Refrigerant R410A

INVERTER

AIRSTAGE VR-IV

# DESIGN & TECHNICAL MANUAL

FUJITSU GENERAL LIMITED

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Refrigerant R410A
INVERTER

AIRSTAGE

# 1. GENERAL INFORMATION

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# 1. GENERAL INFORMATION


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GENERAL INFORMATION

# 1. Outdoor unit and indoor unit lineup

**NOTE:** Information on models not mentioned here is available on our Pocket or Pocket Portal as the back number.

## 1-1. Outdoor units

Extensive lineup from 8 HP to 48 HP in 2 HP increments.

Space saving combination and Energy efficiency combination are available, which can be selected to suit any air conditioning needs.

### ■ Stand-alone

| HP | Cooling capacity (kW) | Model name |
|---|---|---|
| 8 | 22.4 | AJ∗072GALDH |
| 10 | 28.0 | AJ∗090GALDH |
| 12 | 33.5 | AJ∗108GALDH |

| HP | Cooling capacity (kW) | Model name |
|---|---|---|
| 14 | 40.0 | AJ∗126GALDH |
| 16 | 45.0 | AJ∗144GALDH |

GENERAL INFORMATION

## ■ Space saving combination

Combinations other than followings are prohibited.

| HP | Cooling capacity (kW) | Set model name | Model name | | | Maximum number of connectable indoor units |
|---|---|---|---|---|---|---|
| | | | Unit 1 | Unit 2 | Unit 3 | |
| 18 | 50.4 | AJ∗162GALDH | AJ∗090GALDH | AJ∗072GALDH | — | 39 |
| 20 | 56.0 | AJ∗180GALDH | AJ∗090GALDH | AJ∗090GALDH | — | 43 |
| 22 | 61.5 | AJ∗198GALDH | AJ∗108GALDH | AJ∗090GALDH | — | 47 |
| 24 | 67.0 | AJ∗216GALDH | AJ∗108GALDH | AJ∗108GALDH | — | 52 |
| 26 | 73.0 | AJ∗234GALDH | AJ∗144GALDH | AJ∗090GALDH | — | 56 |
| 28 | 78.5 | AJ∗252GALDH | AJ∗144GALDH | AJ∗108GALDH | — | 60 |
| 30 | 85.0 | AJ∗270GALDH | AJ∗144GALDH | AJ∗126GALDH | — | 64 |
| 32 | 90.0 | AJ∗288GALDH | AJ∗144GALDH | AJ∗144GALDH | — | 64 |
| 34 | 95.0 | AJ∗306GALDH | AJ∗108GALDH | AJ∗108GALDH | AJ∗090GALDH | 64 |
| 36 | 100.5 | AJ∗324GALDH | AJ∗108GALDH | AJ∗108GALDH | AJ∗108GALDH | 64 |
| 38 | 106.5 | AJ∗342GALDH | AJ∗144GALDH | AJ∗108GALDH | AJ∗090GALDH | 64 |
| 40 | 112.0 | AJ∗360GALDH | AJ∗144GALDH | AJ∗108GALDH | AJ∗108GALDH | 64 |
| 42 | 118.0 | AJ∗378GALDH | AJ∗144GALDH | AJ∗144GALDH | AJ∗090GALDH | 64 |
| 44 | 123.5 | AJ∗396GALDH | AJ∗144GALDH | AJ∗144GALDH | AJ∗108GALDH | 64 |
| 46 | 130.0 | AJ∗414GALDH | AJ∗144GALDH | AJ∗144GALDH | AJ∗126GALDH | 64 |
| 48 | 135.0 | AJ∗432GALDH | AJ∗144GALDH | AJ∗144GALDH | AJ∗144GALDH | 64 |

## ■ Energy efficiency combination

Combinations other than followings are prohibited.

| HP | Cooling capacity (kW) | Set model name | Model name | | | Maximum number of connectable indoor units |
|---|---|---|---|---|---|---|
| | | | Unit 1 | Unit 2 | Unit 3 | |
| 16 | 44.8 | AJ∗144GALDHH | AJ∗072GALDH | AJ∗072GALDH | — | 34 |
| 22 | 62.4 | AJ∗198GALDHH | AJ∗126GALDH | AJ∗072GALDH | — | 47 |
| 24 | 67.2 | AJ∗216GALDHH | AJ∗072GALDH | AJ∗072GALDH | AJ∗072GALDH | 52 |
| 26 | 72.8 | AJ∗234GALDHH | AJ∗090GALDH | AJ∗072GALDH | AJ∗072GALDH | 56 |
| 28 | 78.4 | AJ∗252GALDHH | AJ∗090GALDH | AJ∗090GALDH | AJ∗072GALDH | 60 |
| 30 | 84.0 | AJ∗270GALDHH | AJ∗090GALDH | AJ∗090GALDH | AJ∗090GALDH | 64 |
| 32 | 90.4 | AJ∗288GALDHH | AJ∗126GALDH | AJ∗090GALDH | AJ∗072GALDH | 64 |
| 34 | 96.0 | AJ∗306GALDHH | AJ∗126GALDH | AJ∗090GALDH | AJ∗090GALDH | 64 |
| 36 | 102.4 | AJ∗324GALDHH | AJ∗126GALDH | AJ∗126GALDH | AJ∗072GALDH | 64 |
| 38 | 108.0 | AJ∗342GALDHH | AJ∗126GALDH | AJ∗126GALDH | AJ∗090GALDH | 64 |
| 40 | 113.0 | AJ∗360GALDHH | AJ∗144GALDH | AJ∗126GALDH | AJ∗090GALDH | 64 |
| 42 | 120.0 | AJ∗378GALDHH | AJ∗126GALDH | AJ∗126GALDH | AJ∗126GALDH | 64 |
| 44 | 125.0 | AJ∗396GALDHH | AJ∗144GALDH | AJ∗126GALDH | AJ∗126GALDH | 64 |

GENERAL INFORMATION

# ■ Model designation

| Column | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | A | J | Y | 1 | 4 | 4 | G | A | L | D | H | H |

| Column | Item | Description |
|---|---|---|
| 1 | Type | AJ: Outdoor unit |
| 2 | | |
| 3 | Brand | Y: Fujitsu<br>H: General |
| 4 | Capacity | 072: 22.4 kW<br>090: 28.0 kW<br>108: 33.5 kW<br>126: 40.0 kW<br>144: 45.0 kW |
| 5 | | |
| 6 | | |
| 7 | Function | G: Heat recovery |
| 8 | Model change code | ALD |
| 9 | | |
| 10 | | |
| 11 | Series name | H |
| 12 | Set name | Blank: Space saving combination<br>H: Energy efficiency combination |

GENERAL INFORMATION

# 1-2. Indoor units

| Type | | Capacity | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | 1.1 | 2.2 | 2.8 | 3.6 | 4.0/4.5 | 5.6 | 7.1 | 9.0 | 10.0 | 11.2 | 12.5 | 14.0 | 18.0 | 22.4 | 25.0 | 28.0 |
| | Model code | 04 | 07 | 09 | 12 | 14 | 18 | 24 | 30 | 34 | 36 | 45 | 54 | 60 | 72 | 90 | 96 |
| Compact cassette | | • | • | • | • | • | • | • | | | | | | | | | |
| 4-way flow cassette | | | | | | | • | • | • | • | • | • | • | | | | |
| Circular flow cassette | | | | | | | • | • | • | • | • | • | • | | | | |
| 3D flow cassette | | | | | | | • | • | | | | | | | | | |
| One way flow cassette | | • | • | • | • | • | • | • | | | | | | | | | |
| Low static pressure duct (Mini duct) | | • | • | • | • | • | • | • | | | | | | | | | |
| Low static pressure duct (Slim duct) /Slim concealed floor | | | • | • | • | • | • | • | | | | | | | | | |
| Low static pressure duct (High efficiency) | | | | | | | • | | • | | | | | | | | |
| Medium static pressure duct | | | | | | | | • | • | | • | • | | | | | |
| High static pressure duct | | | | | | | | | | | • | • | | • | • | • | • |
| Compact floor | | • | • | • | • | • | | | | | | | | | | | |
| Compact floor (EEV external) | EV kit | • | • | • | • | • | | | | | | | | | | | |
| Floor/Ceiling | | | | | • | • | • | • | | | | | | | | | |
| Ceiling | | | | | | | | | • | | • | • | • | | | | |
| Wall mounted | | • | • | • | • | • | • | • | • | • | | | | | | | |
| Wall mounted (EEV external) | EV kit | • | • | • | • | • | | | | | | | | | | | |

GENERAL INFORMATION

| Type | Rated capacity (kW) | | Model name | Dimensions (H × W × D): mm | Remarks |
|---|---|---|---|---|---|
| | Cooling | Heating | | Pipe size: mm (in) | |
| Compact cassette | 1.1 | 1.3 | AUXB004GLEH | 245 × 570 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | Cassette Grille:<br>UTG-UF∗E-W<br>UTG-UF∗C-W |
| | 2.2 | 2.8 | AUXB007GLEH | | |
| | 2.8 | 3.2 | AUXB009GLEH | | |
| | 3.6 | 4.1 | AUXB012GLEH | 245 × 570 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | AUXB014GLEH | | |
| | 5.6 | 6.3 | AUXB018GLEH | | |
| | 7.1 | 8.0 | AUXB024GLEH | 245 × 570 × 570<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| 4-way flow cassette | 5.6 | 6.3 | AUXD18GALH | 246 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | Cassette Grille:<br>UTG-UG∗A-W |
| | 7.1 | 8.0 | AUXD24GALH | | |
| | 5.6 | 6.3 | AUXA18GALH | 288 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 7.1 | 8.0 | AUXA24GALH | | |
| | 9.0 | 10.0 | AUXA30GALH | | |
| | 10.0 | 11.2 | AUXA34GALH | | |
| | 11.2 | 12.5 | AUXA36GALH | 288 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø19.05 (Ø3/4) | |
| | 12.5 | 14.0 | AUXA45GALH | | |
| | 14.0 | 16.0 | AUXA54GALH | | |
| Circular flow cassette | 5.6 | 6.3 | AUXM018GLEH | 246 × 840 × 840<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | Cassette Grille:<br>UTG-UK∗C-W<br>UTG-UK∗A-B |
| | 7.1 | 8.0 | AUXM024GLEH | 246 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | AUXM030GLEH | | |
| | 5.6 | 6.3 | AUXK018GLEH | 288 × 840 × 840<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | AUXK024GLEH | 288 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | AUXK030GLEH | | |
| | 10.0 | 11.2 | AUXK034GLEH | | |
| | 11.2 | 12.5 | AUXK036GLEH | | |
| | 12.5 | 14.0 | AUXK045GLEH | | |
| | 14.0 | 16.0 | AUXK054GLEH | | |
| 3D flow cassette | 5.6 | 6.3 | AUXS018GLEH | 200 × 1,240 × 500<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | Cassette Grille:<br>UTG-US∗A-W |
| | 7.1 | 8.0 | AUXS024GLEH | 200 × 1,240 × 500<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| One way flow cassette | 1.1 | 1.3 | AUXV004GLEH | 198 × 785 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | Cassette Grille:<br>UTG-UN∗A-W |
| | 2.2 | 2.8 | AUXV007GLEH | | |
| | 2.8 | 3.2 | AUXV009GLEH | | |
| | 3.6 | 4.0 | AUXV012GLEH | 198 × 785 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | AUXV014GLEH | 198 × 1,190 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | Cassette Grille:<br>UTG-UN∗B-W |
| | 5.6 | 6.3 | AUXV018GLEH | | |
| | 7.1 | 8.0 | AUXV024GLEH | 198 × 1,190 × 570<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |

GENERAL INFORMATION

| Type | Rated capacity (kW) | | Model name | Dimensions (H × W × D): mm | Remarks |
|---|---|---|---|---|---|
| | Cooling | Heating | | Pipe size: mm (in) | |
| Low static pressure duct (Mini duct) | 1.1 | 1.3 | ARXK004GLGH | 198 × 700 × 450<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.2 | 2.8 | ARXK007GLGH | | |
| | 2.8 | 3.2 | ARXK009GLGH | | |
| | 3.6 | 4.0 | ARXK012GLGH | 198 × 700 × 450<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | ARXK014GLGH | | |
| | 5.6 | 6.3 | ARXK018GLGH | 198 × 900 × 450<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | ARXK024GLGH | 198 × 1,100 × 450<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Low static pressure duct (Slim duct) /Slim concealed floor | 2.2 | 2.8 | ARXD007GLEH | 198 × 700 × 620<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.8 | 3.2 | ARXD009GLEH | | |
| | 3.6 | 4.0 | ARXD012GLEH | 198 × 700 × 620<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | ARXD014GLEH | | |
| | 5.6 | 6.3 | ARXD018GLEH | 198 × 900 × 620<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | ARXD024GLEH | 198 × 1,100 × 620<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Low static pressure duct (High efficiency) | 5.6 | 6.3 | ARXP018GLFH | 270 × 1,135 × 700<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 9.0 | 10.0 | ARXP030GLFH | 270 × 1,135 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Medium static pressure duct | 7.1 | 8.0 | ARXA024GLEH | 270 × 1,135 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | ARXA030GLEH | | |
| | 11.2 | 12.5 | ARXA036GLEH | | |
| | 12.5 | 14.0 | ARXA045GLEH | | |
| High static pressure duct | 11.2 | 12.5 | ARXC036GTEH | 400 × 1,050 × 500<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 12.5 | 14.0 | ARXC045GTEH | | |
| | 18.0 | 20.0 | ARXC060GTEH | | |
| | 22.4 | 25.0 | ARXC072GTEH | 450 × 1,587 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø19.05 (Ø3/4) | |
| | 25.0 | 28.0 | ARXC090GTEH | | |
| | 28.0 | 31.5 | ARXC096GTEH | 550 × 1,587 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø22.22 (Ø7/8) | |
| Compact floor | 1.1 | 1.3 | AG✳A004GCGH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.2 | 2.8 | AG✳A007GCGH | | |
| | 2.8 | 3.2 | AG✳A009GCGH | | |
| | 3.6 | 4.0 | AG✳A012GCGH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.0 | 4.5 | AG✳A014GCGH | | |

GENERAL INFORMATION

| Type | Rated capacity (kW) | | Model name | Dimensions (H × W × D): mm | Remarks |
|---|---|---|---|---|---|
| | Cooling | Heating | | Pipe size: mm (in) | |
| Compact floor (EEV external) | 1.1 | 1.3 | AG∗E004GCEH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | EV Kit: UTR-EV09XB |
| | 2.2 | 2.8 | AG∗E007GCEH | | |
| | 2.8 | 3.2 | AG∗E009GCEH | | |
| | 3.6 | 4.0 | AG∗E012GCEH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | EV Kit: UTR-EV14XB |
| | 4.0 | 4.5 | AG∗E014GCEH | | |
| Floor/Ceiling | 3.6 | 4.0 | AB∗A012GTEH | 199 × 990 × 655<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | AB∗A014GTEH | | |
| | 5.6 | 6.3 | AB∗A018GTEH | | |
| | 7.1 | 8.0 | AB∗A024GTEH | 199 × 990 × 655<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Ceiling | 9.0 | 10.0 | AB∗A030GTEH | 240 × 1,660 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 11.2 | 12.5 | AB∗A036GTEH | | |
| | 12.5 | 14.0 | AB∗A045GTEH | | |
| | 14.0 | 16.0 | AB∗A054GTEH | | |
| Wall mounted | 1.1 | 1.3 | AS∗A004GCGH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.2 | 2.8 | AS∗A007GCGH | | |
| | 2.8 | 3.2 | AS∗A009GCGH | | |
| | 3.6 | 4.0 | AS∗A012GCGH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.0 | 4.5 | AS∗A014GCGH | | |
| | 5.6 | 6.3 | AS∗A18GBCH | 320 × 998 × 238<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | AS∗A24GBCH | 320 × 998 × 238<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | AS∗A030GTEH | 340 × 1,150 × 280<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 10.0 | 11.2 | AS∗A034GTEH | | |
| Wall mounted (EEV external) | 1.1 | 1.3 | AS∗E004GCEH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | EV Kit: UTR-EV09XB |
| | 2.2 | 2.8 | AS∗E007GCEH | | |
| | 2.8 | 3.2 | AS∗E009GCEH | | |
| | 3.6 | 4.0 | AS∗E012GCEH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | EV Kit: UTR-EV14XB |
| | 4.0 | 4.5 | AS∗E014GCEH | | |

**NOTES:**

- For old models information, refer to the back number of this manual released before 2018 on our Pocket or Pocket Portal.
- Refer to the *DESIGN AND TECHNICAL MANUAL* for Air Handling Unit (AHU) regarding the contents of the AHU (e.g. AH∗A096GWAA).

GENERAL INFORMATION

# ■ Model designation

## 11-digit code type

| Column | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Code | A | U | X | K | 0 | 5 | 4 | G | L | E | H |

| Column | Item | Description |
|---|---|---|
| 1 | Type | AU: Cassette type<br>AR: Duct type<br>AG: Floor type<br>AB: Floor/Ceiling or Ceiling type<br>AS: Wall mounted type |
| 2 | | |
| 3 | Brand | H: General<br>Y: Fujitsu<br>X: Neutral brand |
| 4 | Model | A: Standard (AU, AS)<br>B: Compact (AU)<br>C: High static pressure (AR)<br>D: Slim (AR)<br>E: EEV external (AG, AS)<br>K: Mini (AR), Standard (AU)<br>M: Slim (AU)<br>P: High efficiency (AR)<br>S: 3D flow (AU)<br>V: One way flow cassette |
| 5 | Capacity | 004: 1.1 kW<br>007: 2.2 kW<br>009: 2.8 kW<br>012: 3.6 kW<br>014: 4.5 kW |
| 6 | | 018: 5.6 kW<br>024: 7.1 kW<br>030: 9.0 kW<br>034: 10.0 kW<br>036: 11.2 kW<br>045: 12.5 kW |
| 7 | | 054: 14.0 kW<br>060: 18.0 kW<br>072: 22.4 kW<br>090: 25.0 kW<br>096: 28.0 kW |
| 8 | Function | G: Inverter |
| 9 | Model generation | 2-digit combination of alphabet |
| 10 | | |
| 11 | Series name | H |

GENERAL INFORMATION

# 10-digit code type

| Column | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Code | A | U | X | D | 1 | 8 | G | A | L | H |

| Column | Item | Description |
|---|---|---|
| 1<br>2 | Type | AU: Cassette type |
| 3 | Brand | H: General<br>Y: Fujitsu<br>X: Neutral brand |
| 4 | Model | A: Standard (AU)<br>D: Slim (AU) |
| 5<br>6 | Capacity | 18: 5.6 kW<br>24: 7.1 kW<br>30: 9.0 kW<br>34: 10.0 kW<br>36: 11.2 kW<br>45: 12.5 kW<br>54: 14.0 kW |
| 7 | Function | G: Inverter |
| 8<br>9 | Model generation | 2-digit combination of alphabet |
| 10 | Series name | H |

GENERAL INFORMATION

# 2. Optional parts

**NOTES:**

- Information on models not mentioned here is available on our Pocket or Pocket Portal as the back number.
- Refer to the *DESIGN AND TECHNICAL MANUAL* for DX Kit regarding the contents of DX Kit (e.g. UTY-VDGX [Control unit], UTP-VX30A [EEV unit]).

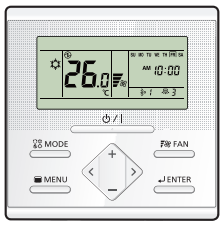
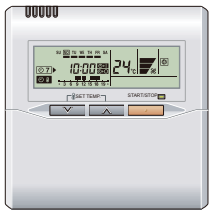
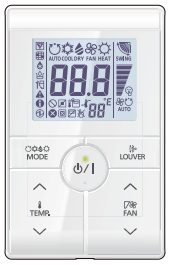
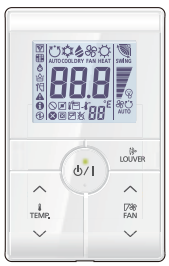
## 2-1. Controllers

### ■ Central control

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
| | System Controller | UTY-APGXZ1 | System Controller realizes the advanced integrated monitoring & control of VRF network system from small scale buildings to large scale buildings.<br>Optional: UTY-PEGXZ1, UTY-PPGXP2 |
| | System Controller Lite | UTY-ALGXZ1 | System Controller Lite has standard functions sufficient for air conditioner management in small and medium scale buildings.<br>Optional: UTY-PLGXA2, UTY-PLGXR2, UTY-PLGXE2, UTY-PLGXP2, UTY-PLGXX2 |
| | Touch Panel Controller | UTY-DTG∗Z1 | Controls and monitors our air conditioner via LAN or Internet. Allows user or tenant to manage the air conditioning by using assigned equipment only such as their PCs or smart devices from anywhere.<br>Optional: UTY-PTGXA |
| | Central Remote Controller | UTY-DCG∗Z3 | Central control of small and medium sized buildings and tenants. Central Remote Controller realizes the trouble support function, remote monitoring, and remote operation. |

GENERAL INFORMATION

# ■ Individual control

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
| | Wired Remote Controller (Touch Panel) | UTY-RVR∗ | Remote controller that provides the functions you need in a sleek design that uniquely transforms itself to blend with any interior.<br>Wire type: Non-polar 2-wire |
| | Wired Remote Controller (Touch Panel) | UTY-RNR∗Z∗ | Easy finger touch operation with LCD panel. Backlight LCD enables easy operation in a dark room.<br>Wire type: Non-polar 2-wire |
|  | Wired Remote Controller | UTY-RLR∗ | High visibility and easy operation. Room temperature can be accurately controlled using the thermo sensor.<br>Wire type: Non-polar 2-wire |
| | Wired Remote Controller | UTY-RCR∗Z1 | High visibility and easy operation. Room temperature can be accurately controlled using the thermo sensor.<br>Wire type: Non-polar 2-wire |
|  | Wired Remote Controller | UTY-RNK∗ | Room temperature can be controlled by detecting the temperature accurately with thermo sensor.<br>Wire type: Polar 3-wire |
|  | Simple Remote Controller | UTY-RSR∗ | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting, and operation mode.<br>Wire type: Non-polar 2-wire |
|  | Simple Remote Controller (Without operation mode) | UTY-RHR∗ | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting.<br>Wire type: Non-polar 2-wire |

GENERAL INFORMATION

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
| | Simple Remote Controller | UTY-RSK∗ | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting, and operation mode.<br>Wire type: Polar 3-wire |
| | Simple Remote Controller (Without operation mode) | UTY-RHK∗ | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting.<br>Wire type: Polar 3-wire |
| | Wireless Remote Controller | UTY-LNV∗ | Unit control is performed by wireless remote controller.<br>New simple and stylish design with backlight.<br>6-speed airflow control available. |
| | **NOTE:** 6-speed airflow control might not be available depends on the indoor unit function. For details, refer to "Indoor unit type and applicable control method" in Chapter 5. CONTROL SYSTEM on page 05-8. | | |
| | Wireless Remote Controller | UTY-LNH∗ | Unit control is performed by wireless remote controller. |

GENERAL INFORMATION

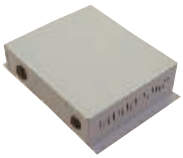
# ■ Model designation

| Column | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Code | U | T | Y | - | A | P | G | X | Z | 1 |

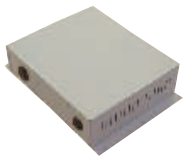
| Column | Item | Description |
|---|---|---|
| 1 | Series name | UTY: Control unit |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | Type | APG: System controller<br>ALG: System controller lite<br>DTG: Touch panel controller<br>DCG: Central remote controller<br>RVR, RNR, RLR, RNK, RCR: Wired remote controller<br>RSR, RHR, RSK, RHK: Simple remote controller<br>LNH, LNV: Wireless remote controller |
| 6 | | |
| 7 | | |
| 8 | Brand | G: General<br>Y: Fujitsu/Airstage<br>X: No brand |
| 9 | Version | Z1, Z2, Z3 |
| 10 | | |

GENERAL INFORMATION

# 2-2. Adapter/Converter/Maintenance tool

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
| | Network Converter | UTY-VTGX | Split type systems can be controlled from a central controller via the converter. |
| | Network Converter (AC Power Supply) | UTY-VTGXV | Split type systems can be controlled from a central controller via the converter. |
|  | Network Converter for LonWorks | UTY-VLGX | For connection between VRF network system and a LonWorks open network for management of small to medium-sized BMS. |
| | KNX Convertor for VRF | UTY-VKGX | For connection between VRF network system and a KNX open network. |
| | KNX Convertor for Indoor Unit | UTY-VKSX | For connection between Single split indoor unit and a KNX open network. |
| | Modbus Converter for VRF | UTY-VMGX | For connection between VRF network system and a Modbus open network. |
| | Modbus Converter for Indoor Unit | UTY-VMSX | For connection between Single split indoor unit and a Modbus open network. |
| | BACnet Gateway (Hardware) | UTY-VBGX | For connection between VRF network system to the BMS system using BACnet protocol. Supports max. 128 indoor units. |
| | BACnet Gateway (Software) | UTY-ABGXZ1 | The central control of maximum 1,600 indoor units can be realized by connecting the VRF network system to the BACnet, a global standard for open network. |
| | WLAN Adapter | UTY-TFSXZ1 | Remotely manage an Air Conditioning system using mobile devices such as Smartphones, and tablets. |

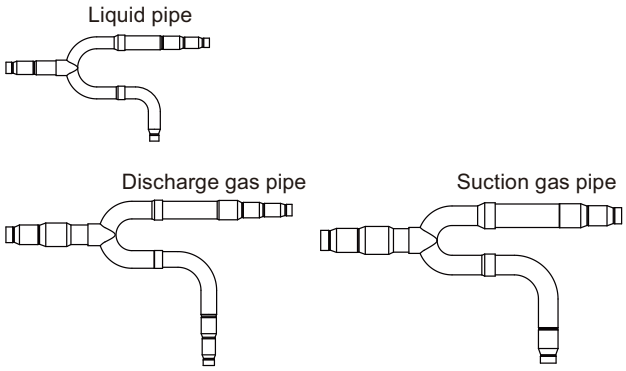
GENERAL INFORMATION

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
|  | Signal Amplifier | UTY-VSGXZ1 | If the total length of transmission line exceeds 500 m, or the number of units exceeds 64, a Signal Amplifier will be necessary. |
| | External Switch Controller | UTY-TERX | Air conditioner switching can be controlled by connecting other external sensor switches. |
| | External Switch Controller | UTY-TEKX | Air conditioner switching can be controlled by connecting other external sensor switches. |
| | Service Tool | UTY-ASGXZ1 | Extensive monitoring and analysis functions for installation and maintenance. Operation status and error history can be grasped promptly and adequately. |
| | Web Monitoring Tool | UTY-AMGXZ1 | Trouble free operation at all times by web monitoring system. The operation status of the VRF network system within the building can be monitored in real time over the Internet. |

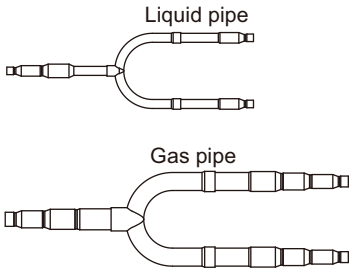
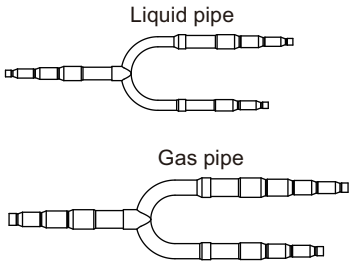
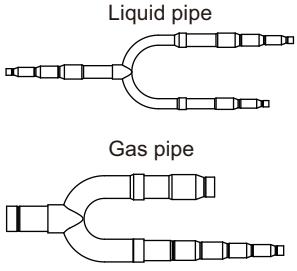
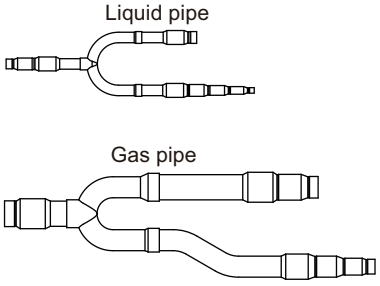
GENERAL INFORMATION

# 2-3. Branch kit

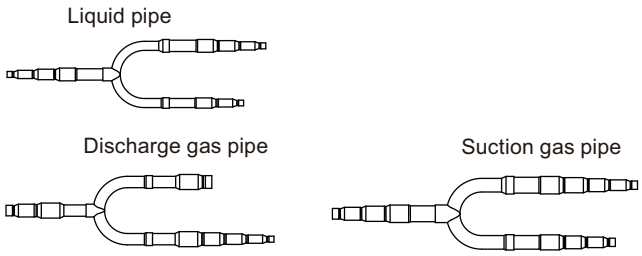
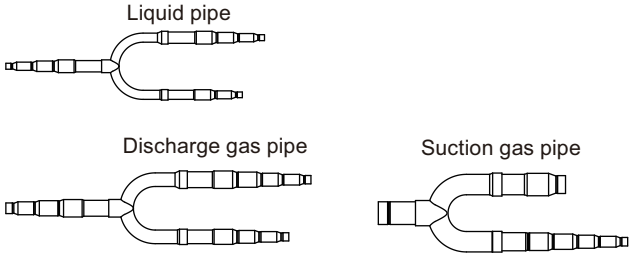
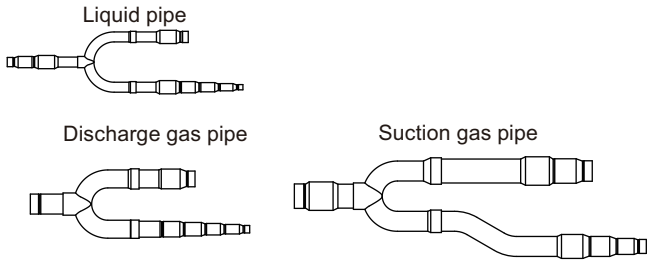
## ■ Outdoor Unit Branch Kit

| Exterior | Model name |
|---|---|
|  | UTP-DX567A |

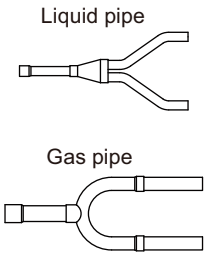
## ■ Separation Tube

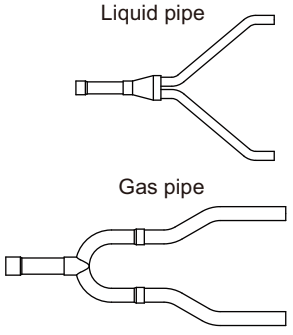
| For 2 pipes | |
|---|---|
| **Exterior** | **Model name** |
|  | UTP-AX054A |
|  | UTP-AX090A |
|  | UTP-AX180A |
|  | UTP-AX567A |

GENERAL INFORMATION

| For 3 pipes | |
|---|---|
| **Exterior** | **Model name** |
|  | UTP-BX090A |
|  | UTP-BX180A |
|  | UTP-BX567A |

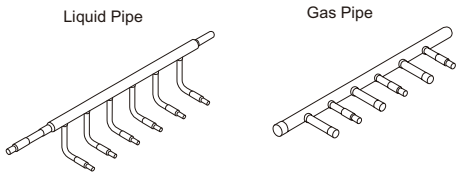
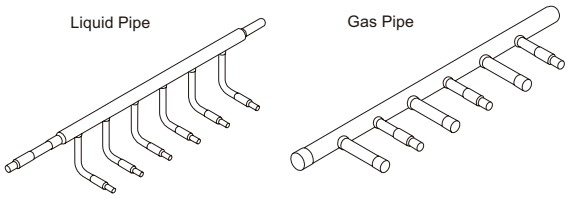
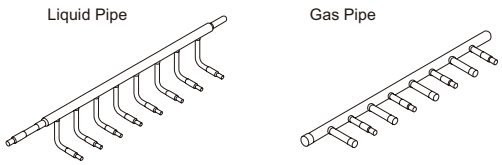
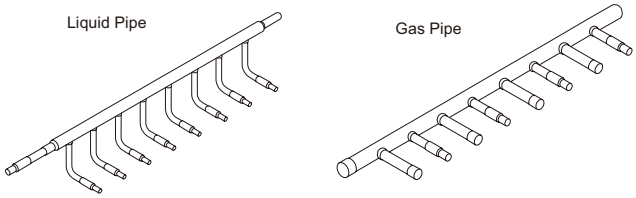
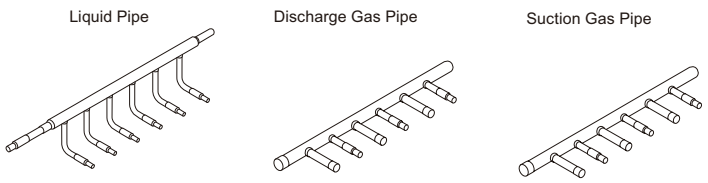
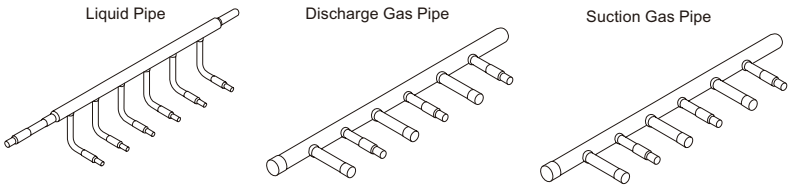
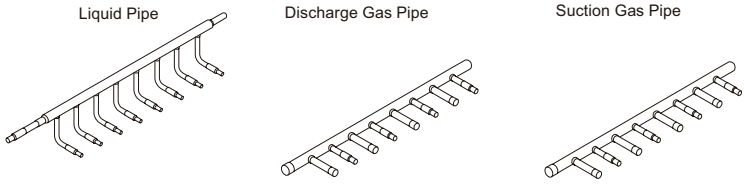
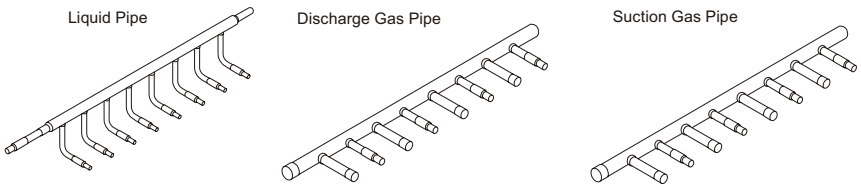
## ■ Separation Tube for RB Unit

| For 2-port merging | |
|---|---|
| **Exterior** | **Model name** |
|  | UTP-EX060A |

| For 4-port merging | |
|---|---|
| **Exterior** | **Model name** |
|  | UTP-EX096A |

GENERAL INFORMATION

# ■ Header

| Exterior | Model name |
|---|---|
|  | UTR-H0906L |
|  | UTR-H1806L |
|  | UTR-H0908L |
|  | UTR-H1808L |
|  | UTP-J0906A |
|  | UTP-J1806A |
|  | UTP-J0908A |
|  | UTP-J1808A |

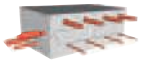
GENERAL INFORMATION

# 2-4. EV Kit

| Exterior | Model name |
|---|---|
| <br>For Wall mounted type (EEV external)<br>For Compact floor type (EEV external) | UTR-EV09XB<br>UTR-EV14XB |

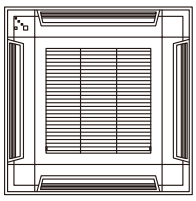
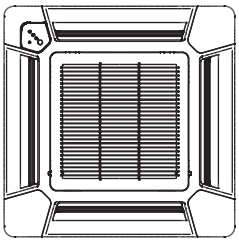
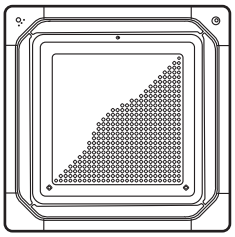
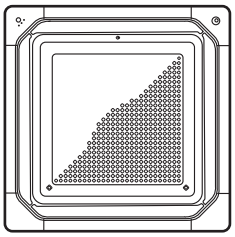
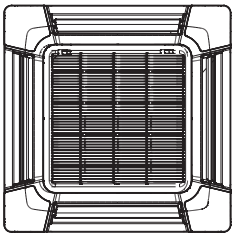
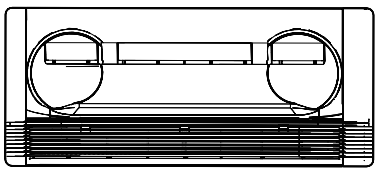
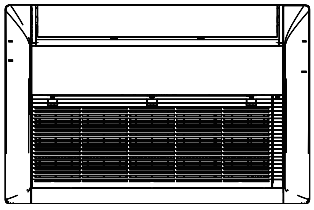
GENERAL INFORMATION

# 2-5. RB Unit

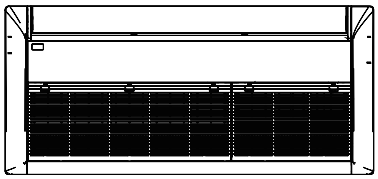
| Exterior | Part name | Model name |
|---|---|---|
| | Single type | UTP-RX01AH<br>UTP-RX01BH<br>UTP-RX01CH |
|  | Multi type | UTP-RX04BH |
| | | UTP-RX08AH |
| | | UTP-RX12AH |

GENERAL INFORMATION

# 2-6. Cassette Grille

| Exterior | Model name | Remarks |
|---|---|---|
|  For Compact cassette type | UTG-UF∗E-W | Grid type grille |
|  For Compact cassette type | UTG-UF∗C-W | Standard type grille |
|  For Circular flow cassette type | UTG-UK∗C-W | White |
|  For Circular flow cassette type | UTG-UK∗A-B | Black |
|  For 4-way flow cassette type | UTG-UG∗A-W | |
|  For 3D flow cassette type | UTG-US∗A-W | |
|  For One way flow cassette type | UTG-UN∗A-W | |

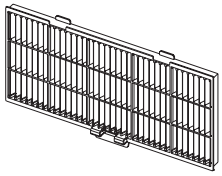
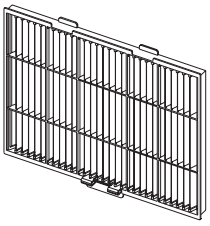
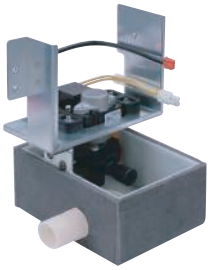
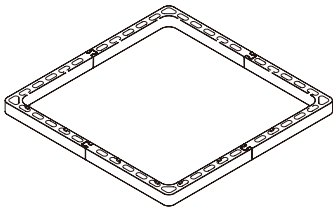
GENERAL INFORMATION

| Exterior | Model name | Remarks |
|---|---|---|
|  For One way flow cassette type | UTG-UN∗B-W | |

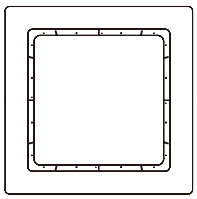
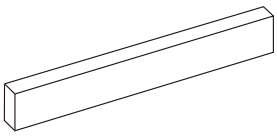
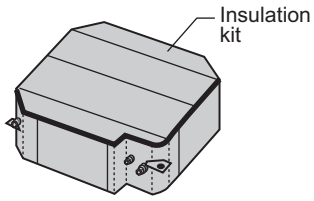
GENERAL INFORMATION

# 2-7. Others

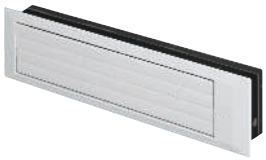
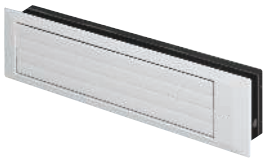
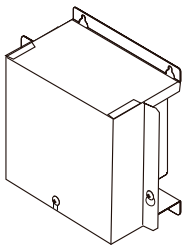
**NOTE:** For applicable indoor unit type, refer to "Applicable parts" in Chapter 10. OPTIONAL PARTS on page 10-73.

| Exterior | Part name | Model name |
|---|---|---|
| | Flange (Square) | UTD-SF045T |
| | Flange (Round) | UTD-RF204 |
|  × 2 pcs | Long-Life Filter | UTD-LF25NA |
|  × 2 pcs | Long-Life Filter | UTD-LF60KA |
| | Drain Pump Unit | UTZ-PX1NBA |
|  | Drain Pump Unit | UTR-DPB24T |
| | Air Outlet Shutter Plate | UTR-YDZB |
| | Air Outlet Shutter Plate | UTR-YDZK |
|  | Panel Spacer | UTG-BKXA-W |

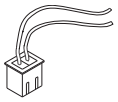
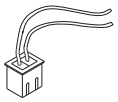
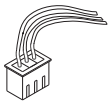
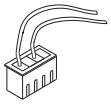
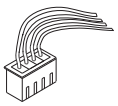
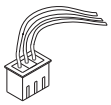
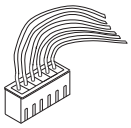
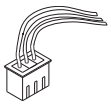
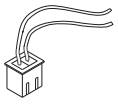
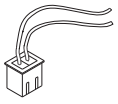
GENERAL INFORMATION

| Exterior | Part name | Model name |
|---|---|---|
|  | Wide Panel | UTG-AKXA-W |
|  | Half Concealed Kit | UTR-STA |
| | IR Receiver Unit | UTY-TRHX |
| | IR Receiver Unit | UTB-YWC |
| | IR Receiver Unit | UTY-LRH∗B1 |
| | IR Receiver Unit | UTY-LBHXD |
| | Human Sensor Kit | UTY-SHZXC |
| | Remote Sensor Unit | UTY-XSZXZ1 |
| Install when the condition under the roof is over 80% in humidity and over 30 °C in temperature.<br>  | Insulation Kit for High Humidity | UTZ-KXRA<br>UTZ-KXGA<br>UTZ-KXGB<br>UTZ-KXGC |

GENERAL INFORMATION

| Exterior | Part name | Model name |
|---|---|---|
| | Fresh Air Intake Kit | UTZ-VXAA |
| | Fresh Air Intake Kit | UTZ-VXGA |
| | Fresh Air Intake Kit | UTZ-VXRA |
|  | Auto Louver Grille Kit | UTD-GXTA-W<br>UTD-GXTB-W<br>UTD-GXTC-W |
|  | Auto Louver Grille Kit | UTD-GXSA-W<br>UTD-GXSB-W<br>UTD-GXSC-W |
| | External Power Supply Unit | UTZ-GXXA |
|  | External Power Supply Unit | UTZ-GXXC |

GENERAL INFORMATION

| Exterior | Model name |
|---|---|
|  For Outdoor unit and RB unit | UTY-XWZXZ6 |
|  For Indoor unit and Central Remote Controller | UTY-XWZXZ7 |
|  For Central Remote Controller | UTY-XWZXZ8 |
|  For Outdoor unit | UTY-XWZXZ9 |
|  For Touch Panel Controller and Central Remote Controller | UTY-XWZXZA |
|  For Indoor unit and RB unit | UTY-XWZXZB |
|  For Indoor unit | UTY-XWZXZC |
|  For Indoor unit | UTY-XWZXZD |
|  For Indoor unit | UTY-XWZXZE |
|  For Outdoor unit | UTY-XWZXZF |

Refrigerant R410A
INVERTER

AIRSTAGE

# 2. MODEL SELECTION

2023.11.10
DV_CH02_CM0001EF_01

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# 2. MODEL SELECTION


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# 1. Model selection and capacity calculation

## 1-1. Model selection procedure

| | |
|---|---|
| Selection of indoor units | Refer to following information:<br>• "Indoor units" of "Model lineup" in Chapter 3. OUTDOOR UNITS on page 03-1<br>• "Indoor unit and outdoor unit selection procedure" on page 02-3 |
| ↓ | |
| Selection of required optional parts | Refer to "Optional parts" in Chapter 1. GENERAL INFORMATION on page 01-10. |
| ↓ | |
| Selection of outdoor units | Refer to following information:<br>• "Outdoor units" of "Model lineup" in Chapter 3. OUTDOOR UNITS on page 03-1<br>• "Indoor unit and outdoor unit selection procedure" on page 02-3 |
| ↓ | |
| Selection of controllers | Refer to "Controllers" of "Optional parts" in Chapter 1. GENERAL INFORMATION on page 01-10. |
| ↓ | |
| Selection of adapter and convertor | Refer to "Adapter/Convertor/Maintenance tool" of "Optional parts" in Chapter 1. GENERAL INFORMATION on page 01-10. |
| ↓ | |

MODEL SELECTION

Selection of RB units

Refer to "RB unit" of "Optional parts" in Chapter 1. GENERAL INFORMATION on page 01-10.

↓

Selection of branch kit

Refer to following informations:

- "Outdoor unit branch kit" of "Optional parts" in Chapter 1. GENERAL INFORMATION on page 01-10
- "Separation tube" of "Optional parts" in Chapter 1. GENERAL INFORMATION on page 01-10
- "Header" of "Optional parts" in Chapter 1. GENERAL INFORMATION on page 01-10

↓

Selection of other optional parts

Refer to "Others" of "Optional parts" in Chapter 1. GENERAL INFORMATION on page 01-10.

↓

**End**

MODEL SELECTION

# 1-2. Indoor unit and outdoor unit selection procedure

Confirm the design of indoor and outdoor temperature condition.

↓

Calculate heat load of each room.

↓

Select indoor unit to match the heat load for each room.

↓

[▲]
Calculate the estimated capacity of each indoor unit.

Refer to "Capacity calculation method" on page 02-5.

↓

Confirm whether satisfy the following calculation.

Estimated capacity of indoor unit ≥ heat load

If estimated capacity is lower than heat load, change to larger capacity of indoor unit and return to step marked [▲] and perform the calculation again.

↓

Calculate the total capacity of indoor units at following conditions:

- Rated condition
- Design temperature condition

Calculated total capacity of indoor units: **A**

↓

[▲▲]
Select outdoor units to match the total capacity of indoor units in the list of stand-alone, space saving combination, or energy efficiency combination.

Confirm the following items:

- Cooling capacity range of connectable indoor units
- Maximum connectable indoor units number

Refer to "Cooling capacity range of connectable indoor units" on page 02-14.

↓

Calculate the compensated capacity of outdoor units.

Refer to "Capacity calculation method" on page 02-5.
Calculated compensated capacity of outdoor units: **B**

↓

MODEL SELECTION

Confirm whether satisfy the following calculation.

Total capacity of indoor units at design temperature ≥ compensated capacity of outdoor units (**A** ≥ **B**)

If **A** is lower than **B**, go to step marked [▼▼▼].

↓

System capacity = **B**

↓

Calculate actual capacity of each indoor unit by dividing system capacity proportionally.

Refer to "Capacity calculation method" on page 02-5.

↓

Confirm whether satisfy the following calculation.

Actual capacity of indoor unit ≥ heat load

If actual capacity of indoor unit is lower than heat load, change to larger capacity of outdoor units and return to step marked [▲▲].
If actual capacity of indoor unit is larger than heat load, procedure is completing.

↓

**End**

[▼▼▼]
System capacity = **A**

↓

Actual capacity of indoor unit = capacity of indoor unit at design temperature

↓

**End**

MODEL SELECTION

# 1-3. Capacity calculation method

The capacity calculation method which takes the effects of air temperature, pipe length, and frosting/defrosting into consideration is shown below.

| | | |
|---|---|---|
| *(TCin)r* | : | Capacity of indoor unit at rated condition |
| *(TCin)d* | : | Capacity of indoor unit at design temperature |
| *(TCin)e* | : | Estimated capacity of indoor unit |
| ∑*(TCin)r* | : | Total capacity of indoor units at rated condition |
| ∑*(TCin)d* | : | Total capacity of indoor units at design temperature |
| *(TCout)r* | : | Capacity of outdoor unit at rated condition |
| *(TCout)d* | : | Capacity of outdoor unit at design temperature |
| *(TCout)c* | : | Compensated capacity of outdoor unit |

- **Estimated capacity of each indoor unit**
  1. Find *(TCin)r* and *(TCin)d*.
     Refer to "Cooling capacity table (Indoor unit)" on page 02-17 or "Heating capacity table (Indoor unit)" on page 02-48.
  2. Find the following compensation coefficient.
     Refer to "Capacity compensation coefficient" on page 02-16.
     – Compensation coefficient of pipe length
     – Compensation coefficient of frosting/defrosting (For heating calculation only)
  3. Calculate *(TCin)e*.
     – Cooling calculation
     *(TCin)e* = *(TCin)d* × compensation coefficient of pipe length
     – Heating calculation
     *(TCin)e* = *(TCin)d* × compensation coefficient of pipe length × compensation coefficient of defrosting/frosting

MODEL SELECTION

- **Compensated capacity of outdoor units**
  1. Find *(TCout)r*.
     Refer to the value marked blue in "Cooling capacity table (Outdoor unit)" on page 02-81 or the value marked orange in "Heating capacity table (Outdoor unit)" on page 02-149.
  2. Find the following compensation coefficient.
     Refer to "Capacity compensation coefficient" on page 02-16.
     – Compensation coefficient of pipe length
     – Compensation coefficient of frosting/defrosting (For heating calculation only)
  3. Calculate ∑*(TCin)r*.
  4. Calculate the ratio of ∑*(TCin)r* to *(TCout)r*.
     Refer to "Cooling capacity range of connectable indoor units" on page 02-14 and confirm whether satisfy the condition.
  5. Find *(TCout)d* using the value of previous step and "Cooling capacity table (Outdoor unit)" on page 02-81 or "Heating capacity table (Outdoor unit)" on page 02-149.
  6. Calculate *(TCout)c*.
     – Cooling calculation
     *(TCout)c* = *(TCout)d* × compensation coefficient of pipe length
     – Heating calculation
     *(TCout)c* = *(TCout)d* × compensation coefficient of pipe length × compensation coefficient of defrosting/frosting

- **System capacity**
  1. Calculate ∑*(TCin)d*.
  2. System capacity is the smaller value of *(TCout)c* and ∑*(TCin)d*.

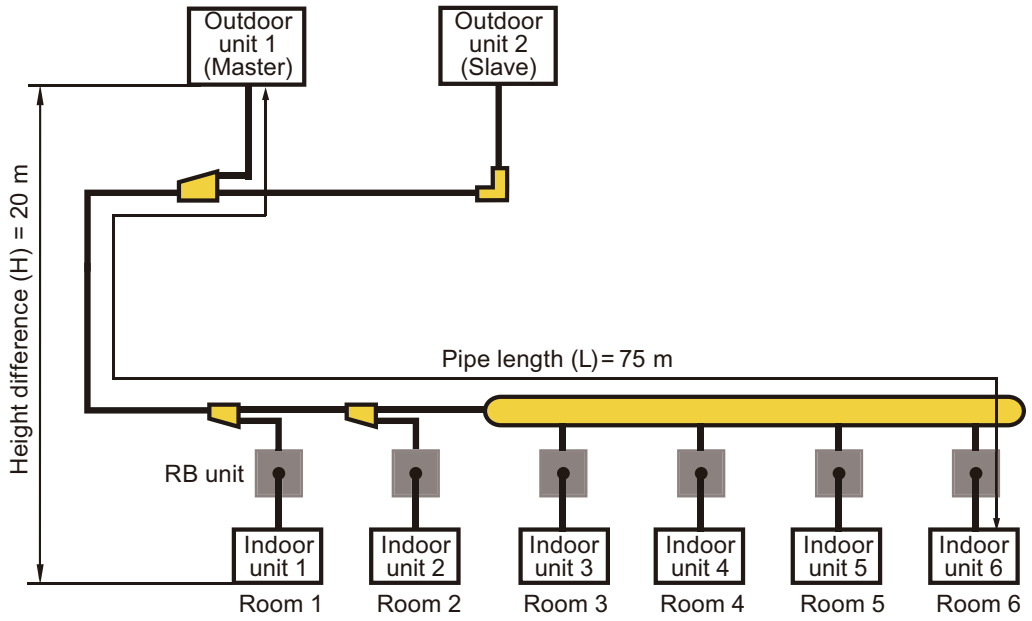
- **Actual capacity of each indoor unit**
  Calculate actual capacity of each indoor unit by dividing system capacity proportionally.
  Actual capacity of indoor unit = (System capacity) × *(TCin)r*/∑*(TCin)r*

MODEL SELECTION

# ■ Calculation example

## ● Example 1

| Design conditions | | | |
|---|---|---|---|
| **Indoor temperature** | **Outdoor temperature** | **Pipe length** | **Height difference** |
| 28°CDB/20°CWB | 35°CDB | 75 m | 20 m<br>Outdoor unit higher side |




- **Selection of indoor unit**

| No | Item | | Room | | | | | | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | |
| A-1 | Cooling heat load | kW | 10.0 | 10.0 | 10.0 | 8.0 | 5.0 | 5.0 | |
| A-2 | Indoor unit models (Example: AU) | | 36 | 36 | 36 | 30 | 18 | 18 | |
| A-3 | *(TCin)r* | kW | 11.2 | 11.2 | 11.2 | 9.0 | 5.6 | 5.6 | Refer to “Indoor units” of "Model lineup" in Chapter 3. OUTDOOR UNITS on page 03-1. |
| A-4 | *(TCin)d* | kW | 12.1 | 12.1 | 12.1 | 9.7 | 6.1 | 6.1 | Refer to "Cooling capacity table (Indoor unit)" on page 02-17. |
| A-5 | Compensation coefficient of pipe length | | 0.90 | | | | | | Refer to "Capacity compensation coefficient" on page 02-16. |
| A-6 | *(TCin)e* | kW | 10.9 | 10.9 | 10.9 | 8.7 | 5.5 | 5.5 | (A-4) × (A-5) |
| A-7 | ∑*(TCin)r* | kW | 53.8 | | | | | | Sum of A-3 |
| A-8 | ∑*(TCin)d* | kW | 58.2 | | | | | | Sum of A-4 |

MODEL SELECTION

- **Preliminary selection of outdoor unit**

| No | Item | | Value | Remark |
|---|---|---|---|---|
| B-1 | Outdoor unit model | | 18HP: AJ∗162GALDH (AJ∗090GALDH + AJ∗072GALDH) | |
| B-2 | *(TCout)r* | kW | 50.4 | Refer to the value marked gray in "Cooling capacity table (Outdoor unit)" on page 02-81 |
| B-3 | *∑(TCin)r/(TCout)r* | % | 106.7 | (A-7)/(B-2) |
| B-4 | *(TCout)d* | kW | 53.4 | Refer to "Calculation example of 18HP outdoor units: AJ∗162GALDH (AJ∗090GALDH + AJ∗072GALDH)" on page 02-10. |
| B-5 | Compensation coefficient of pipe length | | 0.90 | Refer to "Capacity compensation coefficient" on page 02-16. |
| B-6 | *(TCout)c* | kW | 48.0 | (B-4) × (B-5) |

- **Decision of system capacity**

| No | Item | Value | Remark |
|---|---|---|---|
| C-1 | System capacity | 47.4 | Smaller value of (A-8) and (B-6) |

- **Calculation of actual capacity of each indoor unit**

| Item | | Room | | | | | | Remark |
|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | |
| Actual capacity of each indoor unit | kW | 9.9 | 9.9 | 9.9 | 7.9 | 4.9 | 4.9 | (C-1) × (A-3)/(A-7) |

**In this calculation example, since the capacities of indoor units are smaller than the cooling heat loads, reselect outdoor units with larger capacity and perform the calculation again.**

MODEL SELECTION

- **Reselection of outdoor unit with larger capacity**

| No | Item | | Value | Remark |
|---|---|---|---|---|
| B'-1 | Outdoor unit model | | 20HP: AJ∗180GALDH (AJ∗090GALDH + AJ∗090GALDH) | |
| B'-2 | *(TCout)r* | kW | 56.0 | Refer to the value marked gray in "Cooling capacity table (Outdoor unit)" on page 02-81 |
| B'-3 | ∑*(TCin)r*/*(TCout)r* | % | 96.1 | (A-7)/(B'-2) |
| B'-4 | *(TCout)d* | kW | 56.9 | Refer to "Calculation example of 20HP outdoor units: AJ∗180GALDH (AJ∗090GALDH + AJ∗090GALDH)" on page 02-10. |
| B'-5 | Compensation coefficient of pipe length | | 0.90 | Refer to "Capacity compensation coefficient" on page 02-16. |
| B'-6 | *(TCout)c* | kW | 51.2 | (B'-4) × (B'-5) |

- **Decision of system capacity**

| No | Item | Value | Remark |
|---|---|---|---|
| C'-1 | System capacity | 51.2 | Smaller value of (A-8) and (B'-6) |

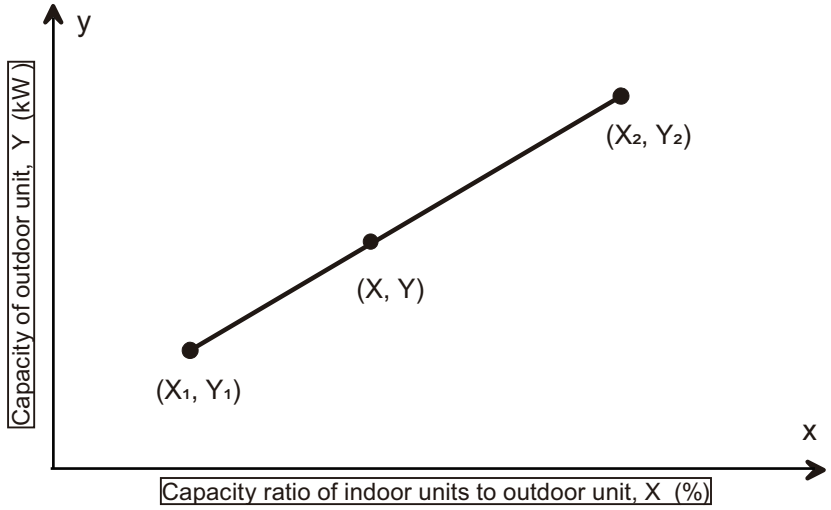
- **Calculation of actual capacity of each indoor unit**

| Item | | Room | | | | | | Remark |
|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | |
| Actual capacity of each indoor unit | kW | 10.6 | 10.6 | 10.6 | 8.5 | 5.3 | 5.3 | (C'-1) × (A-3)/(A-7) |

**Actual capacity of all indoor units is larger than cooling heat load of each room.**

MODEL SELECTION

## Calculation method of outdoor unit capacity from capacity tables




Equation for outdoor unit capacity calculation: $Y = (Y_2 - Y_1)/(X_2 - X_1) \times (X - X_1) + Y_1$

**NOTE:** Refer to "Cooling capacity table (Outdoor unit)" on page 02-81 to find values of $Y_1$ and $Y_2$ using values of $X_1$ and $X_2$.

- **Calculation example of 18HP outdoor units: AJ∗162GALDH (AJ∗090GALDH + AJ∗072-GALDH)**

| Total rated cooling capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 20°CDB / 15 °CWB | | 27°CDB / 19 °CWB | | 28°CDB / 20 °CWB | | 30°CDB / 22 °CWB | | 32°CDB / 23 °CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 55.4 (110%) $X_2$ | 10 | 41.2 | 7.24 | 55.4 | 9.44 | 60.1 | 10.19 | 62.9 | 10.15 | 63.4 | 10.13 |
| | 35 | 41.2 | 9.56 | 52.7 | 13.16 | 53.8 | 13.25 | 56.0 | 13.41 | 57.1 | 13.49 |
| | 46 | 41.2 | 13.60 | 47.2 | 15.82 | $Y_2$ | 15.93 | 50.2 | 16.16 | 51.3 | 16.28 |
| 50.4 (100%) $X_1$ | 10 | 37.4 | 6.64 | 50.4 | 8.63 | 54.7 | 9.13 | 61.1 | 10.17 | 62.5 | 10.16 |
| | 35 | 37.4 | 8.73 | 50.4 | 12.56 | 52.6 | 13.15 | 54.7 | 13.32 | 55.8 | 13.40 |
| | 46 | 37.4 | 11.94 | 46.2 | 15.70 | $Y_1$ | 15.82 | 49.2 | 16.05 | 50.2 | 16.16 |

| | | | |
|---|---|---|---|
| Capacity ratio of indoor units to outdoor unit (%) | $X_1 = 100$ | X = 106.7 | $X_2 = 110$ |
| Capacity of outdoor units (kW) | $Y_1 = 52.6$ | Y | $Y_2 = 53.8$ |

$Y = (53.8 - 52.6)/(110 - 100) \times (106.7 - 100) + 52.6 =$ **53.4 kW**

- **Calculation example of 20HP outdoor units: AJ∗180GALDH (AJ∗090GALDH + AJ∗090-GALDH)**

| Total rated cooling capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 20°CDB / 15 °CWB | | 27°CDB / 19 °CWB | | 28°CDB / 20 °CWB | | 30°CDB / 22 °CWB | | 32°CDB / 23 °CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 56.0 (100%) $X_2$ | 10 | 41.6 | 7.48 | 56.0 | 9.74 | 60.8 | 10.52 | 67.8 | 11.50 | 69.4 | 11.48 |
| | 35 | 41.6 | 9.86 | 56.0 | 14.22 | 58.4 | 14.90 | 60.8 | 15.08 | 62.0 | 15.18 |
| | 46 | 41.6 | 13.52 | 51.4 | 17.80 | $Y_2$ | 17.94 | 54.6 | 18.20 | 55.8 | 18.32 |
| 50.4 (90%) $X_1$ | 10 | 37.4 | 6.78 | 50.4 | 8.84 | 54.6 | 9.54 | 63.2 | 10.92 | 67.0 | 11.52 |
| | 35 | 37.4 | 8.94 | 50.4 | 12.28 | 54.6 | 13.74 | 59.2 | 14.96 | 60.2 | 15.04 |
| | 46 | 37.4 | 11.78 | 50.1 | 17.64 | $Y_1$ | 17.78 | 53.2 | 18.04 | 54.4 | 18.16 |

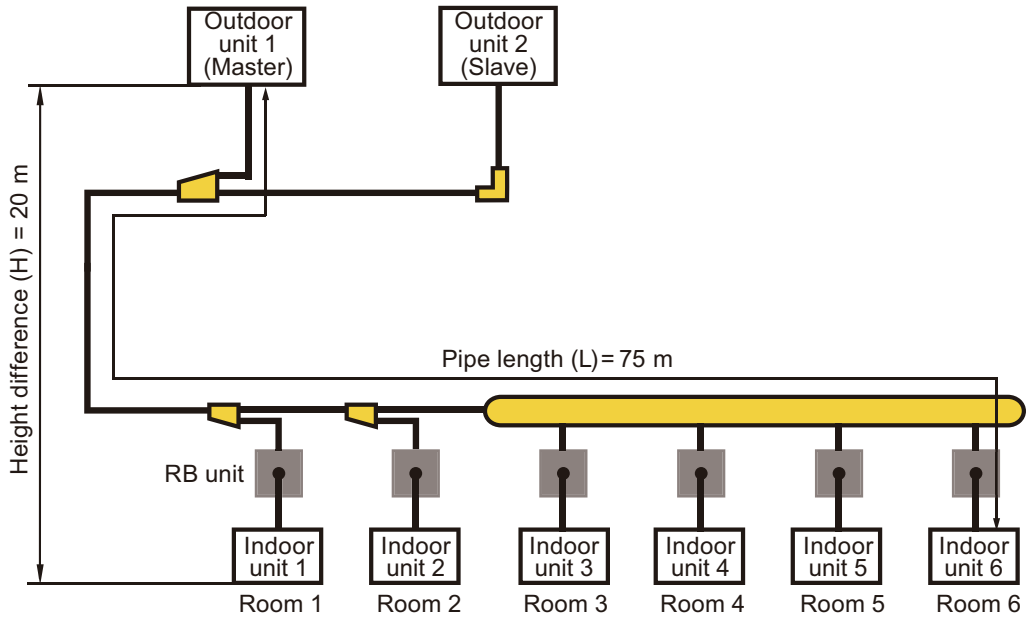
| | | | |
|---|---|---|---|
| Capacity ratio of indoor units to outdoor unit (%) | $X_1 = 90$ | X = 96.1 | $X_2 = 100$ |
| Capacity of outdoor units (kW) | $Y_1 = 54.6$ | Y | $Y_2 = 58.4$ |

$Y = (58.4 - 54.6)/(100 - 90) \times (96.1 - 90) + 54.6 =$ **56.9 kW**

MODEL SELECTION

## ● Example 2

| Design conditions | | | |
|---|---|---|---|
| **Indoor temperature** | **Outdoor temperature** | **Pipe length** | **Height difference** |
| 28°CDB/20°CWB | 35°CDB | 75 m | 20 m<br>Outdoor unit higher side |




- **Selection of indoor unit**

| No | Item | | Room | | | | | | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | |
| A-1 | Cooling heat load | kW | 10.0 | 10.0 | 10.0 | 8.0 | 1.6 | 0.8 | |
| A-2 | Indoor unit models (Example: AU) | | 36 | 36 | 36 | 30 | 07 | 04 | |
| A-3 | *(TCin)r* | kW | 11.2 | 11.2 | 11.2 | 9.0 | 2.2 | 1.1 | Refer to “Indoor units” of "Model lineup" in Chapter 3. OUTDOOR UNITS on page 03-1. |
| A-4 | *(TCin)d* | kW | 12.1 | 12.1 | 12.1 | 9.7 | 2.4 | 1.2 | Refer to "Cooling capacity table (Indoor unit)" on page 02-17. |
| A-5 | Compensation coefficient of pipe length | | 0.90 | | | | | | Refer to "Capacity compensation coefficient" on page 02-16. |
| A-6 | *(TCin)e* | kW | 10.9 | 10.9 | 10.9 | 8.7 | 2.2 | 1.1 | (A-4) × (A-5) |
| A-7 | ∑*(TCin)r* | kW | 45.9 | | | | | | Sum of A-3 |
| A-8 | ∑*(TCin)d* | kW | 49.6 | | | | | | Sum of A-4 |

MODEL SELECTION

- **Preliminary selection of outdoor unit**

| No | Item | | Value | Remark |
|---|---|---|---|---|
| B-1 | Outdoor unit model | | 18HP: AJ∗162GALDH (AJ∗090GALDH + AJ∗072GALDH) | |
| B-2 | *(TCout)r* | kW | 50.4 | Refer to the value marked gray in "Cooling capacity table (Outdoor unit)" on page 02-81 |
| B-3 | *∑(TCin)r/(TCout)r* | % | 91.1 | (A-7)/(B-2) |
| B-4 | *(TCout)d* | kW | 49.5 | Refer to "Calculation example of 18HP outdoor units: AJ∗162GALDH (AJ∗090GALDH + AJ∗072GALDH)" on page 02-13. |
| B-5 | Compensation coefficient of pipe length | | 0.90 | Refer to "Capacity compensation coefficient" on page 02-16. |
| B-6 | *(TCout)c* | kW | 44.6 | (B-4) × (B-5) |

- **Decision of system capacity**

| No | Item | Value | Remark |
|---|---|---|---|
| C-1 | System capacity | 44.6 | Smaller value of (A-8) and (B-6) |

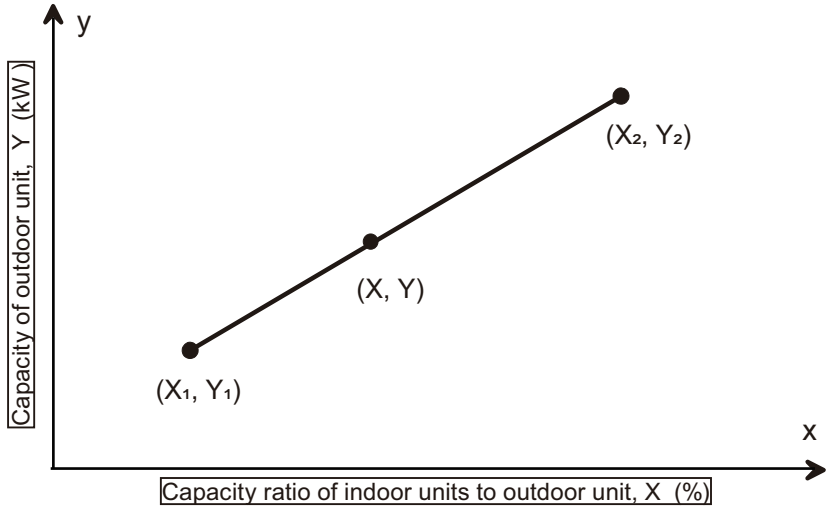
- **Calculation of actual capacity of each indoor unit**

| Item | | Room | | | | | | Remark |
|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | |
| Actual capacity of each indoor unit | kW | 10.9 | 10.9 | 10.9 | 8.7 | 2.1 | 1.1 | (C-1) × (A-3)/(A-7) |

**Actual capacity of all indoor units is larger than cooling heat load of each room.**

MODEL SELECTION

## Calculation method of outdoor unit capacity from capacity tables




Equation for outdoor unit capacity calculation: $Y = (Y_2 - Y_1)/(X_2 - X_1) \times (X - X_1) + Y_1$

**NOTE:** Refer to "Cooling capacity table (Outdoor unit)" on page 02-81 to find values of $Y_1$ and $Y_2$ using values of $X_1$ and $X_2$.

- **Calculation example of 18HP outdoor units: AJ∗162GALDH (AJ∗090GALDH + AJ∗072-GALDH)**

| Total rated cooling capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 20°CDB / 15 °CWB | | 27°CDB / 19 °CWB | | 28°CDB / 20 °CWB | | 30°CDB / 22 °CWB | | 32°CDB / 23 °CWB | |
| | (°CDB) | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 50.4 (100%) $X_2$ | 10 | 33.3 | 5.91 | 50.4 | 8.63 | 54.7 | 9.31 | 60.3 | 9.98 | 61.6 | 9.96 |
| | 35 | 33.3 | 7.83 | 50.4 | 12.56 | 51.9 | 12.86 | 54.0 | 13.02 | 55.1 | 13.09 |
| | 46 | 33.3 | 10.32 | 45.7 | 15.36 | $Y_2$ | 15.47 | 48.6 | 15.70 | 49.7 | 15.80 |
| 45.3 (90%) $X_1$ | 10 | 30.0 | 5.38 | 45.3 | 7.83 | 49.2 | 8.45 | 56.9 | 9.67 | 59.6 | 9.99 |
| | 35 | 30.0 | 7.11 | 45.3 | 10.86 | 49.2 | 12.14 | 52.6 | 12.91 | 53.6 | 12.98 |
| | 46 | 30.0 | 9.04 | 44.6 | 15.23 | $Y_1$ | 15.35 | 47.4 | 15.56 | 48.4 | 15.67 |

| | | | |
|---|---|---|---|
| Capacity ratio of indoor units to outdoor unit (%) | $X_1 = 90$ | X = 91.1 | $X_2 = 100$ |
| Capacity of outdoor units (kW) | $Y_1 = 49.2$ | Y | $Y_2 = 51.9$ |

$Y = (51.9 - 49.2)/(100 - 90) \times (91.1 - 90) + 49.2 =$ **49.5 kW**

# 1-4. Cooling capacity range of connectable indoor units



MODEL SELECTION

**RELATED LINKS**

"Refrigerant system" in Chapter 6. SYSTEM DESIGN on page 06-1

## ■ Stand-alone

| HP | Capacity (kW) | | Set model name | HP | | | Connectable indoor unit | |
|---|---|---|---|---|---|---|---|---|
| | Cooling | Heating | | Unit 1 | Unit 2 | Unit 3 | Maximum number | Cooling capacity range (kW)* |
| 8 | 22.4 | 22.4 | AJ∗072GALDH | 8 | — | — | 17 | 5.6 to 33.6 |
| 10 | 28.0 | 28.0 | AJ∗090GALDH | 10 | — | — | 21 | 7.0 to 42.0 |
| 12 | 33.5 | 33.5 | AJ∗108GALDH | 12 | — | — | 26 | 8.4 to 50.2 |
| 14 | 40.0 | 40.0 | AJ∗126GALDH | 14 | — | — | 30 | 10.0 to 60.0 |
| 16 | 45.0 | 42.0 | AJ∗144GALDH | 16 | — | — | 34 | 11.3 to 67.5 |

*: For conditions for cooling capacity of connectable indoor unit, refer to "Refrigerant system" in Chapter 6. SYSTEM DESIGN on page 06-1.

## ■ Space saving combination

| HP | Capacity (kW) | | Set model name | HP | | | Connectable indoor unit | |
|---|---|---|---|---|---|---|---|---|
| | Cooling | Heating | | Unit 1 | Unit 2 | Unit 3 | Maximum number | Cooling capacity range (kW)* |
| 18 | 50.4 | 50.4 | AJ∗162GALDH | 10 | 8 | — | 39 | 12.6 to 75.6 |
| 20 | 56.0 | 56.0 | AJ∗180GALDH | 10 | 10 | — | 43 | 14.0 to 84.0 |
| 22 | 61.5 | 61.5 | AJ∗198GALDH | 12 | 10 | — | 47 | 15.4 to 92.2 |
| 24 | 67.0 | 67.0 | AJ∗216GALDH | 12 | 12 | — | 52 | 16.8 to 100.5 |
| 26 | 73.0 | 70.0 | AJ∗234GALDH | 16 | 10 | — | 56 | 18.3 to 109.5 |
| 28 | 78.5 | 75.5 | AJ∗252GALDH | 16 | 12 | — | 60 | 19.7 to 117.7 |
| 30 | 85.0 | 82.0 | AJ∗270GALDH | 16 | 14 | — | 64 | 21.3 to 127.5 |
| 32 | 90.0 | 84.0 | AJ∗288GALDH | 16 | 16 | — | 64 | 22.5 to 135.0 |
| 34 | 95.0 | 95.0 | AJ∗306GALDH | 12 | 12 | 10 | 64 | 23.8 to 142.5 |
| 36 | 100.5 | 100.5 | AJ∗324GALDH | 12 | 12 | 12 | 64 | 25.2 to 150.7 |
| 38 | 106.5 | 103.5 | AJ∗342GALDH | 16 | 12 | 10 | 64 | 26.7 to 159.7 |
| 40 | 112.0 | 109.0 | AJ∗360GALDH | 16 | 12 | 12 | 64 | 28.0 to 168.0 |
| 42 | 118.0 | 112.0 | AJ∗378GALDH | 16 | 16 | 10 | 64 | 29.5 to 177.0 |
| 44 | 123.5 | 117.5 | AJ∗396GALDH | 16 | 16 | 12 | 64 | 30.9 to 185.2 |
| 46 | 130.0 | 124.0 | AJ∗414GALDH | 16 | 16 | 14 | 64 | 32.5 to 195.0 |
| 48 | 135.0 | 126.0 | AJ∗432GALDH | 16 | 16 | 16 | 64 | 33.8 to 202.5 |

*: For conditions for cooling capacity of connectable indoor unit, refer to "Refrigerant system" in Chapter 6. SYSTEM DESIGN on page 06-1.

MODEL SELECTION

# ■ Energy efficiency combination

| HP | Capacity (kW) | | Set model name | HP | | | Connectable indoor unit | |
|---|---|---|---|---|---|---|---|---|
| | Cooling | Heating | | Unit 1 | Unit 2 | Unit 3 | Maximum number | Cooling capacity range (kW)* |
| 16 | 44.8 | 44.8 | AJ✳144GALDHH | 8 | 8 | — | 34 | 11.2 to 67.2 |
| 22 | 62.4 | 62.4 | AJ✳198GALDHH | 14 | 8 | — | 47 | 15.6 to 93.6 |
| 24 | 67.2 | 67.2 | AJ✳216GALDHH | 8 | 8 | 8 | 52 | 16.8 to 100.8 |
| 26 | 72.8 | 72.8 | AJ✳234GALDHH | 10 | 8 | 8 | 56 | 18.2 to 109.2 |
| 28 | 78.4 | 78.4 | AJ✳252GALDHH | 10 | 10 | 8 | 60 | 19.6 to 117.6 |
| 30 | 84.0 | 84.0 | AJ✳270GALDHH | 10 | 10 | 10 | 64 | 21.0 to 126.0 |
| 32 | 90.4 | 90.4 | AJ✳288GALDHH | 14 | 10 | 8 | 64 | 22.6 to 135.6 |
| 34 | 96.0 | 96.0 | AJ✳306GALDHH | 14 | 10 | 10 | 64 | 24.0 to 144.0 |
| 36 | 102.4 | 102.4 | AJ✳324GALDHH | 14 | 14 | 8 | 64 | 25.6 to 153.6 |
| 38 | 108.0 | 108.0 | AJ✳342GALDHH | 14 | 14 | 10 | 64 | 27.0 to 162.0 |
| 40 | 113.0 | 110.0 | AJ✳360GALDHH | 16 | 14 | 10 | 64 | 28.3 to 169.5 |
| 42 | 120.0 | 120.0 | AJ✳378GALDHH | 14 | 14 | 14 | 64 | 30.0 to 180.0 |
| 44 | 125.0 | 122.0 | AJ✳396GALDHH | 16 | 14 | 14 | 64 | 31.3 to 187.5 |

*: For conditions for cooling capacity of connectable indoor unit, refer to "Refrigerant system" in Chapter 6. SYSTEM DESIGN on page 06-1.

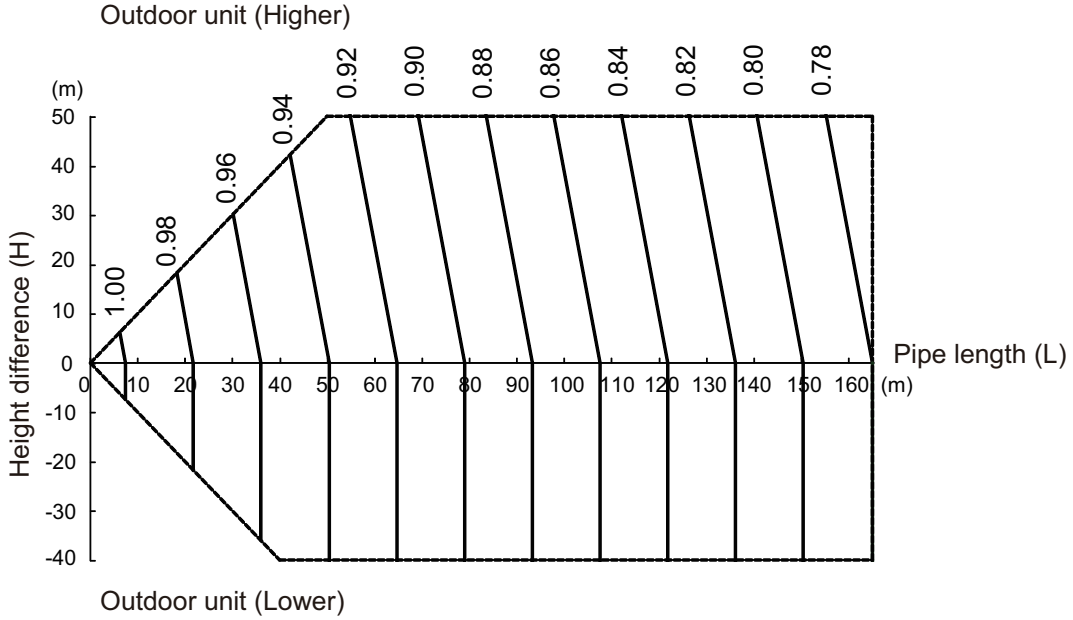
MODEL SELECTION

# 1-5. Capacity compensation coefficient

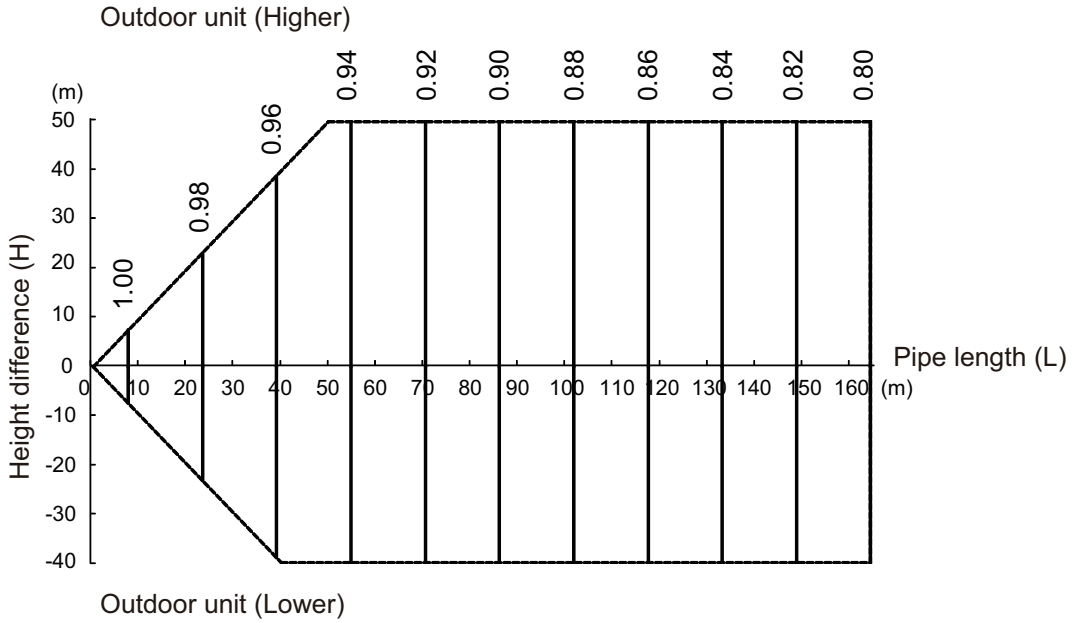
## ■ Compensation coefficient of pipe length

The figures give the compensation coefficient of pipe length owing to installation location (pipe length and height difference). Pipe length and height difference are the length and the height difference between master outdoor unit and indoor unit.

- **Cooling**




- **Heating**




## ■ Compensation coefficient of frosting/defrosting (Heating operation)

To take the effects of accumulated frost and defrosting operation on heating capacity into consideration, the capacity of outdoor units should be corrected by compensation coefficient shown in the table below.

| Outdoor temperature (°CDB/°CWB) | -15/-16 | -9/-10 | -7/-8 | -5/-6 | -3/-4 | 0/-1 | 2/1 | 5/4 | 7/6 |
|---|---|---|---|---|---|---|---|---|---|
| Compensation coefficient | 0.96 | 0.94 | 0.92 | 0.89 | 0.86 | 0.83 | 0.84 | 0.90 | 1.00 |

MODEL SELECTION

# 2. Cooling capacity table (Indoor unit)

- TC: Total capacity (kW)
- SHC: Sensible heat capacity (kW)
- Values mentioned in the table are the values when the indoor unit's total rated capacity is 100% of the outdoor unit capacity.

## 2-1. Compact cassette type

### ■ Model: AUXB004GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.0 |
| -10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.0 |
| -5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.0 |
| 0 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.0 |
| 5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.0 |
| 10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.0 |
| 15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.0 |
| 21 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.4 | 1.0 |
| 23 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.4 | 1.0 |
| 25 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.4 | 1.0 |
| 27 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.4 | 1.0 |
| 30 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 1.0 |
| 33 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 1.0 |
| 35 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 1.0 |
| 37 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.3 | 1.0 |
| 40 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.2 | 1.0 |
| 43 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 |
| 46 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 |

### ■ Model: AUXB007GLEH

| Outdoor tem-perature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.4 | 1.8 | 2.8 | 1.9 | 2.9 | 2.0 |
| 15 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.4 | 1.8 | 2.8 | 1.9 | 2.9 | 2.0 |
| 21 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.4 | 1.8 | 2.8 | 1.9 | 2.9 | 2.0 |
| 23 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.4 | 1.8 | 2.8 | 1.9 | 2.8 | 2.0 |
| 25 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.4 | 1.8 | 2.7 | 1.9 | 2.8 | 2.0 |
| 27 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.4 | 1.8 | 2.7 | 1.9 | 2.7 | 2.0 |
| 30 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.4 | 1.8 | 2.6 | 1.8 | 2.7 | 1.9 |
| 33 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.4 | 1.8 | 2.6 | 1.8 | 2.6 | 1.9 |
| 35 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.4 | 1.8 | 2.5 | 1.8 | 2.6 | 1.9 |
| 37 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.4 | 1.8 | 2.5 | 1.8 | 2.5 | 1.9 |
| 40 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.3 | 1.8 | 2.4 | 1.8 | 2.5 | 1.9 |
| 43 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.3 | 1.8 | 2.4 | 1.8 | 2.4 | 1.9 |
| 46 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.7 | 2.2 | 1.8 | 2.2 | 1.8 | 2.3 | 1.7 | 2.3 | 1.8 |

### ■ Model: AUXB009GLEH

| Outdoor tem-perature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 15 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 21 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.7 | 2.3 |
| 23 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.6 | 2.3 |
| 25 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.5 | 2.3 |
| 27 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.4 | 2.2 | 3.5 | 2.3 |
| 30 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.4 | 2.1 | 3.4 | 2.2 |
| 33 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.3 | 2.1 | 3.3 | 2.2 |
| 35 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.2 | 2.1 | 3.3 | 2.2 |
| 37 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.2 | 2.1 | 3.2 | 2.2 |
| 40 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.1 | 2.0 | 3.1 | 2.1 |
| 43 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 2.9 | 2.0 | 3.0 | 2.0 | 3.1 | 2.1 |
| 46 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.0 | 2.8 | 2.0 | 2.9 | 2.0 | 3.0 | 2.1 |

# ■ Model: AUXB012GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.5 | 2.8 | 4.8 | 3.1 |
| 15 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.5 | 2.8 | 4.8 | 3.1 |
| 21 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.5 | 2.8 | 4.7 | 3.0 |
| 23 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.5 | 2.8 | 4.6 | 3.0 |
| 25 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.5 | 2.8 | 4.6 | 3.0 |
| 27 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.4 | 2.8 | 4.5 | 2.9 |
| 30 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.3 | 2.8 | 4.4 | 2.9 |
| 33 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.2 | 2.7 | 4.3 | 2.9 |
| 35 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.1 | 2.7 | 4.2 | 2.8 |
| 37 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.1 | 2.7 | 4.1 | 2.8 |
| 40 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.8 | 2.7 | 4.0 | 2.6 | 4.0 | 2.8 |
| 43 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.7 | 2.7 | 3.9 | 2.6 | 3.9 | 2.7 |
| 46 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.5 | 2.6 | 3.6 | 2.6 | 3.8 | 2.6 | 3.8 | 2.7 |

# ■ Model: AUXB014GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.6 | 3.4 | 6.0 | 3.7 |
| 15 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.6 | 3.4 | 6.0 | 3.7 |
| 21 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.6 | 3.4 | 5.9 | 3.6 |
| 23 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.6 | 3.4 | 5.8 | 3.6 |
| 25 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.6 | 3.4 | 5.7 | 3.6 |
| 27 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.5 | 3.4 | 5.6 | 3.5 |
| 30 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.4 | 3.3 | 5.5 | 3.5 |
| 33 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.3 | 3.3 | 5.4 | 3.4 |
| 35 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.2 | 3.2 | 5.3 | 3.4 |
| 37 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.1 | 3.2 | 5.2 | 3.4 |
| 40 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.8 | 3.2 | 5.0 | 3.2 | 5.0 | 3.3 |
| 43 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.6 | 3.2 | 4.8 | 3.1 | 4.9 | 3.3 |
| 46 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.4 | 3.2 | 4.5 | 3.1 | 4.7 | 3.1 | 4.8 | 3.2 |

# ■ Model: AUXB018GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 6.1 | 4.0 | 7.0 | 4.2 | 7.5 | 4.5 |
| 15 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 6.1 | 4.0 | 7.0 | 4.2 | 7.5 | 4.5 |
| 21 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 6.1 | 4.0 | 7.0 | 4.2 | 7.3 | 4.4 |
| 23 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 6.1 | 4.0 | 7.0 | 4.2 | 7.2 | 4.3 |
| 25 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 6.1 | 4.0 | 7.0 | 4.1 | 7.1 | 4.3 |
| 27 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 6.1 | 4.0 | 6.8 | 4.1 | 7.0 | 4.2 |
| 30 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 6.1 | 4.0 | 6.7 | 4.0 | 6.8 | 4.2 |
| 33 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 6.1 | 4.0 | 6.5 | 4.0 | 6.7 | 4.1 |
| 35 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 6.1 | 4.0 | 6.4 | 3.9 | 6.5 | 4.1 |
| 37 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 6.1 | 4.0 | 6.3 | 3.9 | 6.4 | 4.0 |
| 40 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 5.9 | 3.9 | 6.2 | 3.8 | 6.3 | 4.0 |
| 43 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.6 | 3.9 | 5.8 | 3.8 | 6.0 | 3.8 | 6.1 | 3.9 |
| 46 | 3.7 | 2.6 | 4.2 | 3.2 | 4.6 | 3.4 | 5.1 | 3.7 | 5.5 | 3.8 | 5.6 | 3.8 | 5.8 | 3.7 | 5.9 | 3.8 |

# ■ Model: AUXB024GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 15 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 21 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.3 | 5.8 |
| 23 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.1 | 5.8 |
| 25 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.8 | 5.5 | 9.0 | 5.7 |
| 27 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.7 | 5.4 | 8.8 | 5.7 |
| 30 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.5 | 5.3 | 8.6 | 5.6 |
| 33 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.3 | 5.3 | 8.4 | 5.5 |
| 35 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.1 | 5.2 | 8.3 | 5.4 |
| 37 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.0 | 5.2 | 8.2 | 5.4 |
| 40 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.5 | 5.2 | 7.8 | 5.1 | 8.0 | 5.3 |
| 43 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.3 | 5.1 | 7.6 | 5.0 | 7.8 | 5.3 |
| 46 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.0 | 5.1 | 7.1 | 5.1 | 7.4 | 5.0 | 7.5 | 5.2 |

# 2-2. 4-way flow cassette type

## ■ Model: AUXD18GALH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 7.0 | 4.8 | 7.5 | 5.2 |
| 15 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 7.0 | 4.8 | 7.5 | 5.2 |
| 21 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 7.0 | 4.8 | 7.3 | 5.2 |
| 23 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 7.0 | 4.8 | 7.2 | 5.1 |
| 25 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 7.0 | 4.8 | 7.1 | 5.1 |
| 27 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 6.8 | 4.8 | 7.0 | 5.0 |
| 30 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 6.7 | 4.7 | 6.8 | 5.0 |
| 33 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 6.5 | 4.7 | 6.7 | 4.9 |
| 35 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 6.4 | 4.6 | 6.5 | 4.9 |
| 37 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 6.3 | 4.6 | 6.4 | 4.9 |
| 40 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 5.9 | 4.6 | 6.2 | 4.5 | 6.3 | 4.8 |
| 43 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 5.8 | 4.6 | 6.0 | 4.5 | 6.1 | 4.8 |
| 46 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.5 | 4.6 | 5.6 | 4.5 | 5.8 | 4.4 | 5.9 | 4.7 |

## ■ Model: AUXD24GALH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.5 | 6.4 |
| 15 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.5 | 6.4 |
| 21 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.3 | 6.3 |
| 23 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.1 | 6.2 |
| 25 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.8 | 5.9 | 9.0 | 6.2 |
| 27 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.7 | 5.8 | 8.8 | 6.1 |
| 30 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.5 | 5.8 | 8.6 | 6.1 |
| 33 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.3 | 5.7 | 8.4 | 6.0 |
| 35 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.1 | 5.6 | 8.3 | 6.0 |
| 37 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.0 | 5.6 | 8.2 | 5.9 |
| 40 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.5 | 5.7 | 7.8 | 5.5 | 8.0 | 5.9 |
| 43 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.3 | 5.6 | 7.6 | 5.5 | 7.8 | 5.8 |
| 46 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.0 | 5.6 | 7.1 | 5.5 | 7.4 | 5.4 | 7.5 | 5.7 |

## ■ Model: AUXA18GALH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 7.0 | 4.8 | 7.5 | 5.2 |
| 15 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 7.0 | 4.8 | 7.5 | 5.2 |
| 21 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 7.0 | 4.8 | 7.3 | 5.2 |
| 23 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 7.0 | 4.8 | 7.2 | 5.1 |
| 25 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 7.0 | 4.8 | 7.1 | 5.1 |
| 27 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 6.8 | 4.8 | 7.0 | 5.0 |
| 30 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 6.7 | 4.7 | 6.8 | 5.0 |
| 33 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 6.5 | 4.7 | 6.7 | 4.9 |
| 35 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 6.4 | 4.6 | 6.5 | 4.9 |
| 37 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 6.1 | 4.7 | 6.3 | 4.6 | 6.4 | 4.9 |
| 40 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 5.9 | 4.6 | 6.2 | 4.5 | 6.3 | 4.8 |
| 43 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.6 | 4.6 | 5.8 | 4.6 | 6.0 | 4.5 | 6.1 | 4.8 |
| 46 | 3.7 | 3.1 | 4.2 | 3.9 | 4.6 | 4.1 | 5.1 | 4.5 | 5.5 | 4.6 | 5.6 | 4.5 | 5.8 | 4.4 | 5.9 | 4.7 |

MODEL SELECTION

# ■ Model: AUXA24GALH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.5 | 6.4 |
| 15 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.5 | 6.4 |
| 21 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.3 | 6.3 |
| 23 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.1 | 6.2 |
| 25 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.8 | 5.9 | 9.0 | 6.2 |
| 27 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.7 | 5.8 | 8.8 | 6.1 |
| 30 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.5 | 5.8 | 8.6 | 6.1 |
| 33 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.3 | 5.7 | 8.4 | 6.0 |
| 35 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.1 | 5.6 | 8.3 | 6.0 |
| 37 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.7 | 5.7 | 8.0 | 5.6 | 8.2 | 5.9 |
| 40 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.5 | 5.7 | 7.8 | 5.5 | 8.0 | 5.9 |
| 43 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.1 | 5.6 | 7.3 | 5.6 | 7.6 | 5.5 | 7.8 | 5.8 |
| 46 | 4.7 | 3.8 | 5.3 | 4.8 | 5.9 | 4.9 | 6.5 | 5.5 | 7.0 | 5.6 | 7.1 | 5.5 | 7.4 | 5.4 | 7.5 | 5.7 |

# ■ Model: AUXA30GALH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.7 | 7.2 | 11.3 | 7.5 | 12.1 | 8.0 |
| 15 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.7 | 7.2 | 11.3 | 7.5 | 12.1 | 8.0 |
| 21 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.7 | 7.2 | 11.3 | 7.5 | 11.7 | 7.9 |
| 23 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.7 | 7.2 | 11.3 | 7.5 | 11.5 | 7.9 |
| 25 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.7 | 7.2 | 11.2 | 7.4 | 11.4 | 7.8 |
| 27 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.7 | 7.2 | 11.0 | 7.4 | 11.2 | 7.7 |
| 30 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.7 | 7.2 | 10.8 | 7.3 | 11.0 | 7.6 |
| 33 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.7 | 7.2 | 10.5 | 7.2 | 10.7 | 7.6 |
| 35 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.7 | 7.2 | 10.3 | 7.1 | 10.5 | 7.5 |
| 37 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.7 | 7.2 | 10.2 | 7.1 | 10.4 | 7.4 |
| 40 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.5 | 7.1 | 9.9 | 7.0 | 10.1 | 7.4 |
| 43 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 9.0 | 7.1 | 9.3 | 7.0 | 9.6 | 6.9 | 9.8 | 7.3 |
| 46 | 5.9 | 4.8 | 6.7 | 6.0 | 7.5 | 6.2 | 8.2 | 6.9 | 8.8 | 6.9 | 9.0 | 7.0 | 9.4 | 6.8 | 9.5 | 7.2 |

# ■ Model: AUXA34GALH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.9 | 8.0 | 12.6 | 8.3 | 13.4 | 8.9 |
| 15 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.9 | 8.0 | 12.6 | 8.3 | 13.4 | 8.9 |
| 21 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.9 | 8.0 | 12.6 | 8.3 | 13.1 | 8.8 |
| 23 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.9 | 8.0 | 12.6 | 8.3 | 12.9 | 8.7 |
| 25 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.9 | 8.0 | 12.5 | 8.3 | 12.7 | 8.6 |
| 27 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.9 | 8.0 | 12.3 | 8.2 | 12.5 | 8.6 |
| 30 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.9 | 8.0 | 12.0 | 8.1 | 12.2 | 8.5 |
| 33 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.9 | 8.0 | 11.7 | 8.0 | 11.9 | 8.4 |
| 35 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.9 | 8.0 | 11.5 | 7.9 | 11.7 | 8.3 |
| 37 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.9 | 8.0 | 11.3 | 7.8 | 11.5 | 8.3 |
| 40 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.6 | 7.9 | 11.0 | 7.7 | 11.3 | 8.2 |
| 43 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 10.0 | 7.8 | 10.3 | 7.8 | 10.8 | 7.7 | 11.0 | 8.1 |
| 46 | 6.6 | 5.4 | 7.5 | 6.7 | 8.3 | 6.9 | 9.2 | 7.7 | 9.9 | 7.8 | 10.0 | 7.7 | 10.5 | 7.6 | 10.7 | 8.0 |

MODEL SELECTION

# ■ Model: AUXA36GALH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 12.1 | 8.6 | 14.0 | 8.9 | 15.0 | 9.6 |
| 15 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 12.1 | 8.6 | 14.0 | 8.9 | 15.0 | 9.6 |
| 21 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 12.1 | 8.6 | 14.0 | 8.9 | 14.6 | 9.5 |
| 23 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 12.1 | 8.6 | 14.0 | 8.9 | 14.4 | 9.3 |
| 25 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 12.1 | 8.6 | 13.9 | 8.9 | 14.2 | 9.3 |
| 27 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 12.1 | 8.6 | 13.7 | 8.8 | 14.0 | 9.2 |
| 30 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 12.1 | 8.6 | 13.4 | 8.7 | 13.6 | 9.1 |
| 33 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 12.1 | 8.6 | 13.1 | 8.6 | 13.3 | 9.0 |
| 35 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 12.1 | 8.6 | 12.8 | 8.5 | 13.1 | 8.9 |
| 37 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 12.1 | 8.6 | 12.6 | 8.4 | 12.9 | 8.8 |
| 40 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 11.8 | 8.5 | 12.3 | 8.3 | 12.6 | 8.7 |
| 43 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.2 | 8.4 | 11.5 | 8.4 | 12.0 | 8.2 | 12.2 | 8.6 |
| 46 | 7.4 | 5.7 | 8.3 | 7.1 | 9.3 | 7.4 | 10.2 | 8.2 | 11.0 | 8.2 | 11.2 | 8.2 | 11.7 | 8.1 | 11.9 | 8.5 |

# ■ Model: AUXA45GALH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.5 | 9.3 | 15.7 | 9.7 | 16.7 | 10.5 |
| 15 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.5 | 9.3 | 15.7 | 9.7 | 16.7 | 10.5 |
| 21 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.5 | 9.3 | 15.7 | 9.7 | 16.3 | 10.3 |
| 23 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.5 | 9.3 | 15.7 | 9.7 | 16.0 | 10.2 |
| 25 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.5 | 9.3 | 15.5 | 9.7 | 15.8 | 10.1 |
| 27 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.5 | 9.3 | 15.3 | 9.6 | 15.6 | 10.0 |
| 30 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.5 | 9.3 | 15.0 | 9.5 | 15.2 | 9.9 |
| 33 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.5 | 9.3 | 14.6 | 9.3 | 14.9 | 9.8 |
| 35 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.5 | 9.3 | 14.3 | 9.2 | 14.6 | 9.7 |
| 37 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.5 | 9.3 | 14.1 | 9.1 | 14.4 | 9.6 |
| 40 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 13.2 | 9.2 | 13.8 | 9.0 | 14.0 | 9.5 |
| 43 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.5 | 9.1 | 12.9 | 9.1 | 13.4 | 8.9 | 13.7 | 9.3 |
| 46 | 8.2 | 6.3 | 9.3 | 7.7 | 10.4 | 8.0 | 11.4 | 8.9 | 12.3 | 9.0 | 12.5 | 9.0 | 13.0 | 8.8 | 13.3 | 9.2 |

# ■ Model: AUXA54GALH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 15.2 | 10.2 | 17.6 | 10.7 | 18.8 | 11.5 |
| 15 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 15.2 | 10.2 | 17.6 | 10.7 | 18.8 | 11.5 |
| 21 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 15.2 | 10.2 | 17.6 | 10.7 | 18.3 | 11.3 |
| 23 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 15.2 | 10.2 | 17.6 | 10.7 | 18.0 | 11.1 |
| 25 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 15.2 | 10.2 | 17.4 | 10.6 | 17.7 | 11.0 |
| 27 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 15.2 | 10.2 | 17.1 | 10.5 | 17.5 | 10.9 |
| 30 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 15.2 | 10.2 | 16.8 | 10.4 | 17.1 | 10.8 |
| 33 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 15.2 | 10.2 | 16.4 | 10.2 | 16.7 | 10.6 |
| 35 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 15.2 | 10.2 | 16.1 | 10.1 | 16.4 | 10.5 |
| 37 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 15.2 | 10.2 | 15.8 | 10.0 | 16.1 | 10.4 |
| 40 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 14.8 | 10.1 | 15.4 | 9.9 | 15.7 | 10.3 |
| 43 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 14.0 | 10.0 | 14.4 | 9.9 | 15.0 | 9.7 | 15.3 | 10.2 |
| 46 | 9.2 | 6.8 | 10.4 | 8.4 | 11.6 | 8.8 | 12.8 | 9.7 | 13.8 | 9.8 | 14.0 | 9.8 | 14.6 | 9.6 | 14.9 | 10.0 |

# 2-3. Circular flow cassette type

## ■ Model: AUXM018GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.5 | 5.0 |
| -10 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.5 | 5.0 |
| -5 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.5 | 5.0 |
| 0 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.5 | 5.0 |
| 5 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.5 | 5.0 |
| 10 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.5 | 5.0 |
| 15 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.5 | 5.0 |
| 21 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.3 | 4.9 |
| 23 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.2 | 4.9 |
| 25 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.1 | 4.8 |
| 27 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 6.8 | 4.6 | 7.0 | 4.8 |
| 30 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 6.7 | 4.5 | 6.8 | 4.7 |
| 33 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 6.5 | 4.5 | 6.7 | 4.7 |
| 35 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 6.4 | 4.4 | 6.5 | 4.6 |
| 37 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 6.3 | 4.4 | 6.4 | 4.6 |
| 40 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 5.9 | 4.4 | 6.2 | 4.3 | 6.3 | 4.6 |
| 43 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 5.8 | 4.4 | 6.0 | 4.3 | 6.1 | 4.5 |
| 46 | 3.2 | 2.5 | 3.7 | 3.0 | 4.2 | 3.7 | 4.6 | 3.9 | 5.1 | 4.3 | 5.5 | 4.3 | 5.6 | 4.3 | 5.8 | 4.2 | 5.9 | 4.4 |

## ■ Model: AUXM024GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| -10 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| -5 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 0 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 5 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 10 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 15 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 21 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.9 | 5.5 | 9.3 | 5.8 |
| 23 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.9 | 5.5 | 9.1 | 5.7 |
| 25 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.8 | 5.5 | 9.0 | 5.7 |
| 27 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.7 | 5.4 | 8.8 | 5.6 |
| 30 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.5 | 5.3 | 8.6 | 5.5 |
| 33 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.3 | 5.2 | 8.4 | 5.5 |
| 35 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.1 | 5.2 | 8.3 | 5.4 |
| 37 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.7 | 5.3 | 8.0 | 5.1 | 8.2 | 5.4 |
| 40 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.5 | 5.2 | 7.8 | 5.1 | 8.0 | 5.3 |
| 43 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.1 | 7.3 | 5.1 | 7.6 | 5.0 | 7.8 | 5.2 |
| 46 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.3 | 5.9 | 4.5 | 6.5 | 5.0 | 7.0 | 5.1 | 7.1 | 5.0 | 7.4 | 4.9 | 7.5 | 5.1 |

## ■ Model: AUXM030GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| -10 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| -5 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| 0 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| 5 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| 10 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| 15 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| 21 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.3 | 7.2 | 11.7 | 7.6 |
| 23 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.3 | 7.2 | 11.5 | 7.5 |
| 25 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.2 | 7.1 | 11.4 | 7.5 |
| 27 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 11.0 | 7.1 | 11.2 | 7.4 |
| 30 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 10.8 | 7.0 | 11.0 | 7.3 |
| 33 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 10.5 | 6.9 | 10.7 | 7.2 |
| 35 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 10.3 | 6.8 | 10.5 | 7.2 |
| 37 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.7 | 6.9 | 10.2 | 6.8 | 10.4 | 7.1 |
| 40 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.5 | 6.8 | 9.9 | 6.7 | 10.1 | 7.0 |
| 43 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.8 | 9.3 | 6.7 | 9.6 | 6.6 | 9.8 | 6.9 |
| 46 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 8.8 | 6.7 | 9.0 | 6.6 | 9.4 | 6.5 | 9.5 | 6.8 |

MODEL SELECTION

# ■ Model: AUXK018GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 7.0 | 4.3 | 7.5 | 4.6 |
| -10 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 7.0 | 4.3 | 7.5 | 4.6 |
| -5 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 7.0 | 4.3 | 7.5 | 4.6 |
| 0 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 7.0 | 4.3 | 7.5 | 4.6 |
| 5 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 7.0 | 4.3 | 7.5 | 4.6 |
| 10 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 7.0 | 4.3 | 7.5 | 4.6 |
| 15 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 7.0 | 4.3 | 7.5 | 4.6 |
| 21 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 7.0 | 4.3 | 7.3 | 4.5 |
| 23 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 7.0 | 4.3 | 7.2 | 4.5 |
| 25 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 7.0 | 4.2 | 7.1 | 4.4 |
| 27 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 6.8 | 4.2 | 7.0 | 4.4 |
| 30 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 6.7 | 4.1 | 6.8 | 4.3 |
| 33 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 6.5 | 4.1 | 6.7 | 4.3 |
| 35 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 6.4 | 4.0 | 6.5 | 4.2 |
| 37 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 6.1 | 4.1 | 6.3 | 4.0 | 6.4 | 4.2 |
| 40 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 5.9 | 4.0 | 6.2 | 3.9 | 6.3 | 4.1 |
| 43 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.6 | 4.0 | 5.8 | 4.0 | 6.0 | 3.9 | 6.1 | 4.0 |
| 46 | 3.2 | 2.3 | 3.7 | 2.7 | 4.2 | 3.3 | 4.6 | 3.5 | 5.1 | 3.9 | 5.5 | 3.9 | 5.6 | 3.9 | 5.8 | 3.8 | 5.9 | 4.0 |

# ■ Model: AUXK024GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| -10 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| -5 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 0 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 5 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 10 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 15 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 21 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.3 | 5.8 |
| 23 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.1 | 5.8 |
| 25 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.8 | 5.5 | 9.0 | 5.7 |
| 27 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.7 | 5.4 | 8.8 | 5.7 |
| 30 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.5 | 5.4 | 8.6 | 5.6 |
| 33 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.3 | 5.3 | 8.4 | 5.5 |
| 35 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.1 | 5.2 | 8.3 | 5.5 |
| 37 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.0 | 5.2 | 8.2 | 5.4 |
| 40 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.5 | 5.2 | 7.8 | 5.1 | 8.0 | 5.4 |
| 43 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.1 | 5.2 | 7.3 | 5.2 | 7.6 | 5.0 | 7.8 | 5.3 |
| 46 | 4.1 | 3.0 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.6 | 6.5 | 5.0 | 7.0 | 5.1 | 7.1 | 5.1 | 7.4 | 5.0 | 7.5 | 5.2 |

# ■ Model: AUXK030GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.3 | 6.7 | 12.1 | 7.2 |
| -10 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.3 | 6.7 | 12.1 | 7.2 |
| -5 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.3 | 6.7 | 12.1 | 7.2 |
| 0 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.3 | 6.7 | 12.1 | 7.2 |
| 5 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.3 | 6.7 | 12.1 | 7.2 |
| 10 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.3 | 6.7 | 12.1 | 7.2 |
| 15 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.3 | 6.7 | 12.1 | 7.2 |
| 21 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.3 | 6.7 | 11.7 | 7.1 |
| 23 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.3 | 6.7 | 11.5 | 7.0 |
| 25 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.2 | 6.7 | 11.4 | 6.9 |
| 27 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 11.0 | 6.6 | 11.2 | 6.9 |
| 30 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 10.8 | 6.5 | 11.0 | 6.8 |
| 33 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 10.5 | 6.4 | 10.7 | 6.7 |
| 35 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 10.3 | 6.3 | 10.5 | 6.6 |
| 37 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.7 | 6.4 | 10.2 | 6.3 | 10.4 | 6.5 |
| 40 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.5 | 6.3 | 9.9 | 6.2 | 10.1 | 6.4 |
| 43 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 9.0 | 6.3 | 9.3 | 6.2 | 9.6 | 6.1 | 9.8 | 6.3 |
| 46 | 5.2 | 3.7 | 5.9 | 4.3 | 6.7 | 5.3 | 7.5 | 5.5 | 8.2 | 6.1 | 8.8 | 6.2 | 9.0 | 6.1 | 9.4 | 6.0 | 9.5 | 6.2 |

MODEL SELECTION

# ■ Model: AUXK034GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.5 | 7.5 | 13.4 | 8.1 |
| -10 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.5 | 7.5 | 13.4 | 8.1 |
| -5 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.5 | 7.5 | 13.4 | 8.1 |
| 0 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.5 | 7.5 | 13.4 | 8.1 |
| 5 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.5 | 7.5 | 13.4 | 8.1 |
| 10 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.5 | 7.5 | 13.4 | 8.1 |
| 15 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.5 | 7.5 | 13.4 | 8.1 |
| 21 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.5 | 7.5 | 13.0 | 7.9 |
| 23 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.5 | 7.5 | 12.8 | 7.8 |
| 25 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.4 | 7.5 | 12.6 | 7.8 |
| 27 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.2 | 7.4 | 12.5 | 7.7 |
| 30 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 12.0 | 7.3 | 12.2 | 7.6 |
| 33 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 11.7 | 7.2 | 11.9 | 7.5 |
| 35 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 11.5 | 7.1 | 11.7 | 7.4 |
| 37 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.8 | 7.2 | 11.3 | 7.0 | 11.5 | 7.3 |
| 40 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.6 | 7.1 | 11.0 | 6.9 | 11.2 | 7.2 |
| 43 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 10.0 | 7.0 | 10.3 | 7.0 | 10.7 | 6.8 | 10.9 | 7.1 |
| 46 | 5.7 | 4.1 | 6.6 | 4.8 | 7.4 | 5.9 | 8.3 | 6.1 | 9.1 | 6.8 | 9.8 | 6.9 | 10.0 | 6.8 | 10.4 | 6.7 | 10.6 | 7.0 |

# ■ Model: AUXK036GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 14.0 | 8.5 | 15.0 | 9.1 |
| -10 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 14.0 | 8.5 | 15.0 | 9.1 |
| -5 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 14.0 | 8.5 | 15.0 | 9.1 |
| 0 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 14.0 | 8.5 | 15.0 | 9.1 |
| 5 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 14.0 | 8.5 | 15.0 | 9.1 |
| 10 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 14.0 | 8.5 | 15.0 | 9.1 |
| 15 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 14.0 | 8.5 | 15.0 | 9.1 |
| 21 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 14.0 | 8.5 | 14.6 | 9.0 |
| 23 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 14.0 | 8.5 | 14.4 | 8.9 |
| 25 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 13.9 | 8.5 | 14.2 | 8.8 |
| 27 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 13.7 | 8.4 | 14.0 | 8.7 |
| 30 | 6.4 | 4.6 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 13.4 | 8.3 | 13.6 | 8.6 |
| 33 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 13.1 | 8.1 | 13.3 | 8.5 |
| 35 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 12.8 | 8.0 | 13.1 | 8.4 |
| 37 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 12.1 | 8.2 | 12.6 | 8.0 | 12.9 | 8.3 |
| 40 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 11.8 | 8.0 | 12.3 | 7.8 | 12.6 | 8.2 |
| 43 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.2 | 8.0 | 11.5 | 7.9 | 12.0 | 7.7 | 12.2 | 8.1 |
| 46 | 6.4 | 4.7 | 7.4 | 5.4 | 8.3 | 6.7 | 9.3 | 7.0 | 10.2 | 7.7 | 11.0 | 7.9 | 11.2 | 7.8 | 11.7 | 7.6 | 11.9 | 8.0 |

# ■ Model: AUXK045GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.7 | 9.6 | 16.7 | 10.3 |
| -10 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.7 | 9.6 | 16.7 | 10.3 |
| -5 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.7 | 9.6 | 16.7 | 10.3 |
| 0 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.7 | 9.6 | 16.7 | 10.3 |
| 5 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.7 | 9.6 | 16.7 | 10.3 |
| 10 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.7 | 9.6 | 16.7 | 10.3 |
| 15 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.7 | 9.6 | 16.7 | 10.3 |
| 21 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.7 | 9.6 | 16.3 | 10.1 |
| 23 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.7 | 9.6 | 16.0 | 10.0 |
| 25 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.5 | 9.6 | 15.8 | 9.9 |
| 27 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.3 | 9.4 | 15.6 | 9.9 |
| 30 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 15.0 | 9.3 | 15.2 | 9.7 |
| 33 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 14.6 | 9.2 | 14.9 | 9.6 |
| 35 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 14.3 | 9.1 | 14.6 | 9.5 |
| 37 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.5 | 9.2 | 14.1 | 9.0 | 14.4 | 9.4 |
| 40 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 13.2 | 9.1 | 13.8 | 8.9 | 14.0 | 9.3 |
| 43 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.5 | 9.0 | 12.9 | 8.9 | 13.4 | 8.7 | 13.7 | 9.1 |
| 46 | 7.2 | 5.2 | 8.2 | 6.2 | 9.3 | 7.6 | 10.4 | 7.9 | 11.4 | 8.7 | 12.3 | 8.9 | 12.5 | 8.8 | 13.0 | 8.6 | 13.3 | 9.0 |

# ■ Model: AUXK054GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.6 | 10.9 | 18.8 | 11.7 |
| -10 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.6 | 10.9 | 18.8 | 11.7 |
| -5 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.6 | 10.9 | 18.8 | 11.7 |
| 0 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.6 | 10.9 | 18.8 | 11.7 |
| 5 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.6 | 10.9 | 18.8 | 11.7 |
| 10 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.6 | 10.9 | 18.8 | 11.7 |
| 15 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.6 | 10.9 | 18.8 | 11.7 |
| 21 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.6 | 10.9 | 18.3 | 11.5 |
| 23 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.6 | 10.9 | 18.0 | 11.4 |
| 25 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.4 | 10.9 | 17.7 | 11.3 |
| 27 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 17.1 | 10.8 | 17.5 | 11.2 |
| 30 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 16.8 | 10.6 | 17.1 | 11.1 |
| 33 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 16.4 | 10.5 | 16.7 | 10.9 |
| 35 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 16.1 | 10.3 | 16.4 | 10.8 |
| 37 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 15.2 | 10.5 | 15.8 | 10.2 | 16.1 | 10.7 |
| 40 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 14.8 | 10.3 | 15.4 | 10.1 | 15.7 | 10.6 |
| 43 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 14.0 | 10.2 | 14.4 | 10.2 | 15.0 | 9.9 | 15.3 | 10.4 |
| 46 | 8.0 | 6.0 | 9.2 | 7.0 | 10.4 | 8.7 | 11.6 | 9.0 | 12.8 | 10.0 | 13.8 | 10.1 | 14.0 | 10.0 | 14.6 | 9.8 | 14.9 | 10.3 |

# 2-4. 3D flow cassette type

## ■ Model: AUXS018GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.5 | 4.7 |
| 15 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.5 | 4.7 |
| 21 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.3 | 4.6 |
| 23 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.2 | 4.5 |
| 25 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.1 | 4.5 |
| 27 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 6.8 | 4.3 | 7.0 | 4.5 |
| 30 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 6.7 | 4.2 | 6.8 | 4.4 |
| 33 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 6.5 | 4.1 | 6.7 | 4.3 |
| 35 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 6.4 | 4.1 | 6.5 | 4.3 |
| 37 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 6.3 | 4.1 | 6.4 | 4.2 |
| 40 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 5.9 | 4.1 | 6.2 | 4.0 | 6.3 | 4.2 |
| 43 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 5.8 | 4.0 | 6.0 | 3.9 | 6.1 | 4.1 |
| 46 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.5 | 4.0 | 5.6 | 4.0 | 5.8 | 3.9 | 5.9 | 4.1 |

## ■ Model: AUXS024GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.7 | 5.1 | 8.9 | 5.3 | 9.5 | 5.7 |
| 15 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.7 | 5.1 | 8.9 | 5.3 | 9.5 | 5.7 |
| 21 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.7 | 5.1 | 8.9 | 5.3 | 9.3 | 5.6 |
| 23 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.7 | 5.1 | 8.9 | 5.3 | 9.1 | 5.5 |
| 25 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.7 | 5.1 | 8.8 | 5.3 | 9.0 | 5.5 |
| 27 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.7 | 5.1 | 8.7 | 5.2 | 8.8 | 5.4 |
| 30 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.7 | 5.1 | 8.5 | 5.1 | 8.6 | 5.3 |
| 33 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.7 | 5.1 | 8.3 | 5.1 | 8.4 | 5.3 |
| 35 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.7 | 5.1 | 8.1 | 5.0 | 8.3 | 5.2 |
| 37 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.7 | 5.1 | 8.0 | 4.9 | 8.2 | 5.1 |
| 40 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.5 | 5.0 | 7.8 | 4.9 | 8.0 | 5.1 |
| 43 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.1 | 4.9 | 7.3 | 4.9 | 7.6 | 4.8 | 7.8 | 5.0 |
| 46 | 4.1 | 2.9 | 4.7 | 3.4 | 5.3 | 4.1 | 5.9 | 4.3 | 6.5 | 4.8 | 7.0 | 4.9 | 7.1 | 4.8 | 7.4 | 4.7 | 7.5 | 4.9 |

# 2-5. One way flow cassette type

## ■ Model: AUXV004GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 21 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 1.0 |
| 23 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 1.0 |
| 25 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 0.9 |
| 27 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.4 | 0.9 |
| 30 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 33 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 35 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 37 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 |
| 40 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.8 | 1.2 | 0.9 |
| 43 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.1 | 0.8 | 1.2 | 0.8 | 1.2 | 0.9 |
| 46 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.8 | 1.1 | 0.8 | 1.1 | 0.8 | 1.2 | 0.9 |

## ■ Model: AUXV007GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 15 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 21 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 23 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.8 | 1.9 |
| 25 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.7 | 1.8 | 2.8 | 1.9 |
| 27 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.7 | 1.8 | 2.7 | 1.9 |
| 30 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.6 | 1.7 | 2.7 | 1.8 |
| 33 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.6 | 1.7 | 2.6 | 1.8 |
| 35 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.5 | 1.7 | 2.6 | 1.8 |
| 37 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.5 | 1.7 | 2.5 | 1.8 |
| 40 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.3 | 1.7 | 2.4 | 1.7 | 2.5 | 1.8 |
| 43 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.3 | 1.7 | 2.4 | 1.6 | 2.4 | 1.7 |
| 46 | 1.3 | 1.0 | 1.4 | 1.2 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.2 | 1.7 | 2.3 | 1.6 | 2.3 | 1.7 |

## ■ Model: AUXV009GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 15 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 21 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.5 | 2.3 | 3.7 | 2.4 |
| 23 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.5 | 2.3 | 3.6 | 2.4 |
| 25 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.5 | 2.3 | 3.5 | 2.4 |
| 27 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.4 | 2.2 | 3.5 | 2.4 |
| 30 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.4 | 2.2 | 3.4 | 2.3 |
| 33 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.3 | 2.2 | 3.3 | 2.3 |
| 35 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.2 | 2.2 | 3.3 | 2.3 |
| 37 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.2 | 2.1 | 3.2 | 2.3 |
| 40 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.1 | 2.1 | 3.1 | 2.2 |
| 43 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 2.9 | 2.1 | 3.0 | 2.1 | 3.1 | 2.2 |
| 46 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 2.8 | 2.1 | 2.9 | 2.1 | 3.0 | 2.2 |

## ■ Model: AUXV012GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.5 | 2.8 | 4.8 | 3.0 |
| 15 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.5 | 2.8 | 4.8 | 3.0 |
| 21 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.5 | 2.8 | 4.7 | 2.9 |
| 23 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.5 | 2.8 | 4.6 | 2.9 |
| 25 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.5 | 2.8 | 4.6 | 2.9 |
| 27 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.4 | 2.7 | 4.5 | 2.9 |
| 30 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.3 | 2.7 | 4.4 | 2.8 |
| 33 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.2 | 2.7 | 4.3 | 2.8 |
| 35 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.1 | 2.6 | 4.2 | 2.8 |
| 37 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.1 | 2.6 | 4.1 | 2.7 |
| 40 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.8 | 2.6 | 4.0 | 2.6 | 4.0 | 2.7 |
| 43 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.7 | 2.6 | 3.9 | 2.5 | 3.9 | 2.7 |
| 46 | 2.1 | 1.5 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.5 | 2.6 | 3.6 | 2.5 | 3.8 | 2.5 | 3.8 | 2.6 |

MODEL SELECTION

# ■ Model: AUXV014GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.6 | 3.4 | 6.0 | 3.7 |
| 15 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.6 | 3.4 | 6.0 | 3.7 |
| 21 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.6 | 3.4 | 5.9 | 3.6 |
| 23 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.6 | 3.4 | 5.8 | 3.6 |
| 25 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.6 | 3.4 | 5.7 | 3.5 |
| 27 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.5 | 3.3 | 5.6 | 3.5 |
| 30 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.4 | 3.3 | 5.5 | 3.4 |
| 33 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.3 | 3.3 | 5.4 | 3.4 |
| 35 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.2 | 3.2 | 5.3 | 3.3 |
| 37 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.9 | 3.3 | 5.1 | 3.2 | 5.2 | 3.3 |
| 40 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.8 | 3.2 | 5.0 | 3.1 | 5.0 | 3.3 |
| 43 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.5 | 3.2 | 4.6 | 3.2 | 4.8 | 3.1 | 4.9 | 3.2 |
| 46 | 2.6 | 1.9 | 3.0 | 2.2 | 3.3 | 2.7 | 3.7 | 2.8 | 4.1 | 3.1 | 4.4 | 3.1 | 4.5 | 3.1 | 4.7 | 3.0 | 4.8 | 3.2 |

# ■ Model: AUXV018GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.5 | 4.7 |
| 15 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.5 | 4.7 |
| 21 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.3 | 4.6 |
| 23 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.2 | 4.5 |
| 25 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.1 | 4.5 |
| 27 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 6.8 | 4.3 | 7.0 | 4.5 |
| 30 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 6.7 | 4.2 | 6.8 | 4.4 |
| 33 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 6.5 | 4.1 | 6.7 | 4.3 |
| 35 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 6.4 | 4.1 | 6.5 | 4.3 |
| 37 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 6.1 | 4.2 | 6.3 | 4.1 | 6.4 | 4.2 |
| 40 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 5.9 | 4.1 | 6.2 | 4.0 | 6.3 | 4.2 |
| 43 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.6 | 4.1 | 5.8 | 4.0 | 6.0 | 3.9 | 6.1 | 4.1 |
| 46 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 3.9 | 5.5 | 4.0 | 5.6 | 4.0 | 5.8 | 3.9 | 5.9 | 4.1 |

# ■ Model: AUXV024GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.7 | 5.4 | 8.9 | 5.6 | 9.5 | 6.0 |
| 15 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.7 | 5.4 | 8.9 | 5.6 | 9.5 | 6.0 |
| 21 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.7 | 5.4 | 8.9 | 5.6 | 9.3 | 5.9 |
| 23 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.7 | 5.4 | 8.9 | 5.6 | 9.1 | 5.9 |
| 25 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.7 | 5.4 | 8.8 | 5.6 | 9.0 | 5.8 |
| 27 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.7 | 5.4 | 8.7 | 5.5 | 8.8 | 5.8 |
| 30 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.7 | 5.4 | 8.5 | 5.5 | 8.6 | 5.7 |
| 33 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.7 | 5.4 | 8.3 | 5.4 | 8.4 | 5.6 |
| 35 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.7 | 5.4 | 8.1 | 5.3 | 8.3 | 5.6 |
| 37 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.7 | 5.4 | 8.0 | 5.3 | 8.2 | 5.5 |
| 40 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.5 | 5.3 | 7.8 | 5.2 | 8.0 | 5.5 |
| 43 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.1 | 5.3 | 7.3 | 5.3 | 7.6 | 5.1 | 7.8 | 5.4 |
| 46 | 4.1 | 3.1 | 4.7 | 3.6 | 5.3 | 4.5 | 5.9 | 4.7 | 6.5 | 5.1 | 7.0 | 5.2 | 7.1 | 5.2 | 7.4 | 5.1 | 7.5 | 5.3 |

# 2-6. Low static pressure duct (Mini duct) type

## ■ Model: ARXK004GLGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| -10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| -5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 0 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 21 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 1.0 |
| 23 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 1.0 |
| 25 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 1.0 |
| 27 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.4 | 1.0 |
| 30 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 33 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 35 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 37 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 |
| 40 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 |
| 43 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 |
| 46 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.1 | 0.8 | 1.2 | 0.9 |

## ■ Model: ARXK007GLGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 15 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 21 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 23 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.8 | 1.8 |
| 25 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.4 | 1.6 | 2.7 | 1.7 | 2.8 | 1.7 |
| 27 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.4 | 1.6 | 2.7 | 1.7 | 2.7 | 1.7 |
| 30 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.4 | 1.6 | 2.6 | 1.6 | 2.7 | 1.7 |
| 33 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.4 | 1.6 | 2.6 | 1.6 | 2.6 | 1.7 |
| 35 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.4 | 1.6 | 2.5 | 1.6 | 2.6 | 1.7 |
| 37 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.4 | 1.6 | 2.5 | 1.6 | 2.5 | 1.7 |
| 40 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.3 | 1.6 | 2.4 | 1.6 | 2.5 | 1.6 |
| 43 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.6 | 2.3 | 1.6 | 2.4 | 1.5 | 2.4 | 1.6 |
| 46 | 1.4 | 1.1 | 1.6 | 1.3 | 1.8 | 1.4 | 2.0 | 1.5 | 2.2 | 1.5 | 2.2 | 1.5 | 2.3 | 1.5 | 2.3 | 1.6 |

## ■ Model: ARXK009GLGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.1 | 3.5 | 2.1 | 3.8 | 2.3 |
| 15 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.1 | 3.5 | 2.1 | 3.8 | 2.3 |
| 21 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.1 | 3.5 | 2.1 | 3.7 | 2.3 |
| 23 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.1 | 3.5 | 2.1 | 3.6 | 2.2 |
| 25 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.1 | 3.5 | 2.1 | 3.5 | 2.2 |
| 27 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.1 | 3.4 | 2.1 | 3.5 | 2.2 |
| 30 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.1 | 3.4 | 2.1 | 3.4 | 2.2 |
| 33 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.1 | 3.3 | 2.1 | 3.3 | 2.1 |
| 35 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.1 | 3.2 | 2.0 | 3.3 | 2.1 |
| 37 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.1 | 3.2 | 2.0 | 3.2 | 2.1 |
| 40 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 3.0 | 2.0 | 3.1 | 2.0 | 3.1 | 2.1 |
| 43 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 2.9 | 2.0 | 3.0 | 1.9 | 3.1 | 2.0 |
| 46 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 1.9 | 2.8 | 2.0 | 2.8 | 2.0 | 2.9 | 1.9 | 3.0 | 2.0 |

## ■ Model: ARXK012GLGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.5 | 2.8 | 4.8 | 3.0 |
| 15 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.5 | 2.8 | 4.8 | 3.0 |
| 21 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.5 | 2.8 | 4.7 | 2.9 |
| 23 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.5 | 2.8 | 4.6 | 2.9 |
| 25 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.5 | 2.8 | 4.6 | 2.9 |
| 27 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.4 | 2.7 | 4.5 | 2.8 |
| 30 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.3 | 2.7 | 4.4 | 2.8 |
| 33 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.2 | 2.6 | 4.3 | 2.8 |
| 35 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.1 | 2.6 | 4.2 | 2.7 |
| 37 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.9 | 2.7 | 4.1 | 2.6 | 4.1 | 2.7 |
| 40 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.8 | 2.6 | 4.0 | 2.6 | 4.0 | 2.7 |
| 43 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.6 | 2.6 | 3.7 | 2.6 | 3.9 | 2.5 | 3.9 | 2.6 |
| 46 | 2.4 | 1.8 | 2.7 | 2.2 | 3.0 | 2.3 | 3.3 | 2.5 | 3.5 | 2.5 | 3.6 | 2.5 | 3.8 | 2.5 | 3.8 | 2.6 |

# ■ Model: ARXK014GLGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.9 | 3.4 | 5.6 | 3.5 | 6.0 | 3.8 |
| 15 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.9 | 3.4 | 5.6 | 3.5 | 6.0 | 3.8 |
| 21 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.9 | 3.4 | 5.6 | 3.5 | 5.9 | 3.7 |
| 23 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.9 | 3.4 | 5.6 | 3.5 | 5.8 | 3.7 |
| 25 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.9 | 3.4 | 5.6 | 3.5 | 5.7 | 3.6 |
| 27 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.9 | 3.4 | 5.5 | 3.4 | 5.6 | 3.6 |
| 30 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.9 | 3.4 | 5.4 | 3.4 | 5.5 | 3.5 |
| 33 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.9 | 3.4 | 5.3 | 3.3 | 5.4 | 3.5 |
| 35 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.9 | 3.4 | 5.2 | 3.3 | 5.3 | 3.5 |
| 37 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.9 | 3.4 | 5.1 | 3.3 | 5.2 | 3.4 |
| 40 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.8 | 3.3 | 5.0 | 3.2 | 5.0 | 3.4 |
| 43 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.5 | 3.3 | 4.6 | 3.3 | 4.8 | 3.2 | 4.9 | 3.3 |
| 46 | 3.0 | 2.2 | 3.3 | 2.8 | 3.7 | 2.9 | 4.1 | 3.2 | 4.4 | 3.2 | 4.5 | 3.2 | 4.7 | 3.1 | 4.8 | 3.3 |

# ■ Model: ARXK018GLGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.5 | 4.7 |
| 15 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.5 | 4.7 |
| 21 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.3 | 4.6 |
| 23 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.2 | 4.6 |
| 25 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.1 | 4.5 |
| 27 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 6.8 | 4.3 | 7.0 | 4.5 |
| 30 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 6.7 | 4.3 | 6.8 | 4.5 |
| 33 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 6.5 | 4.2 | 6.7 | 4.4 |
| 35 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 6.4 | 4.2 | 6.5 | 4.3 |
| 37 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 6.3 | 4.1 | 6.4 | 4.3 |
| 40 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 5.9 | 4.2 | 6.2 | 4.1 | 6.3 | 4.3 |
| 43 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 5.8 | 4.1 | 6.0 | 4.0 | 6.1 | 4.2 |
| 46 | 3.7 | 2.8 | 4.2 | 3.5 | 4.6 | 3.6 | 5.1 | 4.0 | 5.5 | 4.0 | 5.6 | 4.0 | 5.8 | 3.9 | 5.9 | 4.1 |

# ■ Model: ARXK024GLGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 15 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.5 | 5.9 |
| 21 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.3 | 5.8 |
| 23 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.9 | 5.5 | 9.1 | 5.8 |
| 25 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.8 | 5.5 | 9.0 | 5.7 |
| 27 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.7 | 5.4 | 8.9 | 5.7 |
| 30 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.5 | 5.3 | 8.6 | 5.6 |
| 33 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.3 | 5.3 | 8.4 | 5.5 |
| 35 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.1 | 5.2 | 8.3 | 5.4 |
| 37 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.7 | 5.3 | 8.0 | 5.2 | 8.2 | 5.4 |
| 40 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.5 | 5.2 | 7.8 | 5.1 | 8.0 | 5.3 |
| 43 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.1 | 5.2 | 7.3 | 5.1 | 7.6 | 5.0 | 7.8 | 5.2 |
| 46 | 4.7 | 3.5 | 5.3 | 4.4 | 5.9 | 4.5 | 6.5 | 5.0 | 7.0 | 5.1 | 7.1 | 5.0 | 7.4 | 4.9 | 7.5 | 5.2 |

# 2-7. Low static pressure duct (Slim duct)/Slim concealed floor type



MODEL SELECTION

## ■ Model: ARXD007GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.4 | 1.8 | 2.8 | 1.9 | 2.9 | 2.1 |
| 15 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.4 | 1.8 | 2.8 | 1.9 | 2.9 | 2.1 |
| 21 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.4 | 1.8 | 2.8 | 1.9 | 2.9 | 2.0 |
| 23 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.4 | 1.8 | 2.8 | 1.9 | 2.8 | 2.0 |
| 25 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.4 | 1.8 | 2.7 | 1.9 | 2.8 | 2.0 |
| 27 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.4 | 1.8 | 2.7 | 1.9 | 2.7 | 2.0 |
| 30 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.4 | 1.8 | 2.6 | 1.9 | 2.7 | 2.0 |
| 33 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.4 | 1.8 | 2.6 | 1.8 | 2.6 | 1.9 |
| 35 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.4 | 1.8 | 2.5 | 1.8 | 2.6 | 1.9 |
| 37 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.4 | 1.8 | 2.5 | 1.8 | 2.5 | 1.9 |
| 40 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.3 | 1.8 | 2.4 | 1.8 | 2.5 | 1.9 |
| 43 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.3 | 1.8 | 2.4 | 1.8 | 2.4 | 1.9 |
| 46 | 1.4 | 1.2 | 1.6 | 1.5 | 1.8 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 2.2 | 1.8 | 2.3 | 1.7 | 2.3 | 1.8 |

## ■ Model: ARXD009GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.4 |
| 15 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.4 |
| 21 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.5 | 2.3 | 3.7 | 2.4 |
| 23 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.5 | 2.3 | 3.6 | 2.4 |
| 25 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.5 | 2.3 | 3.5 | 2.4 |
| 27 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.4 | 2.2 | 3.5 | 2.3 |
| 30 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.4 | 2.2 | 3.4 | 2.3 |
| 33 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.3 | 2.2 | 3.3 | 2.3 |
| 35 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.2 | 2.2 | 3.3 | 2.3 |
| 37 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.2 | 2.1 | 3.2 | 2.2 |
| 40 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 3.0 | 2.2 | 3.1 | 2.1 | 3.1 | 2.2 |
| 43 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 2.9 | 2.1 | 3.0 | 2.1 | 3.1 | 2.2 |
| 46 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 2.8 | 2.1 | 2.9 | 2.1 | 3.0 | 2.2 |

## ■ Model: ARXD012GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.5 | 2.8 | 4.8 | 3.1 |
| 15 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.5 | 2.8 | 4.8 | 3.1 |
| 21 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.5 | 2.8 | 4.7 | 3.0 |
| 23 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.5 | 2.8 | 4.6 | 3.0 |
| 25 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.5 | 2.8 | 4.6 | 3.0 |
| 27 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.4 | 2.8 | 4.5 | 2.9 |
| 30 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.3 | 2.8 | 4.4 | 2.9 |
| 33 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.2 | 2.7 | 4.3 | 2.9 |
| 35 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.1 | 2.7 | 4.2 | 2.8 |
| 37 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.7 | 4.1 | 2.7 | 4.1 | 2.8 |
| 40 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.8 | 2.7 | 4.0 | 2.6 | 4.0 | 2.8 |
| 43 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.7 | 2.7 | 3.9 | 2.6 | 3.9 | 2.7 |
| 46 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.5 | 2.7 | 3.6 | 2.6 | 3.8 | 2.6 | 3.8 | 2.7 |

## ■ Model: ARXD014GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.9 | 3.5 | 5.6 | 3.6 | 6.0 | 3.9 |
| 15 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.9 | 3.5 | 5.6 | 3.6 | 6.0 | 3.9 |
| 21 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.9 | 3.5 | 5.6 | 3.6 | 5.9 | 3.9 |
| 23 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.9 | 3.5 | 5.6 | 3.6 | 5.8 | 3.8 |
| 25 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.9 | 3.5 | 5.6 | 3.6 | 5.7 | 3.8 |
| 27 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.9 | 3.5 | 5.5 | 3.6 | 5.6 | 3.8 |
| 30 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.9 | 3.5 | 5.4 | 3.5 | 5.5 | 3.7 |
| 33 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.9 | 3.5 | 5.3 | 3.5 | 5.4 | 3.7 |
| 35 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.9 | 3.5 | 5.2 | 3.5 | 5.3 | 3.6 |
| 37 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.9 | 3.5 | 5.1 | 3.4 | 5.2 | 3.6 |
| 40 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.8 | 3.5 | 5.0 | 3.4 | 5.0 | 3.6 |
| 43 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.5 | 3.4 | 4.6 | 3.4 | 4.8 | 3.4 | 4.9 | 3.5 |
| 46 | 3.0 | 2.4 | 3.3 | 2.9 | 3.7 | 3.0 | 4.1 | 3.4 | 4.4 | 3.4 | 4.5 | 3.4 | 4.7 | 3.3 | 4.8 | 3.5 |

# ■ Model: ARXD018GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.5 | 4.8 |
| 15 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.5 | 4.8 |
| 21 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.3 | 4.7 |
| 23 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.2 | 4.7 |
| 25 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.1 | 4.6 |
| 27 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 6.8 | 4.4 | 7.0 | 4.6 |
| 30 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 6.7 | 4.3 | 6.8 | 4.5 |
| 33 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 6.5 | 4.3 | 6.7 | 4.5 |
| 35 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 6.4 | 4.2 | 6.5 | 4.4 |
| 37 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 6.3 | 4.2 | 6.4 | 4.4 |
| 40 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 5.9 | 4.2 | 6.2 | 4.1 | 6.3 | 4.3 |
| 43 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 5.8 | 4.2 | 6.0 | 4.1 | 6.1 | 4.3 |
| 46 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.5 | 4.2 | 5.6 | 4.1 | 5.8 | 4.0 | 5.9 | 4.2 |

# ■ Model: ARXD024GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.7 | 5.8 | 8.9 | 6.0 | 9.5 | 6.5 |
| 15 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.7 | 5.8 | 8.9 | 6.0 | 9.5 | 6.5 |
| 21 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.7 | 5.8 | 8.9 | 6.0 | 9.3 | 6.4 |
| 23 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.7 | 5.8 | 8.9 | 6.0 | 9.1 | 6.4 |
| 25 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.7 | 5.8 | 8.8 | 6.0 | 9.0 | 6.3 |
| 27 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.7 | 5.8 | 8.7 | 5.9 | 8.8 | 6.3 |
| 30 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.7 | 5.8 | 8.5 | 5.9 | 8.6 | 6.2 |
| 33 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.7 | 5.8 | 8.3 | 5.8 | 8.4 | 6.1 |
| 35 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.7 | 5.8 | 8.1 | 5.8 | 8.3 | 6.1 |
| 37 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.7 | 5.8 | 8.0 | 5.7 | 8.2 | 6.0 |
| 40 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.5 | 5.8 | 7.8 | 5.7 | 8.0 | 6.0 |
| 43 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.1 | 5.7 | 7.3 | 5.7 | 7.6 | 5.6 | 7.8 | 5.9 |
| 46 | 4.7 | 3.9 | 5.3 | 4.9 | 5.9 | 5.0 | 6.5 | 5.6 | 7.0 | 5.7 | 7.1 | 5.6 | 7.4 | 5.5 | 7.5 | 5.8 |

# 2-8. Low static pressure duct (High efficiency) type

## ■ Model: ARXP018GLFH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.5 | 4.7 |
| -10 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.5 | 4.7 |
| -5 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.5 | 4.7 |
| 0 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.5 | 4.7 |
| 5 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.5 | 4.7 |
| 10 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.5 | 4.7 |
| 15 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.5 | 4.7 |
| 21 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.3 | 4.6 |
| 23 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.4 | 7.2 | 4.5 |
| 25 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 7.0 | 4.3 | 7.1 | 4.5 |
| 27 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 6.8 | 4.3 | 7.0 | 4.5 |
| 30 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 6.7 | 4.2 | 6.8 | 4.4 |
| 33 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 6.5 | 4.2 | 6.7 | 4.4 |
| 35 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 6.4 | 4.1 | 6.5 | 4.3 |
| 37 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 6.1 | 4.2 | 6.3 | 4.1 | 6.4 | 4.3 |
| 40 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 5.9 | 4.1 | 6.2 | 4.0 | 6.3 | 4.2 |
| 43 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.6 | 4.1 | 5.8 | 4.0 | 6.0 | 4.0 | 6.1 | 4.1 |
| 46 | 3.2 | 2.4 | 3.7 | 2.8 | 4.2 | 3.4 | 4.6 | 3.6 | 5.1 | 4.0 | 5.5 | 4.0 | 5.6 | 4.0 | 5.8 | 3.9 | 5.9 | 4.1 |

## ■ Model: ARXP030GLFH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.3 | 7.1 | 12.1 | 7.6 |
| -10 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.3 | 7.1 | 12.1 | 7.6 |
| -5 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.3 | 7.1 | 12.1 | 7.6 |
| 0 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.3 | 7.1 | 12.1 | 7.6 |
| 5 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.3 | 7.1 | 12.1 | 7.6 |
| 10 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.3 | 7.1 | 12.1 | 7.6 |
| 15 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.3 | 7.1 | 12.1 | 7.6 |
| 21 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.3 | 7.1 | 11.7 | 7.5 |
| 23 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.3 | 7.1 | 11.5 | 7.4 |
| 25 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.2 | 7.1 | 11.4 | 7.4 |
| 27 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 11.0 | 7.0 | 11.2 | 7.3 |
| 30 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 10.8 | 6.9 | 11.0 | 7.2 |
| 33 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 10.5 | 6.8 | 10.7 | 7.1 |
| 35 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 10.3 | 6.7 | 10.5 | 7.0 |
| 37 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.7 | 6.8 | 10.2 | 6.7 | 10.4 | 7.0 |
| 40 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.5 | 6.7 | 9.9 | 6.6 | 10.1 | 6.9 |
| 43 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 9.0 | 6.6 | 9.3 | 6.6 | 9.6 | 6.5 | 9.8 | 6.8 |
| 46 | 5.2 | 3.9 | 5.9 | 4.5 | 6.7 | 5.6 | 7.5 | 5.8 | 8.2 | 6.5 | 8.8 | 6.6 | 9.0 | 6.5 | 9.4 | 6.4 | 9.5 | 6.7 |

# 2-9. Medium static pressure duct type

## ■ Model: ARXA024GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.5 | 6.3 |
| 15 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.5 | 6.3 |
| 21 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.3 | 6.2 |
| 23 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.7 | 5.7 | 8.9 | 5.9 | 9.1 | 6.2 |
| 25 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.7 | 5.7 | 8.8 | 5.8 | 9.0 | 6.1 |
| 27 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.7 | 5.7 | 8.7 | 5.8 | 8.8 | 6.1 |
| 30 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.7 | 5.7 | 8.5 | 5.7 | 8.6 | 6.0 |
| 33 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.7 | 5.7 | 8.3 | 5.7 | 8.4 | 5.9 |
| 35 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.7 | 5.7 | 8.1 | 5.6 | 8.3 | 5.9 |
| 37 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.7 | 5.7 | 8.0 | 5.5 | 8.2 | 5.8 |
| 40 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.5 | 5.6 | 7.8 | 5.5 | 8.0 | 5.8 |
| 43 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.1 | 5.6 | 7.3 | 5.5 | 7.6 | 5.4 | 7.8 | 5.7 |
| 46 | 4.7 | 3.8 | 5.3 | 4.7 | 5.9 | 4.9 | 6.5 | 5.4 | 7.0 | 5.5 | 7.1 | 5.5 | 7.4 | 5.3 | 7.5 | 5.6 |

## ■ Model: ARXA030GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.7 | 6.8 | 11.3 | 7.1 | 12.1 | 7.6 |
| 15 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.7 | 6.8 | 11.3 | 7.1 | 12.1 | 7.6 |
| 21 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.7 | 6.8 | 11.3 | 7.1 | 11.7 | 7.5 |
| 23 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.7 | 6.8 | 11.3 | 7.1 | 11.5 | 7.4 |
| 25 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.7 | 6.8 | 11.2 | 7.1 | 11.4 | 7.4 |
| 27 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.7 | 6.8 | 11.0 | 7.0 | 11.2 | 7.3 |
| 30 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.7 | 6.8 | 10.8 | 6.9 | 11.0 | 7.2 |
| 33 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.7 | 6.8 | 10.5 | 6.8 | 10.7 | 7.1 |
| 35 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.7 | 6.8 | 10.3 | 6.7 | 10.5 | 7.0 |
| 37 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.7 | 6.8 | 10.2 | 6.7 | 10.4 | 7.0 |
| 40 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.5 | 6.7 | 9.9 | 6.6 | 10.1 | 6.9 |
| 43 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 9.0 | 6.7 | 9.3 | 6.6 | 9.6 | 6.5 | 9.8 | 6.8 |
| 46 | 5.9 | 4.6 | 6.7 | 5.6 | 7.5 | 5.9 | 8.2 | 6.5 | 8.8 | 6.6 | 9.0 | 6.5 | 9.4 | 6.4 | 9.5 | 6.7 |

## ■ Model: ARXA036GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 14.0 | 8.7 | 15.0 | 9.5 |
| 15 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 14.0 | 8.7 | 15.0 | 9.5 |
| 21 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 14.0 | 8.7 | 14.6 | 9.4 |
| 23 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 14.0 | 8.7 | 14.4 | 9.3 |
| 25 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 13.9 | 8.7 | 14.2 | 9.2 |
| 27 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 13.7 | 8.6 | 14.0 | 9.1 |
| 30 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 13.4 | 8.4 | 13.6 | 9.0 |
| 33 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 13.1 | 8.3 | 13.3 | 8.9 |
| 35 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 12.8 | 8.2 | 13.1 | 8.8 |
| 37 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 12.6 | 8.2 | 12.9 | 8.7 |
| 40 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 11.8 | 8.3 | 12.3 | 8.0 | 12.6 | 8.6 |
| 43 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.2 | 8.2 | 11.5 | 8.2 | 12.0 | 7.9 | 12.2 | 8.5 |
| 46 | 7.4 | 5.7 | 8.3 | 7.0 | 9.3 | 7.3 | 10.2 | 8.0 | 11.0 | 8.1 | 11.2 | 8.1 | 11.7 | 7.8 | 11.9 | 8.4 |

## ■ Model: ARXA045GLEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.5 | 9.5 | 15.7 | 9.9 | 16.7 | 10.6 |
| 15 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.5 | 9.5 | 15.7 | 9.9 | 16.7 | 10.6 |
| 21 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.5 | 9.5 | 15.7 | 9.9 | 16.3 | 10.5 |
| 23 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.5 | 9.5 | 15.7 | 9.9 | 16.0 | 10.4 |
| 25 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.5 | 9.5 | 15.5 | 9.8 | 15.8 | 10.3 |
| 27 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.5 | 9.5 | 15.3 | 9.7 | 15.6 | 10.2 |
| 30 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.5 | 9.5 | 15.0 | 9.6 | 15.2 | 10.0 |
| 33 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.5 | 9.5 | 14.6 | 9.5 | 14.9 | 9.9 |
| 35 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.5 | 9.5 | 14.3 | 9.4 | 14.6 | 9.8 |
| 37 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.5 | 9.5 | 14.1 | 9.3 | 14.4 | 9.7 |
| 40 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 13.2 | 9.4 | 13.8 | 9.2 | 14.0 | 9.6 |
| 43 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.5 | 9.3 | 12.9 | 9.3 | 13.4 | 9.0 | 13.7 | 9.5 |
| 46 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.0 | 12.3 | 9.2 | 12.5 | 9.1 | 13.0 | 8.9 | 13.3 | 9.4 |

# 2-10. High static pressure duct type

## ■ Model: ARXC036GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 14.0 | 8.8 | 15.0 | 9.4 |
| 15 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 14.0 | 8.8 | 15.0 | 9.4 |
| 21 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 14.0 | 8.8 | 14.6 | 9.3 |
| 23 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 14.0 | 8.8 | 14.4 | 9.2 |
| 25 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 13.9 | 8.7 | 14.2 | 9.1 |
| 27 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 13.7 | 8.6 | 14.0 | 9.0 |
| 30 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 13.4 | 8.5 | 13.6 | 8.9 |
| 33 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 13.1 | 8.4 | 13.3 | 8.8 |
| 35 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 12.8 | 8.3 | 13.1 | 8.7 |
| 37 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 12.1 | 8.4 | 12.6 | 8.2 | 12.9 | 8.6 |
| 40 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 11.8 | 8.3 | 12.3 | 8.1 | 12.6 | 8.5 |
| 43 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.2 | 8.2 | 11.5 | 8.2 | 12.0 | 8.0 | 12.2 | 8.4 |
| 46 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 8.0 | 11.0 | 8.2 | 11.2 | 8.1 | 11.7 | 7.9 | 11.9 | 8.3 |

## ■ Model: ARXC045GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.5 | 10.9 | 15.7 | 11.3 | 16.7 | 12.2 |
| 15 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.5 | 10.9 | 15.7 | 11.3 | 16.7 | 12.2 |
| 21 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.5 | 10.9 | 15.7 | 11.3 | 16.3 | 12.0 |
| 23 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.5 | 10.9 | 15.7 | 11.3 | 16.0 | 11.9 |
| 25 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.5 | 10.9 | 15.5 | 11.2 | 15.8 | 11.8 |
| 27 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.5 | 10.9 | 15.3 | 11.1 | 15.6 | 11.8 |
| 30 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.5 | 10.9 | 15.0 | 11.0 | 15.2 | 11.6 |
| 33 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.5 | 10.9 | 14.6 | 10.9 | 14.9 | 11.5 |
| 35 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.5 | 10.9 | 14.3 | 10.8 | 14.6 | 11.4 |
| 37 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.5 | 10.9 | 14.1 | 10.7 | 14.4 | 11.4 |
| 40 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 13.2 | 10.8 | 13.8 | 10.6 | 14.0 | 11.3 |
| 43 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.5 | 10.8 | 12.9 | 10.7 | 13.4 | 10.5 | 13.7 | 11.2 |
| 46 | 8.2 | 7.3 | 9.3 | 9.2 | 10.4 | 9.5 | 11.4 | 10.5 | 12.3 | 10.6 | 12.5 | 10.6 | 13.0 | 10.4 | 13.3 | 11.1 |

## ■ Model: ARXC060GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.5 | 14.6 | 22.6 | 15.1 | 24.1 | 16.2 |
| 15 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.5 | 14.6 | 22.6 | 15.1 | 24.1 | 16.2 |
| 21 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.5 | 14.6 | 22.6 | 15.1 | 23.5 | 16.0 |
| 23 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.5 | 14.6 | 22.6 | 15.1 | 23.1 | 15.9 |
| 25 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.5 | 14.6 | 22.4 | 15.0 | 22.8 | 15.8 |
| 27 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.5 | 14.6 | 22.0 | 14.8 | 22.4 | 15.6 |
| 30 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.5 | 14.6 | 21.5 | 14.7 | 21.9 | 15.5 |
| 33 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.5 | 14.6 | 21.0 | 14.5 | 21.4 | 15.3 |
| 35 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.5 | 14.6 | 20.6 | 14.4 | 21.0 | 15.1 |
| 37 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.5 | 14.6 | 20.3 | 14.3 | 20.7 | 15.1 |
| 40 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 19.0 | 14.4 | 19.8 | 14.1 | 20.2 | 14.9 |
| 43 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 18.0 | 14.3 | 18.5 | 14.2 | 19.3 | 13.9 | 19.7 | 14.7 |
| 46 | 11.8 | 9.7 | 13.4 | 12.2 | 14.9 | 12.6 | 16.5 | 13.9 | 17.7 | 14.0 | 18.0 | 14.1 | 18.8 | 13.8 | 19.1 | 14.6 |

## ■ Model: ARXC072GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 24.2 | 18.1 | 28.1 | 18.8 | 30.0 | 20.2 |
| 15 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 24.2 | 18.1 | 28.1 | 18.8 | 30.0 | 20.2 |
| 21 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 24.2 | 18.1 | 28.1 | 18.8 | 29.2 | 20.0 |
| 23 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 24.2 | 18.1 | 28.1 | 18.8 | 28.7 | 19.8 |
| 25 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 24.2 | 18.1 | 27.8 | 18.7 | 28.3 | 19.6 |
| 27 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 24.2 | 18.1 | 27.4 | 18.5 | 27.9 | 19.5 |
| 30 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 24.2 | 18.1 | 26.8 | 18.3 | 27.3 | 19.2 |
| 33 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 24.2 | 18.1 | 26.2 | 18.1 | 26.6 | 19.0 |
| 35 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 24.2 | 18.1 | 25.7 | 17.9 | 26.2 | 18.8 |
| 37 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 24.2 | 18.1 | 25.3 | 17.8 | 25.8 | 18.7 |
| 40 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 23.7 | 17.9 | 24.6 | 17.6 | 25.1 | 18.5 |
| 43 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.4 | 17.8 | 23.0 | 17.7 | 24.0 | 17.4 | 24.5 | 18.3 |
| 46 | 14.7 | 12.1 | 16.6 | 15.1 | 18.6 | 15.7 | 20.5 | 17.3 | 22.0 | 17.5 | 22.4 | 17.5 | 23.4 | 17.2 | 23.8 | 18.1 |

# ■ Model: ARXC090GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 27.1 | 18.8 | 31.3 | 19.6 | 33.5 | 21.1 |
| 15 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 27.1 | 18.8 | 31.3 | 19.6 | 33.5 | 21.1 |
| 21 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 27.1 | 18.8 | 31.3 | 19.6 | 32.6 | 20.8 |
| 23 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 27.1 | 18.8 | 31.3 | 19.6 | 32.1 | 20.5 |
| 25 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 27.1 | 18.8 | 31.1 | 19.5 | 31.6 | 20.3 |
| 27 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 27.1 | 18.8 | 30.5 | 19.3 | 31.2 | 20.2 |
| 30 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 27.1 | 18.8 | 29.9 | 19.0 | 30.4 | 19.9 |
| 33 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 27.1 | 18.8 | 29.2 | 18.8 | 29.7 | 19.6 |
| 35 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 27.1 | 18.8 | 28.7 | 18.6 | 29.2 | 19.4 |
| 37 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 27.1 | 18.8 | 28.2 | 18.4 | 28.8 | 19.3 |
| 40 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 26.4 | 18.6 | 27.5 | 18.2 | 28.0 | 19.1 |
| 43 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 25.0 | 18.4 | 25.7 | 18.3 | 26.8 | 17.9 | 27.3 | 18.8 |
| 46 | 16.4 | 12.6 | 18.6 | 15.6 | 20.7 | 16.2 | 22.9 | 17.9 | 24.6 | 18.1 | 25.0 | 18.1 | 26.1 | 17.7 | 26.5 | 18.6 |

# ■ Model: ARXC096GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 30.3 | 20.4 | 35.1 | 21.3 | 37.5 | 22.8 |
| 15 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 30.3 | 20.4 | 35.1 | 21.3 | 37.5 | 22.8 |
| 21 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 30.3 | 20.4 | 35.1 | 21.3 | 36.5 | 22.4 |
| 23 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 30.3 | 20.4 | 35.1 | 21.3 | 35.9 | 22.2 |
| 25 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 30.3 | 20.4 | 34.8 | 21.2 | 35.4 | 22.0 |
| 27 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 30.3 | 20.4 | 34.2 | 20.9 | 34.9 | 21.8 |
| 30 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 30.3 | 20.4 | 33.5 | 20.6 | 34.1 | 21.5 |
| 33 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 30.3 | 20.4 | 32.7 | 20.3 | 33.3 | 21.2 |
| 35 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 30.3 | 20.4 | 32.1 | 20.1 | 32.7 | 21.0 |
| 37 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 30.3 | 20.4 | 31.6 | 19.9 | 32.2 | 20.8 |
| 40 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 29.6 | 20.1 | 30.8 | 19.6 | 31.4 | 20.5 |
| 43 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 28.0 | 19.9 | 28.8 | 19.7 | 30.0 | 19.3 | 30.6 | 20.2 |
| 46 | 18.4 | 13.6 | 20.8 | 16.7 | 23.2 | 17.4 | 25.6 | 19.3 | 27.5 | 19.6 | 28.0 | 19.4 | 29.2 | 19.0 | 29.7 | 19.8 |

# 2-11. Compact floor type

## ■ Model: AG∗A004GCGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| -10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| -5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 0 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 21 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 1.0 |
| 23 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 1.0 |
| 25 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 0.9 |
| 27 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.4 | 0.9 |
| 30 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 33 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 35 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 37 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 |
| 40 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.8 | 1.2 | 0.9 |
| 43 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.1 | 0.8 | 1.2 | 0.8 | 1.2 | 0.9 |
| 46 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.8 | 1.1 | 0.8 | 1.1 | 0.8 | 1.2 | 0.9 |

## ■ Model: AG∗A007GCGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| -10 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| -5 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 0 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 5 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 10 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 15 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 21 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 23 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.8 | 1.8 |
| 25 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.7 | 1.7 | 2.8 | 1.8 |
| 27 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.7 | 1.7 | 2.7 | 1.8 |
| 30 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.6 | 1.7 | 2.7 | 1.7 |
| 33 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.6 | 1.6 | 2.6 | 1.7 |
| 35 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.5 | 1.6 | 2.6 | 1.7 |
| 37 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.5 | 1.6 | 2.5 | 1.7 |
| 40 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.3 | 1.6 | 2.4 | 1.6 | 2.5 | 1.7 |
| 43 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.3 | 1.6 | 2.4 | 1.6 | 2.4 | 1.6 |
| 46 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.2 | 1.6 | 2.3 | 1.5 | 2.3 | 1.6 |

## ■ Model: AG∗A009GCGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| -10 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| -5 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 0 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 5 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 10 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 15 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 21 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.7 | 2.3 |
| 23 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.6 | 2.3 |
| 25 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.5 | 2.3 |
| 27 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.4 | 2.2 | 3.5 | 2.3 |
| 30 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.4 | 2.1 | 3.4 | 2.2 |
| 33 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.3 | 2.1 | 3.3 | 2.2 |
| 35 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.2 | 2.1 | 3.3 | 2.2 |
| 37 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.2 | 2.1 | 3.2 | 2.2 |
| 40 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.1 | 2.0 | 3.1 | 2.1 |
| 43 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 2.9 | 2.0 | 3.0 | 2.0 | 3.1 | 2.1 |
| 46 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.0 | 2.8 | 2.0 | 2.9 | 2.0 | 3.0 | 2.1 |

# ■ Model: AG∗A012GCGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| -10 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| -5 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 0 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 5 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 10 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 15 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 21 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.7 | 3.0 |
| 23 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.6 | 3.0 |
| 25 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.6 | 3.0 |
| 27 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.4 | 2.8 | 4.5 | 3.0 |
| 30 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.3 | 2.8 | 4.4 | 2.9 |
| 33 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.2 | 2.7 | 4.3 | 2.9 |
| 35 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.1 | 2.7 | 4.2 | 2.9 |
| 37 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.1 | 2.7 | 4.1 | 2.8 |
| 40 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.8 | 2.7 | 4.0 | 2.7 | 4.0 | 2.8 |
| 43 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.7 | 2.7 | 3.9 | 2.6 | 3.9 | 2.8 |
| 46 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.5 | 2.7 | 3.6 | 2.6 | 3.8 | 2.6 | 3.8 | 2.7 |

# ■ Model: AG∗A014GCGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| -10 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| -5 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| 0 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| 5 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| 10 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| 15 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| 21 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.2 | 3.4 |
| 23 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.1 | 3.4 |
| 25 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.1 | 3.4 |
| 27 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 4.9 | 3.2 | 5.0 | 3.3 |
| 30 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 4.8 | 3.1 | 4.9 | 3.3 |
| 33 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 4.7 | 3.1 | 4.8 | 3.2 |
| 35 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 4.6 | 3.1 | 4.7 | 3.2 |
| 37 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 4.5 | 3.0 | 4.6 | 3.2 |
| 40 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.2 | 3.1 | 4.4 | 3.0 | 4.5 | 3.2 |
| 43 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.1 | 3.0 | 4.3 | 3.0 | 4.4 | 3.1 |
| 46 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 3.9 | 3.0 | 4.0 | 3.0 | 4.2 | 2.9 | 4.2 | 3.1 |

# 2-12. Compact floor type (EEV external type model)

## ■ Model: AG∗E004GCEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| -10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| -5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 0 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.5 | 1.0 |
| 21 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 1.0 |
| 23 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 1.0 |
| 25 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 0.9 | 1.4 | 0.9 |
| 27 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.4 | 0.9 |
| 30 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 33 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 35 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 0.9 |
| 37 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 |
| 40 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.8 | 1.2 | 0.9 |
| 43 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.9 | 1.1 | 0.8 | 1.2 | 0.8 | 1.2 | 0.9 |
| 46 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 1.1 | 0.8 | 1.1 | 0.8 | 1.1 | 0.8 | 1.2 | 0.9 |

## ■ Model: AG∗E007GCEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| -10 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| -5 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 0 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 5 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 10 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 15 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 21 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.9 | 1.8 |
| 23 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.8 | 1.7 | 2.8 | 1.8 |
| 25 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.7 | 1.7 | 2.8 | 1.8 |
| 27 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.7 | 1.7 | 2.7 | 1.8 |
| 30 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.6 | 1.7 | 2.7 | 1.7 |
| 33 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.6 | 1.6 | 2.6 | 1.7 |
| 35 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.5 | 1.6 | 2.6 | 1.7 |
| 37 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.4 | 1.6 | 2.5 | 1.6 | 2.5 | 1.7 |
| 40 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.3 | 1.6 | 2.4 | 1.6 | 2.5 | 1.7 |
| 43 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.3 | 1.6 | 2.4 | 1.6 | 2.4 | 1.6 |
| 46 | 1.3 | 0.9 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.4 | 2.0 | 1.6 | 2.2 | 1.6 | 2.2 | 1.6 | 2.3 | 1.5 | 2.3 | 1.6 |

## ■ Model: AG∗E009GCEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| -10 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| -5 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 0 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 5 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 10 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 15 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.8 | 2.4 |
| 21 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.7 | 2.3 |
| 23 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.6 | 2.3 |
| 25 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.5 | 2.2 | 3.5 | 2.3 |
| 27 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.4 | 2.2 | 3.5 | 2.3 |
| 30 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.4 | 2.1 | 3.4 | 2.2 |
| 33 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.3 | 2.1 | 3.3 | 2.2 |
| 35 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.2 | 2.1 | 3.3 | 2.2 |
| 37 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.2 | 2.1 | 3.2 | 2.2 |
| 40 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 3.0 | 2.1 | 3.1 | 2.0 | 3.1 | 2.1 |
| 43 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.1 | 2.9 | 2.0 | 3.0 | 2.0 | 3.1 | 2.1 |
| 46 | 1.6 | 1.2 | 1.8 | 1.4 | 2.1 | 1.7 | 2.3 | 1.8 | 2.6 | 2.0 | 2.8 | 2.0 | 2.8 | 2.0 | 2.9 | 2.0 | 3.0 | 2.1 |

# ■ Model: AG∗E012GCEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| -10 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| -5 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 0 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 5 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 10 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 15 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 21 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.7 | 3.0 |
| 23 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.6 | 3.0 |
| 25 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.5 | 2.9 | 4.6 | 3.0 |
| 27 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.4 | 2.8 | 4.5 | 3.0 |
| 30 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.3 | 2.8 | 4.4 | 2.9 |
| 33 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.2 | 2.7 | 4.3 | 2.9 |
| 35 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.1 | 2.7 | 4.2 | 2.9 |
| 37 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.9 | 2.8 | 4.1 | 2.7 | 4.1 | 2.8 |
| 40 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.8 | 2.7 | 4.0 | 2.7 | 4.0 | 2.8 |
| 43 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.6 | 2.7 | 3.7 | 2.7 | 3.9 | 2.6 | 3.9 | 2.8 |
| 46 | 2.1 | 1.6 | 2.4 | 1.8 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.6 | 3.5 | 2.7 | 3.6 | 2.6 | 3.8 | 2.6 | 3.8 | 2.7 |

# ■ Model: AG∗E014GCEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| -10 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| -5 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| 0 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| 5 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| 10 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| 15 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.4 | 3.5 |
| 21 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.2 | 3.4 |
| 23 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.1 | 3.4 |
| 25 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 5.0 | 3.2 | 5.1 | 3.4 |
| 27 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 4.9 | 3.2 | 5.0 | 3.3 |
| 30 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 4.8 | 3.1 | 4.9 | 3.3 |
| 33 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 4.7 | 3.1 | 4.8 | 3.2 |
| 35 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 4.6 | 3.1 | 4.7 | 3.2 |
| 37 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.3 | 3.1 | 4.5 | 3.0 | 4.6 | 3.2 |
| 40 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.2 | 3.1 | 4.4 | 3.0 | 4.5 | 3.2 |
| 43 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 4.0 | 3.0 | 4.1 | 3.0 | 4.3 | 3.0 | 4.4 | 3.1 |
| 46 | 2.3 | 1.8 | 2.6 | 2.1 | 3.0 | 2.5 | 3.3 | 2.7 | 3.7 | 3.0 | 3.9 | 3.0 | 4.0 | 3.0 | 4.2 | 2.9 | 4.2 | 3.1 |

# 2-13. Floor/Ceiling type

## ■ Model: AB∗A012GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.9 | 2.9 | 4.5 | 3.0 | 4.8 | 3.3 |
| 15 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.9 | 2.9 | 4.5 | 3.0 | 4.8 | 3.3 |
| 21 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.9 | 2.9 | 4.5 | 3.0 | 4.7 | 3.2 |
| 23 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.9 | 2.9 | 4.5 | 3.0 | 4.6 | 3.2 |
| 25 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.9 | 2.9 | 4.5 | 3.0 | 4.6 | 3.2 |
| 27 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.9 | 2.9 | 4.4 | 3.0 | 4.5 | 3.1 |
| 30 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.9 | 2.9 | 4.3 | 3.0 | 4.4 | 3.1 |
| 33 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.9 | 2.9 | 4.2 | 2.9 | 4.3 | 3.1 |
| 35 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.9 | 2.9 | 4.1 | 2.9 | 4.2 | 3.0 |
| 37 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.9 | 2.9 | 4.1 | 2.9 | 4.1 | 3.0 |
| 40 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.8 | 2.9 | 4.0 | 2.8 | 4.0 | 3.0 |
| 43 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.6 | 2.9 | 3.7 | 2.9 | 3.9 | 2.8 | 3.9 | 3.0 |
| 46 | 2.4 | 2.0 | 2.7 | 2.4 | 3.0 | 2.5 | 3.3 | 2.8 | 3.5 | 2.9 | 3.6 | 2.8 | 3.8 | 2.8 | 3.8 | 2.9 |

## ■ Model: AB∗A014GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.9 | 3.6 | 5.6 | 3.7 | 6.0 | 4.0 |
| 15 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.9 | 3.6 | 5.6 | 3.7 | 6.0 | 4.0 |
| 21 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.9 | 3.6 | 5.6 | 3.7 | 5.9 | 3.9 |
| 23 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.9 | 3.6 | 5.6 | 3.7 | 5.8 | 3.9 |
| 25 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.9 | 3.6 | 5.6 | 3.7 | 5.7 | 3.9 |
| 27 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.9 | 3.6 | 5.5 | 3.6 | 5.6 | 3.8 |
| 30 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.9 | 3.6 | 5.4 | 3.6 | 5.5 | 3.8 |
| 33 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.9 | 3.6 | 5.3 | 3.6 | 5.4 | 3.7 |
| 35 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.9 | 3.6 | 5.2 | 3.5 | 5.3 | 3.7 |
| 37 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.9 | 3.6 | 5.1 | 3.5 | 5.2 | 3.7 |
| 40 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.8 | 3.5 | 5.0 | 3.4 | 5.0 | 3.6 |
| 43 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.5 | 3.5 | 4.6 | 3.5 | 4.8 | 3.4 | 4.9 | 3.6 |
| 46 | 3.0 | 2.4 | 3.3 | 3.0 | 3.7 | 3.1 | 4.1 | 3.4 | 4.4 | 3.5 | 4.5 | 3.4 | 4.7 | 3.4 | 4.8 | 3.5 |

## ■ Model: AB∗A018GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.7 | 7.5 | 5.0 |
| 15 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.7 | 7.5 | 5.0 |
| 21 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.7 | 7.3 | 5.0 |
| 23 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.7 | 7.2 | 4.9 |
| 25 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 7.0 | 4.6 | 7.1 | 4.9 |
| 27 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 6.8 | 4.6 | 7.0 | 4.8 |
| 30 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 6.7 | 4.5 | 6.8 | 4.8 |
| 33 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 6.5 | 4.5 | 6.7 | 4.7 |
| 35 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 6.4 | 4.4 | 6.5 | 4.7 |
| 37 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 6.1 | 4.5 | 6.3 | 4.4 | 6.4 | 4.6 |
| 40 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 5.9 | 4.4 | 6.2 | 4.4 | 6.3 | 4.6 |
| 43 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.6 | 4.4 | 5.8 | 4.4 | 6.0 | 4.3 | 6.1 | 4.5 |
| 46 | 3.7 | 3.0 | 4.2 | 3.8 | 4.6 | 3.9 | 5.1 | 4.3 | 5.5 | 4.4 | 5.6 | 4.3 | 5.8 | 4.2 | 5.9 | 4.5 |

## ■ Model: AB∗A024GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.7 | 5.2 | 8.9 | 5.4 | 9.5 | 5.8 |
| 15 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.7 | 5.2 | 8.9 | 5.4 | 9.5 | 5.8 |
| 21 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.7 | 5.2 | 8.9 | 5.4 | 9.3 | 5.7 |
| 23 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.7 | 5.2 | 8.9 | 5.4 | 9.1 | 5.6 |
| 25 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.7 | 5.2 | 8.8 | 5.4 | 9.0 | 5.6 |
| 27 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.7 | 5.2 | 8.7 | 5.3 | 8.8 | 5.5 |
| 30 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.7 | 5.2 | 8.5 | 5.2 | 8.6 | 5.4 |
| 33 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.7 | 5.2 | 8.3 | 5.2 | 8.4 | 5.4 |
| 35 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.7 | 5.2 | 8.1 | 5.1 | 8.3 | 5.3 |
| 37 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.7 | 5.2 | 8.0 | 5.0 | 8.2 | 5.3 |
| 40 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.5 | 5.1 | 7.8 | 5.0 | 8.0 | 5.2 |
| 43 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.1 | 5.0 | 7.3 | 5.0 | 7.6 | 4.9 | 7.8 | 5.1 |
| 46 | 4.7 | 3.4 | 5.3 | 4.2 | 5.9 | 4.4 | 6.5 | 4.9 | 7.0 | 5.0 | 7.1 | 4.9 | 7.4 | 4.8 | 7.5 | 5.0 |

# 2-14. Ceiling type

## ■ Model: AB∗A030GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.7 | 7.3 | 11.3 | 7.5 | 12.1 | 8.1 |
| 15 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.7 | 7.3 | 11.3 | 7.5 | 12.1 | 8.1 |
| 21 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.7 | 7.3 | 11.3 | 7.5 | 11.7 | 8.0 |
| 23 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.7 | 7.3 | 11.3 | 7.5 | 11.5 | 7.9 |
| 25 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.7 | 7.3 | 11.2 | 7.5 | 11.4 | 7.9 |
| 27 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.7 | 7.3 | 11.0 | 7.4 | 11.2 | 7.8 |
| 30 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.7 | 7.3 | 10.8 | 7.3 | 11.0 | 7.7 |
| 33 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.7 | 7.3 | 10.5 | 7.3 | 10.7 | 7.6 |
| 35 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.7 | 7.3 | 10.3 | 7.2 | 10.5 | 7.6 |
| 37 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.7 | 7.3 | 10.2 | 7.1 | 10.4 | 7.5 |
| 40 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.5 | 7.2 | 9.9 | 7.0 | 10.1 | 7.4 |
| 43 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 9.0 | 7.1 | 9.3 | 7.1 | 9.6 | 7.0 | 9.8 | 7.4 |
| 46 | 5.9 | 4.9 | 6.7 | 6.1 | 7.5 | 6.3 | 8.2 | 7.0 | 8.8 | 7.1 | 9.0 | 7.0 | 9.4 | 6.9 | 9.5 | 7.3 |

## ■ Model: AB∗A036GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 12.1 | 8.3 | 14.0 | 8.7 | 15.0 | 9.3 |
| 15 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 12.1 | 8.3 | 14.0 | 8.7 | 15.0 | 9.3 |
| 21 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 12.1 | 8.3 | 14.0 | 8.7 | 14.6 | 9.2 |
| 23 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 12.1 | 8.3 | 14.0 | 8.7 | 14.4 | 9.1 |
| 25 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 12.1 | 8.3 | 13.9 | 8.7 | 14.2 | 9.0 |
| 27 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 12.1 | 8.3 | 13.7 | 8.6 | 14.0 | 8.9 |
| 30 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 12.1 | 8.3 | 13.4 | 8.5 | 13.6 | 8.8 |
| 33 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 12.1 | 8.3 | 13.1 | 8.3 | 13.3 | 8.7 |
| 35 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 12.1 | 8.3 | 12.8 | 8.2 | 13.1 | 8.6 |
| 37 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 12.1 | 8.3 | 12.6 | 8.2 | 12.9 | 8.6 |
| 40 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 11.8 | 8.3 | 12.3 | 8.1 | 12.6 | 8.5 |
| 43 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.2 | 8.2 | 11.5 | 8.1 | 12.0 | 8.0 | 12.2 | 8.3 |
| 46 | 7.4 | 5.6 | 8.3 | 6.9 | 9.3 | 7.2 | 10.2 | 7.9 | 11.0 | 8.1 | 11.2 | 8.0 | 11.7 | 7.8 | 11.9 | 8.2 |

## ■ Model: AB∗A045GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.5 | 9.6 | 15.7 | 10.0 | 16.7 | 10.7 |
| 15 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.5 | 9.6 | 15.7 | 10.0 | 16.7 | 10.7 |
| 21 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.5 | 9.6 | 15.7 | 10.0 | 16.3 | 10.6 |
| 23 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.5 | 9.6 | 15.7 | 10.0 | 16.0 | 10.4 |
| 25 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.5 | 9.6 | 15.5 | 9.9 | 15.8 | 10.3 |
| 27 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.5 | 9.6 | 15.3 | 9.8 | 15.6 | 10.3 |
| 30 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.5 | 9.6 | 15.0 | 9.7 | 15.2 | 10.1 |
| 33 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.5 | 9.6 | 14.6 | 9.6 | 14.9 | 10.0 |
| 35 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.5 | 9.6 | 14.3 | 9.4 | 14.6 | 9.9 |
| 37 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.5 | 9.6 | 14.1 | 9.4 | 14.4 | 9.8 |
| 40 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 13.2 | 9.5 | 13.8 | 9.3 | 14.0 | 9.7 |
| 43 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.5 | 9.4 | 12.9 | 9.3 | 13.4 | 9.1 | 13.7 | 9.6 |
| 46 | 8.2 | 6.4 | 9.3 | 7.9 | 10.4 | 8.2 | 11.4 | 9.1 | 12.3 | 9.3 | 12.5 | 9.2 | 13.0 | 9.0 | 13.3 | 9.5 |

## ■ Model: AB∗A054GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 10 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 15.2 | 10.8 | 17.6 | 11.2 | 18.8 | 12.0 |
| 15 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 15.2 | 10.8 | 17.6 | 11.2 | 18.8 | 12.0 |
| 21 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 15.2 | 10.8 | 17.6 | 11.2 | 18.3 | 11.9 |
| 23 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 15.2 | 10.8 | 17.6 | 11.2 | 18.0 | 11.7 |
| 25 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 15.2 | 10.8 | 17.4 | 11.1 | 17.7 | 11.6 |
| 27 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 15.2 | 10.8 | 17.1 | 11.0 | 17.5 | 11.5 |
| 30 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 15.2 | 10.8 | 16.8 | 10.9 | 17.1 | 11.4 |
| 33 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 15.2 | 10.8 | 16.4 | 10.7 | 16.7 | 11.2 |
| 35 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 15.2 | 10.8 | 16.1 | 10.6 | 16.4 | 11.1 |
| 37 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 15.2 | 10.8 | 15.8 | 10.5 | 16.1 | 11.1 |
| 40 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 14.8 | 10.6 | 15.4 | 10.4 | 15.7 | 10.9 |
| 43 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 14.0 | 10.5 | 14.4 | 10.5 | 15.0 | 10.3 | 15.3 | 10.8 |
| 46 | 9.2 | 7.2 | 10.4 | 8.9 | 11.6 | 9.3 | 12.8 | 10.3 | 13.8 | 10.5 | 14.0 | 10.3 | 14.6 | 10.1 | 14.9 | 10.6 |

# 2-15. Wall mounted type

## ■ Model: AS∗A004GCGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| -10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| -5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| 0 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| 5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| 10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| 15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| 21 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.4 | 1.0 |
| 23 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.4 | 1.0 |
| 25 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.4 | 1.0 |
| 27 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 1.0 | 1.4 | 1.0 |
| 30 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 1.0 | 1.3 | 1.0 |
| 33 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 1.0 |
| 35 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 1.0 |
| 37 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.3 | 1.0 |
| 40 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.2 | 1.0 |
| 43 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 1.0 |
| 46 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 |

## ■ Model: AS∗A007GCGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| -10 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| -5 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 0 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 5 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 10 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 15 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 21 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 23 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.8 | 1.9 |
| 25 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.7 | 1.8 | 2.8 | 1.8 |
| 27 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.7 | 1.7 | 2.7 | 1.8 |
| 30 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.6 | 1.7 | 2.7 | 1.8 |
| 33 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.6 | 1.7 | 2.6 | 1.8 |
| 35 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.5 | 1.7 | 2.6 | 1.8 |
| 37 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.5 | 1.7 | 2.5 | 1.7 |
| 40 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.3 | 1.7 | 2.4 | 1.6 | 2.5 | 1.7 |
| 43 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.3 | 1.7 | 2.4 | 1.6 | 2.4 | 1.7 |
| 46 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.6 | 2.2 | 1.6 | 2.3 | 1.6 | 2.3 | 1.7 |

## ■ Model: AS∗A009GCGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| -10 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| -5 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 0 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 5 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 10 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 15 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 21 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.7 | 2.4 |
| 23 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.6 | 2.4 |
| 25 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.5 | 2.4 |
| 27 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.4 | 2.2 | 3.5 | 2.4 |
| 30 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.4 | 2.2 | 3.4 | 2.3 |
| 33 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.3 | 2.2 | 3.3 | 2.3 |
| 35 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.2 | 2.2 | 3.3 | 2.3 |
| 37 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.2 | 2.2 | 3.2 | 2.3 |
| 40 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.1 | 2.1 | 3.1 | 2.2 |
| 43 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 2.9 | 2.1 | 3.0 | 2.1 | 3.1 | 2.2 |
| 46 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 2.8 | 2.1 | 2.9 | 2.1 | 3.0 | 2.2 |

MODEL SELECTION

# ■ Model: AS∗A012GCGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| -10 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| -5 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 0 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 5 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 10 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 15 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 21 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.7 | 3.1 |
| 23 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.6 | 3.1 |
| 25 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.6 | 3.0 |
| 27 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.4 | 2.9 | 4.5 | 3.0 |
| 30 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.3 | 2.8 | 4.4 | 3.0 |
| 33 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.2 | 2.8 | 4.3 | 2.9 |
| 35 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.1 | 2.8 | 4.2 | 2.9 |
| 37 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.1 | 2.8 | 4.1 | 2.9 |
| 40 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.8 | 2.8 | 4.0 | 2.7 | 4.0 | 2.9 |
| 43 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.7 | 2.7 | 3.9 | 2.7 | 3.9 | 2.8 |
| 46 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.5 | 2.7 | 3.6 | 2.7 | 3.8 | 2.6 | 3.8 | 2.8 |

# ■ Model: AS∗A014GCGH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| -10 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| -5 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| 0 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| 5 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| 10 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| 15 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| 21 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.2 | 3.5 |
| 23 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.1 | 3.5 |
| 25 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.1 | 3.5 |
| 27 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 4.9 | 3.3 | 5.0 | 3.5 |
| 30 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 4.8 | 3.3 | 4.9 | 3.4 |
| 33 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 4.7 | 3.2 | 4.8 | 3.4 |
| 35 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 4.6 | 3.2 | 4.7 | 3.4 |
| 37 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 4.5 | 3.2 | 4.6 | 3.3 |
| 40 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.2 | 3.2 | 4.4 | 3.1 | 4.5 | 3.3 |
| 43 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.1 | 3.1 | 4.3 | 3.1 | 4.4 | 3.3 |
| 46 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 3.9 | 3.1 | 4.0 | 3.1 | 4.2 | 3.0 | 4.2 | 3.2 |

# ■ Model: AS∗A18GBCH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.5 | 4.8 |
| -10 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.5 | 4.8 |
| -5 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.5 | 4.8 |
| 0 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.5 | 4.8 |
| 5 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.5 | 4.8 |
| 10 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.5 | 4.8 |
| 15 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.5 | 4.8 |
| 21 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.3 | 4.7 |
| 23 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.2 | 4.6 |
| 25 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 7.0 | 4.4 | 7.1 | 4.6 |
| 27 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 6.8 | 4.4 | 7.0 | 4.6 |
| 30 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 6.7 | 4.3 | 6.8 | 4.5 |
| 33 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 6.5 | 4.3 | 6.7 | 4.5 |
| 35 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 6.4 | 4.2 | 6.5 | 4.4 |
| 37 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 6.1 | 4.3 | 6.3 | 4.2 | 6.4 | 4.4 |
| 40 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 5.9 | 4.2 | 6.2 | 4.1 | 6.3 | 4.3 |
| 43 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.6 | 4.2 | 5.8 | 4.1 | 6.0 | 4.0 | 6.1 | 4.3 |
| 46 | 3.2 | 2.4 | 3.7 | 2.9 | 4.2 | 3.5 | 4.6 | 3.7 | 5.1 | 4.1 | 5.5 | 4.1 | 5.6 | 4.1 | 5.8 | 4.0 | 5.9 | 4.2 |

MODEL SELECTION

# ■ Model: AS∗A24GBCH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.9 | 5.7 | 9.5 | 6.1 |
| -10 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.9 | 5.7 | 9.5 | 6.1 |
| -5 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.9 | 5.7 | 9.5 | 6.1 |
| 0 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.9 | 5.7 | 9.5 | 6.1 |
| 5 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.9 | 5.7 | 9.5 | 6.1 |
| 10 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.9 | 5.7 | 9.5 | 6.1 |
| 15 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.9 | 5.7 | 9.5 | 6.1 |
| 21 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.9 | 5.7 | 9.3 | 6.0 |
| 23 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.9 | 5.7 | 9.1 | 6.0 |
| 25 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.8 | 5.7 | 9.0 | 5.9 |
| 27 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.7 | 5.6 | 8.8 | 5.9 |
| 30 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.5 | 5.5 | 8.6 | 5.8 |
| 33 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.3 | 5.5 | 8.4 | 5.7 |
| 35 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.1 | 5.4 | 8.3 | 5.7 |
| 37 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.7 | 5.5 | 8.0 | 5.4 | 8.2 | 5.6 |
| 40 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.5 | 5.4 | 7.8 | 5.3 | 8.0 | 5.6 |
| 43 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.1 | 5.4 | 7.3 | 5.3 | 7.6 | 5.2 | 7.8 | 5.5 |
| 46 | 4.1 | 3.1 | 4.7 | 3.7 | 5.3 | 4.6 | 5.9 | 4.7 | 6.5 | 5.2 | 7.0 | 5.3 | 7.1 | 5.3 | 7.4 | 5.2 | 7.5 | 5.4 |

# ■ Model: AS∗A030GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| -10 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| -5 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| 0 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| 5 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| 10 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| 15 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.3 | 7.2 | 12.1 | 7.7 |
| 21 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.3 | 7.2 | 11.7 | 7.6 |
| 23 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.3 | 7.2 | 11.5 | 7.5 |
| 25 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.2 | 7.1 | 11.4 | 7.4 |
| 27 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 11.0 | 7.0 | 11.2 | 7.4 |
| 30 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 10.8 | 7.0 | 11.0 | 7.3 |
| 33 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 10.5 | 6.9 | 10.7 | 7.2 |
| 35 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 10.3 | 6.8 | 10.5 | 7.1 |
| 37 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.7 | 6.9 | 10.2 | 6.7 | 10.4 | 7.1 |
| 40 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.5 | 6.8 | 9.9 | 6.6 | 10.1 | 7.0 |
| 43 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 9.0 | 6.7 | 9.3 | 6.7 | 9.6 | 6.5 | 9.8 | 6.9 |
| 46 | 5.2 | 3.9 | 5.9 | 4.6 | 6.7 | 5.7 | 7.5 | 5.9 | 8.2 | 6.6 | 8.8 | 6.7 | 9.0 | 6.6 | 9.4 | 6.4 | 9.5 | 6.8 |

# ■ Model: AS∗A034GTEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.5 | 8.1 | 13.4 | 8.7 |
| -10 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.5 | 8.1 | 13.4 | 8.7 |
| -5 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.5 | 8.1 | 13.4 | 8.7 |
| 0 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.5 | 8.1 | 13.4 | 8.7 |
| 5 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.5 | 8.1 | 13.4 | 8.7 |
| 10 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.5 | 8.1 | 13.4 | 8.7 |
| 15 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.5 | 8.1 | 13.4 | 8.7 |
| 21 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.5 | 8.1 | 13.0 | 8.5 |
| 23 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.5 | 8.1 | 12.8 | 8.5 |
| 25 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.4 | 8.0 | 12.6 | 8.4 |
| 27 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.2 | 7.9 | 12.5 | 8.3 |
| 30 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 12.0 | 7.8 | 12.2 | 8.2 |
| 33 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 11.7 | 7.7 | 11.9 | 8.1 |
| 35 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 11.5 | 7.7 | 11.7 | 8.0 |
| 37 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.8 | 7.8 | 11.3 | 7.6 | 11.5 | 8.0 |
| 40 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.6 | 7.7 | 11.0 | 7.5 | 11.2 | 7.9 |
| 43 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 10.0 | 7.6 | 10.3 | 7.5 | 10.7 | 7.4 | 10.9 | 7.8 |
| 46 | 5.7 | 4.4 | 6.6 | 5.2 | 7.4 | 6.5 | 8.3 | 6.7 | 9.1 | 7.4 | 9.8 | 7.5 | 10.0 | 7.4 | 10.4 | 7.3 | 10.6 | 7.7 |

# 2-16. Wall mounted type (EEV external type model)

## ■ Model: AS∗E004GCEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| -10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| -5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| 0 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| 5 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| 10 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| 15 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.5 | 1.1 |
| 21 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.4 | 1.0 |
| 23 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.4 | 1.0 |
| 25 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.4 | 1.0 | 1.4 | 1.0 |
| 27 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 1.0 | 1.4 | 1.0 |
| 30 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 1.0 | 1.3 | 1.0 |
| 33 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 1.0 |
| 35 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.3 | 0.9 | 1.3 | 1.0 |
| 37 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.3 | 1.0 |
| 40 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 0.9 | 1.2 | 1.0 |
| 43 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 | 1.2 | 1.0 |
| 46 | 0.6 | 0.5 | 0.7 | 0.6 | 0.8 | 0.7 | 0.9 | 0.8 | 1.0 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.1 | 0.9 | 1.2 | 0.9 |

## ■ Model: AS∗E007GCEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| -10 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| -5 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 0 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 5 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 10 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 15 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 21 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.9 | 1.9 |
| 23 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.8 | 1.8 | 2.8 | 1.9 |
| 25 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.7 | 1.8 | 2.8 | 1.8 |
| 27 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.7 | 1.7 | 2.7 | 1.8 |
| 30 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.6 | 1.7 | 2.7 | 1.8 |
| 33 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.6 | 1.7 | 2.6 | 1.8 |
| 35 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.5 | 1.7 | 2.6 | 1.8 |
| 37 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.4 | 1.7 | 2.5 | 1.7 | 2.5 | 1.7 |
| 40 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.3 | 1.7 | 2.4 | 1.6 | 2.5 | 1.7 |
| 43 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.7 | 2.3 | 1.7 | 2.4 | 1.6 | 2.4 | 1.7 |
| 46 | 1.3 | 1.0 | 1.4 | 1.1 | 1.6 | 1.4 | 1.8 | 1.5 | 2.0 | 1.6 | 2.2 | 1.6 | 2.2 | 1.6 | 2.3 | 1.6 | 2.3 | 1.7 |

## ■ Model: AS∗E009GCEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| -10 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| -5 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 0 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 5 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 10 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 15 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.8 | 2.5 |
| 21 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.7 | 2.4 |
| 23 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.6 | 2.4 |
| 25 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.5 | 2.3 | 3.5 | 2.4 |
| 27 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.4 | 2.2 | 3.5 | 2.4 |
| 30 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.4 | 2.2 | 3.4 | 2.3 |
| 33 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.3 | 2.2 | 3.3 | 2.3 |
| 35 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.2 | 2.2 | 3.3 | 2.3 |
| 37 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.2 | 2.2 | 3.2 | 2.3 |
| 40 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 3.0 | 2.2 | 3.1 | 2.1 | 3.1 | 2.2 |
| 43 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.2 | 2.9 | 2.1 | 3.0 | 2.1 | 3.1 | 2.2 |
| 46 | 1.6 | 1.2 | 1.8 | 1.5 | 2.1 | 1.8 | 2.3 | 1.9 | 2.6 | 2.1 | 2.8 | 2.1 | 2.8 | 2.1 | 2.9 | 2.1 | 3.0 | 2.2 |

# ■ Model: AS∗E012GCEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| -10 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| -5 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 0 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 5 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 10 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 15 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.8 | 3.1 |
| 21 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.7 | 3.1 |
| 23 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.6 | 3.1 |
| 25 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.5 | 2.9 | 4.6 | 3.0 |
| 27 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.4 | 2.9 | 4.5 | 3.0 |
| 30 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.3 | 2.8 | 4.4 | 3.0 |
| 33 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.2 | 2.8 | 4.3 | 2.9 |
| 35 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.1 | 2.8 | 4.2 | 2.9 |
| 37 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.9 | 2.8 | 4.1 | 2.8 | 4.1 | 2.9 |
| 40 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.8 | 2.8 | 4.0 | 2.7 | 4.0 | 2.9 |
| 43 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.6 | 2.8 | 3.7 | 2.7 | 3.9 | 2.7 | 3.9 | 2.8 |
| 46 | 2.1 | 1.6 | 2.4 | 1.9 | 2.7 | 2.3 | 3.0 | 2.4 | 3.3 | 2.7 | 3.5 | 2.7 | 3.6 | 2.7 | 3.8 | 2.6 | 3.8 | 2.8 |

# ■ Model: AS∗E014GCEH

| Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18°CDB/14°CWB | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| -15 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| -10 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| -5 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| 0 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| 5 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| 10 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| 15 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.4 | 3.6 |
| 21 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.2 | 3.5 |
| 23 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.1 | 3.5 |
| 25 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 5.0 | 3.3 | 5.1 | 3.5 |
| 27 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 4.9 | 3.3 | 5.0 | 3.5 |
| 30 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 4.8 | 3.3 | 4.9 | 3.4 |
| 33 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 4.7 | 3.2 | 4.8 | 3.4 |
| 35 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 4.6 | 3.2 | 4.7 | 3.4 |
| 37 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.3 | 3.2 | 4.5 | 3.2 | 4.6 | 3.3 |
| 40 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.2 | 3.2 | 4.4 | 3.1 | 4.5 | 3.3 |
| 43 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 4.0 | 3.2 | 4.1 | 3.1 | 4.3 | 3.1 | 4.4 | 3.3 |
| 46 | 2.3 | 1.8 | 2.6 | 2.2 | 3.0 | 2.7 | 3.3 | 2.8 | 3.7 | 3.1 | 3.9 | 3.1 | 4.0 | 3.1 | 4.2 | 3.0 | 4.2 | 3.2 |

MODEL SELECTION

# 3. Heating capacity table (Indoor unit)

- TC: Total capacity (kW)
- Values mentioned in the table are the values when the indoor unit's total rated capacity is 100% of the outdoor unit capacity.

## 3-1. Compact cassette type

### ■ Model: AUXB004GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| -15.0 | -16.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| -12.0 | -13.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -9.0 | -10.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -7.0 | -8.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -5.0 | -6.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -3.0 | -4.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -1.0 | -2.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 0.0 | -1.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 2.0 | 1.0 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 |
| 5.0 | 4.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 7.0 | 6.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 9.0 | 7.8 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 12.0 | 10.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 15.0 | 13.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |

### ■ Model: AUXB007GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| -15.0 | -16.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| -12.0 | -13.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| -9.0 | -10.0 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| -7.0 | -8.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 |
| -5.0 | -6.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 |
| -3.0 | -4.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.2 |
| -1.0 | -2.0 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.2 |
| 0.0 | -1.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.4 | 2.2 |
| 2.0 | 1.0 | 2.8 | 2.8 | 2.7 | 2.7 | 2.6 | 2.4 | 2.2 |
| 5.0 | 4.0 | 3.0 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 7.0 | 6.0 | 3.1 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 9.0 | 7.8 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 12.0 | 10.6 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 15.0 | 13.5 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |

### ■ Model: AUXB009GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 |
| -15.0 | -16.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| -12.0 | -13.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| -9.0 | -10.0 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -7.0 | -8.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 |
| -5.0 | -6.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.5 |
| -3.0 | -4.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.5 |
| -1.0 | -2.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.7 | 2.5 |
| 0.0 | -1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.5 |
| 2.0 | 1.0 | 3.2 | 3.1 | 3.1 | 3.1 | 3.0 | 2.8 | 2.5 |
| 5.0 | 4.0 | 3.4 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 7.0 | 6.0 | 3.5 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 9.0 | 7.8 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 12.0 | 10.6 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 15.0 | 13.5 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |

MODEL SELECTION

# ■ Model: AUXB012GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| -15.0 | -16.0 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 |
| -12.0 | -13.0 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| -9.0 | -10.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.9 |
| -7.0 | -8.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.1 | 3.1 | 3.1 |
| -5.0 | -6.0 | 3.4 | 3.4 | 3.4 | 3.3 | 3.3 | 3.3 | 3.2 |
| -3.0 | -4.0 | 3.6 | 3.6 | 3.5 | 3.5 | 3.5 | 3.5 | 3.2 |
| -1.0 | -2.0 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.5 | 3.2 |
| 0.0 | -1.0 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.5 | 3.2 |
| 2.0 | 1.0 | 4.1 | 4.0 | 4.0 | 3.9 | 3.8 | 3.5 | 3.3 |
| 5.0 | 4.0 | 4.4 | 4.3 | 4.1 | 4.0 | 3.8 | 3.6 | 3.3 |
| 7.0 | 6.0 | 4.5 | 4.4 | 4.1 | 4.0 | 3.8 | 3.6 | 3.3 |
| 9.0 | 7.8 | 4.6 | 4.4 | 4.1 | 4.0 | 3.8 | 3.6 | 3.3 |
| 12.0 | 10.6 | 4.6 | 4.4 | 4.1 | 4.0 | 3.8 | 3.6 | 3.3 |
| 15.0 | 13.5 | 4.6 | 4.4 | 4.1 | 4.0 | 3.8 | 3.6 | 3.3 |

# ■ Model: AUXB014GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| -15.0 | -16.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| -12.0 | -13.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| -9.0 | -10.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| -7.0 | -8.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 |
| -5.0 | -6.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 3.9 |
| -3.0 | -4.0 | 4.4 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.0 |
| -1.0 | -2.0 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.3 | 4.0 |
| 0.0 | -1.0 | 4.7 | 4.7 | 4.7 | 4.6 | 4.6 | 4.3 | 4.0 |
| 2.0 | 1.0 | 5.0 | 4.9 | 4.9 | 4.8 | 4.6 | 4.3 | 4.0 |
| 5.0 | 4.0 | 5.3 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 7.0 | 6.0 | 5.5 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 9.0 | 7.8 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 12.0 | 10.6 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 15.0 | 13.5 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |

# ■ Model: AUXB018GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

# ■ Model: AUXB024GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

# 3-2. 4-way flow cassette type

## ■ Model: AUXD18GALH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

## ■ Model: AUXD24GALH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

## ■ Model: AUXA18GALH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 |
| -15.0 | -16.0 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| -12.0 | -13.0 | 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| -9.0 | -10.0 | 4.5 | 4.5 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| -7.0 | -8.0 | 4.8 | 4.8 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| -5.0 | -6.0 | 5.1 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 4.9 |
| -3.0 | -4.0 | 5.4 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 4.9 |
| -1.0 | -2.0 | 5.7 | 5.7 | 5.6 | 5.6 | 5.6 | 5.3 | 4.9 |
| 0.0 | -1.0 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.3 | 4.9 |
| 2.0 | 1.0 | 6.2 | 6.1 | 6.1 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.6 | 6.3 | 6.1 | 5.8 | 5.4 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

MODEL SELECTION

# ■ Model: AUXA24GALH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| -15.0 | -16.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -12.0 | -13.0 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.0 |
| -9.0 | -10.0 | 5.7 | 5.7 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 |
| -7.0 | -8.0 | 6.1 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 |
| -5.0 | -6.0 | 6.5 | 6.4 | 6.4 | 6.4 | 6.3 | 6.3 | 6.2 |
| -3.0 | -4.0 | 6.9 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 | 6.2 |
| -1.0 | -2.0 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 6.8 | 6.2 |
| 0.0 | -1.0 | 7.4 | 7.4 | 7.4 | 7.3 | 7.3 | 6.8 | 6.3 |
| 2.0 | 1.0 | 7.8 | 7.8 | 7.7 | 7.6 | 7.3 | 6.8 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.4 | 7.9 | 7.7 | 7.4 | 6.9 | 6.3 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

# ■ Model: AUXA30GALH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 5.2 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 |
| -15.0 | -16.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 |
| -12.0 | -13.0 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 |
| -9.0 | -10.0 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 |
| -7.0 | -8.0 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 |
| -5.0 | -6.0 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 7.9 |
| -3.0 | -4.0 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.5 | 7.9 |
| -1.0 | -2.0 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 8.6 | 7.9 |
| 0.0 | -1.0 | 9.4 | 9.4 | 9.3 | 9.3 | 9.2 | 8.6 | 7.9 |
| 2.0 | 1.0 | 9.9 | 9.8 | 9.8 | 9.6 | 9.3 | 8.6 | 7.9 |
| 5.0 | 4.0 | 10.6 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 7.0 | 6.0 | 11.1 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 9.0 | 7.8 | 11.3 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 12.0 | 10.6 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 15.0 | 13.5 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |

# ■ Model: AUXA34GALH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| -15.0 | -16.0 | 6.5 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 |
| -12.0 | -13.0 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 7.1 |
| -9.0 | -10.0 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 |
| -7.0 | -8.0 | 8.5 | 8.5 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 |
| -5.0 | -6.0 | 9.1 | 9.0 | 9.0 | 9.0 | 8.9 | 8.9 | 8.6 |
| -3.0 | -4.0 | 9.6 | 9.5 | 9.5 | 9.5 | 9.4 | 9.4 | 8.7 |
| -1.0 | -2.0 | 10.1 | 10.1 | 10.1 | 10.0 | 10.0 | 9.5 | 8.8 |
| 0.0 | -1.0 | 10.4 | 10.4 | 10.3 | 10.3 | 10.2 | 9.5 | 8.8 |
| 2.0 | 1.0 | 11.0 | 10.9 | 10.9 | 10.7 | 10.3 | 9.6 | 8.8 |
| 5.0 | 4.0 | 11.9 | 11.8 | 11.1 | 10.8 | 10.4 | 9.7 | 8.9 |
| 7.0 | 6.0 | 12.5 | 12.0 | 11.2 | 10.9 | 10.5 | 9.7 | 9.0 |
| 9.0 | 7.8 | 12.7 | 12.0 | 11.2 | 10.9 | 10.5 | 9.7 | 9.0 |
| 12.0 | 10.6 | 12.7 | 12.0 | 11.2 | 10.9 | 10.5 | 9.7 | 9.0 |
| 15.0 | 13.5 | 12.7 | 12.0 | 11.2 | 10.9 | 10.5 | 9.7 | 9.0 |

# ■ Model: AUXA36GALH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 |
| -15.0 | -16.0 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 |
| -12.0 | -13.0 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 |
| -9.0 | -10.0 | 9.2 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 9.0 |
| -7.0 | -8.0 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.6 | 9.5 |
| -5.0 | -6.0 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.1 | 9.8 |
| -3.0 | -4.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 | 9.9 |
| -1.0 | -2.0 | 11.5 | 11.4 | 11.3 | 11.3 | 11.3 | 10.7 | 9.9 |
| 0.0 | -1.0 | 11.8 | 11.7 | 11.6 | 11.6 | 11.5 | 10.7 | 9.9 |
| 2.0 | 1.0 | 12.4 | 12.3 | 12.2 | 12.0 | 11.6 | 10.8 | 9.9 |
| 5.0 | 4.0 | 13.3 | 13.2 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 7.0 | 6.0 | 13.8 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 9.0 | 7.8 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 12.0 | 10.6 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 15.0 | 13.5 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |

# ■ Model: AUXA45GALH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| -15.0 | -16.0 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 |
| -12.0 | -13.0 | 9.4 | 9.3 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 |
| -9.0 | -10.0 | 10.3 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 |
| -7.0 | -8.0 | 10.9 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 |
| -5.0 | -6.0 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.3 | 11.0 |
| -3.0 | -4.0 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 11.1 |
| -1.0 | -2.0 | 12.9 | 12.8 | 12.7 | 12.7 | 12.6 | 12.0 | 11.1 |
| 0.0 | -1.0 | 13.2 | 13.1 | 13.0 | 13.0 | 12.9 | 12.0 | 11.1 |
| 2.0 | 1.0 | 13.9 | 13.8 | 13.7 | 13.4 | 13.0 | 12.0 | 11.1 |
| 5.0 | 4.0 | 14.9 | 14.8 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 7.0 | 6.0 | 15.5 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 9.0 | 7.8 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 12.0 | 10.6 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 15.0 | 13.5 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |

# ■ Model: AUXA54GALH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 | 8.2 |
| -15.0 | -16.0 | 9.7 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.5 |
| -12.0 | -13.0 | 10.7 | 10.7 | 10.6 | 10.6 | 10.6 | 10.5 | 10.5 |
| -9.0 | -10.0 | 11.8 | 11.7 | 11.6 | 11.6 | 11.6 | 11.5 | 11.5 |
| -7.0 | -8.0 | 12.5 | 12.4 | 12.3 | 12.3 | 12.3 | 12.2 | 12.2 |
| -5.0 | -6.0 | 13.2 | 13.2 | 13.1 | 13.1 | 13.0 | 13.0 | 12.6 |
| -3.0 | -4.0 | 14.0 | 13.9 | 13.8 | 13.8 | 13.7 | 13.7 | 12.6 |
| -1.0 | -2.0 | 14.7 | 14.6 | 14.5 | 14.5 | 14.4 | 13.7 | 12.6 |
| 0.0 | -1.0 | 15.1 | 15.0 | 14.9 | 14.8 | 14.8 | 13.7 | 12.6 |
| 2.0 | 1.0 | 15.8 | 15.7 | 15.6 | 15.3 | 14.8 | 13.8 | 12.7 |
| 5.0 | 4.0 | 17.0 | 16.9 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 7.0 | 6.0 | 17.7 | 17.0 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 9.0 | 7.8 | 18.1 | 17.0 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 12.0 | 10.6 | 18.1 | 17.1 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 15.0 | 13.5 | 18.1 | 17.1 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |

# 3-3. Circular flow cassette type

## ■ Model: AUXM018GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

## ■ Model: AUXM024GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

## ■ Model: AUXM030GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 5.2 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 |
| -15.0 | -16.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 |
| -12.0 | -13.0 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 |
| -9.0 | -10.0 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 |
| -7.0 | -8.0 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 |
| -5.0 | -6.0 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 7.9 |
| -3.0 | -4.0 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.5 | 7.9 |
| -1.0 | -2.0 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 8.6 | 7.9 |
| 0.0 | -1.0 | 9.4 | 9.4 | 9.3 | 9.3 | 9.2 | 8.6 | 7.9 |
| 2.0 | 1.0 | 9.9 | 9.8 | 9.8 | 9.6 | 9.3 | 8.6 | 7.9 |
| 5.0 | 4.0 | 10.6 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 7.0 | 6.0 | 11.1 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 9.0 | 7.8 | 11.3 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 12.0 | 10.6 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 15.0 | 13.5 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |

MODEL SELECTION

# ■ Model: AUXK018GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

# ■ Model: AUXK024GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

# ■ Model: AUXK030GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 5.2 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 |
| -15.0 | -16.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 |
| -12.0 | -13.0 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 |
| -9.0 | -10.0 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 |
| -7.0 | -8.0 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 |
| -5.0 | -6.0 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 7.9 |
| -3.0 | -4.0 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.5 | 7.9 |
| -1.0 | -2.0 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 8.6 | 7.9 |
| 0.0 | -1.0 | 9.4 | 9.4 | 9.3 | 9.3 | 9.2 | 8.6 | 7.9 |
| 2.0 | 1.0 | 9.9 | 9.8 | 9.8 | 9.6 | 9.3 | 8.6 | 7.9 |
| 5.0 | 4.0 | 10.6 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 7.0 | 6.0 | 11.1 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 9.0 | 7.8 | 11.3 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 12.0 | 10.6 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 15.0 | 13.5 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |

# ■ Model: AUXK034GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -15.0 | -16.0 | 6.8 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 | 6.6 |
| -12.0 | -13.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 7.4 | 7.3 |
| -9.0 | -10.0 | 8.2 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 |
| -7.0 | -8.0 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.6 | 8.5 |
| -5.0 | -6.0 | 9.2 | 9.2 | 9.2 | 9.1 | 9.1 | 9.1 | 8.8 |
| -3.0 | -4.0 | 9.8 | 9.7 | 9.7 | 9.6 | 9.6 | 9.6 | 8.9 |
| -1.0 | -2.0 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 9.6 | 8.9 |
| 0.0 | -1.0 | 10.6 | 10.5 | 10.4 | 10.4 | 10.3 | 9.6 | 8.9 |
| 2.0 | 1.0 | 11.1 | 11.0 | 11.0 | 10.7 | 10.4 | 9.6 | 8.9 |
| 5.0 | 4.0 | 11.9 | 11.8 | 11.2 | 10.8 | 10.5 | 9.7 | 9.0 |
| 7.0 | 6.0 | 12.4 | 11.9 | 11.2 | 10.8 | 10.4 | 9.7 | 9.0 |
| 9.0 | 7.8 | 12.7 | 11.9 | 11.2 | 10.8 | 10.5 | 9.7 | 9.0 |
| 12.0 | 10.6 | 12.7 | 11.9 | 11.2 | 10.8 | 10.5 | 9.7 | 9.0 |
| 15.0 | 13.5 | 12.7 | 11.9 | 11.2 | 10.8 | 10.5 | 9.7 | 9.0 |

# ■ Model: AUXK036GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 |
| -15.0 | -16.0 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 |
| -12.0 | -13.0 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 |
| -9.0 | -10.0 | 9.2 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 9.0 |
| -7.0 | -8.0 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.6 | 9.5 |
| -5.0 | -6.0 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.1 | 9.8 |
| -3.0 | -4.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 | 9.9 |
| -1.0 | -2.0 | 11.5 | 11.4 | 11.3 | 11.3 | 11.3 | 10.7 | 9.9 |
| 0.0 | -1.0 | 11.8 | 11.7 | 11.6 | 11.6 | 11.5 | 10.7 | 9.9 |
| 2.0 | 1.0 | 12.4 | 12.3 | 12.2 | 12.0 | 11.6 | 10.8 | 9.9 |
| 5.0 | 4.0 | 13.3 | 13.2 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 7.0 | 6.0 | 13.8 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 9.0 | 7.8 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 12.0 | 10.6 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 15.0 | 13.5 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |

# ■ Model: AUXK045GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| -15.0 | -16.0 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 |
| -12.0 | -13.0 | 9.4 | 9.3 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 |
| -9.0 | -10.0 | 10.3 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 |
| -7.0 | -8.0 | 10.9 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 |
| -5.0 | -6.0 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.3 | 11.0 |
| -3.0 | -4.0 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 11.1 |
| -1.0 | -2.0 | 12.9 | 12.8 | 12.7 | 12.7 | 12.6 | 12.0 | 11.1 |
| 0.0 | -1.0 | 13.2 | 13.1 | 13.0 | 13.0 | 12.9 | 12.0 | 11.1 |
| 2.0 | 1.0 | 13.9 | 13.8 | 13.7 | 13.4 | 13.0 | 12.0 | 11.1 |
| 5.0 | 4.0 | 14.9 | 14.8 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 7.0 | 6.0 | 15.5 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 9.0 | 7.8 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 12.0 | 10.6 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 15.0 | 13.5 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |

# ■ Model: AUXK054GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 | 8.2 |
| -15.0 | -16.0 | 9.7 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.5 |
| -12.0 | -13.0 | 10.7 | 10.7 | 10.6 | 10.6 | 10.6 | 10.5 | 10.5 |
| -9.0 | -10.0 | 11.8 | 11.7 | 11.6 | 11.6 | 11.6 | 11.5 | 11.5 |
| -7.0 | -8.0 | 12.5 | 12.4 | 12.3 | 12.3 | 12.3 | 12.2 | 12.2 |
| -5.0 | -6.0 | 13.2 | 13.2 | 13.1 | 13.1 | 13.0 | 13.0 | 12.6 |
| -3.0 | -4.0 | 14.0 | 13.9 | 13.8 | 13.8 | 13.7 | 13.7 | 12.6 |
| -1.0 | -2.0 | 14.7 | 14.6 | 14.5 | 14.5 | 14.4 | 13.7 | 12.6 |
| 0.0 | -1.0 | 15.1 | 15.0 | 14.9 | 14.8 | 14.8 | 13.7 | 12.6 |
| 2.0 | 1.0 | 15.8 | 15.7 | 15.6 | 15.3 | 14.8 | 13.8 | 12.7 |
| 5.0 | 4.0 | 17.0 | 16.9 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 7.0 | 6.0 | 17.7 | 17.0 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 9.0 | 7.8 | 18.1 | 17.0 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 12.0 | 10.6 | 18.1 | 17.1 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 15.0 | 13.5 | 18.1 | 17.1 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |

# 3-4. 3D flow cassette type

## ■ Model: AUXS018GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

## ■ Model: AUXS024GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

# 3-5. One way flow cassette type

## ■ Model: AUXV004GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| -15.0 | -16.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| -12.0 | -13.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -9.0 | -10.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 |
| -7.0 | -8.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 | 1.1 | 1.0 |
| -5.0 | -6.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -3.0 | -4.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.1 | 1.0 |
| -1.0 | -2.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 0.0 | -1.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 2.0 | 1.0 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 |
| 5.0 | 4.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 7.0 | 6.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 9.0 | 7.8 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 12.0 | 10.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 15.0 | 13.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |

## ■ Model: AUXV007GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| -15.0 | -16.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| -12.0 | -13.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| -9.0 | -10.0 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| -7.0 | -8.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 |
| -5.0 | -6.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 |
| -3.0 | -4.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.2 |
| -1.0 | -2.0 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.2 |
| 0.0 | -1.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.4 | 2.2 |
| 2.0 | 1.0 | 2.8 | 2.8 | 2.7 | 2.7 | 2.6 | 2.4 | 2.2 |
| 5.0 | 4.0 | 3.0 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 7.0 | 6.0 | 3.1 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 9.0 | 7.8 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 12.0 | 10.6 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 15.0 | 13.5 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |

## ■ Model: AUXV009GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 |
| -15.0 | -16.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| -12.0 | -13.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| -9.0 | -10.0 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -7.0 | -8.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 |
| -5.0 | -6.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.5 |
| -3.0 | -4.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.5 |
| -1.0 | -2.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.7 | 2.5 |
| 0.0 | -1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.5 |
| 2.0 | 1.0 | 3.2 | 3.1 | 3.1 | 3.1 | 3.0 | 2.8 | 2.5 |
| 5.0 | 4.0 | 3.4 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 7.0 | 6.0 | 3.5 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 9.0 | 7.8 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 12.0 | 10.6 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 15.0 | 13.5 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |

MODEL SELECTION

# ■ Model: AUXV012GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| -15.0 | -16.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| -12.0 | -13.0 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 |
| -9.0 | -10.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| -7.0 | -8.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 |
| -5.0 | -6.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.1 |
| -3.0 | -4.0 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.2 |
| -1.0 | -2.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.4 | 3.2 |
| 0.0 | -1.0 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.4 | 3.2 |
| 2.0 | 1.0 | 4.0 | 3.9 | 3.9 | 3.8 | 3.7 | 3.4 | 3.2 |
| 5.0 | 4.0 | 4.3 | 4.2 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 7.0 | 6.0 | 4.4 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 9.0 | 7.8 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 12.0 | 10.6 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 15.0 | 13.5 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |

# ■ Model: AUXV014GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| -15.0 | -16.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| -12.0 | -13.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| -9.0 | -10.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| -7.0 | -8.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 |
| -5.0 | -6.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 3.9 |
| -3.0 | -4.0 | 4.4 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.0 |
| -1.0 | -2.0 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.3 | 4.0 |
| 0.0 | -1.0 | 4.7 | 4.7 | 4.7 | 4.6 | 4.6 | 4.3 | 4.0 |
| 2.0 | 1.0 | 5.0 | 4.9 | 4.9 | 4.8 | 4.6 | 4.3 | 4.0 |
| 5.0 | 4.0 | 5.3 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 7.0 | 6.0 | 5.5 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 9.0 | 7.8 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 12.0 | 10.6 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 15.0 | 13.5 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |

# ■ Model: AUXV018GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.5 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.8 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

# ■ Model: AUXV024GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

# 3-6. Low static pressure duct (Mini duct) type

## ■ Model: ARXK004GLGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| -15.0 | -16.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| -12.0 | -13.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -9.0 | -10.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -7.0 | -8.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -5.0 | -6.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -3.0 | -4.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -1.0 | -2.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 0.0 | -1.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 2.0 | 1.0 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 |
| 5.0 | 4.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 7.0 | 6.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 9.0 | 7.8 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 12.0 | 10.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 15.0 | 13.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |

## ■ Model: ARXK007GLGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| -15.0 | -16.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| -12.0 | -13.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| -9.0 | -10.0 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| -7.0 | -8.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 |
| -5.0 | -6.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 |
| -3.0 | -4.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.2 |
| -1.0 | -2.0 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.2 |
| 0.0 | -1.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.4 | 2.2 |
| 2.0 | 1.0 | 2.8 | 2.8 | 2.7 | 2.7 | 2.6 | 2.4 | 2.2 |
| 5.0 | 4.0 | 3.0 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 7.0 | 6.0 | 3.1 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 9.0 | 7.8 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 12.0 | 10.6 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 15.0 | 13.5 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |

## ■ Model: ARXK009GLGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 |
| -15.0 | -16.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| -12.0 | -13.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| -9.0 | -10.0 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -7.0 | -8.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 |
| -5.0 | -6.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.5 |
| -3.0 | -4.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.5 |
| -1.0 | -2.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.7 | 2.5 |
| 0.0 | -1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.5 |
| 2.0 | 1.0 | 3.2 | 3.1 | 3.1 | 3.1 | 3.0 | 2.8 | 2.5 |
| 5.0 | 4.0 | 3.4 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 7.0 | 6.0 | 3.5 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 9.0 | 7.8 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 12.0 | 10.6 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 15.0 | 13.5 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |

MODEL SELECTION

## Model: ARXK012GLGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| -15.0 | -16.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| -12.0 | -13.0 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 |
| -9.0 | -10.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| -7.0 | -8.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 |
| -5.0 | -6.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.1 |
| -3.0 | -4.0 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.2 |
| -1.0 | -2.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.4 | 3.2 |
| 0.0 | -1.0 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.4 | 3.2 |
| 2.0 | 1.0 | 4.0 | 3.9 | 3.9 | 3.8 | 3.7 | 3.4 | 3.2 |
| 5.0 | 4.0 | 4.3 | 4.2 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 7.0 | 6.0 | 4.4 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 9.0 | 7.8 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 12.0 | 10.6 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 15.0 | 13.5 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |

## Model: ARXK014GLGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| -15.0 | -16.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| -12.0 | -13.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| -9.0 | -10.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| -7.0 | -8.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 |
| -5.0 | -6.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 3.9 |
| -3.0 | -4.0 | 4.4 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.0 |
| -1.0 | -2.0 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.3 | 4.0 |
| 0.0 | -1.0 | 4.7 | 4.7 | 4.7 | 4.6 | 4.6 | 4.3 | 4.0 |
| 2.0 | 1.0 | 5.0 | 4.9 | 4.9 | 4.8 | 4.6 | 4.3 | 4.0 |
| 5.0 | 4.0 | 5.3 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 7.0 | 6.0 | 5.5 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 9.0 | 7.8 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 12.0 | 10.6 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 15.0 | 13.5 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |

## Model: ARXK018GLGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

## Model: ARXK024GLGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

# 3-7. Low static pressure duct (Slim duct)/Slim concealed floor type



MODEL SELECTION

## ■ Model: ARXD007GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| -15.0 | -16.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| -12.0 | -13.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| -9.0 | -10.0 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| -7.0 | -8.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 |
| -5.0 | -6.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 |
| -3.0 | -4.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.2 |
| -1.0 | -2.0 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.2 |
| 0.0 | -1.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.4 | 2.2 |
| 2.0 | 1.0 | 2.8 | 2.8 | 2.7 | 2.7 | 2.6 | 2.4 | 2.2 |
| 5.0 | 4.0 | 3.0 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 7.0 | 6.0 | 3.1 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 9.0 | 7.8 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 12.0 | 10.6 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 15.0 | 13.5 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |

## ■ Model: ARXD009GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 |
| -15.0 | -16.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| -12.0 | -13.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| -9.0 | -10.0 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -7.0 | -8.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 |
| -5.0 | -6.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.5 |
| -3.0 | -4.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.5 |
| -1.0 | -2.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.7 | 2.5 |
| 0.0 | -1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.5 |
| 2.0 | 1.0 | 3.2 | 3.1 | 3.1 | 3.1 | 3.0 | 2.8 | 2.5 |
| 5.0 | 4.0 | 3.4 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 7.0 | 6.0 | 3.5 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 9.0 | 7.8 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 12.0 | 10.6 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 15.0 | 13.5 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |

MODEL SELECTION

# ■ Model: ARXD012GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| -15.0 | -16.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| -12.0 | -13.0 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 |
| -9.0 | -10.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| -7.0 | -8.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 |
| -5.0 | -6.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.1 |
| -3.0 | -4.0 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.2 |
| -1.0 | -2.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.4 | 3.2 |
| 0.0 | -1.0 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.4 | 3.2 |
| 2.0 | 1.0 | 4.0 | 3.9 | 3.9 | 3.8 | 3.7 | 3.4 | 3.2 |
| 5.0 | 4.0 | 4.3 | 4.2 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 7.0 | 6.0 | 4.4 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 9.0 | 7.8 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 12.0 | 10.6 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 15.0 | 13.5 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |

# ■ Model: ARXD014GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| -15.0 | -16.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| -12.0 | -13.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| -9.0 | -10.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| -7.0 | -8.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 |
| -5.0 | -6.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 3.9 |
| -3.0 | -4.0 | 4.4 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.0 |
| -1.0 | -2.0 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.3 | 4.0 |
| 0.0 | -1.0 | 4.7 | 4.7 | 4.7 | 4.6 | 4.6 | 4.3 | 4.0 |
| 2.0 | 1.0 | 5.0 | 4.9 | 4.9 | 4.8 | 4.6 | 4.3 | 4.0 |
| 5.0 | 4.0 | 5.3 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 7.0 | 6.0 | 5.5 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 9.0 | 7.8 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 12.0 | 10.6 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 15.0 | 13.5 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |

# ■ Model: ARXD018GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

# ■ Model: ARXD024GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

# 3-8. Low static pressure duct (High efficiency) type

## ■ Model: ARXP018GLFH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

## ■ Model: ARXP030GLFH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 5.2 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 |
| -15.0 | -16.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 |
| -12.0 | -13.0 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 |
| -9.0 | -10.0 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 |
| -7.0 | -8.0 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 |
| -5.0 | -6.0 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 7.9 |
| -3.0 | -4.0 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.5 | 7.9 |
| -1.0 | -2.0 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 8.6 | 7.9 |
| 0.0 | -1.0 | 9.4 | 9.4 | 9.3 | 9.3 | 9.2 | 8.6 | 7.9 |
| 2.0 | 1.0 | 9.9 | 9.8 | 9.8 | 9.6 | 9.3 | 8.6 | 7.9 |
| 5.0 | 4.0 | 10.6 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 7.0 | 6.0 | 11.1 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 9.0 | 7.8 | 11.3 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 12.0 | 10.6 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 15.0 | 13.5 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |

# 3-9. Medium static pressure duct type

## ■ Model: ARXA024GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

## ■ Model: ARXA030GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 5.2 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 |
| -15.0 | -16.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 |
| -12.0 | -13.0 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 |
| -9.0 | -10.0 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 |
| -7.0 | -8.0 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 |
| -5.0 | -6.0 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 7.9 |
| -3.0 | -4.0 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.5 | 7.9 |
| -1.0 | -2.0 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 8.6 | 7.9 |
| 0.0 | -1.0 | 9.4 | 9.4 | 9.3 | 9.3 | 9.2 | 8.6 | 7.9 |
| 2.0 | 1.0 | 9.9 | 9.8 | 9.8 | 9.6 | 9.3 | 8.6 | 7.9 |
| 5.0 | 4.0 | 10.6 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 7.0 | 6.0 | 11.1 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 9.0 | 7.8 | 11.3 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 12.0 | 10.6 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 15.0 | 13.5 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |

## ■ Model: ARXA036GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 |
| -15.0 | -16.0 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 |
| -12.0 | -13.0 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 |
| -9.0 | -10.0 | 9.2 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 9.0 |
| -7.0 | -8.0 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.6 | 9.5 |
| -5.0 | -6.0 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.1 | 9.8 |
| -3.0 | -4.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 | 9.9 |
| -1.0 | -2.0 | 11.5 | 11.4 | 11.3 | 11.3 | 11.3 | 10.7 | 9.9 |
| 0.0 | -1.0 | 11.8 | 11.7 | 11.6 | 11.6 | 11.5 | 10.7 | 9.9 |
| 2.0 | 1.0 | 12.4 | 12.3 | 12.2 | 12.0 | 11.6 | 10.8 | 9.9 |
| 5.0 | 4.0 | 13.3 | 13.2 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 7.0 | 6.0 | 13.8 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 9.0 | 7.8 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 12.0 | 10.6 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 15.0 | 13.5 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |

# ■ Model: ARXA045GLEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| -15.0 | -16.0 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 |
| -12.0 | -13.0 | 9.4 | 9.3 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 |
| -9.0 | -10.0 | 10.3 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 |
| -7.0 | -8.0 | 10.9 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 |
| -5.0 | -6.0 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.3 | 11.0 |
| -3.0 | -4.0 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 11.1 |
| -1.0 | -2.0 | 12.9 | 12.8 | 12.7 | 12.7 | 12.6 | 12.0 | 11.1 |
| 0.0 | -1.0 | 13.2 | 13.1 | 13.0 | 13.0 | 12.9 | 12.0 | 11.1 |
| 2.0 | 1.0 | 13.9 | 13.8 | 13.7 | 13.4 | 13.0 | 12.0 | 11.1 |
| 5.0 | 4.0 | 14.9 | 14.8 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 7.0 | 6.0 | 15.5 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 9.0 | 7.8 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 12.0 | 10.6 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 15.0 | 13.5 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |

# 3-10. High static pressure duct type

## ■ Model: ARXC036GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 |
| -15.0 | -16.0 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 |
| -12.0 | -13.0 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 |
| -9.0 | -10.0 | 9.2 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 9.0 |
| -7.0 | -8.0 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.6 | 9.5 |
| -5.0 | -6.0 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.1 | 9.8 |
| -3.0 | -4.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 | 9.9 |
| -1.0 | -2.0 | 11.5 | 11.4 | 11.3 | 11.3 | 11.3 | 10.7 | 9.9 |
| 0.0 | -1.0 | 11.8 | 11.7 | 11.6 | 11.6 | 11.5 | 10.7 | 9.9 |
| 2.0 | 1.0 | 12.4 | 12.3 | 12.2 | 12.0 | 11.6 | 10.8 | 9.9 |
| 5.0 | 4.0 | 13.3 | 13.2 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 7.0 | 6.0 | 13.8 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 9.0 | 7.8 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 12.0 | 10.6 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 15.0 | 13.5 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |

## ■ Model: ARXC045GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| -15.0 | -16.0 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 |
| -12.0 | -13.0 | 9.4 | 9.3 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 |
| -9.0 | -10.0 | 10.3 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 |
| -7.0 | -8.0 | 10.9 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 |
| -5.0 | -6.0 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.3 | 11.0 |
| -3.0 | -4.0 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 11.1 |
| -1.0 | -2.0 | 12.9 | 12.8 | 12.7 | 12.7 | 12.6 | 12.0 | 11.1 |
| 0.0 | -1.0 | 13.2 | 13.1 | 13.0 | 13.0 | 12.9 | 12.0 | 11.1 |
| 2.0 | 1.0 | 13.9 | 13.8 | 13.7 | 13.4 | 13.0 | 12.0 | 11.1 |
| 5.0 | 4.0 | 14.9 | 14.8 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 7.0 | 6.0 | 15.5 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 9.0 | 7.8 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 12.0 | 10.6 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 15.0 | 13.5 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |

## ■ Model: ARXC060GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 10.4 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.2 |
| -15.0 | -16.0 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.9 | 11.9 |
| -12.0 | -13.0 | 13.4 | 13.3 | 13.3 | 13.2 | 13.2 | 13.1 | 13.1 |
| -9.0 | -10.0 | 14.7 | 14.7 | 14.5 | 14.5 | 14.5 | 14.4 | 14.3 |
| -7.0 | -8.0 | 15.6 | 15.6 | 15.4 | 15.4 | 15.4 | 15.3 | 15.2 |
| -5.0 | -6.0 | 16.5 | 16.4 | 16.4 | 16.3 | 16.3 | 16.2 | 15.7 |
| -3.0 | -4.0 | 17.5 | 17.3 | 17.3 | 17.2 | 17.1 | 17.1 | 15.8 |
| -1.0 | -2.0 | 18.4 | 18.3 | 18.2 | 18.1 | 18.0 | 17.1 | 15.8 |
| 0.0 | -1.0 | 18.9 | 18.7 | 18.6 | 18.5 | 18.5 | 17.1 | 15.8 |
| 2.0 | 1.0 | 19.8 | 19.7 | 19.6 | 19.2 | 18.5 | 17.2 | 15.9 |
| 5.0 | 4.0 | 21.3 | 21.1 | 20.0 | 19.3 | 18.7 | 17.3 | 16.0 |
| 7.0 | 6.0 | 22.2 | 21.3 | 20.0 | 19.3 | 18.7 | 17.3 | 16.0 |
| 9.0 | 7.8 | 22.7 | 21.3 | 20.0 | 19.3 | 18.7 | 17.3 | 16.0 |
| 12.0 | 10.6 | 22.7 | 21.3 | 20.0 | 19.3 | 18.7 | 17.3 | 16.0 |
| 15.0 | 13.5 | 22.7 | 21.3 | 20.0 | 19.3 | 18.7 | 17.3 | 16.0 |

# ■ Model: ARXC072GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 13.0 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.8 |
| -15.0 | -16.0 | 15.1 | 15.0 | 15.0 | 14.9 | 14.9 | 14.8 | 14.8 |
| -12.0 | -13.0 | 16.7 | 16.7 | 16.6 | 16.5 | 16.5 | 16.4 | 16.3 |
| -9.0 | -10.0 | 18.4 | 18.3 | 18.2 | 18.2 | 18.1 | 18.0 | 17.9 |
| -7.0 | -8.0 | 19.5 | 19.4 | 19.3 | 19.3 | 19.2 | 19.1 | 19.0 |
| -5.0 | -6.0 | 20.6 | 20.6 | 20.5 | 20.4 | 20.3 | 20.2 | 19.7 |
| -3.0 | -4.0 | 21.8 | 21.7 | 21.6 | 21.5 | 21.4 | 21.3 | 19.8 |
| -1.0 | -2.0 | 23.0 | 22.9 | 22.7 | 22.6 | 22.5 | 21.4 | 19.8 |
| 0.0 | -1.0 | 23.6 | 23.4 | 23.3 | 23.2 | 23.1 | 21.4 | 19.8 |
| 2.0 | 1.0 | 24.8 | 24.6 | 24.4 | 24.0 | 23.2 | 21.5 | 19.8 |
| 5.0 | 4.0 | 26.6 | 26.4 | 25.0 | 24.1 | 23.3 | 21.7 | 20.0 |
| 7.0 | 6.0 | 27.7 | 26.6 | 25.0 | 24.1 | 23.3 | 21.7 | 20.0 |
| 9.0 | 7.8 | 28.3 | 26.6 | 25.0 | 24.1 | 23.3 | 21.7 | 20.0 |
| 12.0 | 10.6 | 28.3 | 26.7 | 25.0 | 24.1 | 23.3 | 21.7 | 20.0 |
| 15.0 | 13.5 | 28.3 | 26.7 | 25.0 | 24.1 | 23.3 | 21.7 | 20.0 |

# ■ Model: ARXC090GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 14.6 | 14.5 | 14.5 | 14.5 | 14.4 | 14.4 | 14.3 |
| -15.0 | -16.0 | 16.9 | 16.8 | 16.8 | 16.7 | 16.7 | 16.6 | 16.6 |
| -12.0 | -13.0 | 18.8 | 18.7 | 18.6 | 18.5 | 18.5 | 18.4 | 18.3 |
| -9.0 | -10.0 | 20.6 | 20.5 | 20.4 | 20.4 | 20.3 | 20.2 | 20.1 |
| -7.0 | -8.0 | 21.9 | 21.8 | 21.6 | 21.6 | 21.5 | 21.4 | 21.3 |
| -5.0 | -6.0 | 23.1 | 23.0 | 22.9 | 22.8 | 22.8 | 22.7 | 22.0 |
| -3.0 | -4.0 | 24.4 | 24.3 | 24.2 | 24.1 | 24.0 | 23.9 | 22.1 |
| -1.0 | -2.0 | 25.8 | 25.6 | 25.4 | 25.3 | 25.2 | 24.0 | 22.1 |
| 0.0 | -1.0 | 26.4 | 26.2 | 26.0 | 26.0 | 25.9 | 24.0 | 22.1 |
| 2.0 | 1.0 | 27.7 | 27.6 | 27.4 | 26.8 | 26.0 | 24.1 | 22.2 |
| 5.0 | 4.0 | 29.8 | 29.6 | 28.0 | 27.0 | 26.1 | 24.3 | 22.4 |
| 7.0 | 6.0 | 31.0 | 29.8 | 28.0 | 27.0 | 26.1 | 24.3 | 22.4 |
| 9.0 | 7.8 | 31.7 | 29.8 | 28.0 | 27.0 | 26.1 | 24.3 | 22.4 |
| 12.0 | 10.6 | 31.7 | 29.9 | 28.0 | 27.0 | 26.1 | 24.3 | 22.4 |
| 15.0 | 13.5 | 31.7 | 29.9 | 28.0 | 27.0 | 26.1 | 24.3 | 22.4 |

# ■ Model: ARXC096GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 16.4 | 16.3 | 16.3 | 16.3 | 16.2 | 16.2 | 16.1 |
| -15.0 | -16.0 | 19.0 | 18.9 | 18.9 | 18.8 | 18.8 | 18.7 | 18.7 |
| -12.0 | -13.0 | 21.1 | 21.0 | 20.9 | 20.8 | 20.8 | 20.7 | 20.6 |
| -9.0 | -10.0 | 23.2 | 23.1 | 22.9 | 22.9 | 22.8 | 22.7 | 22.6 |
| -7.0 | -8.0 | 24.6 | 24.5 | 24.3 | 24.3 | 24.2 | 24.1 | 24.0 |
| -5.0 | -6.0 | 26.0 | 25.9 | 25.8 | 25.7 | 25.6 | 25.5 | 24.8 |
| -3.0 | -4.0 | 27.5 | 27.3 | 27.2 | 27.1 | 27.0 | 26.9 | 26.9 |
| -1.0 | -2.0 | 29.0 | 28.8 | 28.6 | 28.5 | 28.4 | 27.0 | 24.9 |
| 0.0 | -1.0 | 29.7 | 29.5 | 29.3 | 29.2 | 29.1 | 27.0 | 24.9 |
| 2.0 | 1.0 | 31.2 | 31.0 | 30.8 | 30.2 | 29.2 | 27.1 | 25.0 |
| 5.0 | 4.0 | 33.5 | 33.3 | 31.5 | 30.4 | 29.4 | 27.3 | 25.2 |
| 7.0 | 6.0 | 34.9 | 33.5 | 31.5 | 30.4 | 29.4 | 27.3 | 25.2 |
| 9.0 | 7.8 | 35.7 | 33.5 | 31.5 | 30.4 | 29.4 | 27.3 | 25.2 |
| 12.0 | 10.6 | 35.7 | 33.6 | 31.5 | 30.4 | 29.4 | 27.3 | 25.2 |
| 15.0 | 13.5 | 35.7 | 33.6 | 31.5 | 30.4 | 29.4 | 27.3 | 25.2 |

# 3-11. Compact floor type

## ■ Model: AG∗A004GCGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| -15.0 | -16.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| -12.0 | -13.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -9.0 | -10.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -7.0 | -8.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -5.0 | -6.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -3.0 | -4.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -1.0 | -2.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 0.0 | -1.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 2.0 | 1.0 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 |
| 5.0 | 4.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 7.0 | 6.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 9.0 | 7.8 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 12.0 | 10.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 15.0 | 13.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |

## ■ Model: AG∗A007GCGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| -15.0 | -16.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| -12.0 | -13.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| -9.0 | -10.0 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| -7.0 | -8.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 |
| -5.0 | -6.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 |
| -3.0 | -4.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.2 |
| -1.0 | -2.0 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.2 |
| 0.0 | -1.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.4 | 2.2 |
| 2.0 | 1.0 | 2.8 | 2.8 | 2.7 | 2.7 | 2.6 | 2.4 | 2.2 |
| 5.0 | 4.0 | 3.0 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 7.0 | 6.0 | 3.1 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 9.0 | 7.8 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 12.0 | 10.6 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 15.0 | 13.5 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |

## ■ Model: AG∗A009GCGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 |
| -15.0 | -16.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| -12.0 | -13.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| -9.0 | -10.0 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -7.0 | -8.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 |
| -5.0 | -6.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.5 |
| -3.0 | -4.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.5 |
| -1.0 | -2.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.7 | 2.5 |
| 0.0 | -1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.5 |
| 2.0 | 1.0 | 3.2 | 3.1 | 3.1 | 3.1 | 3.0 | 2.8 | 2.5 |
| 5.0 | 4.0 | 3.4 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 7.0 | 6.0 | 3.5 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 9.0 | 7.8 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 12.0 | 10.6 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 15.0 | 13.5 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |

# ■ Model: AG∗A012GCGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| -15.0 | -16.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| -12.0 | -13.0 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 |
| -9.0 | -10.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| -7.0 | -8.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 |
| -5.0 | -6.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.1 |
| -3.0 | -4.0 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.2 |
| -1.0 | -2.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.4 | 3.2 |
| 0.0 | -1.0 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.4 | 3.2 |
| 2.0 | 1.0 | 4.0 | 3.9 | 3.9 | 3.8 | 3.7 | 3.4 | 3.2 |
| 5.0 | 4.0 | 4.3 | 4.2 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 7.0 | 6.0 | 4.4 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 9.0 | 7.8 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 12.0 | 10.6 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 15.0 | 13.5 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |

# ■ Model: AG∗A014GCGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -15.0 | -16.0 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| -12.0 | -13.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.9 |
| -9.0 | -10.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 |
| -7.0 | -8.0 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 |
| -5.0 | -6.0 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.6 | 3.5 |
| -3.0 | -4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.6 |
| -1.0 | -2.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.9 | 3.6 |
| 0.0 | -1.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 3.9 | 3.6 |
| 2.0 | 1.0 | 4.5 | 4.4 | 4.4 | 4.3 | 4.2 | 3.9 | 3.6 |
| 5.0 | 4.0 | 4.8 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 7.0 | 6.0 | 5.0 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 9.0 | 7.8 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 12.0 | 10.6 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 15.0 | 13.5 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |

# 3-12. Compact floor type (EEV external type model)

## ■ Model: AG∗E004GCEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| -15.0 | -16.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| -12.0 | -13.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -9.0 | -10.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -7.0 | -8.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -5.0 | -6.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -3.0 | -4.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -1.0 | -2.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 0.0 | -1.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 2.0 | 1.0 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 |
| 5.0 | 4.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 7.0 | 6.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 9.0 | 7.8 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 12.0 | 10.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 15.0 | 13.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |

## ■ Model: AG∗E007GCEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| -15.0 | -16.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| -12.0 | -13.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| -9.0 | -10.0 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| -7.0 | -8.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 |
| -5.0 | -6.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 |
| -3.0 | -4.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.2 |
| -1.0 | -2.0 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.2 |
| 0.0 | -1.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.4 | 2.2 |
| 2.0 | 1.0 | 2.8 | 2.8 | 2.7 | 2.7 | 2.6 | 2.4 | 2.2 |
| 5.0 | 4.0 | 3.0 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 7.0 | 6.0 | 3.1 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 9.0 | 7.8 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 12.0 | 10.6 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 15.0 | 13.5 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |

## ■ Model: AG∗E009GCEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 |
| -15.0 | -16.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| -12.0 | -13.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| -9.0 | -10.0 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -7.0 | -8.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 |
| -5.0 | -6.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.5 |
| -3.0 | -4.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.5 |
| -1.0 | -2.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.7 | 2.5 |
| 0.0 | -1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.5 |
| 2.0 | 1.0 | 3.2 | 3.1 | 3.1 | 3.1 | 3.0 | 2.8 | 2.5 |
| 5.0 | 4.0 | 3.4 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 7.0 | 6.0 | 3.5 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 9.0 | 7.8 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 12.0 | 10.6 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 15.0 | 13.5 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |

# ■ Model: AG∗E012GCEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| -15.0 | -16.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| -12.0 | -13.0 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 |
| -9.0 | -10.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| -7.0 | -8.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 |
| -5.0 | -6.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.1 |
| -3.0 | -4.0 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.2 |
| -1.0 | -2.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.4 | 3.2 |
| 0.0 | -1.0 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.4 | 3.2 |
| 2.0 | 1.0 | 4.0 | 3.9 | 3.9 | 3.8 | 3.7 | 3.4 | 3.2 |
| 5.0 | 4.0 | 4.3 | 4.2 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 7.0 | 6.0 | 4.4 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 9.0 | 7.8 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 12.0 | 10.6 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 15.0 | 13.5 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |

# ■ Model: AG∗E014GCEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -15.0 | -16.0 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| -12.0 | -13.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.9 |
| -9.0 | -10.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 |
| -7.0 | -8.0 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 |
| -5.0 | -6.0 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.6 | 3.5 |
| -3.0 | -4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.6 |
| -1.0 | -2.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.9 | 3.6 |
| 0.0 | -1.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 3.9 | 3.6 |
| 2.0 | 1.0 | 4.5 | 4.4 | 4.4 | 4.3 | 4.2 | 3.9 | 3.6 |
| 5.0 | 4.0 | 4.8 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 7.0 | 6.0 | 5.0 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 9.0 | 7.8 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 12.0 | 10.6 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 15.0 | 13.5 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |

# 3-13. Floor/Ceiling type

## ■ Model: AB∗A012GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| -15.0 | -16.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| -12.0 | -13.0 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 |
| -9.0 | -10.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| -7.0 | -8.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 |
| -5.0 | -6.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.1 |
| -3.0 | -4.0 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.2 |
| -1.0 | -2.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.4 | 3.2 |
| 0.0 | -1.0 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.4 | 3.2 |
| 2.0 | 1.0 | 4.0 | 3.9 | 3.9 | 3.8 | 3.7 | 3.4 | 3.2 |
| 5.0 | 4.0 | 4.3 | 4.2 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 7.0 | 6.0 | 4.4 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 9.0 | 7.8 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 12.0 | 10.6 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 15.0 | 13.5 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |

## ■ Model: AB∗A014GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| -15.0 | -16.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| -12.0 | -13.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| -9.0 | -10.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| -7.0 | -8.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 |
| -5.0 | -6.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 3.9 |
| -3.0 | -4.0 | 4.4 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.0 |
| -1.0 | -2.0 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.3 | 4.0 |
| 0.0 | -1.0 | 4.7 | 4.7 | 4.7 | 4.6 | 4.6 | 4.3 | 4.0 |
| 2.0 | 1.0 | 5.0 | 4.9 | 4.9 | 4.8 | 4.6 | 4.3 | 4.0 |
| 5.0 | 4.0 | 5.3 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 7.0 | 6.0 | 5.5 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 9.0 | 7.8 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 12.0 | 10.6 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |
| 15.0 | 13.5 | 5.7 | 5.3 | 5.0 | 4.8 | 4.7 | 4.3 | 4.0 |

## ■ Model: AB∗A018GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

# ■ Model: AB∗A024GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

# 3-14. Ceiling type

## ■ Model: AB∗A030GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 5.2 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 |
| -15.0 | -16.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 |
| -12.0 | -13.0 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 |
| -9.0 | -10.0 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 |
| -7.0 | -8.0 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 |
| -5.0 | -6.0 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 7.9 |
| -3.0 | -4.0 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.5 | 7.9 |
| -1.0 | -2.0 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 8.6 | 7.9 |
| 0.0 | -1.0 | 9.4 | 9.4 | 9.3 | 9.3 | 9.2 | 8.6 | 7.9 |
| 2.0 | 1.0 | 9.9 | 9.8 | 9.8 | 9.6 | 9.3 | 8.6 | 7.9 |
| 5.0 | 4.0 | 10.6 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 7.0 | 6.0 | 11.1 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 9.0 | 7.8 | 11.3 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 12.0 | 10.6 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 15.0 | 13.5 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |

## ■ Model: AB∗A036GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 |
| -15.0 | -16.0 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 |
| -12.0 | -13.0 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 |
| -9.0 | -10.0 | 9.2 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 9.0 |
| -7.0 | -8.0 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.6 | 9.5 |
| -5.0 | -6.0 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.1 | 9.8 |
| -3.0 | -4.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 | 9.9 |
| -1.0 | -2.0 | 11.5 | 11.4 | 11.3 | 11.3 | 11.3 | 10.7 | 9.9 |
| 0.0 | -1.0 | 11.8 | 11.7 | 11.6 | 11.6 | 11.5 | 10.7 | 9.9 |
| 2.0 | 1.0 | 12.4 | 12.3 | 12.2 | 12.0 | 11.6 | 10.8 | 9.9 |
| 5.0 | 4.0 | 13.3 | 13.2 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 7.0 | 6.0 | 13.8 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 9.0 | 7.8 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 12.0 | 10.6 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |
| 15.0 | 13.5 | 14.2 | 13.3 | 12.5 | 12.1 | 11.7 | 10.8 | 10.0 |

## ■ Model: AB∗A045GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| -15.0 | -16.0 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 |
| -12.0 | -13.0 | 9.4 | 9.3 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 |
| -9.0 | -10.0 | 10.3 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 |
| -7.0 | -8.0 | 10.9 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 |
| -5.0 | -6.0 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.3 | 11.0 |
| -3.0 | -4.0 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 11.1 |
| -1.0 | -2.0 | 12.9 | 12.8 | 12.7 | 12.7 | 12.6 | 12.0 | 11.1 |
| 0.0 | -1.0 | 13.2 | 13.1 | 13.0 | 13.0 | 12.9 | 12.0 | 11.1 |
| 2.0 | 1.0 | 13.9 | 13.8 | 13.7 | 13.4 | 13.0 | 12.0 | 11.1 |
| 5.0 | 4.0 | 14.9 | 14.8 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 7.0 | 6.0 | 15.5 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 9.0 | 7.8 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 12.0 | 10.6 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |
| 15.0 | 13.5 | 15.9 | 14.9 | 14.0 | 13.5 | 13.1 | 12.1 | 11.2 |

# ■ Model: AB∗A054GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 | 8.2 |
| -15.0 | -16.0 | 9.7 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.5 |
| -12.0 | -13.0 | 10.7 | 10.7 | 10.6 | 10.6 | 10.6 | 10.5 | 10.5 |
| -9.0 | -10.0 | 11.8 | 11.7 | 11.6 | 11.6 | 11.6 | 11.5 | 11.5 |
| -7.0 | -8.0 | 12.5 | 12.4 | 12.3 | 12.3 | 12.3 | 12.2 | 12.2 |
| -5.0 | -6.0 | 13.2 | 13.2 | 13.1 | 13.1 | 13.0 | 13.0 | 12.6 |
| -3.0 | -4.0 | 14.0 | 13.9 | 13.8 | 13.8 | 13.7 | 13.7 | 12.6 |
| -1.0 | -2.0 | 14.7 | 14.6 | 14.5 | 14.5 | 14.4 | 13.7 | 12.6 |
| 0.0 | -1.0 | 15.1 | 15.0 | 14.9 | 14.8 | 14.8 | 13.7 | 12.6 |
| 2.0 | 1.0 | 15.8 | 15.7 | 15.6 | 15.3 | 14.8 | 13.8 | 12.7 |
| 5.0 | 4.0 | 17.0 | 16.9 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 7.0 | 6.0 | 17.7 | 17.0 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 9.0 | 7.8 | 18.1 | 17.0 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 12.0 | 10.6 | 18.1 | 17.1 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |
| 15.0 | 13.5 | 18.1 | 17.1 | 16.0 | 15.4 | 14.9 | 13.9 | 12.8 |

# 3-15. Wall mounted type

## ■ Model: AS∗A004GCGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| -15.0 | -16.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| -12.0 | -13.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -9.0 | -10.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -7.0 | -8.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -5.0 | -6.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -3.0 | -4.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -1.0 | -2.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 0.0 | -1.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 2.0 | 1.0 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 |
| 5.0 | 4.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 7.0 | 6.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 9.0 | 7.8 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 12.0 | 10.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 15.0 | 13.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |

## ■ Model: AS∗A007GCGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| -15.0 | -16.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| -12.0 | -13.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| -9.0 | -10.0 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| -7.0 | -8.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 |
| -5.0 | -6.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 |
| -3.0 | -4.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.2 |
| -1.0 | -2.0 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.2 |
| 0.0 | -1.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.4 | 2.2 |
| 2.0 | 1.0 | 2.8 | 2.8 | 2.7 | 2.7 | 2.6 | 2.4 | 2.2 |
| 5.0 | 4.0 | 3.0 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 7.0 | 6.0 | 3.1 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 9.0 | 7.8 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 12.0 | 10.6 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 15.0 | 13.5 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |

## ■ Model: AS∗A009GCGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 |
| -15.0 | -16.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| -12.0 | -13.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| -9.0 | -10.0 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -7.0 | -8.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 |
| -5.0 | -6.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.5 |
| -3.0 | -4.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.5 |
| -1.0 | -2.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.7 | 2.5 |
| 0.0 | -1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.5 |
| 2.0 | 1.0 | 3.2 | 3.1 | 3.1 | 3.1 | 3.0 | 2.8 | 2.5 |
| 5.0 | 4.0 | 3.4 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 7.0 | 6.0 | 3.5 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 9.0 | 7.8 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 12.0 | 10.6 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 15.0 | 13.5 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |

MODEL SELECTION

## ■ Model: AS∗A012GCGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| -15.0 | -16.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| -12.0 | -13.0 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 |
| -9.0 | -10.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| -7.0 | -8.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 |
| -5.0 | -6.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.1 |
| -3.0 | -4.0 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.2 |
| -1.0 | -2.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.4 | 3.2 |
| 0.0 | -1.0 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.4 | 3.2 |
| 2.0 | 1.0 | 4.0 | 3.9 | 3.9 | 3.8 | 3.7 | 3.4 | 3.2 |
| 5.0 | 4.0 | 4.3 | 4.2 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 7.0 | 6.0 | 4.4 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 9.0 | 7.8 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 12.0 | 10.6 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 15.0 | 13.5 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |

## ■ Model: AS∗A014GCGH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -15.0 | -16.0 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| -12.0 | -13.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.9 |
| -9.0 | -10.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 |
| -7.0 | -8.0 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 |
| -5.0 | -6.0 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.6 | 3.5 |
| -3.0 | -4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.6 |
| -1.0 | -2.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.9 | 3.6 |
| 0.0 | -1.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 3.9 | 3.6 |
| 2.0 | 1.0 | 4.5 | 4.4 | 4.4 | 4.3 | 4.2 | 3.9 | 3.6 |
| 5.0 | 4.0 | 4.8 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 7.0 | 6.0 | 5.0 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 9.0 | 7.8 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 12.0 | 10.6 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 15.0 | 13.5 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |

## ■ Model: AS∗A18GBCH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 |
| -15.0 | -16.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| -12.0 | -13.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 |
| -9.0 | -10.0 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 |
| -7.0 | -8.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 |
| -5.0 | -6.0 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 |
| -3.0 | -4.0 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.0 |
| -1.0 | -2.0 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.4 | 5.0 |
| 0.0 | -1.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 5.0 |
| 2.0 | 1.0 | 6.2 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.0 |
| 5.0 | 4.0 | 6.7 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 7.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 9.0 | 7.8 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 12.0 | 10.6 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |
| 15.0 | 13.5 | 7.1 | 6.7 | 6.3 | 6.1 | 5.9 | 5.5 | 5.0 |

MODEL SELECTION

## ■ Model: AS∗A24GBCH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15.0 | -16.0 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -12.0 | -13.0 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| -9.0 | -10.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -7.0 | -8.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 |
| -5.0 | -6.0 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.3 |
| -3.0 | -4.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.3 |
| -1.0 | -2.0 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 6.9 | 6.3 |
| 0.0 | -1.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 6.9 | 6.3 |
| 2.0 | 1.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.4 | 6.9 | 6.3 |
| 5.0 | 4.0 | 8.5 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 7.0 | 6.0 | 8.9 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 9.0 | 7.8 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 12.0 | 10.6 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |
| 15.0 | 13.5 | 9.1 | 8.5 | 8.0 | 7.7 | 7.5 | 6.9 | 6.4 |

## ■ Model: AS∗A030GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 5.2 | 5.2 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 |
| -15.0 | -16.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 |
| -12.0 | -13.0 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 |
| -9.0 | -10.0 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 |
| -7.0 | -8.0 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 |
| -5.0 | -6.0 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 7.9 |
| -3.0 | -4.0 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.5 | 7.9 |
| -1.0 | -2.0 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 8.6 | 7.9 |
| 0.0 | -1.0 | 9.4 | 9.4 | 9.3 | 9.3 | 9.2 | 8.6 | 7.9 |
| 2.0 | 1.0 | 9.9 | 9.8 | 9.8 | 9.6 | 9.3 | 8.6 | 7.9 |
| 5.0 | 4.0 | 10.6 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 7.0 | 6.0 | 11.1 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 9.0 | 7.8 | 11.3 | 10.6 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 12.0 | 10.6 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |
| 15.0 | 13.5 | 11.3 | 10.7 | 10.0 | 9.7 | 9.3 | 8.7 | 8.0 |

## ■ Model: AS∗A034GTEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.7 |
| -15.0 | -16.0 | 6.8 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 | 6.6 |
| -12.0 | -13.0 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 7.4 | 7.3 |
| -9.0 | -10.0 | 8.2 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 |
| -7.0 | -8.0 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.6 | 8.5 |
| -5.0 | -6.0 | 9.2 | 9.2 | 9.2 | 9.1 | 9.1 | 9.1 | 8.8 |
| -3.0 | -4.0 | 9.8 | 9.7 | 9.7 | 9.6 | 9.6 | 9.6 | 8.9 |
| -1.0 | -2.0 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 9.6 | 8.9 |
| 0.0 | -1.0 | 10.6 | 10.5 | 10.4 | 10.4 | 10.3 | 9.6 | 8.9 |
| 2.0 | 1.0 | 11.1 | 11.0 | 11.0 | 10.7 | 10.4 | 9.6 | 8.9 |
| 5.0 | 4.0 | 11.9 | 11.8 | 11.2 | 10.8 | 10.5 | 9.7 | 9.0 |
| 7.0 | 6.0 | 12.4 | 11.9 | 11.2 | 10.8 | 10.4 | 9.7 | 9.0 |
| 9.0 | 7.8 | 12.7 | 11.9 | 11.2 | 10.8 | 10.5 | 9.7 | 9.0 |
| 12.0 | 10.6 | 12.7 | 11.9 | 11.2 | 10.8 | 10.5 | 9.7 | 9.0 |
| 15.0 | 13.5 | 12.7 | 11.9 | 11.2 | 10.8 | 10.5 | 9.7 | 9.0 |

# 3-16. Wall mounted type (EEV external type model)

## ■ Model: AS∗E004GCEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| -15.0 | -16.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| -12.0 | -13.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -9.0 | -10.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -7.0 | -8.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -5.0 | -6.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -3.0 | -4.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| -1.0 | -2.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 0.0 | -1.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.0 |
| 2.0 | 1.0 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 |
| 5.0 | 4.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 7.0 | 6.0 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 9.0 | 7.8 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 12.0 | 10.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 15.0 | 13.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |

## ■ Model: AS∗E007GCEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| -15.0 | -16.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| -12.0 | -13.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| -9.0 | -10.0 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| -7.0 | -8.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 |
| -5.0 | -6.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 |
| -3.0 | -4.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.2 |
| -1.0 | -2.0 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.2 |
| 0.0 | -1.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.4 | 2.2 |
| 2.0 | 1.0 | 2.8 | 2.8 | 2.7 | 2.7 | 2.6 | 2.4 | 2.2 |
| 5.0 | 4.0 | 3.0 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 7.0 | 6.0 | 3.1 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 9.0 | 7.8 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 12.0 | 10.6 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |
| 15.0 | 13.5 | 3.2 | 3.0 | 2.8 | 2.7 | 2.6 | 2.4 | 2.2 |

## ■ Model: AS∗E009GCEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 |
| -15.0 | -16.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| -12.0 | -13.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| -9.0 | -10.0 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -7.0 | -8.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 |
| -5.0 | -6.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.5 |
| -3.0 | -4.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.5 |
| -1.0 | -2.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.7 | 2.5 |
| 0.0 | -1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.5 |
| 2.0 | 1.0 | 3.2 | 3.1 | 3.1 | 3.1 | 3.0 | 2.8 | 2.5 |
| 5.0 | 4.0 | 3.4 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 7.0 | 6.0 | 3.5 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 9.0 | 7.8 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 12.0 | 10.6 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |
| 15.0 | 13.5 | 3.6 | 3.4 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 |

# ■ Model: AS∗E012GCEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| -15.0 | -16.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| -12.0 | -13.0 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 |
| -9.0 | -10.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| -7.0 | -8.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 |
| -5.0 | -6.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.1 |
| -3.0 | -4.0 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.2 |
| -1.0 | -2.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.4 | 3.2 |
| 0.0 | -1.0 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.4 | 3.2 |
| 2.0 | 1.0 | 4.0 | 3.9 | 3.9 | 3.8 | 3.7 | 3.4 | 3.2 |
| 5.0 | 4.0 | 4.3 | 4.2 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 7.0 | 6.0 | 4.4 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 9.0 | 7.8 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 12.0 | 10.6 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |
| 15.0 | 13.5 | 4.5 | 4.3 | 4.0 | 3.9 | 3.7 | 3.5 | 3.2 |

# ■ Model: AS∗E014GCEH

| Outdoor temperature | | Indoor temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 16°CDB | 18°CDB | 20°CDB | 21°CDB | 22°CDB | 24°CDB | 26°CDB |
| °CDB | °CWB | TC | TC | TC | TC | TC | TC | TC |
| -19.3 | -20.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -15.0 | -16.0 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| -12.0 | -13.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.9 |
| -9.0 | -10.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 |
| -7.0 | -8.0 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 |
| -5.0 | -6.0 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.6 | 3.5 |
| -3.0 | -4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.6 |
| -1.0 | -2.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.9 | 3.6 |
| 0.0 | -1.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 3.9 | 3.6 |
| 2.0 | 1.0 | 4.5 | 4.4 | 4.4 | 4.3 | 4.2 | 3.9 | 3.6 |
| 5.0 | 4.0 | 4.8 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 7.0 | 6.0 | 5.0 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 9.0 | 7.8 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 12.0 | 10.6 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |
| 15.0 | 13.5 | 5.1 | 4.8 | 4.5 | 4.3 | 4.2 | 3.9 | 3.6 |

# 4. Cooling capacity table (Outdoor unit)

- TC: Total capacity (kW)
- IP: Input power of compressor and outdoor fan motor (kW)
- The data is based on the following conditions:
  - Pipe length: 7.5 m
  - Height difference: 0 m

## 4-1. Stand-alone

### ■ Model: AJ∗072GALDH

| Cooling capacity at rated condition: 22.4 kW (8HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 33.6 (150%) | 10 | 24.9 | 4.20 | 26.5 | 4.40 | 27.1 | 4.40 | 27.8 | 4.40 | 28.3 | 4.41 | 29.0 | 4.40 | 30.4 | 4.37 | 31.1 | 4.35 |
| | 15 | 24.9 | 4.32 | 26.3 | 4.49 | 26.9 | 4.49 | 27.6 | 4.49 | 28.1 | 4.50 | 28.8 | 4.49 | 30.2 | 4.47 | 30.8 | 4.45 |
| | 21 | 24.9 | 4.56 | 25.9 | 4.65 | 26.6 | 4.65 | 27.2 | 4.65 | 27.7 | 4.68 | 28.4 | 4.67 | 29.7 | 4.64 | 30.4 | 4.63 |
| | 23 | 24.9 | 4.66 | 25.8 | 4.72 | 26.4 | 4.72 | 27.1 | 4.72 | 27.5 | 4.75 | 28.2 | 4.74 | 29.4 | 4.78 | 30.0 | 4.80 |
| | 25 | 24.9 | 4.77 | 25.6 | 4.79 | 26.2 | 4.80 | 26.8 | 4.84 | 27.2 | 4.89 | 27.8 | 4.92 | 28.9 | 4.96 | 29.5 | 4.98 |
| | 27 | 24.7 | 4.91 | 25.3 | 4.94 | 25.8 | 4.98 | 26.4 | 5.01 | 26.8 | 5.07 | 27.3 | 5.10 | 28.5 | 5.15 | 29.0 | 5.17 |
| | 30 | 24.2 | 5.16 | 24.7 | 5.20 | 25.3 | 5.24 | 25.8 | 5.27 | 26.1 | 5.35 | 26.7 | 5.37 | 27.8 | 5.42 | 28.3 | 5.45 |
| | 33 | 23.6 | 5.42 | 24.1 | 5.46 | 24.7 | 5.50 | 25.2 | 5.53 | 25.4 | 5.62 | 26.0 | 5.65 | 27.0 | 5.71 | 27.6 | 5.74 |
| | 35 | 23.2 | 5.59 | 23.7 | 5.64 | 24.2 | 5.68 | 24.8 | 5.72 | 25.0 | 5.82 | 25.5 | 5.86 | 26.5 | 5.93 | 27.1 | 5.96 |
| | 37 | 22.8 | 5.78 | 23.3 | 5.83 | 23.8 | 5.88 | 24.3 | 5.92 | 24.5 | 6.03 | 25.0 | 6.07 | 26.0 | 6.15 | 26.5 | 6.18 |
| | 40 | 22.1 | 6.07 | 22.6 | 6.12 | 23.1 | 6.17 | 23.6 | 6.22 | 23.8 | 6.35 | 24.3 | 6.39 | 25.3 | 6.48 | 25.8 | 6.52 |
| | 43 | 21.5 | 6.36 | 22.0 | 6.42 | 22.4 | 6.47 | 22.9 | 6.52 | 23.0 | 6.67 | 23.5 | 6.72 | 24.5 | 6.81 | 25.0 | 6.85 |
| | 46 | 20.8 | 6.66 | 21.3 | 6.71 | 21.7 | 6.77 | 22.2 | 6.83 | 22.3 | 6.99 | 22.8 | 7.04 | 23.7 | 7.14 | 24.2 | 7.19 |
| 31.3 (140%) | 10 | 23.3 | 3.94 | 25.3 | 4.26 | 26.6 | 4.40 | 27.2 | 4.40 | 27.9 | 4.41 | 28.5 | 4.40 | 29.9 | 4.38 | 30.6 | 4.37 |
| | 15 | 23.3 | 4.05 | 25.3 | 4.38 | 26.4 | 4.49 | 27.0 | 4.49 | 27.7 | 4.51 | 28.3 | 4.50 | 29.6 | 4.48 | 30.3 | 4.46 |
| | 21 | 23.3 | 4.27 | 25.3 | 4.62 | 26.0 | 4.65 | 26.6 | 4.65 | 27.3 | 4.68 | 27.9 | 4.67 | 29.2 | 4.65 | 29.9 | 4.64 |
| | 23 | 23.3 | 4.37 | 25.3 | 4.71 | 25.9 | 4.72 | 26.5 | 4.72 | 27.1 | 4.75 | 27.7 | 4.75 | 29.0 | 4.76 | 29.5 | 4.79 |
| | 25 | 23.3 | 4.48 | 25.1 | 4.79 | 25.7 | 4.79 | 26.3 | 4.81 | 26.8 | 4.88 | 27.4 | 4.90 | 28.5 | 4.95 | 29.1 | 4.97 |
| | 27 | 23.3 | 4.59 | 24.8 | 4.91 | 25.4 | 4.95 | 25.9 | 4.98 | 26.4 | 5.06 | 26.9 | 5.08 | 28.1 | 5.13 | 28.6 | 5.15 |
| | 30 | 23.3 | 4.95 | 24.3 | 5.17 | 24.8 | 5.21 | 25.4 | 5.24 | 25.8 | 5.33 | 26.3 | 5.35 | 27.4 | 5.41 | 27.9 | 5.43 |
| | 33 | 23.2 | 5.39 | 23.7 | 5.43 | 24.2 | 5.47 | 24.8 | 5.50 | 25.1 | 5.60 | 25.6 | 5.63 | 26.7 | 5.69 | 27.2 | 5.72 |
| | 35 | 22.8 | 5.56 | 23.3 | 5.60 | 23.8 | 5.65 | 24.4 | 5.69 | 24.6 | 5.80 | 25.2 | 5.84 | 26.2 | 5.91 | 26.7 | 5.94 |
| | 37 | 22.4 | 5.75 | 22.9 | 5.80 | 23.4 | 5.84 | 23.9 | 5.89 | 24.2 | 6.01 | 24.7 | 6.05 | 25.7 | 6.12 | 26.2 | 6.16 |
| | 40 | 21.8 | 6.04 | 22.3 | 6.09 | 22.8 | 6.14 | 23.2 | 6.18 | 23.5 | 6.32 | 24.0 | 6.37 | 25.0 | 6.45 | 25.5 | 6.49 |
| | 43 | 21.1 | 6.33 | 21.6 | 6.38 | 22.1 | 6.43 | 22.6 | 6.48 | 22.7 | 6.64 | 23.2 | 6.69 | 24.2 | 6.78 | 24.7 | 6.83 |
| | 46 | 20.5 | 6.62 | 20.9 | 6.67 | 21.4 | 6.73 | 21.9 | 6.79 | 22.0 | 6.96 | 22.5 | 7.01 | 23.4 | 7.11 | 23.9 | 7.16 |
| 29.1 (130%) | 10 | 21.6 | 3.68 | 23.5 | 3.97 | 25.4 | 4.27 | 26.5 | 4.40 | 27.3 | 4.42 | 28.0 | 4.41 | 29.3 | 4.39 | 30.0 | 4.38 |
| | 15 | 21.6 | 3.79 | 23.5 | 4.09 | 25.4 | 4.39 | 26.4 | 4.49 | 27.1 | 4.51 | 27.8 | 4.51 | 29.1 | 4.49 | 29.7 | 4.47 |
| | 21 | 21.6 | 3.99 | 23.5 | 4.31 | 25.4 | 4.63 | 26.0 | 4.65 | 26.8 | 4.68 | 27.4 | 4.68 | 28.7 | 4.66 | 29.3 | 4.65 |
| | 23 | 21.6 | 4.08 | 23.5 | 4.41 | 25.3 | 4.71 | 25.9 | 4.72 | 26.6 | 4.76 | 27.2 | 4.75 | 28.5 | 4.75 | 29.0 | 4.77 |
| | 25 | 21.6 | 4.18 | 23.5 | 4.51 | 25.1 | 4.79 | 25.7 | 4.79 | 26.4 | 4.85 | 26.9 | 4.88 | 28.0 | 4.93 | 28.6 | 4.95 |
| | 27 | 21.6 | 4.29 | 23.5 | 4.63 | 24.9 | 4.91 | 25.4 | 4.95 | 26.0 | 5.03 | 26.5 | 5.06 | 27.6 | 5.11 | 28.2 | 5.14 |
| | 30 | 21.6 | 4.48 | 23.5 | 5.01 | 24.3 | 5.17 | 24.8 | 5.21 | 25.4 | 5.31 | 25.9 | 5.33 | 27.0 | 5.39 | 27.5 | 5.41 |
| | 33 | 21.6 | 4.89 | 23.3 | 5.39 | 23.8 | 5.43 | 24.3 | 5.47 | 24.7 | 5.58 | 25.2 | 5.61 | 26.3 | 5.67 | 26.8 | 5.70 |
| | 35 | 21.6 | 5.18 | 22.9 | 5.57 | 23.4 | 5.61 | 23.9 | 5.65 | 24.3 | 5.77 | 24.8 | 5.81 | 25.8 | 5.88 | 26.3 | 5.91 |
| | 37 | 21.6 | 5.53 | 22.5 | 5.76 | 23.0 | 5.80 | 23.5 | 5.85 | 23.8 | 5.98 | 24.3 | 6.02 | 25.3 | 6.10 | 25.8 | 6.13 |
| | 40 | 21.4 | 6.00 | 21.9 | 6.04 | 22.3 | 6.09 | 22.8 | 6.14 | 23.1 | 6.29 | 23.6 | 6.34 | 24.6 | 6.42 | 25.1 | 6.46 |
| | 43 | 20.8 | 6.28 | 21.2 | 6.34 | 21.7 | 6.39 | 22.2 | 6.44 | 22.4 | 6.61 | 22.9 | 6.66 | 23.9 | 6.75 | 24.3 | 6.79 |
| | 46 | 20.1 | 6.57 | 20.6 | 6.63 | 21.0 | 6.69 | 21.5 | 6.74 | 21.7 | 6.93 | 22.2 | 6.98 | 23.1 | 7.08 | 23.6 | 7.13 |
| 26.8 (120%) | 10 | 19.9 | 3.42 | 21.7 | 3.69 | 23.4 | 3.96 | 25.1 | 4.23 | 26.8 | 4.43 | 27.4 | 4.42 | 28.7 | 4.40 | 29.3 | 4.39 |
| | 15 | 19.9 | 3.52 | 21.7 | 3.80 | 23.4 | 4.08 | 25.1 | 4.36 | 26.6 | 4.52 | 27.2 | 4.51 | 28.5 | 4.50 | 29.1 | 4.49 |
| | 21 | 19.9 | 3.71 | 21.7 | 4.00 | 23.4 | 4.30 | 25.1 | 4.60 | 26.2 | 4.69 | 26.8 | 4.68 | 28.1 | 4.67 | 28.7 | 4.66 |
| | 23 | 19.9 | 3.79 | 21.7 | 4.09 | 23.4 | 4.39 | 25.1 | 4.70 | 26.0 | 4.76 | 26.7 | 4.76 | 27.9 | 4.74 | 28.5 | 4.75 |
| | 25 | 19.9 | 3.88 | 21.7 | 4.19 | 23.4 | 4.50 | 25.1 | 4.79 | 25.9 | 4.84 | 26.4 | 4.86 | 27.5 | 4.91 | 28.1 | 4.93 |
| | 27 | 19.9 | 3.98 | 21.7 | 4.30 | 23.4 | 4.62 | 24.8 | 4.91 | 25.5 | 5.01 | 26.0 | 5.04 | 27.1 | 5.09 | 27.6 | 5.11 |
| | 30 | 19.9 | 4.15 | 21.7 | 4.49 | 23.4 | 4.99 | 24.3 | 5.17 | 24.9 | 5.28 | 25.4 | 5.31 | 26.5 | 5.36 | 27.0 | 5.39 |
| | 33 | 19.9 | 4.39 | 21.7 | 4.91 | 23.2 | 5.39 | 23.7 | 5.43 | 24.3 | 5.55 | 24.8 | 5.58 | 25.8 | 5.64 | 26.3 | 5.67 |
| | 35 | 19.9 | 4.65 | 21.7 | 5.21 | 22.9 | 5.57 | 23.4 | 5.61 | 23.9 | 5.74 | 24.4 | 5.78 | 25.4 | 5.85 | 25.9 | 5.89 |
| | 37 | 19.9 | 4.94 | 21.7 | 5.56 | 22.5 | 5.76 | 23.0 | 5.80 | 23.4 | 5.95 | 23.9 | 5.99 | 24.9 | 6.06 | 25.4 | 6.10 |
| | 40 | 19.9 | 5.46 | 21.4 | 6.00 | 21.9 | 6.05 | 22.3 | 6.09 | 22.8 | 6.26 | 23.2 | 6.30 | 24.2 | 6.39 | 24.7 | 6.43 |
| | 43 | 19.9 | 6.03 | 20.8 | 6.29 | 21.2 | 6.34 | 21.7 | 6.39 | 22.1 | 6.58 | 22.5 | 6.62 | 23.5 | 6.71 | 24.0 | 6.76 |
| | 46 | 19.7 | 6.52 | 20.2 | 6.58 | 20.6 | 6.64 | 21.1 | 6.69 | 21.4 | 6.89 | 21.8 | 6.94 | 22.8 | 7.04 | 23.2 | 7.09 |
| 24.6 (110%) | 10 | 18.3 | 3.16 | 19.9 | 3.41 | 21.5 | 3.66 | 23.0 | 3.91 | 24.6 | 4.11 | 26.7 | 4.43 | 28.0 | 4.41 | 28.6 | 4.40 |
| | 15 | 18.3 | 3.25 | 19.9 | 3.51 | 21.5 | 3.76 | 23.0 | 4.02 | 24.6 | 4.23 | 26.5 | 4.52 | 27.8 | 4.51 | 28.4 | 4.50 |
| | 21 | 18.3 | 3.42 | 19.9 | 3.69 | 21.5 | 3.97 | 23.0 | 4.24 | 24.6 | 4.47 | 26.2 | 4.69 | 27.4 | 4.68 | 28.0 | 4.67 |
| | 23 | 18.3 | 3.50 | 19.9 | 3.78 | 21.5 | 4.05 | 23.0 | 4.33 | 24.6 | 4.57 | 26.0 | 4.76 | 27.2 | 4.75 | 27.8 | 4.75 |
| | 25 | 18.3 | 3.58 | 19.9 | 3.87 | 21.5 | 4.15 | 23.0 | 4.44 | 24.6 | 4.69 | 25.9 | 4.84 | 26.9 | 4.88 | 27.5 | 4.90 |
| | 27 | 18.3 | 3.67 | 19.9 | 3.97 | 21.5 | 4.26 | 23.0 | 4.55 | 24.6 | 4.86 | 25.5 | 5.01 | 26.5 | 5.06 | 27.1 | 5.09 |
| | 30 | 18.3 | 3.83 | 19.9 | 4.14 | 21.5 | 4.45 | 23.0 | 4.88 | 24.4 | 5.25 | 24.9 | 5.28 | 25.9 | 5.34 | 26.4 | 5.36 |
| | 33 | 18.3 | 4.02 | 19.9 | 4.37 | 21.5 | 4.84 | 23.0 | 5.34 | 23.8 | 5.52 | 24.3 | 5.55 | 25.3 | 5.61 | 25.8 | 5.64 |
| | 35 | 18.3 | 4.16 | 19.9 | 4.63 | 21.5 | 5.14 | 22.8 | 5.56 | 23.4 | 5.71 | 23.9 | 5.75 | 24.9 | 5.82 | 25.4 | 5.85 |
| | 37 | 18.3 | 4.41 | 19.9 | 4.92 | 21.5 | 5.48 | 22.4 | 5.75 | 23.0 | 5.91 | 23.5 | 5.95 | 24.4 | 6.03 | 24.9 | 6.07 |
| | 40 | 18.3 | 4.84 | 19.9 | 5.43 | 21.3 | 5.99 | 21.8 | 6.04 | 22.3 | 6.22 | 22.8 | 6.27 | 23.7 | 6.35 | 24.2 | 6.39 |
| | 43 | 18.3 | 5.34 | 19.9 | 5.99 | 20.7 | 6.28 | 21.2 | 6.33 | 21.7 | 6.53 | 22.1 | 6.58 | 23.0 | 6.67 | 23.5 | 6.72 |
| | 46 | 18.3 | 5.89 | 19.7 | 6.52 | 20.1 | 6.58 | 20.6 | 6.63 | 21.0 | 6.85 | 21.4 | 6.90 | 22.3 | 7.00 | 22.8 | 7.05 |

MODEL SELECTION

| Cooling capacity at rated condition: 22.4 kW (8HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 22.4 (100%) | 10 | 16.6 | 2.90 | 18.1 | 3.13 | 19.5 | 3.35 | 21.0 | 3.58 | 22.4 | 3.76 | 24.3 | 4.05 | 27.2 | 4.42 | 27.8 | 4.42 |
| | 15 | 16.6 | 2.98 | 18.1 | 3.22 | 19.5 | 3.45 | 21.0 | 3.68 | 22.4 | 3.87 | 24.3 | 4.18 | 27.0 | 4.51 | 27.6 | 4.51 |
| | 21 | 16.6 | 3.14 | 18.1 | 3.39 | 19.5 | 3.63 | 21.0 | 3.88 | 22.4 | 4.09 | 24.3 | 4.41 | 26.6 | 4.69 | 27.2 | 4.68 |
| | 23 | 16.6 | 3.21 | 18.1 | 3.46 | 19.5 | 3.71 | 21.0 | 3.96 | 22.4 | 4.18 | 24.3 | 4.51 | 26.5 | 4.76 | 27.0 | 4.75 |
| | 25 | 16.6 | 3.28 | 18.1 | 3.54 | 19.5 | 3.80 | 21.0 | 4.06 | 22.4 | 4.29 | 24.3 | 4.63 | 26.3 | 4.85 | 26.8 | 4.87 |
| | 27 | 16.6 | 3.37 | 18.1 | 3.63 | 19.5 | 3.90 | 21.0 | 4.17 | 22.4 | 4.41 | 24.3 | 4.77 | 25.9 | 5.03 | 26.4 | 5.06 |
| | 30 | 16.6 | 3.51 | 18.1 | 3.79 | 19.5 | 4.07 | 21.0 | 4.35 | 22.4 | 4.67 | 24.3 | 5.24 | 25.3 | 5.30 | 25.8 | 5.33 |
| | 33 | 16.6 | 3.68 | 18.1 | 3.97 | 19.5 | 4.27 | 21.0 | 4.69 | 22.4 | 5.12 | 23.7 | 5.52 | 24.7 | 5.58 | 25.2 | 5.61 |
| | 35 | 16.6 | 3.80 | 18.1 | 4.11 | 19.5 | 4.52 | 21.0 | 4.97 | 22.4 | 5.45 | 23.4 | 5.70 | 24.3 | 5.78 | 24.8 | 5.81 |
| | 37 | 16.6 | 3.94 | 18.1 | 4.34 | 19.5 | 4.80 | 21.0 | 5.30 | 22.4 | 5.84 | 22.9 | 5.91 | 23.9 | 5.99 | 24.3 | 6.02 |
| | 40 | 16.6 | 4.27 | 18.1 | 4.77 | 19.5 | 5.29 | 21.0 | 5.85 | 21.8 | 6.18 | 22.3 | 6.22 | 23.2 | 6.30 | 23.7 | 6.34 |
| | 43 | 16.6 | 4.70 | 18.1 | 5.26 | 19.5 | 5.84 | 20.6 | 6.27 | 21.2 | 6.49 | 21.7 | 6.53 | 22.6 | 6.62 | 23.0 | 6.67 |
| | 46 | 16.6 | 5.18 | 18.1 | 5.80 | 19.5 | 6.45 | 20.0 | 6.56 | 20.6 | 6.80 | 21.0 | 6.85 | 21.9 | 6.95 | 22.3 | 7.00 |
| 20.2 (90%) | 10 | 15.0 | 2.64 | 16.3 | 2.84 | 17.6 | 3.05 | 18.9 | 3.25 | 20.2 | 3.41 | 21.9 | 3.68 | 25.3 | 4.21 | 26.8 | 4.43 |
| | 15 | 15.0 | 2.71 | 16.3 | 2.92 | 17.6 | 3.13 | 18.9 | 3.34 | 20.2 | 3.52 | 21.9 | 3.79 | 25.3 | 4.33 | 26.6 | 4.52 |
| | 21 | 15.0 | 2.86 | 16.3 | 3.08 | 17.6 | 3.30 | 18.9 | 3.52 | 20.2 | 3.71 | 21.9 | 4.00 | 25.3 | 4.58 | 26.3 | 4.69 |
| | 23 | 15.0 | 2.92 | 16.3 | 3.14 | 17.6 | 3.37 | 18.9 | 3.60 | 20.2 | 3.80 | 21.9 | 4.09 | 25.3 | 4.68 | 26.1 | 4.76 |
| | 25 | 15.0 | 2.98 | 16.3 | 3.22 | 17.6 | 3.45 | 18.9 | 3.68 | 20.2 | 3.89 | 21.9 | 4.19 | 25.3 | 4.80 | 26.0 | 4.84 |
| | 27 | 15.0 | 3.06 | 16.3 | 3.30 | 17.6 | 3.54 | 18.9 | 3.78 | 20.2 | 4.00 | 21.9 | 4.31 | 25.1 | 4.99 | 25.6 | 5.02 |
| | 30 | 15.0 | 3.19 | 16.3 | 3.44 | 17.6 | 3.69 | 18.9 | 3.94 | 20.2 | 4.18 | 21.9 | 4.52 | 24.6 | 5.26 | 25.1 | 5.29 |
| | 33 | 15.0 | 3.34 | 16.3 | 3.61 | 17.6 | 3.87 | 18.9 | 4.13 | 20.2 | 4.44 | 21.9 | 4.96 | 24.0 | 5.53 | 24.5 | 5.56 |
| | 35 | 15.0 | 3.45 | 16.3 | 3.73 | 17.6 | 4.00 | 18.9 | 4.33 | 20.2 | 4.72 | 21.9 | 5.27 | 23.6 | 5.73 | 24.1 | 5.76 |
| | 37 | 15.0 | 3.58 | 16.3 | 3.86 | 17.6 | 4.18 | 18.9 | 4.59 | 20.2 | 5.02 | 21.9 | 5.64 | 23.2 | 5.93 | 23.7 | 5.97 |
| | 40 | 15.0 | 3.79 | 16.3 | 4.15 | 17.6 | 4.59 | 18.9 | 5.05 | 20.2 | 5.56 | 21.7 | 6.16 | 22.6 | 6.25 | 23.1 | 6.29 |
| | 43 | 15.0 | 4.11 | 16.3 | 4.57 | 17.6 | 5.06 | 18.9 | 5.57 | 20.2 | 6.15 | 21.1 | 6.48 | 22.0 | 6.57 | 22.4 | 6.61 |
| | 46 | 15.0 | 4.52 | 16.3 | 5.03 | 17.6 | 5.58 | 18.9 | 6.15 | 20.0 | 6.74 | 20.5 | 6.79 | 21.3 | 6.89 | 21.8 | 6.93 |
| 17.9 (80%) | 10 | 13.3 | 2.38 | 14.5 | 2.56 | 15.6 | 2.74 | 16.8 | 2.92 | 17.9 | 3.07 | 19.4 | 3.30 | 22.5 | 3.77 | 24.0 | 4.01 |
| | 15 | 13.3 | 2.45 | 14.5 | 2.63 | 15.6 | 2.82 | 16.8 | 3.01 | 17.9 | 3.16 | 19.4 | 3.40 | 22.5 | 3.88 | 24.0 | 4.13 |
| | 21 | 13.3 | 2.57 | 14.5 | 2.77 | 15.6 | 2.97 | 16.8 | 3.16 | 17.9 | 3.33 | 19.4 | 3.59 | 22.5 | 4.10 | 24.0 | 4.36 |
| | 23 | 13.3 | 2.63 | 14.5 | 2.83 | 15.6 | 3.03 | 16.8 | 3.23 | 17.9 | 3.41 | 19.4 | 3.67 | 22.5 | 4.20 | 24.0 | 4.46 |
| | 25 | 13.3 | 2.69 | 14.5 | 2.89 | 15.6 | 3.10 | 16.8 | 3.31 | 17.9 | 3.49 | 19.4 | 3.76 | 22.5 | 4.30 | 24.0 | 4.57 |
| | 27 | 13.3 | 2.75 | 14.5 | 2.97 | 15.6 | 3.18 | 16.8 | 3.39 | 17.9 | 3.58 | 19.4 | 3.86 | 22.5 | 4.42 | 24.0 | 4.70 |
| | 30 | 13.3 | 2.87 | 14.5 | 3.09 | 15.6 | 3.32 | 16.8 | 3.54 | 17.9 | 3.75 | 19.4 | 4.04 | 22.5 | 4.69 | 24.0 | 5.15 |
| | 33 | 13.3 | 3.00 | 14.5 | 3.24 | 15.6 | 3.47 | 16.8 | 3.71 | 17.9 | 3.93 | 19.4 | 4.24 | 22.5 | 5.15 | 23.7 | 5.51 |
| | 35 | 13.3 | 3.10 | 14.5 | 3.35 | 15.6 | 3.59 | 16.8 | 3.83 | 17.9 | 4.07 | 19.4 | 4.49 | 22.5 | 5.48 | 23.3 | 5.70 |
| | 37 | 13.3 | 3.21 | 14.5 | 3.47 | 15.6 | 3.72 | 16.8 | 3.97 | 17.9 | 4.29 | 19.4 | 4.77 | 22.5 | 5.87 | 22.9 | 5.91 |
| | 40 | 13.3 | 3.40 | 14.5 | 3.67 | 15.6 | 3.94 | 16.8 | 4.32 | 17.9 | 4.72 | 19.4 | 5.28 | 21.9 | 6.18 | 22.3 | 6.22 |
| | 43 | 13.3 | 3.64 | 14.5 | 3.94 | 15.6 | 4.34 | 16.8 | 4.76 | 17.9 | 5.22 | 19.4 | 5.84 | 21.3 | 6.50 | 21.7 | 6.54 |
| | 46 | 13.3 | 3.91 | 14.5 | 4.33 | 15.6 | 4.77 | 16.8 | 5.24 | 17.9 | 5.77 | 19.4 | 6.46 | 20.7 | 6.81 | 21.1 | 6.86 |
| 15.7 (70%) | 10 | 11.6 | 2.12 | 12.6 | 2.28 | 13.7 | 2.44 | 14.7 | 2.60 | 15.7 | 2.72 | 17.0 | 2.93 | 19.7 | 3.34 | 21.0 | 3.54 |
| | 15 | 11.6 | 2.18 | 12.6 | 2.34 | 13.7 | 2.50 | 14.7 | 2.67 | 15.7 | 2.80 | 17.0 | 3.01 | 19.7 | 3.44 | 21.0 | 3.65 |
| | 21 | 11.6 | 2.29 | 12.6 | 2.46 | 13.7 | 2.63 | 14.7 | 2.81 | 15.7 | 2.95 | 17.0 | 3.18 | 19.7 | 3.63 | 21.0 | 3.85 |
| | 23 | 11.6 | 2.33 | 12.6 | 2.51 | 13.7 | 2.69 | 14.7 | 2.87 | 15.7 | 3.02 | 17.0 | 3.25 | 19.7 | 3.71 | 21.0 | 3.94 |
| | 25 | 11.6 | 2.39 | 12.6 | 2.57 | 13.7 | 2.75 | 14.7 | 2.93 | 15.7 | 3.09 | 17.0 | 3.33 | 19.7 | 3.80 | 21.0 | 4.04 |
| | 27 | 11.6 | 2.45 | 12.6 | 2.63 | 13.7 | 2.82 | 14.7 | 3.01 | 15.7 | 3.17 | 17.0 | 3.42 | 19.7 | 3.91 | 21.0 | 4.15 |
| | 30 | 11.6 | 2.55 | 12.6 | 2.74 | 13.7 | 2.94 | 14.7 | 3.13 | 15.7 | 3.31 | 17.0 | 3.57 | 19.7 | 4.08 | 21.0 | 4.34 |
| | 33 | 11.6 | 2.67 | 12.6 | 2.87 | 13.7 | 3.08 | 14.7 | 3.28 | 15.7 | 3.48 | 17.0 | 3.75 | 19.7 | 4.29 | 21.0 | 4.69 |
| | 35 | 11.6 | 2.75 | 12.6 | 2.97 | 13.7 | 3.18 | 14.7 | 3.39 | 15.7 | 3.60 | 17.0 | 3.88 | 19.7 | 4.56 | 21.0 | 4.98 |
| | 37 | 11.6 | 2.85 | 12.6 | 3.07 | 13.7 | 3.29 | 14.7 | 3.51 | 15.7 | 3.73 | 17.0 | 4.02 | 19.7 | 4.85 | 21.0 | 5.32 |
| | 40 | 11.6 | 3.01 | 12.6 | 3.25 | 13.7 | 3.49 | 14.7 | 3.72 | 15.7 | 3.97 | 17.0 | 4.41 | 19.7 | 5.36 | 21.0 | 5.89 |
| | 43 | 11.6 | 3.22 | 12.6 | 3.47 | 13.7 | 3.73 | 14.7 | 4.01 | 15.7 | 4.38 | 17.0 | 4.87 | 19.7 | 5.93 | 20.9 | 6.45 |
| | 46 | 11.6 | 3.46 | 12.6 | 3.73 | 13.7 | 4.04 | 14.7 | 4.41 | 15.7 | 4.83 | 17.0 | 5.37 | 19.7 | 6.57 | 20.3 | 6.77 |
| 13.4 (60%) | 10 | 10.0 | 1.86 | 10.8 | 2.00 | 11.7 | 2.13 | 12.6 | 2.27 | 13.4 | 2.38 | 14.6 | 2.55 | 16.9 | 2.90 | 18.0 | 3.08 |
| | 15 | 10.0 | 1.91 | 10.8 | 2.05 | 11.7 | 2.19 | 12.6 | 2.33 | 13.4 | 2.44 | 14.6 | 2.63 | 16.9 | 2.99 | 18.0 | 3.17 |
| | 21 | 10.0 | 2.00 | 10.8 | 2.15 | 11.7 | 2.30 | 12.6 | 2.45 | 13.4 | 2.57 | 14.6 | 2.77 | 16.9 | 3.15 | 18.0 | 3.34 |
| | 23 | 10.0 | 2.04 | 10.8 | 2.20 | 11.7 | 2.35 | 12.6 | 2.50 | 13.4 | 2.63 | 14.6 | 2.83 | 16.9 | 3.22 | 18.0 | 3.42 |
| | 25 | 10.0 | 2.09 | 10.8 | 2.25 | 11.7 | 2.40 | 12.6 | 2.56 | 13.4 | 2.69 | 14.6 | 2.90 | 16.9 | 3.30 | 18.0 | 3.50 |
| | 27 | 10.0 | 2.14 | 10.8 | 2.30 | 11.7 | 2.46 | 12.6 | 2.62 | 13.4 | 2.76 | 14.6 | 2.97 | 16.9 | 3.39 | 18.0 | 3.60 |
| | 30 | 10.0 | 2.23 | 10.8 | 2.39 | 11.7 | 2.56 | 12.6 | 2.73 | 13.4 | 2.88 | 14.6 | 3.10 | 16.9 | 3.54 | 18.0 | 3.76 |
| | 33 | 10.0 | 2.33 | 10.8 | 2.50 | 11.7 | 2.68 | 12.6 | 2.86 | 13.4 | 3.02 | 14.6 | 3.25 | 16.9 | 3.71 | 18.0 | 3.95 |
| | 35 | 10.0 | 2.40 | 10.8 | 2.59 | 11.7 | 2.77 | 12.6 | 2.95 | 13.4 | 3.13 | 14.6 | 3.37 | 16.9 | 3.85 | 18.0 | 4.08 |
| | 37 | 10.0 | 2.48 | 10.8 | 2.67 | 11.7 | 2.86 | 12.6 | 3.05 | 13.4 | 3.24 | 14.6 | 3.49 | 16.9 | 3.99 | 18.0 | 4.31 |
| | 40 | 10.0 | 2.63 | 10.8 | 2.83 | 11.7 | 3.03 | 12.6 | 3.23 | 13.4 | 3.44 | 14.6 | 3.70 | 16.9 | 4.36 | 18.0 | 4.75 |
| | 43 | 10.0 | 2.80 | 10.8 | 3.02 | 11.7 | 3.24 | 12.6 | 3.46 | 13.4 | 3.68 | 14.6 | 3.99 | 16.9 | 4.81 | 18.0 | 5.25 |
| | 46 | 10.0 | 3.01 | 10.8 | 3.24 | 11.7 | 3.48 | 12.6 | 3.71 | 13.4 | 3.97 | 14.6 | 4.40 | 16.9 | 5.31 | 18.0 | 5.80 |
| 11.2 (50%) | 10 | 8.3 | 1.60 | 9.0 | 1.71 | 9.8 | 1.83 | 10.5 | 1.94 | 11.2 | 2.03 | 12.1 | 2.18 | 14.0 | 2.47 | 15.0 | 2.62 |
| | 15 | 8.3 | 1.64 | 9.0 | 1.76 | 9.8 | 1.87 | 10.5 | 1.99 | 11.2 | 2.09 | 12.1 | 2.24 | 14.0 | 2.54 | 15.0 | 2.69 |
| | 21 | 8.3 | 1.72 | 9.0 | 1.84 | 9.8 | 1.97 | 10.5 | 2.09 | 11.2 | 2.19 | 12.1 | 2.36 | 14.0 | 2.68 | 15.0 | 2.84 |
| | 23 | 8.3 | 1.75 | 9.0 | 1.88 | 9.8 | 2.01 | 10.5 | 2.13 | 11.2 | 2.24 | 12.1 | 2.41 | 14.0 | 2.74 | 15.0 | 2.90 |
| | 25 | 8.3 | 1.79 | 9.0 | 1.92 | 9.8 | 2.05 | 10.5 | 2.18 | 11.2 | 2.29 | 12.1 | 2.46 | 14.0 | 2.80 | 15.0 | 2.97 |
| | 27 | 8.3 | 1.83 | 9.0 | 1.97 | 9.8 | 2.10 | 10.5 | 2.23 | 11.2 | 2.35 | 12.1 | 2.53 | 14.0 | 2.88 | 15.0 | 3.05 |
| | 30 | 8.3 | 1.91 | 9.0 | 2.05 | 9.8 | 2.19 | 10.5 | 2.32 | 11.2 | 2.45 | 12.1 | 2.64 | 14.0 | 3.00 | 15.0 | 3.18 |
| | 33 | 8.3 | 1.99 | 9.0 | 2.14 | 9.8 | 2.28 | 10.5 | 2.43 | 11.2 | 2.57 | 12.1 | 2.76 | 14.0 | 3.15 | 15.0 | 3.34 |
| | 35 | 8.3 | 2.05 | 9.0 | 2.20 | 9.8 | 2.36 | 10.5 | 2.51 | 11.2 | 2.66 | 12.1 | 2.86 | 14.0 | 3.25 | 15.0 | 3.45 |
| | 37 | 8.3 | 2.12 | 9.0 | 2.28 | 9.8 | 2.44 | 10.5 | 2.60 | 11.2 | 2.75 | 12.1 | 2.96 | 14.0 | 3.37 | 15.0 | 3.58 |
| | 40 | 8.3 | 2.24 | 9.0 | 2.41 | 9.8 | 2.58 | 10.5 | 2.74 | 11.2 | 2.91 | 12.1 | 3.14 | 14.0 | 3.58 | 15.0 | 3.80 |
| | 43 | 8.3 | 2.39 | 9.0 | 2.57 | 9.8 | 2.75 | 10.5 | 2.93 | 11.2 | 3.12 | 12.1 | 3.36 | 14.0 | 3.83 | 15.0 | 4.14 |
| | 46 | 8.3 | 2.56 | 9.0 | 2.75 | 9.8 | 2.95 | 10.5 | 3.14 | 11.2 | 3.35 | 12.1 | 3.61 | 14.0 | 4.20 | 15.0 | 4.56 |

# ■ Model: AJ∗090GALDH

| Cooling capacity at rated condition: 28.0 kW (10HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 42.0 (150%) | 10 | 31.2 | 5.46 | 33.1 | 5.72 | 33.9 | 5.72 | 34.7 | 5.72 | 35.4 | 5.73 | 36.3 | 5.72 | 38.0 | 5.68 | 38.9 | 5.66 |
| | 15 | 31.2 | 5.62 | 32.9 | 5.84 | 33.7 | 5.84 | 34.5 | 5.84 | 35.2 | 5.85 | 36.0 | 5.84 | 37.7 | 5.81 | 38.6 | 5.79 |
| | 21 | 31.2 | 5.93 | 32.4 | 6.05 | 33.2 | 6.05 | 34.0 | 6.06 | 34.6 | 6.09 | 35.5 | 6.07 | 37.1 | 6.04 | 38.0 | 6.03 |
| | 23 | 31.2 | 6.07 | 32.2 | 6.14 | 33.0 | 6.15 | 33.8 | 6.15 | 34.4 | 6.18 | 35.2 | 6.17 | 36.7 | 6.22 | 37.5 | 6.24 |
| | 25 | 31.2 | 6.22 | 32.0 | 6.24 | 32.8 | 6.25 | 33.5 | 6.29 | 34.0 | 6.37 | 34.7 | 6.40 | 36.2 | 6.46 | 36.9 | 6.49 |
| | 27 | 30.9 | 6.39 | 31.6 | 6.43 | 32.3 | 6.48 | 33.0 | 6.52 | 33.5 | 6.61 | 34.2 | 6.64 | 35.6 | 6.70 | 36.3 | 6.73 |
| | 30 | 30.2 | 6.73 | 30.9 | 6.78 | 31.6 | 6.82 | 32.3 | 6.87 | 32.6 | 6.97 | 33.3 | 7.00 | 34.7 | 7.07 | 35.4 | 7.10 |
| | 33 | 29.5 | 7.07 | 30.2 | 7.12 | 30.8 | 7.17 | 31.5 | 7.22 | 31.8 | 7.33 | 32.5 | 7.37 | 33.8 | 7.45 | 34.5 | 7.49 |
| | 35 | 29.0 | 7.30 | 29.7 | 7.36 | 30.3 | 7.42 | 31.0 | 7.47 | 31.2 | 7.60 | 31.9 | 7.65 | 33.2 | 7.74 | 33.8 | 7.79 |
| | 37 | 28.5 | 7.55 | 29.1 | 7.61 | 29.8 | 7.68 | 30.4 | 7.73 | 30.6 | 7.88 | 31.3 | 7.93 | 32.5 | 8.03 | 33.2 | 8.08 |
| | 40 | 27.7 | 7.94 | 28.3 | 8.00 | 28.9 | 8.07 | 29.5 | 8.13 | 29.7 | 8.30 | 30.3 | 8.36 | 31.6 | 8.47 | 32.2 | 8.52 |
| | 43 | 26.8 | 8.32 | 27.4 | 8.39 | 28.0 | 8.46 | 28.7 | 8.53 | 28.8 | 8.73 | 29.4 | 8.79 | 30.6 | 8.91 | 31.2 | 8.97 |
| | 46 | 26.0 | 8.71 | 26.6 | 8.79 | 27.2 | 8.86 | 27.8 | 8.93 | 27.8 | 9.15 | 28.4 | 9.22 | 29.6 | 9.35 | 30.2 | 9.42 |
| 39.2 (140%) | 10 | 29.1 | 5.11 | 31.6 | 5.53 | 33.2 | 5.72 | 34.0 | 5.72 | 34.8 | 5.74 | 35.7 | 5.73 | 37.3 | 5.70 | 38.2 | 5.68 |
| | 15 | 29.1 | 5.27 | 31.6 | 5.70 | 33.0 | 5.84 | 33.8 | 5.84 | 34.6 | 5.86 | 35.4 | 5.85 | 37.1 | 5.82 | 37.9 | 5.80 |
| | 21 | 29.1 | 5.56 | 31.6 | 6.01 | 32.5 | 6.05 | 33.3 | 6.06 | 34.1 | 6.09 | 34.9 | 6.08 | 36.5 | 6.06 | 37.4 | 6.04 |
| | 23 | 29.1 | 5.68 | 31.6 | 6.14 | 32.3 | 6.14 | 33.1 | 6.15 | 33.9 | 6.19 | 34.7 | 6.18 | 36.2 | 6.20 | 36.9 | 6.22 |
| | 25 | 29.1 | 5.82 | 31.4 | 6.24 | 32.1 | 6.24 | 32.9 | 6.26 | 33.5 | 6.34 | 34.2 | 6.38 | 35.6 | 6.44 | 36.4 | 6.47 |
| | 27 | 29.1 | 5.98 | 31.0 | 6.40 | 31.7 | 6.44 | 32.4 | 6.49 | 33.0 | 6.58 | 33.7 | 6.62 | 35.1 | 6.68 | 35.8 | 6.71 |
| | 30 | 29.1 | 6.44 | 30.4 | 6.74 | 31.0 | 6.78 | 31.7 | 6.83 | 32.2 | 6.94 | 32.9 | 6.98 | 34.2 | 7.05 | 34.9 | 7.08 |
| | 33 | 29.0 | 7.02 | 29.7 | 7.08 | 30.3 | 7.13 | 31.0 | 7.18 | 31.4 | 7.31 | 32.0 | 7.34 | 33.4 | 7.43 | 34.0 | 7.47 |
| | 35 | 28.5 | 7.26 | 29.2 | 7.31 | 29.8 | 7.37 | 30.4 | 7.43 | 30.8 | 7.57 | 31.5 | 7.62 | 32.7 | 7.71 | 33.4 | 7.76 |
| | 37 | 28.0 | 7.51 | 28.6 | 7.57 | 29.3 | 7.63 | 29.9 | 7.69 | 30.2 | 7.85 | 30.9 | 7.90 | 32.1 | 8.00 | 32.8 | 8.05 |
| | 40 | 27.2 | 7.89 | 27.8 | 7.95 | 28.4 | 8.02 | 29.1 | 8.08 | 29.3 | 8.27 | 29.9 | 8.32 | 31.2 | 8.43 | 31.8 | 8.49 |
| | 43 | 26.4 | 8.27 | 27.0 | 8.34 | 27.6 | 8.41 | 28.2 | 8.48 | 28.4 | 8.69 | 29.0 | 8.75 | 30.2 | 8.87 | 30.9 | 8.93 |
| | 46 | 25.6 | 8.66 | 26.2 | 8.73 | 26.7 | 8.81 | 27.3 | 8.88 | 27.5 | 9.12 | 28.1 | 9.18 | 29.3 | 9.32 | 29.9 | 9.38 |
| 36.4 (130%) | 10 | 27.0 | 4.77 | 29.4 | 5.16 | 31.7 | 5.55 | 33.2 | 5.72 | 34.2 | 5.75 | 35.0 | 5.74 | 36.6 | 5.71 | 37.5 | 5.69 |
| | 15 | 27.0 | 4.91 | 29.4 | 5.31 | 31.7 | 5.71 | 33.0 | 5.84 | 33.9 | 5.87 | 34.7 | 5.86 | 36.4 | 5.84 | 37.2 | 5.82 |
| | 21 | 27.0 | 5.18 | 29.4 | 5.60 | 31.7 | 6.03 | 32.5 | 6.05 | 33.4 | 6.10 | 34.2 | 6.09 | 35.8 | 6.07 | 36.7 | 6.05 |
| | 23 | 27.0 | 5.30 | 29.4 | 5.73 | 31.6 | 6.14 | 32.4 | 6.14 | 33.2 | 6.19 | 34.0 | 6.19 | 35.6 | 6.17 | 36.3 | 6.20 |
| | 25 | 27.0 | 5.43 | 29.4 | 5.87 | 31.4 | 6.24 | 32.2 | 6.24 | 33.0 | 6.32 | 33.7 | 6.35 | 35.1 | 6.42 | 35.8 | 6.45 |
| | 27 | 27.0 | 5.57 | 29.4 | 6.03 | 31.1 | 6.40 | 31.8 | 6.44 | 32.5 | 6.56 | 33.2 | 6.59 | 34.5 | 6.66 | 35.2 | 6.69 |
| | 30 | 27.0 | 5.82 | 29.4 | 6.53 | 30.4 | 6.74 | 31.1 | 6.79 | 31.7 | 6.92 | 32.4 | 6.95 | 33.7 | 7.02 | 34.4 | 7.06 |
| | 33 | 27.0 | 6.36 | 29.1 | 7.03 | 29.7 | 7.08 | 30.4 | 7.13 | 30.9 | 7.28 | 31.6 | 7.32 | 32.9 | 7.39 | 33.5 | 7.44 |
| | 35 | 27.0 | 6.76 | 28.6 | 7.26 | 29.2 | 7.32 | 29.9 | 7.38 | 30.4 | 7.54 | 31.0 | 7.59 | 32.3 | 7.68 | 32.9 | 7.72 |
| | 37 | 27.0 | 7.22 | 28.1 | 7.52 | 28.7 | 7.58 | 29.3 | 7.64 | 29.8 | 7.81 | 30.4 | 7.87 | 31.7 | 7.96 | 32.3 | 8.01 |
| | 40 | 26.7 | 7.83 | 27.3 | 7.90 | 27.9 | 7.96 | 28.5 | 8.03 | 28.9 | 8.23 | 29.5 | 8.29 | 30.7 | 8.40 | 31.4 | 8.45 |
| | 43 | 25.9 | 8.22 | 26.5 | 8.29 | 27.1 | 8.35 | 27.7 | 8.42 | 28.0 | 8.65 | 28.6 | 8.71 | 29.8 | 8.83 | 30.4 | 8.89 |
| | 46 | 25.1 | 8.60 | 25.7 | 8.68 | 26.3 | 8.75 | 26.9 | 8.82 | 27.1 | 9.07 | 27.7 | 9.14 | 28.9 | 9.27 | 29.5 | 9.34 |
| 33.6 (120%) | 10 | 24.9 | 4.43 | 27.1 | 4.79 | 29.3 | 5.14 | 31.4 | 5.50 | 33.5 | 5.76 | 34.2 | 5.75 | 35.8 | 5.72 | 36.6 | 5.71 |
| | 15 | 24.9 | 4.56 | 27.1 | 4.93 | 29.3 | 5.30 | 31.4 | 5.67 | 33.2 | 5.88 | 34.0 | 5.87 | 35.6 | 5.85 | 36.4 | 5.83 |
| | 21 | 24.9 | 4.81 | 27.1 | 5.20 | 29.3 | 5.59 | 31.4 | 5.98 | 32.7 | 6.10 | 33.5 | 6.10 | 35.1 | 6.08 | 35.9 | 6.07 |
| | 23 | 24.9 | 4.91 | 27.1 | 5.31 | 29.3 | 5.71 | 31.4 | 6.12 | 32.6 | 6.20 | 33.3 | 6.19 | 34.9 | 6.18 | 35.6 | 6.17 |
| | 25 | 24.9 | 5.03 | 27.1 | 5.44 | 29.3 | 5.86 | 31.3 | 6.24 | 32.3 | 6.30 | 33.1 | 6.32 | 34.4 | 6.39 | 35.1 | 6.42 |
| | 27 | 24.9 | 5.17 | 27.1 | 5.59 | 29.3 | 6.01 | 31.0 | 6.39 | 31.9 | 6.53 | 32.6 | 6.56 | 33.9 | 6.63 | 34.6 | 6.66 |
| | 30 | 24.9 | 5.40 | 27.1 | 5.84 | 29.3 | 6.50 | 30.4 | 6.74 | 31.1 | 6.88 | 31.8 | 6.92 | 33.1 | 6.99 | 33.8 | 7.03 |
| | 33 | 24.9 | 5.71 | 27.1 | 6.39 | 29.1 | 7.03 | 29.7 | 7.08 | 30.4 | 7.24 | 31.0 | 7.28 | 32.3 | 7.36 | 32.9 | 7.40 |
| | 35 | 24.9 | 6.06 | 27.1 | 6.79 | 28.6 | 7.26 | 29.2 | 7.32 | 29.8 | 7.50 | 30.5 | 7.55 | 31.7 | 7.64 | 32.3 | 7.68 |
| | 37 | 24.9 | 6.44 | 27.1 | 7.26 | 28.1 | 7.52 | 28.7 | 7.58 | 29.3 | 7.77 | 29.9 | 7.82 | 31.1 | 7.92 | 31.7 | 7.97 |
| | 40 | 24.9 | 7.12 | 26.7 | 7.84 | 27.3 | 7.90 | 27.9 | 7.96 | 28.4 | 8.19 | 29.0 | 8.24 | 30.2 | 8.35 | 30.8 | 8.40 |
| | 43 | 24.9 | 7.88 | 26.0 | 8.22 | 26.6 | 8.29 | 27.1 | 8.36 | 27.6 | 8.60 | 28.2 | 8.66 | 29.3 | 8.78 | 29.9 | 8.84 |
| | 46 | 24.6 | 8.54 | 25.2 | 8.61 | 25.8 | 8.68 | 26.3 | 8.75 | 26.7 | 9.02 | 27.3 | 9.09 | 28.4 | 9.22 | 29.0 | 9.29 |
| 30.8 (110%) | 10 | 22.9 | 4.08 | 24.8 | 4.41 | 26.8 | 4.74 | 28.8 | 5.07 | 30.8 | 5.33 | 33.4 | 5.76 | 34.9 | 5.74 | 35.7 | 5.73 |
| | 15 | 22.9 | 4.20 | 24.8 | 4.54 | 26.8 | 4.88 | 28.8 | 5.22 | 30.8 | 5.50 | 33.2 | 5.88 | 34.7 | 5.86 | 35.5 | 5.85 |
| | 21 | 22.9 | 4.43 | 24.8 | 4.79 | 26.8 | 5.15 | 28.8 | 5.51 | 30.8 | 5.81 | 32.7 | 6.10 | 34.2 | 6.09 | 35.0 | 6.08 |
| | 23 | 22.9 | 4.53 | 24.8 | 4.90 | 26.8 | 5.26 | 28.8 | 5.63 | 30.8 | 5.95 | 32.5 | 6.20 | 34.0 | 6.19 | 34.8 | 6.18 |
| | 25 | 22.9 | 4.64 | 24.8 | 5.02 | 26.8 | 5.39 | 28.8 | 5.77 | 30.8 | 6.10 | 32.3 | 6.30 | 33.7 | 6.35 | 34.4 | 6.38 |
| | 27 | 22.9 | 4.76 | 24.8 | 5.15 | 26.8 | 5.54 | 28.8 | 5.93 | 30.8 | 6.33 | 31.9 | 6.52 | 33.2 | 6.59 | 33.8 | 6.63 |
| | 30 | 22.9 | 4.97 | 24.8 | 5.38 | 26.8 | 5.78 | 28.8 | 6.36 | 30.5 | 6.84 | 31.1 | 6.88 | 32.4 | 6.96 | 33.1 | 6.99 |
| | 33 | 22.9 | 5.21 | 24.8 | 5.68 | 26.8 | 6.30 | 28.8 | 6.97 | 29.8 | 7.20 | 30.4 | 7.24 | 31.6 | 7.32 | 32.3 | 7.36 |
| | 35 | 22.9 | 5.40 | 24.8 | 6.03 | 26.8 | 6.70 | 28.5 | 7.25 | 29.3 | 7.45 | 29.9 | 7.50 | 31.1 | 7.59 | 31.7 | 7.64 |
| | 37 | 22.9 | 5.73 | 24.8 | 6.41 | 26.8 | 7.15 | 28.0 | 7.51 | 28.7 | 7.72 | 29.3 | 7.78 | 30.5 | 7.88 | 31.1 | 7.92 |
| | 40 | 22.9 | 6.31 | 24.8 | 7.08 | 26.7 | 7.83 | 27.2 | 7.89 | 27.9 | 8.13 | 28.5 | 8.19 | 29.7 | 8.30 | 30.3 | 8.35 |
| | 43 | 22.9 | 6.97 | 24.8 | 7.84 | 25.9 | 8.22 | 26.5 | 8.28 | 27.1 | 8.55 | 27.7 | 8.61 | 28.8 | 8.73 | 29.4 | 8.79 |
| | 46 | 22.9 | 7.71 | 24.6 | 8.53 | 25.2 | 8.61 | 25.7 | 8.68 | 26.2 | 8.97 | 26.8 | 9.03 | 27.9 | 9.16 | 28.5 | 9.23 |
| 28.0 (100%) | 10 | 20.8 | 3.74 | 22.6 | 4.04 | 24.4 | 4.34 | 26.2 | 4.64 | 28.0 | 4.87 | 30.4 | 5.26 | 33.9 | 5.75 | 34.7 | 5.74 |
| | 15 | 20.8 | 3.85 | 22.6 | 4.15 | 24.4 | 4.46 | 26.2 | 4.77 | 28.0 | 5.02 | 30.4 | 5.42 | 33.7 | 5.87 | 34.5 | 5.86 |
| | 21 | 20.8 | 4.05 | 22.6 | 4.38 | 24.4 | 4.71 | 26.2 | 5.03 | 28.0 | 5.31 | 30.4 | 5.74 | 33.3 | 6.10 | 34.0 | 6.09 |
| | 23 | 20.8 | 4.14 | 22.6 | 4.48 | 24.4 | 4.81 | 26.2 | 5.15 | 28.0 | 5.44 | 30.4 | 5.87 | 33.1 | 6.20 | 33.8 | 6.19 |
| | 25 | 20.8 | 4.24 | 22.6 | 4.59 | 24.4 | 4.93 | 26.2 | 5.27 | 28.0 | 5.57 | 30.4 | 6.02 | 32.8 | 6.31 | 33.5 | 6.34 |
| | 27 | 20.8 | 4.36 | 22.6 | 4.71 | 24.4 | 5.06 | 26.2 | 5.41 | 28.0 | 5.73 | 30.4 | 6.20 | 32.4 | 6.55 | 33.0 | 6.58 |
| | 30 | 20.8 | 4.55 | 22.6 | 4.92 | 24.4 | 5.29 | 26.2 | 5.65 | 28.0 | 6.07 | 30.4 | 6.83 | 31.6 | 6.91 | 32.3 | 6.95 |
| | 33 | 20.8 | 4.77 | 22.6 | 5.16 | 24.4 | 5.55 | 26.2 | 6.10 | 28.0 | 6.68 | 29.7 | 7.20 | 30.9 | 7.28 | 31.5 | 7.31 |
| | 35 | 20.8 | 4.93 | 22.6 | 5.34 | 24.4 | 5.88 | 26.2 | 6.48 | 28.0 | 7.11 | 29.2 | 7.45 | 30.4 | 7.54 | 31.0 | 7.59 |
| | 37 | 20.8 | 5.11 | 22.6 | 5.64 | 24.4 | 6.24 | 26.2 | 6.91 | 28.0 | 7.63 | 28.7 | 7.72 | 29.8 | 7.82 | 30.4 | 7.87 |
| | 40 | 20.8 | 5.55 | 22.6 | 6.21 | 24.4 | 6.90 | 26.2 | 7.64 | 27.3 | 8.07 | 27.9 | 8.13 | 29.0 | 8.24 | 29.6 | 8.29 |
| | 43 | 20.8 | 6.13 | 22.6 | 6.86 | 24.4 | 7.63 | 25.8 | 8.20 | 26.5 | 8.48 | 27.1 | 8.55 | 28.2 | 8.67 | 28.7 | 8.72 |
| | 46 | 20.8 | 6.76 | 22.6 | 7.58 | 24.4 | 8.45 | 25.0 | 8.59 | 25.7 | 8.90 | 26.2 | 8.97 | 27.3 | 9.10 | 27.9 | 9.16 |

MODEL SELECTION

| Cooling capacity at rated condition: 28.0 kW (10HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 25.2 (90%) | 10 | 18.7 | 3.39 | 20.3 | 3.66 | 21.9 | 3.93 | 23.6 | 4.20 | 25.2 | 4.42 | 27.3 | 4.77 | 31.6 | 5.46 | 33.5 | 5.76 |
| | 15 | 18.7 | 3.49 | 20.3 | 3.77 | 21.9 | 4.05 | 23.6 | 4.32 | 25.2 | 4.55 | 27.3 | 4.91 | 31.6 | 5.63 | 33.3 | 5.88 |
| | 21 | 18.7 | 3.68 | 20.3 | 3.97 | 21.9 | 4.27 | 23.6 | 4.56 | 25.2 | 4.81 | 27.3 | 5.19 | 31.6 | 5.96 | 32.9 | 6.10 |
| | 23 | 18.7 | 3.76 | 20.3 | 4.06 | 21.9 | 4.36 | 23.6 | 4.66 | 25.2 | 4.92 | 27.3 | 5.31 | 31.6 | 6.10 | 32.7 | 6.20 |
| | 25 | 18.7 | 3.85 | 20.3 | 4.16 | 21.9 | 4.47 | 23.6 | 4.78 | 25.2 | 5.05 | 27.3 | 5.45 | 31.6 | 6.25 | 32.5 | 6.30 |
| | 27 | 18.7 | 3.95 | 20.3 | 4.27 | 21.9 | 4.59 | 23.6 | 4.90 | 25.2 | 5.19 | 27.3 | 5.60 | 31.4 | 6.50 | 32.0 | 6.53 |
| | 30 | 18.7 | 4.12 | 20.3 | 4.45 | 21.9 | 4.79 | 23.6 | 5.12 | 25.2 | 5.42 | 27.3 | 5.87 | 30.7 | 6.86 | 31.4 | 6.90 |
| | 33 | 18.7 | 4.32 | 20.3 | 4.67 | 21.9 | 5.02 | 23.6 | 5.37 | 25.2 | 5.77 | 27.3 | 6.46 | 30.0 | 7.22 | 30.6 | 7.26 |
| | 35 | 18.7 | 4.47 | 20.3 | 4.83 | 21.9 | 5.20 | 23.6 | 5.62 | 25.2 | 6.14 | 27.3 | 6.87 | 29.6 | 7.48 | 30.1 | 7.52 |
| | 37 | 18.7 | 4.63 | 20.3 | 5.01 | 21.9 | 5.44 | 23.6 | 5.97 | 25.2 | 6.54 | 27.3 | 7.36 | 29.0 | 7.75 | 29.6 | 7.80 |
| | 40 | 18.7 | 4.91 | 20.3 | 5.40 | 21.9 | 5.97 | 23.6 | 6.59 | 25.2 | 7.25 | 27.1 | 8.06 | 28.3 | 8.17 | 28.8 | 8.22 |
| | 43 | 18.7 | 5.34 | 20.3 | 5.95 | 21.9 | 6.60 | 23.6 | 7.28 | 25.2 | 8.04 | 26.4 | 8.47 | 27.5 | 8.59 | 28.0 | 8.65 |
| | 46 | 18.7 | 5.89 | 20.3 | 6.57 | 21.9 | 7.29 | 23.6 | 8.05 | 25.0 | 8.82 | 25.6 | 8.89 | 26.6 | 9.02 | 27.2 | 9.08 |
| 22.4 (80%) | 10 | 16.6 | 3.05 | 18.1 | 3.29 | 19.5 | 3.53 | 21.0 | 3.77 | 22.4 | 3.96 | 24.3 | 4.27 | 28.1 | 4.89 | 30.0 | 5.20 |
| | 15 | 16.6 | 3.14 | 18.1 | 3.38 | 19.5 | 3.63 | 21.0 | 3.88 | 22.4 | 4.08 | 24.3 | 4.40 | 28.1 | 5.04 | 30.0 | 5.36 |
| | 21 | 16.6 | 3.30 | 18.1 | 3.56 | 19.5 | 3.83 | 21.0 | 4.09 | 22.4 | 4.31 | 24.3 | 4.65 | 28.1 | 5.33 | 30.0 | 5.67 |
| | 23 | 16.6 | 3.37 | 18.1 | 3.64 | 19.5 | 3.91 | 21.0 | 4.18 | 22.4 | 4.41 | 24.3 | 4.76 | 28.1 | 5.45 | 30.0 | 5.80 |
| | 25 | 16.6 | 3.46 | 18.1 | 3.73 | 19.5 | 4.00 | 21.0 | 4.28 | 22.4 | 4.52 | 24.3 | 4.88 | 28.1 | 5.59 | 30.0 | 5.95 |
| | 27 | 16.6 | 3.54 | 18.1 | 3.83 | 19.5 | 4.11 | 21.0 | 4.39 | 22.4 | 4.64 | 24.3 | 5.01 | 28.1 | 5.75 | 30.0 | 6.12 |
| | 30 | 16.6 | 3.70 | 18.1 | 3.99 | 19.5 | 4.29 | 21.0 | 4.58 | 22.4 | 4.86 | 24.3 | 5.24 | 28.1 | 6.10 | 30.0 | 6.70 |
| | 33 | 16.6 | 3.87 | 18.1 | 4.18 | 19.5 | 4.50 | 21.0 | 4.81 | 22.4 | 5.10 | 24.3 | 5.51 | 28.1 | 6.71 | 29.6 | 7.19 |
| | 35 | 16.6 | 4.01 | 18.1 | 4.33 | 19.5 | 4.65 | 21.0 | 4.97 | 22.4 | 5.28 | 24.3 | 5.84 | 28.1 | 7.15 | 29.2 | 7.44 |
| | 37 | 16.6 | 4.15 | 18.1 | 4.49 | 19.5 | 4.82 | 21.0 | 5.16 | 22.4 | 5.58 | 24.3 | 6.21 | 28.1 | 7.66 | 28.7 | 7.72 |
| | 40 | 16.6 | 4.40 | 18.1 | 4.76 | 19.5 | 5.12 | 21.0 | 5.62 | 22.4 | 6.15 | 24.3 | 6.89 | 27.4 | 8.08 | 27.9 | 8.13 |
| | 43 | 16.6 | 4.71 | 18.1 | 5.12 | 19.5 | 5.64 | 21.0 | 6.20 | 22.4 | 6.81 | 24.3 | 7.63 | 26.6 | 8.50 | 27.1 | 8.55 |
| | 46 | 16.6 | 5.07 | 18.1 | 5.63 | 19.5 | 6.22 | 21.0 | 6.84 | 22.4 | 7.54 | 24.3 | 8.46 | 25.8 | 8.92 | 26.4 | 8.98 |
| 19.6 (70%) | 10 | 14.5 | 2.71 | 15.8 | 2.92 | 17.1 | 3.13 | 18.3 | 3.33 | 19.6 | 3.50 | 21.3 | 3.77 | 24.6 | 4.32 | 26.2 | 4.59 |
| | 15 | 14.5 | 2.78 | 15.8 | 3.00 | 17.1 | 3.21 | 18.3 | 3.43 | 19.6 | 3.61 | 21.3 | 3.89 | 24.6 | 4.45 | 26.2 | 4.73 |
| | 21 | 14.5 | 2.93 | 15.8 | 3.16 | 17.1 | 3.38 | 18.3 | 3.61 | 19.6 | 3.81 | 21.3 | 4.11 | 24.6 | 4.70 | 26.2 | 5.00 |
| | 23 | 14.5 | 2.99 | 15.8 | 3.22 | 17.1 | 3.46 | 18.3 | 3.69 | 19.6 | 3.89 | 21.3 | 4.20 | 24.6 | 4.81 | 26.2 | 5.11 |
| | 25 | 14.5 | 3.06 | 15.8 | 3.30 | 17.1 | 3.54 | 18.3 | 3.78 | 19.6 | 3.99 | 21.3 | 4.31 | 24.6 | 4.93 | 26.2 | 5.24 |
| | 27 | 14.5 | 3.14 | 15.8 | 3.39 | 17.1 | 3.63 | 18.3 | 3.88 | 19.6 | 4.10 | 21.3 | 4.42 | 24.6 | 5.07 | 26.2 | 5.39 |
| | 30 | 14.5 | 3.27 | 15.8 | 3.53 | 17.1 | 3.79 | 18.3 | 4.05 | 19.6 | 4.29 | 21.3 | 4.62 | 24.6 | 5.30 | 26.2 | 5.64 |
| | 33 | 14.5 | 3.43 | 15.8 | 3.70 | 17.1 | 3.97 | 18.3 | 4.24 | 19.6 | 4.50 | 21.3 | 4.86 | 24.6 | 5.58 | 26.2 | 6.10 |
| | 35 | 14.5 | 3.54 | 15.8 | 3.83 | 17.1 | 4.11 | 18.3 | 4.39 | 19.6 | 4.66 | 21.3 | 5.03 | 24.6 | 5.93 | 26.2 | 6.49 |
| | 37 | 14.5 | 3.67 | 15.8 | 3.96 | 17.1 | 4.26 | 18.3 | 4.55 | 19.6 | 4.84 | 21.3 | 5.22 | 24.6 | 6.32 | 26.2 | 6.93 |
| | 40 | 14.5 | 3.89 | 15.8 | 4.20 | 17.1 | 4.51 | 18.3 | 4.82 | 19.6 | 5.15 | 21.3 | 5.73 | 24.6 | 7.00 | 26.2 | 7.69 |
| | 43 | 14.5 | 4.16 | 15.8 | 4.50 | 17.1 | 4.83 | 18.3 | 5.21 | 19.6 | 5.69 | 21.3 | 6.34 | 24.6 | 7.76 | 26.1 | 8.44 |
| | 46 | 14.5 | 4.48 | 15.8 | 4.84 | 17.1 | 5.25 | 18.3 | 5.74 | 19.6 | 6.29 | 21.3 | 7.01 | 24.6 | 8.60 | 25.4 | 8.86 |
| 16.8 (60%) | 10 | 12.5 | 2.36 | 13.5 | 2.54 | 14.6 | 2.72 | 15.7 | 2.90 | 16.8 | 3.05 | 18.2 | 3.28 | 21.1 | 3.74 | 22.5 | 3.98 |
| | 15 | 12.5 | 2.43 | 13.5 | 2.61 | 14.6 | 2.80 | 15.7 | 2.98 | 16.8 | 3.13 | 18.2 | 3.37 | 21.1 | 3.86 | 22.5 | 4.10 |
| | 21 | 12.5 | 2.55 | 13.5 | 2.75 | 14.6 | 2.94 | 15.7 | 3.14 | 16.8 | 3.31 | 18.2 | 3.56 | 21.1 | 4.07 | 22.5 | 4.33 |
| | 23 | 12.5 | 2.61 | 13.5 | 2.81 | 14.6 | 3.01 | 15.7 | 3.21 | 16.8 | 3.38 | 18.2 | 3.64 | 21.1 | 4.16 | 22.5 | 4.43 |
| | 25 | 12.5 | 2.67 | 13.5 | 2.87 | 14.6 | 3.08 | 15.7 | 3.28 | 16.8 | 3.46 | 18.2 | 3.73 | 21.1 | 4.27 | 22.5 | 4.54 |
| | 27 | 12.5 | 2.73 | 13.5 | 2.95 | 14.6 | 3.16 | 15.7 | 3.37 | 16.8 | 3.56 | 18.2 | 3.83 | 21.1 | 4.39 | 22.5 | 4.66 |
| | 30 | 12.5 | 2.85 | 13.5 | 3.07 | 14.6 | 3.29 | 15.7 | 3.51 | 16.8 | 3.72 | 18.2 | 4.01 | 21.1 | 4.58 | 22.5 | 4.87 |
| | 33 | 12.5 | 2.98 | 13.5 | 3.21 | 14.6 | 3.45 | 15.7 | 3.68 | 16.8 | 3.90 | 18.2 | 4.20 | 21.1 | 4.82 | 22.5 | 5.12 |
| | 35 | 12.5 | 3.08 | 13.5 | 3.32 | 14.6 | 3.56 | 15.7 | 3.81 | 16.8 | 4.04 | 18.2 | 4.35 | 21.1 | 4.99 | 22.5 | 5.30 |
| | 37 | 12.5 | 3.19 | 13.5 | 3.44 | 14.6 | 3.69 | 15.7 | 3.94 | 16.8 | 4.19 | 18.2 | 4.52 | 21.1 | 5.18 | 22.5 | 5.61 |
| | 40 | 12.5 | 3.38 | 13.5 | 3.64 | 14.6 | 3.91 | 15.7 | 4.18 | 16.8 | 4.45 | 18.2 | 4.80 | 21.1 | 5.67 | 22.5 | 6.19 |
| | 43 | 12.5 | 3.61 | 13.5 | 3.90 | 14.6 | 4.19 | 15.7 | 4.47 | 16.8 | 4.77 | 18.2 | 5.18 | 21.1 | 6.27 | 22.5 | 6.85 |
| | 46 | 12.5 | 3.88 | 13.5 | 4.19 | 14.6 | 4.50 | 15.7 | 4.81 | 16.8 | 5.16 | 18.2 | 5.72 | 21.1 | 6.93 | 22.5 | 7.58 |
| 14.0 (50%) | 10 | 10.4 | 2.02 | 11.3 | 2.17 | 12.2 | 2.32 | 13.1 | 2.47 | 14.0 | 2.59 | 15.2 | 2.78 | 17.6 | 3.17 | 18.7 | 3.36 |
| | 15 | 10.4 | 2.07 | 11.3 | 2.23 | 12.2 | 2.38 | 13.1 | 2.54 | 14.0 | 2.66 | 15.2 | 2.86 | 17.6 | 3.26 | 18.7 | 3.46 |
| | 21 | 10.4 | 2.18 | 11.3 | 2.34 | 12.2 | 2.50 | 13.1 | 2.67 | 14.0 | 2.81 | 15.2 | 3.02 | 17.6 | 3.44 | 18.7 | 3.66 |
| | 23 | 10.4 | 2.22 | 11.3 | 2.39 | 12.2 | 2.56 | 13.1 | 2.72 | 14.0 | 2.87 | 15.2 | 3.09 | 17.6 | 3.52 | 18.7 | 3.74 |
| | 25 | 10.4 | 2.27 | 11.3 | 2.44 | 12.2 | 2.62 | 13.1 | 2.79 | 14.0 | 2.94 | 15.2 | 3.16 | 17.6 | 3.61 | 18.7 | 3.83 |
| | 27 | 10.4 | 2.33 | 11.3 | 2.50 | 12.2 | 2.68 | 13.1 | 2.86 | 14.0 | 3.01 | 15.2 | 3.24 | 17.6 | 3.71 | 18.7 | 3.94 |
| | 30 | 10.4 | 2.42 | 11.3 | 2.61 | 12.2 | 2.79 | 13.1 | 2.98 | 14.0 | 3.15 | 15.2 | 3.39 | 17.6 | 3.87 | 18.7 | 4.11 |
| | 33 | 10.4 | 2.53 | 11.3 | 2.73 | 12.2 | 2.92 | 13.1 | 3.12 | 14.0 | 3.30 | 15.2 | 3.55 | 17.6 | 4.06 | 18.7 | 4.32 |
| | 35 | 10.4 | 2.62 | 11.3 | 2.82 | 12.2 | 3.02 | 13.1 | 3.22 | 14.0 | 3.41 | 15.2 | 3.68 | 17.6 | 4.21 | 18.7 | 4.47 |
| | 37 | 10.4 | 2.71 | 11.3 | 2.92 | 12.2 | 3.13 | 13.1 | 3.34 | 14.0 | 3.54 | 15.2 | 3.81 | 17.6 | 4.36 | 18.7 | 4.64 |
| | 40 | 10.4 | 2.86 | 11.3 | 3.09 | 12.2 | 3.31 | 13.1 | 3.53 | 14.0 | 3.76 | 15.2 | 4.05 | 17.6 | 4.63 | 18.7 | 4.93 |
| | 43 | 10.4 | 3.06 | 11.3 | 3.30 | 12.2 | 3.54 | 13.1 | 3.78 | 14.0 | 4.03 | 15.2 | 4.34 | 17.6 | 4.97 | 18.7 | 5.37 |
| | 46 | 10.4 | 3.28 | 11.3 | 3.54 | 12.2 | 3.80 | 13.1 | 4.06 | 14.0 | 4.33 | 15.2 | 4.68 | 17.6 | 5.46 | 18.7 | 5.93 |

# ■ Model: AJ∗108GALDH

| Cooling capacity at rated condition: 33.5 kW (12HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 50.3 (150%) | 10 | 37.3 | 7.48 | 39.2 | 7.74 | 40.1 | 7.74 | 41.1 | 7.73 | 41.9 | 7.75 | 43.0 | 7.73 | 45.0 | 7.68 | 46.0 | 7.65 |
| | 15 | 37.3 | 7.71 | 38.9 | 7.89 | 39.9 | 7.89 | 40.8 | 7.89 | 41.6 | 7.91 | 42.6 | 7.90 | 44.6 | 7.85 | 45.6 | 7.82 |
| | 21 | 37.3 | 8.13 | 38.4 | 8.18 | 39.3 | 8.19 | 40.3 | 8.19 | 41.0 | 8.23 | 42.0 | 8.21 | 44.0 | 8.17 | 45.0 | 8.15 |
| | 23 | 37.2 | 8.30 | 38.2 | 8.30 | 39.1 | 8.31 | 40.0 | 8.31 | 40.8 | 8.36 | 41.7 | 8.34 | 43.6 | 8.35 | 44.5 | 8.38 |
| | 25 | 37.0 | 8.43 | 37.9 | 8.44 | 38.8 | 8.45 | 39.8 | 8.46 | 40.4 | 8.56 | 41.2 | 8.60 | 42.9 | 8.68 | 43.8 | 8.71 |
| | 27 | 36.7 | 8.60 | 37.5 | 8.66 | 38.3 | 8.72 | 39.2 | 8.78 | 39.7 | 8.89 | 40.5 | 8.93 | 42.2 | 9.01 | 43.1 | 9.05 |
| | 30 | 35.8 | 9.06 | 36.6 | 9.13 | 37.5 | 9.19 | 38.3 | 9.25 | 38.7 | 9.38 | 39.5 | 9.43 | 41.2 | 9.51 | 42.0 | 9.55 |
| | 33 | 35.0 | 9.52 | 35.8 | 9.59 | 36.6 | 9.66 | 37.4 | 9.73 | 37.7 | 9.87 | 38.5 | 9.92 | 40.1 | 10.03 | 40.9 | 10.08 |
| | 35 | 34.4 | 9.84 | 35.2 | 9.92 | 35.9 | 9.99 | 36.7 | 10.07 | 37.0 | 10.24 | 37.8 | 10.30 | 39.4 | 10.42 | 40.1 | 10.48 |
| | 37 | 33.8 | 10.19 | 34.5 | 10.27 | 35.3 | 10.35 | 36.0 | 10.43 | 36.3 | 10.62 | 37.1 | 10.69 | 38.6 | 10.82 | 39.4 | 10.88 |
| | 40 | 32.8 | 10.71 | 33.5 | 10.80 | 34.3 | 10.88 | 35.0 | 10.97 | 35.2 | 11.20 | 35.9 | 11.27 | 37.4 | 11.42 | 38.2 | 11.49 |
| | 43 | 31.8 | 11.24 | 32.5 | 11.33 | 33.2 | 11.42 | 34.0 | 11.51 | 34.1 | 11.78 | 34.8 | 11.86 | 36.3 | 12.02 | 37.0 | 12.10 |
| | 46 | 30.8 | 11.77 | 31.5 | 11.87 | 32.2 | 11.97 | 32.9 | 12.07 | 33.0 | 12.36 | 33.7 | 12.45 | 35.1 | 12.63 | 35.8 | 12.71 |
| 46.9 (140%) | 10 | 34.8 | 7.01 | 37.8 | 7.59 | 39.3 | 7.74 | 40.3 | 7.74 | 41.3 | 7.76 | 42.2 | 7.74 | 44.2 | 7.70 | 45.2 | 7.67 |
| | 15 | 34.8 | 7.22 | 37.8 | 7.81 | 39.0 | 7.89 | 40.0 | 7.89 | 40.9 | 7.93 | 41.9 | 7.91 | 43.9 | 7.87 | 44.9 | 7.84 |
| | 21 | 34.8 | 7.62 | 37.6 | 8.18 | 38.5 | 8.18 | 39.4 | 8.19 | 40.3 | 8.24 | 41.3 | 8.22 | 43.3 | 8.19 | 44.2 | 8.16 |
| | 23 | 34.8 | 7.79 | 37.4 | 8.30 | 38.3 | 8.31 | 39.2 | 8.31 | 40.1 | 8.37 | 41.1 | 8.35 | 43.0 | 8.32 | 43.8 | 8.36 |
| | 25 | 34.8 | 7.98 | 37.1 | 8.43 | 38.1 | 8.44 | 39.0 | 8.45 | 39.8 | 8.53 | 40.6 | 8.57 | 42.3 | 8.65 | 43.2 | 8.69 |
| | 27 | 34.8 | 8.20 | 36.8 | 8.61 | 37.6 | 8.67 | 38.5 | 8.73 | 39.2 | 8.86 | 40.0 | 8.90 | 41.6 | 8.98 | 42.5 | 9.02 |
| | 30 | 34.8 | 8.82 | 36.0 | 9.07 | 36.8 | 9.14 | 37.6 | 9.20 | 38.2 | 9.35 | 39.0 | 9.40 | 40.6 | 9.48 | 41.4 | 9.53 |
| | 33 | 34.4 | 9.47 | 35.2 | 9.54 | 35.9 | 9.61 | 36.7 | 9.67 | 37.2 | 9.84 | 38.0 | 9.89 | 39.6 | 9.99 | 40.4 | 10.05 |
| | 35 | 33.8 | 9.78 | 34.6 | 9.86 | 35.3 | 9.94 | 36.1 | 10.01 | 36.5 | 10.20 | 37.3 | 10.26 | 38.8 | 10.38 | 39.6 | 10.44 |
| | 37 | 33.2 | 10.13 | 33.9 | 10.21 | 34.7 | 10.29 | 35.4 | 10.36 | 35.8 | 10.58 | 36.6 | 10.65 | 38.1 | 10.78 | 38.9 | 10.84 |
| | 40 | 32.2 | 10.65 | 33.0 | 10.73 | 33.7 | 10.82 | 34.4 | 10.90 | 34.8 | 11.15 | 35.5 | 11.23 | 37.0 | 11.37 | 37.7 | 11.44 |
| | 43 | 31.3 | 11.17 | 32.0 | 11.26 | 32.7 | 11.36 | 33.4 | 11.45 | 33.7 | 11.73 | 34.4 | 11.81 | 35.8 | 11.97 | 36.6 | 12.05 |
| | 46 | 30.3 | 11.70 | 31.0 | 11.80 | 31.7 | 11.90 | 32.4 | 12.00 | 32.6 | 12.31 | 33.3 | 12.40 | 34.7 | 12.58 | 35.4 | 12.66 |
| 43.6 (130%) | 10 | 32.3 | 6.54 | 35.1 | 7.07 | 37.9 | 7.61 | 39.3 | 7.74 | 40.5 | 7.77 | 41.5 | 7.76 | 43.4 | 7.72 | 44.4 | 7.70 |
| | 15 | 32.3 | 6.73 | 35.1 | 7.28 | 37.9 | 7.83 | 39.0 | 7.89 | 40.2 | 7.94 | 41.1 | 7.92 | 43.1 | 7.89 | 44.0 | 7.87 |
| | 21 | 32.3 | 7.10 | 35.1 | 7.69 | 37.6 | 8.18 | 38.5 | 8.18 | 39.6 | 8.24 | 40.6 | 8.23 | 42.5 | 8.20 | 43.4 | 8.18 |
| | 23 | 32.3 | 7.26 | 35.1 | 7.86 | 37.4 | 8.30 | 38.3 | 8.31 | 39.4 | 8.37 | 40.3 | 8.36 | 42.2 | 8.34 | 43.1 | 8.33 |
| | 25 | 32.3 | 7.44 | 35.1 | 8.05 | 37.2 | 8.43 | 38.1 | 8.44 | 39.1 | 8.52 | 40.0 | 8.54 | 41.6 | 8.62 | 42.5 | 8.66 |
| | 27 | 32.3 | 7.64 | 35.1 | 8.27 | 36.9 | 8.61 | 37.7 | 8.67 | 38.5 | 8.82 | 39.4 | 8.87 | 41.0 | 8.95 | 41.8 | 8.99 |
| | 30 | 32.3 | 7.98 | 35.1 | 8.94 | 36.1 | 9.08 | 36.9 | 9.14 | 37.6 | 9.31 | 38.4 | 9.36 | 40.0 | 9.45 | 40.8 | 9.49 |
| | 33 | 32.3 | 8.72 | 34.5 | 9.48 | 35.2 | 9.55 | 36.0 | 9.61 | 36.7 | 9.80 | 37.4 | 9.86 | 39.0 | 9.95 | 39.8 | 10.01 |
| | 35 | 32.3 | 9.27 | 33.9 | 9.79 | 34.7 | 9.87 | 35.4 | 9.94 | 36.0 | 10.16 | 36.8 | 10.22 | 38.3 | 10.34 | 39.0 | 10.40 |
| | 37 | 32.3 | 9.91 | 33.3 | 10.14 | 34.0 | 10.22 | 34.8 | 10.30 | 35.3 | 10.53 | 36.1 | 10.60 | 37.6 | 10.73 | 38.3 | 10.79 |
| | 40 | 31.7 | 10.58 | 32.4 | 10.66 | 33.1 | 10.75 | 33.8 | 10.83 | 34.3 | 11.10 | 35.0 | 11.18 | 36.5 | 11.32 | 37.2 | 11.39 |
| | 43 | 30.7 | 11.10 | 31.4 | 11.19 | 32.1 | 11.28 | 32.8 | 11.37 | 33.2 | 11.68 | 33.9 | 11.76 | 35.4 | 11.92 | 36.1 | 12.00 |
| | 46 | 29.8 | 11.63 | 30.5 | 11.72 | 31.1 | 11.82 | 31.8 | 11.92 | 32.1 | 12.26 | 32.8 | 12.35 | 34.2 | 12.52 | 34.9 | 12.61 |
| 40.2 (120%) | 10 | 29.8 | 6.07 | 32.4 | 6.56 | 35.0 | 7.05 | 37.6 | 7.55 | 39.6 | 7.78 | 40.6 | 7.77 | 42.5 | 7.74 | 43.4 | 7.72 |
| | 15 | 29.8 | 6.25 | 32.4 | 6.75 | 35.0 | 7.26 | 37.6 | 7.77 | 39.3 | 7.95 | 40.3 | 7.94 | 42.1 | 7.91 | 43.1 | 7.89 |
| | 21 | 29.8 | 6.59 | 32.4 | 7.13 | 35.0 | 7.66 | 37.5 | 8.18 | 38.8 | 8.25 | 39.7 | 8.24 | 41.6 | 8.22 | 42.5 | 8.20 |
| | 23 | 29.8 | 6.74 | 32.4 | 7.29 | 35.0 | 7.84 | 37.3 | 8.30 | 38.6 | 8.38 | 39.5 | 8.37 | 41.3 | 8.35 | 42.2 | 8.33 |
| | 25 | 29.8 | 6.90 | 32.4 | 7.47 | 35.0 | 8.03 | 37.1 | 8.43 | 38.3 | 8.52 | 39.2 | 8.52 | 40.9 | 8.59 | 41.7 | 8.62 |
| | 27 | 29.8 | 7.09 | 32.4 | 7.67 | 35.0 | 8.25 | 36.8 | 8.61 | 37.8 | 8.78 | 38.6 | 8.83 | 40.2 | 8.92 | 41.0 | 8.96 |
| | 30 | 29.8 | 7.40 | 32.4 | 8.01 | 35.0 | 8.90 | 36.0 | 9.08 | 36.9 | 9.27 | 37.7 | 9.32 | 39.3 | 9.41 | 40.1 | 9.46 |
| | 33 | 29.8 | 7.81 | 32.4 | 8.76 | 34.5 | 9.48 | 35.2 | 9.54 | 36.0 | 9.76 | 36.8 | 9.81 | 38.3 | 9.91 | 39.1 | 9.96 |
| | 35 | 29.8 | 8.30 | 32.4 | 9.31 | 33.9 | 9.79 | 34.7 | 9.87 | 35.4 | 10.11 | 36.1 | 10.17 | 37.6 | 10.29 | 38.4 | 10.35 |
| | 37 | 29.8 | 8.83 | 32.4 | 9.95 | 33.3 | 10.14 | 34.0 | 10.22 | 34.7 | 10.48 | 35.5 | 10.55 | 36.9 | 10.68 | 37.7 | 10.74 |
| | 40 | 29.8 | 9.78 | 31.7 | 10.58 | 32.4 | 10.67 | 33.1 | 10.75 | 33.7 | 11.05 | 34.4 | 11.12 | 35.9 | 11.26 | 36.6 | 11.33 |
| | 43 | 29.8 | 10.83 | 30.8 | 11.11 | 31.5 | 11.20 | 32.2 | 11.29 | 32.7 | 11.62 | 33.4 | 11.70 | 34.8 | 11.86 | 35.5 | 11.93 |
| | 46 | 29.2 | 11.54 | 29.8 | 11.64 | 30.5 | 11.73 | 31.2 | 11.83 | 31.7 | 12.19 | 32.3 | 12.28 | 33.7 | 12.45 | 34.4 | 12.54 |
| 36.9 (110%) | 10 | 27.3 | 5.60 | 29.7 | 6.05 | 32.1 | 6.50 | 34.5 | 6.95 | 36.8 | 7.30 | 39.6 | 7.78 | 41.4 | 7.76 | 42.3 | 7.74 |
| | 15 | 27.3 | 5.76 | 29.7 | 6.23 | 32.1 | 6.69 | 34.5 | 7.16 | 36.8 | 7.53 | 39.3 | 7.95 | 41.1 | 7.92 | 42.0 | 7.91 |
| | 21 | 27.3 | 6.07 | 29.7 | 6.57 | 32.1 | 7.06 | 34.5 | 7.55 | 36.8 | 7.96 | 38.8 | 8.25 | 40.6 | 8.23 | 41.5 | 8.22 |
| | 23 | 27.3 | 6.21 | 29.7 | 6.71 | 32.1 | 7.22 | 34.5 | 7.72 | 36.8 | 8.15 | 38.5 | 8.38 | 40.3 | 8.36 | 41.2 | 8.35 |
| | 25 | 27.3 | 6.36 | 29.7 | 6.88 | 32.1 | 7.39 | 34.5 | 7.91 | 36.8 | 8.36 | 38.3 | 8.52 | 40.0 | 8.54 | 40.8 | 8.58 |
| | 27 | 27.3 | 6.53 | 29.7 | 7.06 | 32.1 | 7.59 | 34.5 | 8.13 | 36.8 | 8.65 | 37.8 | 8.78 | 39.4 | 8.87 | 40.2 | 8.91 |
| | 30 | 27.3 | 6.82 | 29.7 | 7.37 | 32.1 | 7.93 | 34.5 | 8.70 | 36.2 | 9.22 | 37.0 | 9.27 | 38.5 | 9.37 | 39.3 | 9.41 |
| | 33 | 27.3 | 7.15 | 29.7 | 7.78 | 32.1 | 8.64 | 34.3 | 9.46 | 35.3 | 9.71 | 36.1 | 9.76 | 37.6 | 9.86 | 38.3 | 9.91 |
| | 35 | 27.3 | 7.40 | 29.7 | 8.26 | 32.1 | 9.18 | 33.8 | 9.78 | 34.7 | 10.05 | 35.4 | 10.11 | 36.9 | 10.23 | 37.6 | 10.29 |
| | 37 | 27.3 | 7.85 | 29.7 | 8.79 | 32.1 | 9.81 | 33.2 | 10.13 | 34.1 | 10.42 | 34.8 | 10.49 | 36.2 | 10.62 | 36.9 | 10.68 |
| | 40 | 27.3 | 8.66 | 29.7 | 9.73 | 31.6 | 10.57 | 32.3 | 10.65 | 33.1 | 10.98 | 33.8 | 11.05 | 35.2 | 11.20 | 35.9 | 11.27 |
| | 43 | 27.3 | 9.58 | 29.7 | 10.78 | 30.7 | 11.10 | 31.4 | 11.19 | 32.1 | 11.55 | 32.8 | 11.63 | 34.2 | 11.78 | 34.8 | 11.86 |
| | 46 | 27.3 | 10.60 | 29.2 | 11.54 | 29.8 | 11.63 | 30.5 | 11.73 | 31.1 | 12.12 | 31.8 | 12.21 | 33.1 | 12.38 | 33.8 | 12.46 |
| 33.5 (100%) | 10 | 24.9 | 5.13 | 27.0 | 5.54 | 29.2 | 5.95 | 31.3 | 6.36 | 33.5 | 6.68 | 36.3 | 7.21 | 40.2 | 7.78 | 41.1 | 7.76 |
| | 15 | 24.9 | 5.27 | 27.0 | 5.70 | 29.2 | 6.12 | 31.3 | 6.54 | 33.5 | 6.88 | 36.3 | 7.43 | 40.0 | 7.94 | 40.8 | 7.93 |
| | 21 | 24.9 | 5.56 | 27.0 | 6.01 | 29.2 | 6.45 | 31.3 | 6.90 | 33.5 | 7.28 | 36.3 | 7.86 | 39.4 | 8.25 | 40.3 | 8.24 |
| | 23 | 24.9 | 5.68 | 27.0 | 6.14 | 29.2 | 6.60 | 31.3 | 7.06 | 33.5 | 7.45 | 36.3 | 8.04 | 39.2 | 8.38 | 40.1 | 8.37 |
| | 25 | 24.9 | 5.82 | 27.0 | 6.29 | 29.2 | 6.76 | 31.3 | 7.23 | 33.5 | 7.64 | 36.3 | 8.25 | 39.0 | 8.52 | 39.8 | 8.53 |
| | 27 | 24.9 | 5.97 | 27.0 | 6.46 | 29.2 | 6.94 | 31.3 | 7.42 | 33.5 | 7.85 | 36.3 | 8.48 | 38.4 | 8.82 | 39.2 | 8.86 |
| | 30 | 24.9 | 6.23 | 27.0 | 6.74 | 29.2 | 7.25 | 31.3 | 7.75 | 33.5 | 8.31 | 36.1 | 9.21 | 37.6 | 9.31 | 38.3 | 9.36 |
| | 33 | 24.9 | 6.54 | 27.0 | 7.07 | 29.2 | 7.60 | 31.3 | 8.36 | 33.5 | 9.14 | 35.2 | 9.70 | 36.7 | 9.81 | 37.4 | 9.85 |
| | 35 | 24.9 | 6.77 | 27.0 | 7.32 | 29.2 | 8.06 | 31.3 | 8.88 | 33.5 | 9.75 | 34.6 | 10.04 | 36.1 | 10.16 | 36.8 | 10.22 |
| | 37 | 24.9 | 7.01 | 27.0 | 7.73 | 29.2 | 8.56 | 31.3 | 9.48 | 33.3 | 10.34 | 34.0 | 10.41 | 35.4 | 10.54 | 36.1 | 10.61 |
| | 40 | 24.9 | 7.62 | 27.0 | 8.52 | 29.2 | 9.48 | 31.3 | 10.50 | 32.4 | 10.90 | 33.1 | 10.97 | 34.4 | 11.12 | 35.1 | 11.19 |
| | 43 | 24.9 | 8.41 | 27.0 | 9.42 | 29.2 | 10.49 | 30.5 | 11.07 | 31.4 | 11.46 | 32.1 | 11.54 | 33.4 | 11.70 | 34.1 | 11.78 |
| | 46 | 24.9 | 9.29 | 27.0 | 10.42 | 29.0 | 11.52 | 29.7 | 11.61 | 30.4 | 12.03 | 31.1 | 12.12 | 32.4 | 12.29 | 33.1 | 12.37 |

MODEL SELECTION

| Cooling capacity at rated condition: 33.5 kW (12HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 30.1 (90%) | 10 | 22.4 | 4.65 | 24.3 | 5.02 | 26.3 | 5.39 | 28.2 | 5.76 | 30.1 | 6.05 | 32.7 | 6.53 | 37.8 | 7.49 | 39.7 | 7.78 |
| | 15 | 22.4 | 4.79 | 24.3 | 5.17 | 26.3 | 5.55 | 28.2 | 5.93 | 30.1 | 6.24 | 32.7 | 6.73 | 37.8 | 7.72 | 39.5 | 7.95 |
| | 21 | 22.4 | 5.04 | 24.3 | 5.45 | 26.3 | 5.85 | 28.2 | 6.25 | 30.1 | 6.59 | 32.7 | 7.11 | 37.8 | 8.16 | 39.0 | 8.25 |
| | 23 | 22.4 | 5.15 | 24.3 | 5.57 | 26.3 | 5.98 | 28.2 | 6.39 | 30.1 | 6.74 | 32.7 | 7.28 | 37.8 | 8.35 | 38.8 | 8.38 |
| | 25 | 22.4 | 5.28 | 24.3 | 5.70 | 26.3 | 6.13 | 28.2 | 6.55 | 30.1 | 6.91 | 32.7 | 7.46 | 37.7 | 8.53 | 38.5 | 8.52 |
| | 27 | 22.4 | 5.42 | 24.3 | 5.85 | 26.3 | 6.29 | 28.2 | 6.72 | 30.1 | 7.11 | 32.7 | 7.67 | 37.3 | 8.75 | 38.1 | 8.79 |
| | 30 | 22.4 | 5.65 | 24.3 | 6.11 | 26.3 | 6.56 | 28.2 | 7.02 | 30.1 | 7.43 | 32.7 | 8.03 | 36.5 | 9.24 | 37.2 | 9.29 |
| | 33 | 22.4 | 5.93 | 24.3 | 6.40 | 26.3 | 6.88 | 28.2 | 7.36 | 30.1 | 7.89 | 32.7 | 8.84 | 35.7 | 9.73 | 36.4 | 9.78 |
| | 35 | 22.4 | 6.13 | 24.3 | 6.63 | 26.3 | 7.12 | 28.2 | 7.71 | 30.1 | 8.40 | 32.7 | 9.41 | 35.1 | 10.08 | 35.8 | 10.14 |
| | 37 | 22.4 | 6.35 | 24.3 | 6.87 | 26.3 | 7.45 | 28.2 | 8.18 | 30.1 | 8.96 | 32.7 | 10.09 | 34.5 | 10.46 | 35.1 | 10.52 |
| | 40 | 22.4 | 6.74 | 24.3 | 7.40 | 26.3 | 8.20 | 28.2 | 9.04 | 30.1 | 9.95 | 32.2 | 10.88 | 33.5 | 11.02 | 34.2 | 11.09 |
| | 43 | 22.4 | 7.33 | 24.3 | 8.17 | 26.3 | 9.06 | 28.2 | 10.00 | 30.1 | 11.04 | 31.3 | 11.44 | 32.6 | 11.60 | 33.2 | 11.68 |
| | 46 | 22.4 | 8.09 | 24.3 | 9.02 | 26.3 | 10.02 | 28.2 | 11.08 | 29.7 | 11.93 | 30.3 | 12.01 | 31.6 | 12.18 | 32.2 | 12.27 |
| 26.8 (80%) | 10 | 19.9 | 4.18 | 21.6 | 4.51 | 23.3 | 4.84 | 25.1 | 5.17 | 26.8 | 5.42 | 29.1 | 5.85 | 33.6 | 6.70 | 35.9 | 7.12 |
| | 15 | 19.9 | 4.30 | 21.6 | 4.64 | 23.3 | 4.98 | 25.1 | 5.32 | 26.8 | 5.59 | 29.1 | 6.03 | 33.6 | 6.90 | 35.9 | 7.34 |
| | 21 | 19.9 | 4.53 | 21.6 | 4.89 | 23.3 | 5.25 | 25.1 | 5.60 | 26.8 | 5.90 | 29.1 | 6.37 | 33.6 | 7.30 | 35.9 | 7.76 |
| | 23 | 19.9 | 4.63 | 21.6 | 4.99 | 23.3 | 5.36 | 25.1 | 5.73 | 26.8 | 6.04 | 29.1 | 6.52 | 33.6 | 7.47 | 35.9 | 7.95 |
| | 25 | 19.9 | 4.74 | 21.6 | 5.11 | 23.3 | 5.49 | 25.1 | 5.87 | 26.8 | 6.19 | 29.1 | 6.68 | 33.6 | 7.66 | 35.9 | 8.15 |
| | 27 | 19.9 | 4.86 | 21.6 | 5.25 | 23.3 | 5.63 | 25.1 | 6.02 | 26.8 | 6.36 | 29.1 | 6.87 | 33.6 | 7.87 | 35.9 | 8.38 |
| | 30 | 19.9 | 5.07 | 21.6 | 5.47 | 23.3 | 5.88 | 25.1 | 6.29 | 26.8 | 6.65 | 29.1 | 7.18 | 33.6 | 8.35 | 35.9 | 9.17 |
| | 33 | 19.9 | 5.31 | 21.6 | 5.74 | 23.3 | 6.16 | 25.1 | 6.59 | 26.8 | 6.99 | 29.1 | 7.54 | 33.6 | 9.19 | 35.2 | 9.70 |
| | 35 | 19.9 | 5.49 | 21.6 | 5.94 | 23.3 | 6.38 | 25.1 | 6.82 | 26.8 | 7.24 | 29.1 | 8.00 | 33.6 | 9.79 | 34.6 | 10.04 |
| | 37 | 19.9 | 5.69 | 21.6 | 6.15 | 23.3 | 6.61 | 25.1 | 7.07 | 26.8 | 7.64 | 29.1 | 8.51 | 33.4 | 10.35 | 34.0 | 10.41 |
| | 40 | 19.9 | 6.04 | 21.6 | 6.52 | 23.3 | 7.02 | 25.1 | 7.71 | 26.8 | 8.43 | 29.1 | 9.44 | 32.5 | 10.91 | 33.1 | 10.98 |
| | 43 | 19.9 | 6.46 | 21.6 | 7.02 | 23.3 | 7.75 | 25.1 | 8.51 | 26.8 | 9.34 | 29.1 | 10.48 | 31.6 | 11.48 | 32.2 | 11.56 |
| | 46 | 19.9 | 6.97 | 21.6 | 7.74 | 23.3 | 8.55 | 25.1 | 9.40 | 26.8 | 10.35 | 29.1 | 11.63 | 30.6 | 12.06 | 31.3 | 12.14 |
| 23.4 (70%) | 10 | 17.4 | 3.71 | 18.9 | 4.00 | 20.4 | 4.29 | 21.9 | 4.57 | 23.4 | 4.80 | 25.4 | 5.17 | 29.4 | 5.91 | 31.4 | 6.28 |
| | 15 | 17.4 | 3.81 | 18.9 | 4.11 | 20.4 | 4.41 | 21.9 | 4.70 | 23.4 | 4.94 | 25.4 | 5.32 | 29.4 | 6.09 | 31.4 | 6.48 |
| | 21 | 17.4 | 4.01 | 18.9 | 4.33 | 20.4 | 4.64 | 21.9 | 4.95 | 23.4 | 5.22 | 25.4 | 5.62 | 29.4 | 6.44 | 31.4 | 6.85 |
| | 23 | 17.4 | 4.10 | 18.9 | 4.42 | 20.4 | 4.74 | 21.9 | 5.06 | 23.4 | 5.33 | 25.4 | 5.75 | 29.4 | 6.59 | 31.4 | 7.00 |
| | 25 | 17.4 | 4.20 | 18.9 | 4.53 | 20.4 | 4.86 | 21.9 | 5.18 | 23.4 | 5.47 | 25.4 | 5.90 | 29.4 | 6.75 | 31.4 | 7.18 |
| | 27 | 17.4 | 4.30 | 18.9 | 4.64 | 20.4 | 4.98 | 21.9 | 5.32 | 23.4 | 5.62 | 25.4 | 6.06 | 29.4 | 6.94 | 31.4 | 7.38 |
| | 30 | 17.4 | 4.49 | 18.9 | 4.84 | 20.4 | 5.20 | 21.9 | 5.55 | 23.4 | 5.87 | 25.4 | 6.33 | 29.4 | 7.26 | 31.4 | 7.72 |
| | 33 | 17.4 | 4.70 | 18.9 | 5.07 | 20.4 | 5.45 | 21.9 | 5.82 | 23.4 | 6.16 | 25.4 | 6.65 | 29.4 | 7.63 | 31.4 | 8.35 |
| | 35 | 17.4 | 4.86 | 18.9 | 5.25 | 20.4 | 5.63 | 21.9 | 6.02 | 23.4 | 6.38 | 25.4 | 6.89 | 29.4 | 8.12 | 31.4 | 8.89 |
| | 37 | 17.4 | 5.03 | 18.9 | 5.43 | 20.4 | 5.84 | 21.9 | 6.24 | 23.4 | 6.62 | 25.4 | 7.15 | 29.4 | 8.65 | 31.4 | 9.50 |
| | 40 | 17.4 | 5.33 | 18.9 | 5.76 | 20.4 | 6.19 | 21.9 | 6.62 | 23.4 | 7.06 | 25.4 | 7.86 | 29.4 | 9.60 | 31.4 | 10.56 |
| | 43 | 17.4 | 5.71 | 18.9 | 6.17 | 20.4 | 6.63 | 21.9 | 7.15 | 23.4 | 7.81 | 25.4 | 8.70 | 29.4 | 10.65 | 31.0 | 11.41 |
| | 46 | 17.4 | 6.14 | 18.9 | 6.64 | 20.4 | 7.20 | 21.9 | 7.88 | 23.4 | 8.63 | 25.4 | 9.63 | 29.4 | 11.83 | 30.1 | 11.98 |
| 20.1 (60%) | 10 | 14.9 | 3.24 | 16.2 | 3.49 | 17.5 | 3.73 | 18.8 | 3.98 | 20.1 | 4.17 | 21.8 | 4.49 | 25.2 | 5.13 | 26.9 | 5.45 |
| | 15 | 14.9 | 3.33 | 16.2 | 3.58 | 17.5 | 3.84 | 18.8 | 4.09 | 20.1 | 4.29 | 21.8 | 4.62 | 25.2 | 5.28 | 26.9 | 5.61 |
| | 21 | 14.9 | 3.50 | 16.2 | 3.77 | 17.5 | 4.04 | 18.8 | 4.30 | 20.1 | 4.53 | 21.8 | 4.88 | 25.2 | 5.58 | 26.9 | 5.93 |
| | 23 | 14.9 | 3.57 | 16.2 | 3.85 | 17.5 | 4.12 | 18.8 | 4.40 | 20.1 | 4.63 | 21.8 | 4.99 | 25.2 | 5.70 | 26.9 | 6.06 |
| | 25 | 14.9 | 3.66 | 16.2 | 3.94 | 17.5 | 4.22 | 18.8 | 4.50 | 20.1 | 4.75 | 21.8 | 5.11 | 25.2 | 5.85 | 26.9 | 6.22 |
| | 27 | 14.9 | 3.75 | 16.2 | 4.04 | 17.5 | 4.33 | 18.8 | 4.62 | 20.1 | 4.87 | 21.8 | 5.25 | 25.2 | 6.01 | 26.9 | 6.39 |
| | 30 | 14.9 | 3.91 | 16.2 | 4.21 | 17.5 | 4.51 | 18.8 | 4.82 | 20.1 | 5.09 | 21.8 | 5.49 | 25.2 | 6.28 | 26.9 | 6.68 |
| | 33 | 14.9 | 4.09 | 16.2 | 4.41 | 17.5 | 4.73 | 18.8 | 5.05 | 20.1 | 5.34 | 21.8 | 5.76 | 25.2 | 6.60 | 26.9 | 7.01 |
| | 35 | 14.9 | 4.22 | 16.2 | 4.55 | 17.5 | 4.89 | 18.8 | 5.22 | 20.1 | 5.53 | 21.8 | 5.96 | 25.2 | 6.83 | 26.9 | 7.27 |
| | 37 | 14.9 | 4.37 | 16.2 | 4.72 | 17.5 | 5.06 | 18.8 | 5.41 | 20.1 | 5.74 | 21.8 | 6.19 | 25.2 | 7.09 | 26.9 | 7.68 |
| | 40 | 14.9 | 4.63 | 16.2 | 5.00 | 17.5 | 5.36 | 18.8 | 5.73 | 20.1 | 6.09 | 21.8 | 6.57 | 25.2 | 7.76 | 26.9 | 8.48 |
| | 43 | 14.9 | 4.95 | 16.2 | 5.34 | 17.5 | 5.74 | 18.8 | 6.13 | 20.1 | 6.53 | 21.8 | 7.11 | 25.2 | 8.59 | 26.9 | 9.40 |
| | 46 | 14.9 | 5.32 | 16.2 | 5.75 | 17.5 | 6.17 | 18.8 | 6.60 | 20.1 | 7.08 | 21.8 | 7.85 | 25.2 | 9.51 | 26.9 | 10.42 |
| 16.8 (50%) | 10 | 12.4 | 2.77 | 13.5 | 2.97 | 14.6 | 3.18 | 15.7 | 3.38 | 16.8 | 3.54 | 18.2 | 3.81 | 21.0 | 4.34 | 22.4 | 4.61 |
| | 15 | 12.4 | 2.84 | 13.5 | 3.05 | 14.6 | 3.27 | 15.7 | 3.48 | 16.8 | 3.65 | 18.2 | 3.92 | 21.0 | 4.47 | 22.4 | 4.74 |
| | 21 | 12.4 | 2.98 | 13.5 | 3.21 | 14.6 | 3.43 | 15.7 | 3.66 | 16.8 | 3.84 | 18.2 | 4.13 | 21.0 | 4.72 | 22.4 | 5.01 |
| | 23 | 12.4 | 3.05 | 13.5 | 3.27 | 14.6 | 3.50 | 15.7 | 3.73 | 16.8 | 3.93 | 18.2 | 4.23 | 21.0 | 4.82 | 22.4 | 5.12 |
| | 25 | 12.4 | 3.11 | 13.5 | 3.35 | 14.6 | 3.58 | 15.7 | 3.82 | 16.8 | 4.02 | 18.2 | 4.33 | 21.0 | 4.94 | 22.4 | 5.25 |
| | 27 | 12.4 | 3.19 | 13.5 | 3.43 | 14.6 | 3.68 | 15.7 | 3.92 | 16.8 | 4.13 | 18.2 | 4.45 | 21.0 | 5.07 | 22.4 | 5.39 |
| | 30 | 12.4 | 3.32 | 13.5 | 3.58 | 14.6 | 3.83 | 15.7 | 4.08 | 16.8 | 4.31 | 18.2 | 4.64 | 21.0 | 5.30 | 22.4 | 5.63 |
| | 33 | 12.4 | 3.47 | 13.5 | 3.74 | 14.6 | 4.01 | 15.7 | 4.27 | 16.8 | 4.52 | 18.2 | 4.87 | 21.0 | 5.57 | 22.4 | 5.91 |
| | 35 | 12.4 | 3.59 | 13.5 | 3.86 | 14.6 | 4.14 | 15.7 | 4.42 | 16.8 | 4.68 | 18.2 | 5.04 | 21.0 | 5.76 | 22.4 | 6.12 |
| | 37 | 12.4 | 3.71 | 13.5 | 4.00 | 14.6 | 4.29 | 15.7 | 4.57 | 16.8 | 4.85 | 18.2 | 5.23 | 21.0 | 5.98 | 22.4 | 6.35 |
| | 40 | 12.4 | 3.93 | 13.5 | 4.23 | 14.6 | 4.54 | 15.7 | 4.84 | 16.8 | 5.15 | 18.2 | 5.55 | 21.0 | 6.35 | 22.4 | 6.75 |
| | 43 | 12.4 | 4.19 | 13.5 | 4.52 | 14.6 | 4.85 | 15.7 | 5.18 | 16.8 | 5.51 | 18.2 | 5.95 | 21.0 | 6.81 | 22.4 | 7.37 |
| | 46 | 12.4 | 4.50 | 13.5 | 4.86 | 14.6 | 5.21 | 15.7 | 5.57 | 16.8 | 5.94 | 18.2 | 6.41 | 21.0 | 7.48 | 22.4 | 8.14 |

# ■ Model: AJ∗126GALDH

| Cooling capacity at rated condition: 40.0 kW (14HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 60.0 (150%) | 10 | 44.5 | 8.71 | 47.6 | 9.22 | 48.8 | 9.23 | 50.0 | 9.24 | 51.3 | 9.29 | 52.6 | 9.29 | 55.1 | 9.27 | 56.4 | 9.25 |
| | 15 | 44.5 | 8.96 | 47.3 | 9.39 | 48.5 | 9.41 | 49.7 | 9.42 | 50.9 | 9.48 | 52.1 | 9.48 | 54.7 | 9.46 | 56.0 | 9.45 |
| | 21 | 44.5 | 9.43 | 46.7 | 9.72 | 47.8 | 9.74 | 49.0 | 9.76 | 50.1 | 9.84 | 51.3 | 9.84 | 53.6 | 9.91 | 54.7 | 9.99 |
| | 23 | 44.5 | 9.63 | 46.4 | 9.86 | 47.6 | 9.88 | 48.7 | 9.90 | 49.7 | 10.03 | 50.7 | 10.11 | 52.8 | 10.28 | 53.8 | 10.35 |
| | 25 | 44.5 | 9.86 | 46.1 | 10.02 | 47.1 | 10.12 | 48.1 | 10.22 | 48.9 | 10.39 | 49.9 | 10.48 | 51.9 | 10.64 | 52.9 | 10.72 |
| | 27 | 44.4 | 10.26 | 45.4 | 10.36 | 46.4 | 10.47 | 47.4 | 10.57 | 48.1 | 10.75 | 49.0 | 10.84 | 51.0 | 11.01 | 51.9 | 11.10 |
| | 30 | 43.5 | 10.78 | 44.4 | 10.89 | 45.3 | 11.01 | 46.3 | 11.12 | 46.8 | 11.33 | 47.7 | 11.43 | 49.6 | 11.63 | 50.5 | 11.72 |
| | 33 | 42.3 | 11.35 | 43.2 | 11.47 | 44.1 | 11.59 | 45.0 | 11.71 | 45.5 | 11.94 | 46.4 | 12.04 | 48.2 | 12.25 | 49.1 | 12.34 |
| | 35 | 41.5 | 11.74 | 42.4 | 11.86 | 43.3 | 11.99 | 44.2 | 12.11 | 44.6 | 12.35 | 45.5 | 12.45 | 47.3 | 12.66 | 48.2 | 12.76 |
| | 37 | 40.7 | 12.13 | 41.6 | 12.25 | 42.5 | 12.38 | 43.4 | 12.50 | 43.7 | 12.76 | 44.6 | 12.86 | 46.3 | 13.07 | 47.2 | 13.17 |
| | 40 | 39.5 | 12.71 | 40.4 | 12.84 | 41.2 | 12.97 | 42.1 | 13.10 | 42.3 | 13.37 | 43.2 | 13.48 | 44.9 | 13.70 | 45.7 | 13.80 |
| | 43 | 38.3 | 13.30 | 39.1 | 13.44 | 40.0 | 13.57 | 40.8 | 13.70 | 40.9 | 13.99 | 41.8 | 14.10 | 43.4 | 14.32 | 44.3 | 14.43 |
| | 46 | 37.1 | 13.90 | 37.9 | 14.04 | 38.7 | 14.18 | 39.5 | 14.31 | 39.6 | 14.61 | 40.4 | 14.73 | 42.0 | 14.95 | 42.8 | 15.06 |
| 56.0 (140%) | 10 | 41.5 | 8.16 | 45.2 | 8.83 | 47.8 | 9.22 | 48.9 | 9.23 | 50.4 | 9.30 | 51.6 | 9.29 | 54.2 | 9.28 | 55.4 | 9.27 |
| | 15 | 41.5 | 8.39 | 45.2 | 9.08 | 47.4 | 9.40 | 48.6 | 9.41 | 50.0 | 9.48 | 51.2 | 9.48 | 53.7 | 9.47 | 55.0 | 9.46 |
| | 21 | 41.5 | 8.84 | 45.2 | 9.56 | 46.8 | 9.73 | 48.0 | 9.74 | 49.3 | 9.84 | 50.5 | 9.84 | 52.9 | 9.85 | 53.9 | 9.93 |
| | 23 | 41.5 | 9.03 | 45.2 | 9.76 | 46.6 | 9.86 | 47.7 | 9.88 | 48.9 | 9.98 | 50.0 | 10.06 | 52.0 | 10.22 | 53.0 | 10.30 |
| | 25 | 41.5 | 9.24 | 45.2 | 9.99 | 46.2 | 10.03 | 47.2 | 10.13 | 48.2 | 10.33 | 49.2 | 10.42 | 51.2 | 10.58 | 52.1 | 10.66 |
| | 27 | 41.5 | 9.48 | 44.6 | 10.28 | 45.6 | 10.38 | 46.6 | 10.48 | 47.4 | 10.69 | 48.4 | 10.78 | 50.3 | 10.95 | 51.3 | 11.04 |
| | 30 | 41.5 | 10.14 | 43.6 | 10.80 | 44.6 | 10.91 | 45.5 | 11.03 | 46.2 | 11.27 | 47.1 | 11.37 | 49.0 | 11.56 | 49.9 | 11.65 |
| | 33 | 41.5 | 11.23 | 42.5 | 11.38 | 43.4 | 11.50 | 44.3 | 11.62 | 44.9 | 11.87 | 45.8 | 11.98 | 47.6 | 12.18 | 48.5 | 12.28 |
| | 35 | 40.8 | 11.64 | 41.7 | 11.77 | 42.6 | 11.89 | 43.5 | 12.01 | 44.0 | 12.28 | 44.9 | 12.39 | 46.7 | 12.59 | 47.6 | 12.69 |
| | 37 | 40.1 | 12.03 | 40.9 | 12.16 | 41.8 | 12.28 | 42.7 | 12.41 | 43.2 | 12.69 | 44.0 | 12.80 | 45.8 | 13.01 | 46.6 | 13.11 |
| | 40 | 38.9 | 12.62 | 39.7 | 12.75 | 40.6 | 12.88 | 41.4 | 13.00 | 41.8 | 13.30 | 42.7 | 13.42 | 44.4 | 13.63 | 45.2 | 13.74 |
| | 43 | 37.7 | 13.21 | 38.5 | 13.34 | 39.4 | 13.48 | 40.2 | 13.61 | 40.5 | 13.92 | 41.3 | 14.04 | 42.9 | 14.26 | 43.8 | 14.37 |
| | 46 | 36.5 | 13.80 | 37.3 | 13.94 | 38.1 | 14.08 | 38.9 | 14.21 | 39.1 | 14.54 | 39.9 | 14.66 | 41.5 | 14.89 | 42.3 | 15.00 |
| 52.0 (130%) | 10 | 38.6 | 7.62 | 41.9 | 8.24 | 45.3 | 8.85 | 47.7 | 9.22 | 49.4 | 9.30 | 50.6 | 9.30 | 53.1 | 9.29 | 54.3 | 9.28 |
| | 15 | 38.6 | 7.83 | 41.9 | 8.47 | 45.3 | 9.10 | 47.4 | 9.40 | 49.0 | 9.48 | 50.2 | 9.48 | 52.7 | 9.48 | 53.9 | 9.47 |
| | 21 | 38.6 | 8.24 | 41.9 | 8.91 | 45.3 | 9.58 | 46.8 | 9.73 | 48.3 | 9.83 | 49.5 | 9.84 | 51.9 | 9.84 | 53.0 | 9.86 |
| | 23 | 38.6 | 8.42 | 41.9 | 9.10 | 45.3 | 9.79 | 46.6 | 9.86 | 48.0 | 9.98 | 49.2 | 9.99 | 51.2 | 10.15 | 52.2 | 10.23 |
| | 25 | 38.6 | 8.62 | 41.9 | 9.32 | 45.2 | 9.99 | 46.3 | 10.04 | 47.4 | 10.26 | 48.4 | 10.35 | 50.4 | 10.52 | 51.3 | 10.60 |
| | 27 | 38.6 | 8.84 | 41.9 | 9.56 | 44.7 | 10.28 | 45.6 | 10.38 | 46.7 | 10.62 | 47.6 | 10.71 | 49.5 | 10.88 | 50.5 | 10.97 |
| | 30 | 38.6 | 9.21 | 41.9 | 10.28 | 43.7 | 10.81 | 44.6 | 10.92 | 45.5 | 11.19 | 46.4 | 11.29 | 48.2 | 11.49 | 49.2 | 11.58 |
| | 33 | 38.6 | 9.97 | 41.7 | 11.27 | 42.6 | 11.39 | 43.5 | 11.51 | 44.2 | 11.80 | 45.1 | 11.90 | 46.9 | 12.10 | 47.8 | 12.20 |
| | 35 | 38.6 | 10.69 | 41.0 | 11.66 | 41.8 | 11.78 | 42.7 | 11.90 | 43.4 | 12.20 | 44.3 | 12.31 | 46.0 | 12.52 | 46.9 | 12.62 |
| | 37 | 38.6 | 11.47 | 40.2 | 12.05 | 41.0 | 12.17 | 41.9 | 12.30 | 42.6 | 12.61 | 43.4 | 12.72 | 45.1 | 12.93 | 46.0 | 13.03 |
| | 40 | 38.2 | 12.51 | 39.0 | 12.64 | 39.9 | 12.77 | 40.7 | 12.89 | 41.3 | 13.23 | 42.1 | 13.34 | 43.8 | 13.56 | 44.6 | 13.66 |
| | 43 | 37.1 | 13.10 | 37.9 | 13.23 | 38.7 | 13.37 | 39.5 | 13.50 | 39.9 | 13.84 | 40.8 | 13.96 | 42.4 | 14.18 | 43.2 | 14.29 |
| | 46 | 35.9 | 13.69 | 36.7 | 13.83 | 37.5 | 13.97 | 38.3 | 14.10 | 38.6 | 14.46 | 39.4 | 14.58 | 41.0 | 14.81 | 41.8 | 14.92 |
| 48.0 (120%) | 10 | 35.6 | 7.08 | 38.7 | 7.64 | 41.8 | 8.21 | 44.9 | 8.78 | 48.0 | 9.22 | 49.5 | 9.30 | 51.9 | 9.29 | 53.1 | 9.29 |
| | 15 | 35.6 | 7.27 | 38.7 | 7.86 | 41.8 | 8.44 | 44.9 | 9.03 | 48.0 | 9.48 | 49.1 | 9.48 | 51.5 | 9.48 | 52.7 | 9.48 |
| | 21 | 35.6 | 7.65 | 38.7 | 8.27 | 41.8 | 8.89 | 44.9 | 9.50 | 47.3 | 9.83 | 48.4 | 9.83 | 50.7 | 9.84 | 51.9 | 9.84 |
| | 23 | 35.6 | 7.81 | 38.7 | 8.44 | 41.8 | 9.08 | 44.9 | 9.71 | 47.0 | 9.97 | 48.1 | 9.98 | 50.2 | 10.07 | 51.2 | 10.15 |
| | 25 | 35.6 | 8.00 | 38.7 | 8.64 | 41.8 | 9.29 | 44.9 | 9.94 | 46.6 | 10.19 | 47.5 | 10.27 | 49.5 | 10.44 | 50.4 | 10.52 |
| | 27 | 35.6 | 8.20 | 38.7 | 8.87 | 41.8 | 9.53 | 44.6 | 10.27 | 45.9 | 10.55 | 46.8 | 10.63 | 48.7 | 10.81 | 49.6 | 10.89 |
| | 30 | 35.6 | 8.55 | 38.7 | 9.24 | 41.8 | 10.23 | 43.6 | 10.80 | 44.7 | 11.10 | 45.6 | 11.20 | 47.4 | 11.40 | 48.3 | 11.49 |
| | 33 | 35.6 | 8.95 | 38.7 | 10.02 | 41.7 | 11.27 | 42.5 | 11.38 | 43.5 | 11.71 | 44.4 | 11.81 | 46.1 | 12.02 | 47.0 | 12.11 |
| | 35 | 35.6 | 9.44 | 38.7 | 10.75 | 40.9 | 11.66 | 41.8 | 11.78 | 42.7 | 12.11 | 43.6 | 12.22 | 45.3 | 12.43 | 46.1 | 12.53 |
| | 37 | 35.6 | 10.12 | 38.7 | 11.53 | 40.2 | 12.05 | 41.0 | 12.17 | 41.9 | 12.52 | 42.7 | 12.63 | 44.4 | 12.84 | 45.2 | 12.95 |
| | 40 | 35.6 | 11.22 | 38.3 | 12.51 | 39.1 | 12.64 | 39.9 | 12.77 | 40.6 | 13.14 | 41.4 | 13.25 | 43.1 | 13.47 | 43.9 | 13.57 |
| | 43 | 35.6 | 12.47 | 37.1 | 13.11 | 37.9 | 13.24 | 38.7 | 13.37 | 39.3 | 13.75 | 40.1 | 13.87 | 41.7 | 14.10 | 42.5 | 14.21 |
| | 46 | 35.2 | 13.57 | 36.0 | 13.71 | 36.7 | 13.84 | 37.5 | 13.98 | 38.0 | 14.37 | 38.8 | 14.49 | 40.4 | 14.73 | 41.1 | 14.84 |
| 44.0 (110%) | 10 | 32.6 | 6.53 | 35.5 | 7.05 | 38.3 | 7.57 | 41.2 | 8.09 | 44.0 | 8.49 | 47.7 | 9.16 | 50.5 | 9.30 | 51.7 | 9.29 |
| | 15 | 32.6 | 6.71 | 35.5 | 7.25 | 38.3 | 7.79 | 41.2 | 8.32 | 44.0 | 8.74 | 47.7 | 9.44 | 50.2 | 9.48 | 51.3 | 9.48 |
| | 21 | 32.6 | 7.06 | 35.5 | 7.63 | 38.3 | 8.19 | 41.2 | 8.76 | 44.0 | 9.23 | 47.2 | 9.83 | 49.5 | 9.84 | 50.6 | 9.84 |
| | 23 | 32.6 | 7.21 | 35.5 | 7.79 | 38.3 | 8.37 | 41.2 | 8.95 | 44.0 | 9.44 | 46.9 | 9.97 | 49.2 | 9.99 | 50.1 | 10.07 |
| | 25 | 32.6 | 7.38 | 35.5 | 7.97 | 38.3 | 8.56 | 41.2 | 9.16 | 44.0 | 9.68 | 46.5 | 10.18 | 48.4 | 10.35 | 49.4 | 10.43 |
| | 27 | 32.6 | 7.56 | 35.5 | 8.17 | 38.3 | 8.78 | 41.2 | 9.39 | 44.0 | 10.04 | 45.8 | 10.54 | 47.7 | 10.72 | 48.6 | 10.80 |
| | 30 | 32.6 | 7.88 | 35.5 | 8.52 | 38.3 | 9.16 | 41.2 | 10.00 | 43.9 | 11.00 | 44.7 | 11.10 | 46.5 | 11.30 | 47.4 | 11.39 |
| | 33 | 32.6 | 8.25 | 35.5 | 8.92 | 38.3 | 9.87 | 41.2 | 11.06 | 42.7 | 11.61 | 43.5 | 11.71 | 45.3 | 11.92 | 46.1 | 12.01 |
| | 35 | 32.6 | 8.56 | 35.5 | 9.39 | 38.3 | 10.58 | 40.8 | 11.63 | 41.9 | 12.01 | 42.7 | 12.12 | 44.4 | 12.33 | 45.3 | 12.43 |
| | 37 | 32.6 | 8.91 | 35.5 | 10.06 | 38.3 | 11.35 | 40.0 | 12.03 | 41.1 | 12.42 | 41.9 | 12.53 | 43.6 | 12.74 | 44.4 | 12.85 |
| | 40 | 32.6 | 9.84 | 35.5 | 11.16 | 38.2 | 12.50 | 39.0 | 12.62 | 39.9 | 13.03 | 40.7 | 13.15 | 42.3 | 13.37 | 43.1 | 13.47 |
| | 43 | 32.6 | 10.90 | 35.5 | 12.40 | 37.1 | 13.10 | 37.8 | 13.23 | 38.7 | 13.65 | 39.4 | 13.77 | 41.0 | 13.99 | 41.8 | 14.10 |
| | 46 | 32.6 | 12.10 | 35.2 | 13.56 | 35.9 | 13.70 | 36.7 | 13.83 | 37.4 | 14.27 | 38.2 | 14.39 | 39.7 | 14.63 | 40.4 | 14.74 |
| 40.0 (100%) | 10 | 29.7 | 5.99 | 32.3 | 6.46 | 34.8 | 6.93 | 37.4 | 7.41 | 40.0 | 7.77 | 43.4 | 8.38 | 49.0 | 9.30 | 50.1 | 9.30 |
| | 15 | 29.7 | 6.15 | 32.3 | 6.64 | 34.8 | 7.13 | 37.4 | 7.61 | 40.0 | 8.00 | 43.4 | 8.63 | 48.7 | 9.48 | 49.8 | 9.48 |
| | 21 | 29.7 | 6.46 | 32.3 | 6.98 | 34.8 | 7.50 | 37.4 | 8.01 | 40.0 | 8.44 | 43.4 | 9.11 | 48.0 | 9.83 | 49.1 | 9.84 |
| | 23 | 29.7 | 6.60 | 32.3 | 7.13 | 34.8 | 7.66 | 37.4 | 8.18 | 40.0 | 8.63 | 43.4 | 9.32 | 47.7 | 9.98 | 48.8 | 9.98 |
| | 25 | 29.7 | 6.75 | 32.3 | 7.29 | 34.8 | 7.83 | 37.4 | 8.37 | 40.0 | 8.85 | 43.4 | 9.55 | 47.2 | 10.24 | 48.1 | 10.33 |
| | 27 | 29.7 | 6.92 | 32.3 | 7.48 | 34.8 | 8.03 | 37.4 | 8.59 | 40.0 | 9.08 | 43.4 | 9.82 | 46.5 | 10.61 | 47.4 | 10.69 |
| | 30 | 29.7 | 7.21 | 32.3 | 7.79 | 34.8 | 8.37 | 37.4 | 8.95 | 40.0 | 9.53 | 43.4 | 10.82 | 45.4 | 11.18 | 46.3 | 11.28 |
| | 33 | 29.7 | 7.55 | 32.3 | 8.16 | 34.8 | 8.77 | 37.4 | 9.50 | 40.0 | 10.55 | 42.6 | 11.59 | 44.2 | 11.80 | 45.1 | 11.89 |
| | 35 | 29.7 | 7.83 | 32.3 | 8.47 | 34.8 | 9.14 | 37.4 | 10.19 | 40.0 | 11.34 | 41.8 | 12.00 | 43.4 | 12.21 | 44.3 | 12.31 |
| | 37 | 29.7 | 8.15 | 32.3 | 8.81 | 34.8 | 9.78 | 37.4 | 10.92 | 40.0 | 12.17 | 41.0 | 12.41 | 42.6 | 12.62 | 43.4 | 12.73 |
| | 40 | 29.7 | 8.69 | 32.3 | 9.67 | 34.8 | 10.85 | 37.4 | 12.14 | 39.0 | 12.91 | 39.8 | 13.02 | 41.4 | 13.25 | 42.2 | 13.35 |
| | 43 | 29.7 | 9.48 | 32.3 | 10.71 | 34.8 | 12.05 | 36.8 | 13.06 | 37.9 | 13.53 | 38.6 | 13.65 | 40.2 | 13.87 | 40.9 | 13.98 |
| | 46 | 29.7 | 10.49 | 32.3 | 11.88 | 34.8 | 13.40 | 35.7 | 13.66 | 36.7 | 14.15 | 37.4 | 14.27 | 38.9 | 14.51 | 39.6 | 14.62 |

MODEL SELECTION

| Cooling capacity at rated condition: 40.0 kW (14HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 36.0 (90%) | 10 | 26.7 | 5.44 | 29.0 | 5.87 | 31.4 | 6.29 | 33.7 | 6.72 | 36.0 | 7.05 | 39.1 | 7.60 | 45.2 | 8.70 | 48.2 | 9.25 |
| | 15 | 26.7 | 5.59 | 29.0 | 6.03 | 31.4 | 6.47 | 33.7 | 6.91 | 36.0 | 7.25 | 39.1 | 7.82 | 45.2 | 8.96 | 48.0 | 9.48 |
| | 21 | 26.7 | 5.87 | 29.0 | 6.34 | 31.4 | 6.80 | 33.7 | 7.26 | 36.0 | 7.65 | 39.1 | 8.25 | 45.2 | 9.46 | 47.4 | 9.83 |
| | 23 | 26.7 | 6.00 | 29.0 | 6.47 | 31.4 | 6.94 | 33.7 | 7.42 | 36.0 | 7.82 | 39.1 | 8.44 | 45.2 | 9.67 | 47.2 | 9.97 |
| | 25 | 26.7 | 6.13 | 29.0 | 6.62 | 31.4 | 7.10 | 33.7 | 7.59 | 36.0 | 8.01 | 39.1 | 8.65 | 45.2 | 9.91 | 46.7 | 10.20 |
| | 27 | 26.7 | 6.29 | 29.0 | 6.79 | 31.4 | 7.28 | 33.7 | 7.78 | 36.0 | 8.23 | 39.1 | 8.88 | 45.2 | 10.46 | 46.1 | 10.57 |
| | 30 | 26.7 | 6.55 | 29.0 | 7.07 | 31.4 | 7.59 | 33.7 | 8.11 | 36.0 | 8.60 | 39.1 | 9.28 | 44.2 | 11.04 | 45.0 | 11.13 |
| | 33 | 26.7 | 6.85 | 29.0 | 7.40 | 31.4 | 7.94 | 33.7 | 8.49 | 36.0 | 9.02 | 39.1 | 10.15 | 43.1 | 11.65 | 43.9 | 11.75 |
| | 35 | 26.7 | 7.10 | 29.0 | 7.67 | 31.4 | 8.25 | 33.7 | 8.82 | 36.0 | 9.59 | 39.1 | 10.90 | 42.3 | 12.06 | 43.1 | 12.17 |
| | 37 | 26.7 | 7.39 | 29.0 | 7.99 | 31.4 | 8.58 | 33.7 | 9.30 | 36.0 | 10.29 | 39.1 | 11.70 | 41.5 | 12.48 | 42.3 | 12.58 |
| | 40 | 26.7 | 7.87 | 29.0 | 8.51 | 31.4 | 9.27 | 33.7 | 10.31 | 36.0 | 11.43 | 38.8 | 12.88 | 40.4 | 13.10 | 41.1 | 13.21 |
| | 43 | 26.7 | 8.43 | 29.0 | 9.19 | 31.4 | 10.27 | 33.7 | 11.43 | 36.0 | 12.72 | 37.7 | 13.50 | 39.2 | 13.73 | 39.9 | 13.84 |
| | 46 | 26.7 | 9.08 | 29.0 | 10.17 | 31.4 | 11.38 | 33.7 | 12.70 | 35.8 | 14.00 | 36.5 | 14.12 | 38.0 | 14.36 | 38.7 | 14.47 |
| 32.0 (80%) | 10 | 23.7 | 4.90 | 25.8 | 5.28 | 27.9 | 5.65 | 29.9 | 6.03 | 32.0 | 6.32 | 34.7 | 6.81 | 40.1 | 7.79 | 42.8 | 8.28 |
| | 15 | 23.7 | 5.03 | 25.8 | 5.42 | 27.9 | 5.81 | 29.9 | 6.20 | 32.0 | 6.51 | 34.7 | 7.01 | 40.1 | 8.02 | 42.8 | 8.53 |
| | 21 | 23.7 | 5.28 | 25.8 | 5.69 | 27.9 | 6.10 | 29.9 | 6.52 | 32.0 | 6.86 | 34.7 | 7.40 | 40.1 | 8.47 | 42.8 | 9.00 |
| | 23 | 23.7 | 5.39 | 25.8 | 5.81 | 27.9 | 6.23 | 29.9 | 6.65 | 32.0 | 7.01 | 34.7 | 7.56 | 40.1 | 8.66 | 42.8 | 9.21 |
| | 25 | 23.7 | 5.51 | 25.8 | 5.94 | 27.9 | 6.38 | 29.9 | 6.81 | 32.0 | 7.18 | 34.7 | 7.75 | 40.1 | 8.87 | 42.8 | 9.44 |
| | 27 | 23.7 | 5.65 | 25.8 | 6.09 | 27.9 | 6.54 | 29.9 | 6.98 | 32.0 | 7.38 | 34.7 | 7.95 | 40.1 | 9.11 | 42.8 | 9.69 |
| | 30 | 23.7 | 5.88 | 25.8 | 6.34 | 27.9 | 6.81 | 29.9 | 7.27 | 32.0 | 7.70 | 34.7 | 8.31 | 40.1 | 9.57 | 42.8 | 10.60 |
| | 33 | 23.7 | 6.15 | 25.8 | 6.63 | 27.9 | 7.12 | 29.9 | 7.61 | 32.0 | 8.08 | 34.7 | 8.72 | 40.1 | 10.60 | 42.5 | 11.58 |
| | 35 | 23.7 | 6.37 | 25.8 | 6.88 | 27.9 | 7.39 | 29.9 | 7.90 | 32.0 | 8.39 | 34.7 | 9.07 | 40.1 | 11.39 | 41.7 | 11.99 |
| | 37 | 23.7 | 6.63 | 25.8 | 7.16 | 27.9 | 7.69 | 29.9 | 8.22 | 32.0 | 8.74 | 34.7 | 9.73 | 40.1 | 12.24 | 41.0 | 12.41 |
| | 40 | 23.7 | 7.06 | 25.8 | 7.63 | 27.9 | 8.19 | 29.9 | 8.76 | 32.0 | 9.56 | 34.7 | 10.80 | 39.1 | 12.92 | 39.9 | 13.03 |
| | 43 | 23.7 | 7.56 | 25.8 | 8.17 | 27.9 | 8.78 | 29.9 | 9.60 | 32.0 | 10.60 | 34.7 | 12.01 | 38.0 | 13.55 | 38.7 | 13.66 |
| | 46 | 23.7 | 8.13 | 25.8 | 8.79 | 27.9 | 9.59 | 29.9 | 10.63 | 32.0 | 11.77 | 34.7 | 13.36 | 36.9 | 14.18 | 37.6 | 14.30 |
| 28.0 (70%) | 10 | 20.8 | 4.35 | 22.6 | 4.68 | 24.4 | 5.02 | 26.2 | 5.35 | 28.0 | 5.60 | 30.4 | 6.03 | 35.1 | 6.89 | 37.5 | 7.32 |
| | 15 | 20.8 | 4.47 | 22.6 | 4.81 | 24.4 | 5.15 | 26.2 | 5.49 | 28.0 | 5.76 | 30.4 | 6.20 | 35.1 | 7.09 | 37.5 | 7.53 |
| | 21 | 20.8 | 4.69 | 22.6 | 5.05 | 24.4 | 5.41 | 26.2 | 5.77 | 28.0 | 6.07 | 30.4 | 6.54 | 35.1 | 7.48 | 37.5 | 7.95 |
| | 23 | 20.8 | 4.78 | 22.6 | 5.15 | 24.4 | 5.52 | 26.2 | 5.89 | 28.0 | 6.20 | 30.4 | 6.68 | 35.1 | 7.64 | 37.5 | 8.12 |
| | 25 | 20.8 | 4.89 | 22.6 | 5.27 | 24.4 | 5.65 | 26.2 | 6.02 | 28.0 | 6.35 | 30.4 | 6.85 | 35.1 | 7.83 | 37.5 | 8.32 |
| | 27 | 20.8 | 5.01 | 22.6 | 5.40 | 24.4 | 5.79 | 26.2 | 6.17 | 28.0 | 6.52 | 30.4 | 7.03 | 35.1 | 8.04 | 37.5 | 8.55 |
| | 30 | 20.8 | 5.21 | 22.6 | 5.62 | 24.4 | 6.02 | 26.2 | 6.43 | 28.0 | 6.81 | 30.4 | 7.34 | 35.1 | 8.40 | 37.5 | 8.93 |
| | 33 | 20.8 | 5.44 | 22.6 | 5.87 | 24.4 | 6.30 | 26.2 | 6.72 | 28.0 | 7.14 | 30.4 | 7.70 | 35.1 | 8.81 | 37.5 | 9.51 |
| | 35 | 20.8 | 5.65 | 22.6 | 6.09 | 24.4 | 6.53 | 26.2 | 6.98 | 28.0 | 7.41 | 30.4 | 7.99 | 35.1 | 9.23 | 37.5 | 10.21 |
| | 37 | 20.8 | 5.87 | 22.6 | 6.33 | 24.4 | 6.79 | 26.2 | 7.26 | 28.0 | 7.72 | 30.4 | 8.32 | 35.1 | 9.90 | 37.5 | 10.96 |
| | 40 | 20.8 | 6.24 | 22.6 | 6.74 | 24.4 | 7.24 | 26.2 | 7.73 | 28.0 | 8.23 | 30.4 | 8.88 | 35.1 | 11.00 | 37.5 | 12.20 |
| | 43 | 20.8 | 6.68 | 22.6 | 7.21 | 24.4 | 7.75 | 26.2 | 8.28 | 28.0 | 8.82 | 30.4 | 9.82 | 35.1 | 12.23 | 37.3 | 13.44 |
| | 46 | 20.8 | 7.18 | 22.6 | 7.76 | 24.4 | 8.33 | 26.2 | 8.91 | 28.0 | 9.68 | 30.4 | 10.88 | 35.1 | 13.62 | 36.2 | 14.08 |
| 24.0 (60%) | 10 | 17.8 | 3.81 | 19.4 | 4.09 | 20.9 | 4.38 | 22.5 | 4.66 | 24.0 | 4.88 | 26.0 | 5.24 | 30.1 | 5.98 | 32.1 | 6.35 |
| | 15 | 17.8 | 3.91 | 19.4 | 4.20 | 20.9 | 4.49 | 22.5 | 4.78 | 24.0 | 5.02 | 26.0 | 5.39 | 30.1 | 6.15 | 32.1 | 6.53 |
| | 21 | 17.8 | 4.10 | 19.4 | 4.40 | 20.9 | 4.71 | 22.5 | 5.02 | 24.0 | 5.28 | 26.0 | 5.68 | 30.1 | 6.48 | 32.1 | 6.89 |
| | 23 | 17.8 | 4.18 | 19.4 | 4.49 | 20.9 | 4.81 | 22.5 | 5.13 | 24.0 | 5.39 | 26.0 | 5.81 | 30.1 | 6.63 | 32.1 | 7.04 |
| | 25 | 17.8 | 4.27 | 19.4 | 4.59 | 20.9 | 4.92 | 22.5 | 5.24 | 24.0 | 5.52 | 26.0 | 5.95 | 30.1 | 6.79 | 32.1 | 7.21 |
| | 27 | 17.8 | 4.37 | 19.4 | 4.70 | 20.9 | 5.04 | 22.5 | 5.37 | 24.0 | 5.67 | 26.0 | 6.10 | 30.1 | 6.97 | 32.1 | 7.40 |
| | 30 | 17.8 | 4.54 | 19.4 | 4.89 | 20.9 | 5.24 | 22.5 | 5.59 | 24.0 | 5.91 | 26.0 | 6.37 | 30.1 | 7.28 | 32.1 | 7.73 |
| | 33 | 17.8 | 4.74 | 19.4 | 5.11 | 20.9 | 5.48 | 22.5 | 5.84 | 24.0 | 6.19 | 26.0 | 6.67 | 30.1 | 7.63 | 32.1 | 8.11 |
| | 35 | 17.8 | 4.92 | 19.4 | 5.30 | 20.9 | 5.68 | 22.5 | 6.06 | 24.0 | 6.43 | 26.0 | 6.93 | 30.1 | 7.93 | 32.1 | 8.43 |
| | 37 | 17.8 | 5.11 | 19.4 | 5.50 | 20.9 | 5.90 | 22.5 | 6.30 | 24.0 | 6.69 | 26.0 | 7.21 | 30.1 | 8.25 | 32.1 | 8.78 |
| | 40 | 17.8 | 5.43 | 19.4 | 5.85 | 20.9 | 6.28 | 22.5 | 6.70 | 24.0 | 7.13 | 26.0 | 7.69 | 30.1 | 8.81 | 32.1 | 9.62 |
| | 43 | 17.8 | 5.80 | 19.4 | 6.26 | 20.9 | 6.72 | 22.5 | 7.17 | 24.0 | 7.64 | 26.0 | 8.24 | 30.1 | 9.69 | 32.1 | 10.67 |
| | 46 | 17.8 | 6.23 | 19.4 | 6.73 | 20.9 | 7.22 | 22.5 | 7.72 | 24.0 | 8.23 | 26.0 | 8.88 | 30.1 | 10.74 | 32.1 | 11.85 |
| 20.0 (50%) | 10 | 14.8 | 3.26 | 16.1 | 3.50 | 17.4 | 3.74 | 18.7 | 3.97 | 20.0 | 4.15 | 21.7 | 4.46 | 25.1 | 5.07 | 26.8 | 5.38 |
| | 15 | 14.8 | 3.35 | 16.1 | 3.59 | 17.4 | 3.83 | 18.7 | 4.08 | 20.0 | 4.27 | 21.7 | 4.59 | 25.1 | 5.22 | 26.8 | 5.53 |
| | 21 | 14.8 | 3.50 | 16.1 | 3.76 | 17.4 | 4.02 | 18.7 | 4.28 | 20.0 | 4.49 | 21.7 | 4.82 | 25.1 | 5.49 | 26.8 | 5.83 |
| | 23 | 14.8 | 3.57 | 16.1 | 3.83 | 17.4 | 4.10 | 18.7 | 4.36 | 20.0 | 4.59 | 21.7 | 4.93 | 25.1 | 5.61 | 26.8 | 5.96 |
| | 25 | 14.8 | 3.65 | 16.1 | 3.92 | 17.4 | 4.19 | 18.7 | 4.46 | 20.0 | 4.69 | 21.7 | 5.04 | 25.1 | 5.75 | 26.8 | 6.10 |
| | 27 | 14.8 | 3.73 | 16.1 | 4.01 | 17.4 | 4.29 | 18.7 | 4.56 | 20.0 | 4.81 | 21.7 | 5.17 | 25.1 | 5.90 | 26.8 | 6.26 |
| | 30 | 14.8 | 3.88 | 16.1 | 4.17 | 17.4 | 4.46 | 18.7 | 4.75 | 20.0 | 5.02 | 21.7 | 5.40 | 25.1 | 6.15 | 26.8 | 6.53 |
| | 33 | 14.8 | 4.04 | 16.1 | 4.35 | 17.4 | 4.65 | 18.7 | 4.96 | 20.0 | 5.25 | 21.7 | 5.65 | 25.1 | 6.45 | 26.8 | 6.85 |
| | 35 | 14.8 | 4.19 | 16.1 | 4.50 | 17.4 | 4.82 | 18.7 | 5.14 | 20.0 | 5.45 | 21.7 | 5.86 | 25.1 | 6.70 | 26.8 | 7.11 |
| | 37 | 14.8 | 4.35 | 16.1 | 4.68 | 17.4 | 5.01 | 18.7 | 5.34 | 20.0 | 5.67 | 21.7 | 6.10 | 25.1 | 6.97 | 26.8 | 7.40 |
| | 40 | 14.8 | 4.61 | 16.1 | 4.97 | 17.4 | 5.32 | 18.7 | 5.68 | 20.0 | 6.03 | 21.7 | 6.50 | 25.1 | 7.43 | 26.8 | 7.90 |
| | 43 | 14.8 | 4.92 | 16.1 | 5.31 | 17.4 | 5.69 | 18.7 | 6.07 | 20.0 | 6.46 | 21.7 | 6.96 | 25.1 | 7.96 | 26.8 | 8.46 |
| | 46 | 14.8 | 5.28 | 16.1 | 5.69 | 17.4 | 6.11 | 18.7 | 6.52 | 20.0 | 6.94 | 21.7 | 7.49 | 25.1 | 8.57 | 26.8 | 9.12 |

# ■ Model: AJ∗144GALDH

| Cooling capacity at rated condition: 45.0 kW (16HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 67.5 (150%) | 10 | 47.2 | 10.24 | 48.5 | 10.25 | 49.7 | 10.26 | 51.0 | 10.27 | 52.8 | 10.56 | 54.2 | 10.55 | 56.8 | 10.52 | 58.2 | 10.50 |
| | 15 | 46.9 | 10.43 | 48.1 | 10.45 | 49.3 | 10.46 | 50.6 | 10.47 | 52.4 | 10.78 | 53.7 | 10.77 | 56.3 | 10.74 | 57.7 | 10.73 |
| | 21 | 46.3 | 10.80 | 47.5 | 10.82 | 48.7 | 10.84 | 49.9 | 10.86 | 51.6 | 11.19 | 52.8 | 11.19 | 55.4 | 11.17 | 56.7 | 11.15 |
| | 23 | 46.0 | 10.96 | 47.2 | 10.98 | 48.4 | 11.00 | 49.6 | 11.02 | 51.2 | 11.36 | 52.5 | 11.36 | 55.0 | 11.34 | 56.3 | 11.33 |
| | 25 | 45.7 | 11.13 | 46.9 | 11.15 | 48.1 | 11.17 | 49.2 | 11.19 | 50.8 | 11.55 | 52.1 | 11.55 | 54.4 | 11.63 | 55.5 | 11.71 |
| | 27 | 45.4 | 11.32 | 46.5 | 11.34 | 47.7 | 11.37 | 48.9 | 11.39 | 50.3 | 11.81 | 51.4 | 11.89 | 53.5 | 12.06 | 54.5 | 12.14 |
| | 30 | 44.8 | 11.63 | 45.9 | 11.70 | 46.9 | 11.81 | 47.9 | 11.91 | 49.0 | 12.45 | 50.0 | 12.54 | 52.0 | 12.73 | 53.0 | 12.82 |
| | 33 | 43.7 | 12.21 | 44.7 | 12.33 | 45.7 | 12.44 | 46.6 | 12.56 | 47.6 | 13.15 | 48.6 | 13.25 | 50.5 | 13.45 | 51.5 | 13.54 |
| | 35 | 42.9 | 12.65 | 43.9 | 12.77 | 44.8 | 12.89 | 45.8 | 13.01 | 46.7 | 13.62 | 47.6 | 13.73 | 49.5 | 13.93 | 50.5 | 14.03 |
| | 37 | 42.1 | 13.09 | 43.0 | 13.22 | 44.0 | 13.34 | 44.9 | 13.46 | 45.7 | 14.10 | 46.7 | 14.21 | 48.5 | 14.42 | 49.5 | 14.52 |
| | 40 | 40.8 | 13.76 | 41.7 | 13.89 | 42.7 | 14.01 | 43.6 | 14.14 | 44.3 | 14.82 | 45.2 | 14.93 | 47.0 | 15.15 | 47.9 | 15.25 |
| | 43 | 39.6 | 14.43 | 40.4 | 14.56 | 41.3 | 14.70 | 42.2 | 14.83 | 42.8 | 15.54 | 43.7 | 15.66 | 45.5 | 15.88 | 46.4 | 15.99 |
| | 46 | 38.3 | 15.10 | 39.1 | 15.24 | 40.0 | 15.38 | 40.8 | 15.52 | 41.4 | 16.26 | 42.2 | 16.39 | 44.0 | 16.62 | 44.8 | 16.73 |
| 63.0 (140%) | 10 | 46.7 | 10.35 | 48.2 | 10.42 | 49.4 | 10.44 | 50.6 | 10.45 | 52.5 | 10.70 | 53.8 | 10.69 | 56.4 | 10.66 | 57.8 | 10.65 |
| | 15 | 46.6 | 10.61 | 47.8 | 10.62 | 49.0 | 10.64 | 50.2 | 10.65 | 52.1 | 10.92 | 53.4 | 10.91 | 56.0 | 10.89 | 57.3 | 10.87 |
| | 21 | 46.0 | 10.98 | 47.2 | 11.00 | 48.4 | 11.02 | 49.6 | 11.04 | 51.3 | 11.33 | 52.5 | 11.33 | 55.1 | 11.31 | 56.4 | 11.30 |
| | 23 | 45.7 | 11.13 | 46.9 | 11.16 | 48.1 | 11.18 | 49.3 | 11.20 | 50.9 | 11.50 | 52.2 | 11.50 | 54.7 | 11.49 | 56.0 | 11.48 |
| | 25 | 45.4 | 11.31 | 46.6 | 11.33 | 47.8 | 11.36 | 49.0 | 11.38 | 50.6 | 11.70 | 51.8 | 11.70 | 54.1 | 11.77 | 55.2 | 11.85 |
| | 27 | 45.1 | 11.50 | 46.3 | 11.53 | 47.4 | 11.55 | 48.6 | 11.58 | 50.1 | 11.94 | 51.1 | 12.03 | 53.2 | 12.20 | 54.2 | 12.28 |
| | 30 | 44.6 | 11.81 | 45.6 | 11.89 | 46.7 | 11.99 | 47.7 | 12.10 | 48.8 | 12.59 | 49.8 | 12.68 | 51.8 | 12.87 | 52.8 | 12.97 |
| | 33 | 43.6 | 12.40 | 44.5 | 12.52 | 45.5 | 12.64 | 46.4 | 12.76 | 47.4 | 13.29 | 48.4 | 13.40 | 50.3 | 13.61 | 51.3 | 13.70 |
| | 35 | 42.8 | 12.84 | 43.7 | 12.97 | 44.6 | 13.09 | 45.6 | 13.22 | 46.5 | 13.78 | 47.4 | 13.89 | 49.4 | 14.10 | 50.3 | 14.20 |
| | 37 | 41.9 | 13.29 | 42.9 | 13.42 | 43.8 | 13.55 | 44.7 | 13.67 | 45.6 | 14.26 | 46.5 | 14.37 | 48.4 | 14.59 | 49.3 | 14.69 |
| | 40 | 40.7 | 13.97 | 41.6 | 14.10 | 42.5 | 14.24 | 43.4 | 14.37 | 44.1 | 14.98 | 45.1 | 15.10 | 46.9 | 15.33 | 47.8 | 15.43 |
| | 43 | 39.4 | 14.65 | 40.3 | 14.79 | 41.2 | 14.93 | 42.1 | 15.06 | 42.7 | 15.71 | 43.6 | 15.84 | 45.4 | 16.07 | 46.2 | 16.18 |
| | 46 | 38.2 | 15.34 | 39.0 | 15.48 | 39.9 | 15.63 | 40.7 | 15.77 | 41.3 | 16.45 | 42.1 | 16.57 | 43.8 | 16.81 | 44.7 | 16.93 |
| 58.5 (130%) | 10 | 43.4 | 9.65 | 47.2 | 10.44 | 49.0 | 10.64 | 50.2 | 10.65 | 52.1 | 10.86 | 53.4 | 10.86 | 56.0 | 10.84 | 57.3 | 10.82 |
| | 15 | 43.4 | 9.92 | 47.2 | 10.74 | 48.7 | 10.84 | 49.9 | 10.86 | 51.7 | 11.09 | 53.0 | 11.08 | 55.6 | 11.07 | 56.9 | 11.05 |
| | 21 | 43.4 | 10.45 | 46.8 | 11.20 | 48.0 | 11.23 | 49.2 | 11.25 | 51.0 | 11.50 | 52.2 | 11.50 | 54.7 | 11.49 | 56.0 | 11.49 |
| | 23 | 43.4 | 10.68 | 46.6 | 11.36 | 47.8 | 11.39 | 48.9 | 11.41 | 50.6 | 11.68 | 51.9 | 11.68 | 54.4 | 11.67 | 55.6 | 11.67 |
| | 25 | 43.4 | 10.93 | 46.3 | 11.54 | 47.5 | 11.57 | 48.6 | 11.59 | 50.3 | 11.87 | 51.5 | 11.87 | 53.8 | 11.94 | 54.9 | 12.03 |
| | 27 | 43.4 | 11.22 | 46.0 | 11.74 | 47.1 | 11.77 | 48.3 | 11.79 | 49.8 | 12.11 | 50.9 | 12.20 | 52.9 | 12.38 | 54.0 | 12.47 |
| | 30 | 43.4 | 11.70 | 45.4 | 12.10 | 46.4 | 12.21 | 47.4 | 12.32 | 48.6 | 12.76 | 49.6 | 12.86 | 51.5 | 13.06 | 52.5 | 13.16 |
| | 33 | 43.3 | 12.61 | 44.3 | 12.74 | 45.2 | 12.86 | 46.2 | 12.99 | 47.2 | 13.48 | 48.2 | 13.59 | 50.1 | 13.81 | 51.1 | 13.91 |
| | 35 | 42.5 | 13.07 | 43.5 | 13.20 | 44.4 | 13.33 | 45.4 | 13.45 | 46.3 | 13.97 | 47.3 | 14.08 | 49.2 | 14.30 | 50.1 | 14.41 |
| | 37 | 41.8 | 13.52 | 42.7 | 13.66 | 43.6 | 13.79 | 44.5 | 13.92 | 45.4 | 14.46 | 46.3 | 14.57 | 48.2 | 14.80 | 49.1 | 14.91 |
| | 40 | 40.5 | 14.21 | 41.4 | 14.35 | 42.3 | 14.49 | 43.2 | 14.63 | 44.0 | 15.19 | 44.9 | 15.32 | 46.7 | 15.55 | 47.6 | 15.66 |
| | 43 | 39.3 | 14.91 | 40.2 | 15.06 | 41.0 | 15.20 | 41.9 | 15.34 | 42.6 | 15.93 | 43.5 | 16.06 | 45.2 | 16.30 | 46.1 | 16.42 |
| | 46 | 38.0 | 15.61 | 38.9 | 15.76 | 39.7 | 15.91 | 40.6 | 16.06 | 41.2 | 16.68 | 42.0 | 16.81 | 43.7 | 17.06 | 44.6 | 17.18 |
| 54.0 (120%) | 10 | 40.1 | 8.95 | 43.6 | 9.68 | 47.0 | 10.41 | 49.8 | 10.92 | 51.8 | 11.07 | 53.1 | 11.07 | 55.6 | 11.06 | 56.9 | 11.05 |
| | 15 | 40.1 | 9.20 | 43.5 | 9.95 | 47.0 | 10.71 | 49.5 | 11.13 | 51.4 | 11.29 | 52.6 | 11.29 | 55.2 | 11.29 | 56.5 | 11.28 |
| | 21 | 40.1 | 9.69 | 43.5 | 10.48 | 47.0 | 11.28 | 48.9 | 11.52 | 50.7 | 11.71 | 51.9 | 11.72 | 54.4 | 11.72 | 55.6 | 11.71 |
| | 23 | 40.1 | 9.90 | 43.5 | 10.71 | 47.0 | 11.52 | 48.6 | 11.69 | 50.3 | 11.89 | 51.6 | 11.90 | 54.0 | 11.90 | 55.3 | 11.90 |
| | 25 | 40.1 | 10.13 | 43.5 | 10.97 | 47.0 | 11.80 | 48.3 | 11.87 | 50.0 | 12.08 | 51.2 | 12.09 | 53.5 | 12.16 | 54.6 | 12.25 |
| | 27 | 40.1 | 10.39 | 43.5 | 11.25 | 46.8 | 12.04 | 48.0 | 12.07 | 49.6 | 12.33 | 50.6 | 12.42 | 52.6 | 12.61 | 53.7 | 12.70 |
| | 30 | 40.1 | 10.84 | 43.5 | 11.74 | 46.1 | 12.49 | 47.1 | 12.60 | 48.3 | 12.99 | 49.3 | 13.09 | 51.3 | 13.30 | 52.3 | 13.41 |
| | 33 | 40.1 | 11.36 | 43.5 | 12.72 | 45.0 | 13.16 | 46.0 | 13.29 | 47.0 | 13.72 | 48.0 | 13.83 | 49.9 | 14.06 | 50.9 | 14.17 |
| | 35 | 40.1 | 11.98 | 43.3 | 13.50 | 44.2 | 13.63 | 45.1 | 13.77 | 46.1 | 14.21 | 47.1 | 14.33 | 49.0 | 14.56 | 49.9 | 14.67 |
| | 37 | 40.1 | 12.86 | 42.5 | 13.97 | 43.4 | 14.11 | 44.3 | 14.25 | 45.2 | 14.71 | 46.2 | 14.83 | 48.0 | 15.07 | 48.9 | 15.18 |
| | 40 | 40.1 | 14.31 | 41.3 | 14.68 | 42.2 | 14.83 | 43.1 | 14.97 | 43.9 | 15.46 | 44.8 | 15.59 | 46.6 | 15.83 | 47.5 | 15.95 |
| | 43 | 39.2 | 15.25 | 40.0 | 15.40 | 40.9 | 15.55 | 41.8 | 15.70 | 42.5 | 16.22 | 43.3 | 16.35 | 45.1 | 16.60 | 46.0 | 16.72 |
| | 46 | 38.0 | 15.97 | 38.8 | 16.13 | 39.6 | 16.28 | 40.5 | 16.44 | 41.1 | 16.97 | 41.9 | 17.11 | 43.6 | 17.37 | 44.5 | 17.50 |
| 49.5 (110%) | 10 | 36.7 | 8.25 | 39.9 | 8.92 | 43.1 | 9.59 | 46.3 | 10.26 | 49.5 | 10.77 | 52.5 | 11.30 | 55.0 | 11.29 | 56.3 | 11.29 |
| | 15 | 36.7 | 8.48 | 39.9 | 9.17 | 43.1 | 9.86 | 46.3 | 10.55 | 49.5 | 11.09 | 52.1 | 11.52 | 54.6 | 11.53 | 55.9 | 11.52 |
| | 21 | 36.7 | 8.92 | 39.9 | 9.65 | 43.1 | 10.38 | 46.3 | 11.11 | 49.5 | 11.72 | 51.4 | 11.95 | 53.9 | 11.96 | 55.1 | 11.96 |
| | 23 | 36.7 | 9.12 | 39.9 | 9.86 | 43.1 | 10.61 | 46.3 | 11.35 | 49.5 | 11.99 | 51.1 | 12.13 | 53.5 | 12.14 | 54.7 | 12.15 |
| | 25 | 36.7 | 9.33 | 39.9 | 10.10 | 43.1 | 10.86 | 46.3 | 11.63 | 49.5 | 12.29 | 50.8 | 12.33 | 53.1 | 12.39 | 54.1 | 12.49 |
| | 27 | 36.7 | 9.57 | 39.9 | 10.36 | 43.1 | 11.14 | 46.3 | 11.93 | 49.2 | 12.55 | 50.2 | 12.65 | 52.2 | 12.85 | 53.3 | 12.95 |
| | 30 | 36.7 | 9.98 | 39.9 | 10.80 | 43.1 | 11.63 | 46.3 | 12.67 | 48.0 | 13.22 | 49.0 | 13.33 | 51.0 | 13.55 | 51.9 | 13.66 |
| | 33 | 36.7 | 10.46 | 39.9 | 11.32 | 43.1 | 12.52 | 45.8 | 13.72 | 46.7 | 13.97 | 47.7 | 14.09 | 49.6 | 14.32 | 50.5 | 14.44 |
| | 35 | 36.7 | 10.86 | 39.9 | 11.91 | 43.1 | 13.45 | 45.0 | 14.21 | 45.9 | 14.47 | 46.8 | 14.60 | 48.7 | 14.84 | 49.6 | 14.95 |
| | 37 | 36.7 | 11.31 | 39.9 | 12.79 | 43.1 | 14.45 | 44.2 | 14.71 | 45.0 | 14.98 | 45.9 | 15.11 | 47.7 | 15.35 | 48.6 | 15.47 |
| | 40 | 36.7 | 12.51 | 39.9 | 14.22 | 42.1 | 15.31 | 43.0 | 15.46 | 43.6 | 15.74 | 44.5 | 15.88 | 46.3 | 16.13 | 47.2 | 16.26 |
| | 43 | 36.7 | 13.90 | 39.9 | 15.85 | 40.8 | 16.06 | 41.7 | 16.21 | 42.3 | 16.51 | 43.1 | 16.65 | 44.9 | 16.92 | 45.7 | 17.04 |
| | 46 | 36.7 | 15.47 | 38.7 | 16.65 | 39.6 | 16.81 | 40.4 | 16.98 | 40.9 | 17.29 | 41.7 | 17.43 | 43.4 | 17.70 | 44.3 | 17.83 |
| 45.0 (100%) | 10 | 33.4 | 7.55 | 36.3 | 8.16 | 39.2 | 8.76 | 42.1 | 9.37 | 45.0 | 9.84 | 48.8 | 10.63 | 54.5 | 11.61 | 55.7 | 11.61 |
| | 15 | 33.4 | 7.76 | 36.3 | 8.38 | 39.2 | 9.01 | 42.1 | 9.64 | 45.0 | 10.13 | 48.8 | 10.95 | 54.1 | 11.85 | 55.3 | 11.85 |
| | 21 | 33.4 | 8.16 | 36.3 | 8.82 | 39.2 | 9.49 | 42.1 | 10.15 | 45.0 | 10.70 | 48.8 | 11.56 | 53.4 | 12.29 | 54.6 | 12.29 |
| | 23 | 33.4 | 8.34 | 36.3 | 9.02 | 39.2 | 9.69 | 42.1 | 10.37 | 45.0 | 10.95 | 48.8 | 11.83 | 53.1 | 12.47 | 54.3 | 12.48 |
| | 25 | 33.4 | 8.53 | 36.3 | 9.23 | 39.2 | 9.92 | 42.1 | 10.62 | 45.0 | 11.22 | 48.8 | 12.13 | 52.7 | 12.72 | 53.7 | 12.82 |
| | 27 | 33.4 | 8.75 | 36.3 | 9.47 | 39.2 | 10.18 | 42.1 | 10.89 | 45.0 | 11.53 | 48.8 | 12.46 | 51.9 | 13.19 | 52.9 | 13.29 |
| | 30 | 33.4 | 9.12 | 36.3 | 9.87 | 39.2 | 10.62 | 42.1 | 11.36 | 45.0 | 12.07 | 48.7 | 13.67 | 50.6 | 13.91 | 51.6 | 14.02 |
| | 33 | 33.4 | 9.55 | 36.3 | 10.34 | 39.2 | 11.12 | 42.1 | 12.05 | 45.0 | 13.39 | 47.4 | 14.44 | 49.3 | 14.69 | 50.2 | 14.82 |
| | 35 | 33.4 | 9.92 | 36.3 | 10.74 | 39.2 | 11.58 | 42.1 | 12.95 | 45.0 | 14.42 | 46.5 | 14.97 | 48.4 | 15.22 | 49.3 | 15.35 |
| | 37 | 33.4 | 10.33 | 36.3 | 11.18 | 39.2 | 12.43 | 42.1 | 13.91 | 44.8 | 15.35 | 45.7 | 15.49 | 47.5 | 15.75 | 48.4 | 15.88 |
| | 40 | 33.4 | 11.02 | 36.3 | 12.29 | 39.2 | 13.82 | 42.1 | 15.49 | 43.4 | 16.14 | 44.3 | 16.28 | 46.1 | 16.55 | 47.0 | 16.69 |
| | 43 | 33.4 | 12.06 | 36.3 | 13.65 | 39.2 | 15.39 | 41.0 | 16.30 | 42.1 | 16.93 | 43.0 | 17.08 | 44.7 | 17.36 | 45.6 | 17.49 |
| | 46 | 33.4 | 13.38 | 36.3 | 15.19 | 38.9 | 16.91 | 39.7 | 17.08 | 40.8 | 17.72 | 41.6 | 17.88 | 43.3 | 18.17 | 44.1 | 18.31 |

MODEL SELECTION

| Cooling capacity at rated condition: 45.0 kW (16HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 40.5 (90%) | 10 | 30.0 | 6.84 | 32.7 | 7.39 | 35.3 | 7.94 | 37.9 | 8.49 | 40.5 | 8.91 | 43.9 | 9.62 | 50.8 | 11.04 | 53.8 | 11.61 |
| | 15 | 30.0 | 7.03 | 32.7 | 7.60 | 35.3 | 8.16 | 37.9 | 8.73 | 40.5 | 9.18 | 43.9 | 9.91 | 50.8 | 11.37 | 53.4 | 11.84 |
| | 21 | 30.0 | 7.40 | 32.7 | 8.00 | 35.3 | 8.59 | 37.9 | 9.19 | 40.5 | 9.69 | 43.9 | 10.46 | 50.8 | 12.01 | 52.7 | 12.28 |
| | 23 | 30.0 | 7.56 | 32.7 | 8.17 | 35.3 | 8.78 | 37.9 | 9.39 | 40.5 | 9.91 | 43.9 | 10.70 | 50.8 | 12.29 | 52.4 | 12.47 |
| | 25 | 30.0 | 7.73 | 32.7 | 8.36 | 35.3 | 8.99 | 37.9 | 9.61 | 40.5 | 10.16 | 43.9 | 10.97 | 50.8 | 12.60 | 52.1 | 12.67 |
| | 27 | 30.0 | 7.93 | 32.7 | 8.57 | 35.3 | 9.22 | 37.9 | 9.86 | 40.5 | 10.43 | 43.9 | 11.27 | 50.4 | 13.03 | 51.4 | 13.13 |
| | 30 | 30.0 | 8.26 | 32.7 | 8.94 | 35.3 | 9.61 | 37.9 | 10.28 | 40.5 | 10.90 | 43.9 | 11.78 | 49.2 | 13.74 | 50.2 | 13.85 |
| | 33 | 30.0 | 8.65 | 32.7 | 9.36 | 35.3 | 10.06 | 37.9 | 10.77 | 40.5 | 11.45 | 43.9 | 12.88 | 48.0 | 14.52 | 48.9 | 14.64 |
| | 35 | 30.0 | 8.98 | 32.7 | 9.72 | 35.3 | 10.45 | 37.9 | 11.19 | 40.5 | 12.17 | 43.9 | 13.86 | 47.1 | 15.05 | 48.0 | 15.17 |
| | 37 | 30.0 | 9.35 | 32.7 | 10.12 | 35.3 | 10.88 | 37.9 | 11.80 | 40.5 | 13.08 | 43.9 | 14.91 | 46.3 | 15.58 | 47.1 | 15.71 |
| | 40 | 30.0 | 9.97 | 32.7 | 10.79 | 35.3 | 11.78 | 37.9 | 13.12 | 40.5 | 14.58 | 43.2 | 16.10 | 44.9 | 16.38 | 45.8 | 16.51 |
| | 43 | 30.0 | 10.69 | 32.7 | 11.68 | 35.3 | 13.07 | 37.9 | 14.59 | 40.5 | 16.27 | 41.9 | 16.90 | 43.6 | 17.18 | 44.4 | 17.32 |
| | 46 | 30.0 | 11.52 | 32.7 | 12.95 | 35.3 | 14.54 | 37.9 | 16.26 | 39.8 | 17.54 | 40.6 | 17.70 | 42.2 | 17.99 | 43.0 | 18.13 |
| 36.0 (80%) | 10 | 26.7 | 6.14 | 29.0 | 6.63 | 31.4 | 7.12 | 33.7 | 7.61 | 36.0 | 7.98 | 39.0 | 8.61 | 45.2 | 9.87 | 48.2 | 10.50 |
| | 15 | 26.7 | 6.31 | 29.0 | 6.82 | 31.4 | 7.32 | 33.7 | 7.82 | 36.0 | 8.22 | 39.0 | 8.87 | 45.2 | 10.17 | 48.2 | 10.82 |
| | 21 | 26.7 | 6.64 | 29.0 | 7.17 | 31.4 | 7.70 | 33.7 | 8.23 | 36.0 | 8.67 | 39.0 | 9.36 | 45.2 | 10.74 | 48.2 | 11.43 |
| | 23 | 26.7 | 6.78 | 29.0 | 7.32 | 31.4 | 7.86 | 33.7 | 8.41 | 36.0 | 8.87 | 39.0 | 9.57 | 45.2 | 10.98 | 48.2 | 11.69 |
| | 25 | 26.7 | 6.93 | 29.0 | 7.49 | 31.4 | 8.05 | 33.7 | 8.60 | 36.0 | 9.09 | 39.0 | 9.81 | 45.2 | 11.26 | 48.2 | 11.98 |
| | 27 | 26.7 | 7.11 | 29.0 | 7.68 | 31.4 | 8.25 | 33.7 | 8.82 | 36.0 | 9.33 | 39.0 | 10.08 | 45.2 | 11.57 | 48.2 | 12.31 |
| | 30 | 26.7 | 7.41 | 29.0 | 8.00 | 31.4 | 8.60 | 33.7 | 9.20 | 36.0 | 9.75 | 39.0 | 10.53 | 45.2 | 12.13 | 48.2 | 13.46 |
| | 33 | 26.7 | 7.75 | 29.0 | 8.38 | 31.4 | 9.01 | 33.7 | 9.63 | 36.0 | 10.24 | 39.0 | 11.06 | 45.2 | 13.47 | 47.3 | 14.43 |
| | 35 | 26.7 | 8.05 | 29.0 | 8.70 | 31.4 | 9.35 | 33.7 | 10.00 | 36.0 | 10.64 | 39.0 | 11.50 | 45.2 | 14.50 | 46.5 | 14.96 |
| | 37 | 26.7 | 8.37 | 29.0 | 9.05 | 31.4 | 9.73 | 33.7 | 10.42 | 36.0 | 11.09 | 39.0 | 12.36 | 44.8 | 15.36 | 45.7 | 15.49 |
| | 40 | 26.7 | 8.93 | 29.0 | 9.66 | 31.4 | 10.38 | 33.7 | 11.11 | 36.0 | 12.15 | 39.0 | 13.76 | 43.6 | 16.16 | 44.4 | 16.29 |
| | 43 | 26.7 | 9.56 | 29.0 | 10.35 | 31.4 | 11.13 | 33.7 | 12.21 | 36.0 | 13.51 | 39.0 | 15.34 | 42.3 | 16.96 | 43.1 | 17.10 |
| | 46 | 26.7 | 10.30 | 29.0 | 11.15 | 31.4 | 12.21 | 33.7 | 13.56 | 36.0 | 15.04 | 39.0 | 17.13 | 41.0 | 17.77 | 41.8 | 17.91 |
| 31.5 (70%) | 10 | 23.4 | 5.44 | 25.4 | 5.87 | 27.4 | 6.30 | 29.5 | 6.72 | 31.5 | 7.05 | 34.2 | 7.60 | 39.5 | 8.70 | 42.2 | 9.26 |
| | 15 | 23.4 | 5.59 | 25.4 | 6.03 | 27.4 | 6.47 | 29.5 | 6.91 | 31.5 | 7.26 | 34.2 | 7.83 | 39.5 | 8.96 | 42.2 | 9.53 |
| | 21 | 23.4 | 5.88 | 25.4 | 6.34 | 27.4 | 6.80 | 29.5 | 7.27 | 31.5 | 7.65 | 34.2 | 8.26 | 39.5 | 9.46 | 42.2 | 10.07 |
| | 23 | 23.4 | 6.00 | 25.4 | 6.47 | 27.4 | 6.95 | 29.5 | 7.42 | 31.5 | 7.83 | 34.2 | 8.44 | 39.5 | 9.68 | 42.2 | 10.30 |
| | 25 | 23.4 | 6.14 | 25.4 | 6.62 | 27.4 | 7.11 | 29.5 | 7.59 | 31.5 | 8.02 | 34.2 | 8.65 | 39.5 | 9.92 | 42.2 | 10.55 |
| | 27 | 23.4 | 6.29 | 25.4 | 6.79 | 27.4 | 7.29 | 29.5 | 7.79 | 31.5 | 8.23 | 34.2 | 8.89 | 39.5 | 10.19 | 42.2 | 10.84 |
| | 30 | 23.4 | 6.55 | 25.4 | 7.07 | 27.4 | 7.59 | 29.5 | 8.12 | 31.5 | 8.60 | 34.2 | 9.28 | 39.5 | 10.65 | 42.2 | 11.33 |
| | 33 | 23.4 | 6.85 | 25.4 | 7.40 | 27.4 | 7.95 | 29.5 | 8.50 | 31.5 | 9.03 | 34.2 | 9.75 | 39.5 | 11.18 | 42.2 | 12.06 |
| | 35 | 23.4 | 7.11 | 25.4 | 7.68 | 27.4 | 8.25 | 29.5 | 8.82 | 31.5 | 9.38 | 34.2 | 10.13 | 39.5 | 11.71 | 42.2 | 12.97 |
| | 37 | 23.4 | 7.39 | 25.4 | 7.99 | 27.4 | 8.59 | 29.5 | 9.18 | 31.5 | 9.77 | 34.2 | 10.55 | 39.5 | 12.58 | 42.2 | 13.95 |
| | 40 | 23.4 | 7.88 | 25.4 | 8.52 | 27.4 | 9.15 | 29.5 | 9.79 | 31.5 | 10.43 | 34.2 | 11.27 | 39.5 | 14.01 | 42.2 | 15.57 |
| | 43 | 23.4 | 8.44 | 25.4 | 9.12 | 27.4 | 9.81 | 29.5 | 10.50 | 31.5 | 11.19 | 34.2 | 12.49 | 39.5 | 15.62 | 41.5 | 16.83 |
| | 46 | 23.4 | 9.08 | 25.4 | 9.82 | 27.4 | 10.57 | 29.5 | 11.31 | 31.5 | 12.32 | 34.2 | 13.89 | 39.5 | 17.46 | 40.3 | 17.64 |
| 27.0 (60%) | 10 | 20.0 | 4.74 | 21.8 | 5.11 | 23.5 | 5.47 | 25.3 | 5.84 | 27.0 | 6.12 | 29.3 | 6.59 | 33.9 | 7.54 | 36.2 | 8.01 |
| | 15 | 20.0 | 4.87 | 21.8 | 5.25 | 23.5 | 5.62 | 25.3 | 6.00 | 27.0 | 6.30 | 29.3 | 6.78 | 33.9 | 7.76 | 36.2 | 8.25 |
| | 21 | 20.0 | 5.11 | 21.8 | 5.51 | 23.5 | 5.91 | 25.3 | 6.31 | 27.0 | 6.64 | 29.3 | 7.15 | 33.9 | 8.19 | 36.2 | 8.70 |
| | 23 | 20.0 | 5.22 | 21.8 | 5.62 | 23.5 | 6.03 | 25.3 | 6.44 | 27.0 | 6.78 | 29.3 | 7.31 | 33.9 | 8.37 | 36.2 | 8.90 |
| | 25 | 20.0 | 5.34 | 21.8 | 5.75 | 23.5 | 6.17 | 25.3 | 6.59 | 27.0 | 6.95 | 29.3 | 7.49 | 33.9 | 8.58 | 36.2 | 9.12 |
| | 27 | 20.0 | 5.47 | 21.8 | 5.89 | 23.5 | 6.32 | 25.3 | 6.75 | 27.0 | 7.13 | 29.3 | 7.69 | 33.9 | 8.81 | 36.2 | 9.37 |
| | 30 | 20.0 | 5.69 | 21.8 | 6.14 | 23.5 | 6.59 | 25.3 | 7.03 | 27.0 | 7.45 | 29.3 | 8.04 | 33.9 | 9.21 | 36.2 | 9.79 |
| | 33 | 20.0 | 5.95 | 21.8 | 6.42 | 23.5 | 6.89 | 25.3 | 7.36 | 27.0 | 7.81 | 29.3 | 8.43 | 33.9 | 9.66 | 36.2 | 10.28 |
| | 35 | 20.0 | 6.17 | 21.8 | 6.66 | 23.5 | 7.15 | 25.3 | 7.64 | 27.0 | 8.12 | 29.3 | 8.76 | 33.9 | 10.04 | 36.2 | 10.68 |
| | 37 | 20.0 | 6.42 | 21.8 | 6.93 | 23.5 | 7.44 | 25.3 | 7.95 | 27.0 | 8.45 | 29.3 | 9.12 | 33.9 | 10.46 | 36.2 | 11.13 |
| | 40 | 20.0 | 6.83 | 21.8 | 7.38 | 23.5 | 7.92 | 25.3 | 8.47 | 27.0 | 9.02 | 29.3 | 9.74 | 33.9 | 11.18 | 36.2 | 12.23 |
| | 43 | 20.0 | 7.31 | 21.8 | 7.90 | 23.5 | 8.49 | 25.3 | 9.07 | 27.0 | 9.67 | 29.3 | 10.45 | 33.9 | 12.33 | 36.2 | 13.60 |
| | 46 | 20.0 | 7.86 | 21.8 | 8.50 | 23.5 | 9.13 | 25.3 | 9.77 | 27.0 | 10.43 | 29.3 | 11.26 | 33.9 | 13.70 | 36.2 | 15.14 |
| 22.5 (50%) | 10 | 16.7 | 4.04 | 18.1 | 4.35 | 19.6 | 4.65 | 21.0 | 4.96 | 22.5 | 5.19 | 24.4 | 5.58 | 28.2 | 6.37 | 30.1 | 6.77 |
| | 15 | 16.7 | 4.15 | 18.1 | 4.46 | 19.6 | 4.78 | 21.0 | 5.09 | 22.5 | 5.34 | 24.4 | 5.74 | 28.2 | 6.56 | 30.1 | 6.96 |
| | 21 | 16.7 | 4.35 | 18.1 | 4.68 | 19.6 | 5.01 | 21.0 | 5.35 | 22.5 | 5.62 | 24.4 | 6.05 | 28.2 | 6.91 | 30.1 | 7.34 |
| | 23 | 16.7 | 4.44 | 18.1 | 4.78 | 19.6 | 5.12 | 21.0 | 5.46 | 22.5 | 5.74 | 24.4 | 6.18 | 28.2 | 7.07 | 30.1 | 7.51 |
| | 25 | 16.7 | 4.54 | 18.1 | 4.88 | 19.6 | 5.23 | 21.0 | 5.58 | 22.5 | 5.88 | 24.4 | 6.33 | 28.2 | 7.24 | 30.1 | 7.69 |
| | 27 | 16.7 | 4.65 | 18.1 | 5.00 | 19.6 | 5.36 | 21.0 | 5.72 | 22.5 | 6.04 | 24.4 | 6.50 | 28.2 | 7.43 | 30.1 | 7.90 |
| | 30 | 16.7 | 4.83 | 18.1 | 5.21 | 19.6 | 5.58 | 21.0 | 5.95 | 22.5 | 6.30 | 24.4 | 6.79 | 28.2 | 7.76 | 30.1 | 8.25 |
| | 33 | 16.7 | 5.05 | 18.1 | 5.44 | 19.6 | 5.83 | 21.0 | 6.22 | 22.5 | 6.60 | 24.4 | 7.12 | 28.2 | 8.14 | 30.1 | 8.66 |
| | 35 | 16.7 | 5.23 | 18.1 | 5.64 | 19.6 | 6.05 | 21.0 | 6.45 | 22.5 | 6.85 | 24.4 | 7.39 | 28.2 | 8.46 | 30.1 | 8.99 |
| | 37 | 16.7 | 5.44 | 18.1 | 5.86 | 19.6 | 6.29 | 21.0 | 6.71 | 22.5 | 7.13 | 24.4 | 7.69 | 28.2 | 8.81 | 30.1 | 9.37 |
| | 40 | 16.7 | 5.78 | 18.1 | 6.24 | 19.6 | 6.69 | 21.0 | 7.15 | 22.5 | 7.61 | 24.4 | 8.21 | 28.2 | 9.40 | 30.1 | 10.00 |
| | 43 | 16.7 | 6.18 | 18.1 | 6.67 | 19.6 | 7.16 | 21.0 | 7.65 | 22.5 | 8.15 | 24.4 | 8.80 | 28.2 | 10.08 | 30.1 | 10.73 |
| | 46 | 16.7 | 6.64 | 18.1 | 7.17 | 19.6 | 7.70 | 21.0 | 8.23 | 22.5 | 8.78 | 24.4 | 9.48 | 28.2 | 10.87 | 30.1 | 11.57 |

# 4-2. Space saving combination

## ■ Model: AJ∗162GALDH

| Cooling capacity at rated condition: 50.4 kW (18HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 75.6 (150%) | 10 | 56.1 | 9.66 | 59.6 | 10.12 | 61.0 | 10.12 | 62.5 | 10.12 | 63.8 | 10.14 | 65.3 | 10.12 | 68.4 | 10.05 | 70.0 | 10.01 |
| | 15 | 56.1 | 9.94 | 59.2 | 10.33 | 60.6 | 10.33 | 62.1 | 10.33 | 63.3 | 10.35 | 64.8 | 10.33 | 67.9 | 10.28 | 69.4 | 10.24 |
| | 21 | 56.1 | 10.49 | 58.3 | 10.70 | 59.8 | 10.70 | 61.2 | 10.71 | 62.3 | 10.77 | 63.9 | 10.74 | 66.8 | 10.68 | 68.4 | 10.66 |
| | 23 | 56.1 | 10.73 | 58.0 | 10.86 | 59.4 | 10.87 | 60.9 | 10.87 | 62.0 | 10.93 | 63.4 | 10.91 | 66.1 | 11.00 | 67.5 | 11.04 |
| | 25 | 56.1 | 10.99 | 57.6 | 11.03 | 59.0 | 11.05 | 60.3 | 11.13 | 61.2 | 11.26 | 62.5 | 11.32 | 65.1 | 11.42 | 66.4 | 11.47 |
| | 27 | 55.6 | 11.30 | 56.9 | 11.37 | 58.1 | 11.46 | 59.4 | 11.53 | 60.2 | 11.68 | 61.5 | 11.74 | 64.1 | 11.85 | 65.3 | 11.90 |
| | 30 | 54.4 | 11.89 | 55.6 | 11.98 | 56.9 | 12.06 | 58.1 | 12.14 | 58.7 | 12.32 | 60.0 | 12.37 | 62.5 | 12.49 | 63.7 | 12.55 |
| | 33 | 53.1 | 12.49 | 54.3 | 12.58 | 55.5 | 12.67 | 56.7 | 12.75 | 57.2 | 12.95 | 58.5 | 13.02 | 60.8 | 13.16 | 62.1 | 13.23 |
| | 35 | 52.2 | 12.89 | 53.4 | 13.00 | 54.5 | 13.10 | 55.8 | 13.19 | 56.2 | 13.42 | 57.4 | 13.51 | 59.7 | 13.67 | 60.9 | 13.75 |
| | 37 | 51.3 | 13.33 | 52.4 | 13.44 | 53.6 | 13.56 | 54.7 | 13.65 | 55.1 | 13.91 | 56.3 | 14.00 | 58.5 | 14.18 | 59.7 | 14.26 |
| | 40 | 49.8 | 14.01 | 50.9 | 14.12 | 52.0 | 14.24 | 53.1 | 14.35 | 53.5 | 14.65 | 54.6 | 14.75 | 56.9 | 14.95 | 58.0 | 15.04 |
| | 43 | 48.3 | 14.68 | 49.4 | 14.81 | 50.4 | 14.93 | 51.6 | 15.05 | 51.8 | 15.40 | 52.9 | 15.51 | 55.1 | 15.72 | 56.2 | 15.82 |
| | 46 | 46.8 | 15.37 | 47.9 | 15.50 | 48.9 | 15.63 | 50.0 | 15.76 | 50.1 | 16.14 | 51.2 | 16.26 | 53.3 | 16.49 | 54.4 | 16.61 |
| 70.5 (140%) | 10 | 52.4 | 9.05 | 56.9 | 9.79 | 59.8 | 10.12 | 61.2 | 10.12 | 62.7 | 10.15 | 64.2 | 10.13 | 67.2 | 10.08 | 68.8 | 10.05 |
| | 15 | 52.4 | 9.32 | 56.9 | 10.08 | 59.4 | 10.33 | 60.8 | 10.33 | 62.2 | 10.37 | 63.7 | 10.35 | 66.7 | 10.30 | 68.2 | 10.26 |
| | 21 | 52.4 | 9.83 | 56.9 | 10.63 | 58.5 | 10.70 | 59.9 | 10.71 | 61.3 | 10.77 | 62.8 | 10.75 | 65.7 | 10.71 | 67.3 | 10.68 |
| | 23 | 52.4 | 10.05 | 56.9 | 10.85 | 58.2 | 10.86 | 59.6 | 10.87 | 61.0 | 10.94 | 62.4 | 10.93 | 65.2 | 10.96 | 66.4 | 11.01 |
| | 25 | 52.4 | 10.30 | 56.5 | 11.03 | 57.8 | 11.03 | 59.2 | 11.07 | 60.3 | 11.22 | 61.6 | 11.28 | 64.1 | 11.39 | 65.5 | 11.44 |
| | 27 | 52.4 | 10.57 | 55.8 | 11.31 | 57.1 | 11.39 | 58.3 | 11.47 | 59.4 | 11.64 | 60.6 | 11.70 | 63.2 | 11.81 | 64.4 | 11.86 |
| | 30 | 52.4 | 11.39 | 54.7 | 11.91 | 55.8 | 11.99 | 57.1 | 12.07 | 57.9 | 12.27 | 59.2 | 12.33 | 61.6 | 12.46 | 62.8 | 12.51 |
| | 33 | 52.2 | 12.41 | 53.4 | 12.51 | 54.5 | 12.60 | 55.8 | 12.68 | 56.5 | 12.91 | 57.6 | 12.97 | 60.1 | 13.12 | 61.2 | 13.19 |
| | 35 | 51.3 | 12.82 | 52.5 | 12.91 | 53.6 | 13.02 | 54.8 | 13.12 | 55.5 | 13.37 | 56.7 | 13.46 | 58.9 | 13.62 | 60.1 | 13.70 |
| | 37 | 50.4 | 13.26 | 51.5 | 13.37 | 52.7 | 13.47 | 53.8 | 13.58 | 54.4 | 13.86 | 55.6 | 13.95 | 57.8 | 14.12 | 59.0 | 14.21 |
| | 40 | 49.0 | 13.93 | 50.1 | 14.04 | 51.2 | 14.16 | 52.3 | 14.26 | 52.8 | 14.59 | 53.9 | 14.69 | 56.2 | 14.88 | 57.3 | 14.98 |
| | 43 | 47.5 | 14.60 | 48.6 | 14.72 | 49.7 | 14.84 | 50.8 | 14.96 | 51.2 | 15.33 | 52.2 | 15.44 | 54.4 | 15.65 | 55.6 | 15.76 |
| | 46 | 46.1 | 15.28 | 47.1 | 15.40 | 48.1 | 15.54 | 49.2 | 15.67 | 49.5 | 16.08 | 50.6 | 16.19 | 52.7 | 16.43 | 53.8 | 16.54 |
| 65.5 (130%) | 10 | 48.6 | 8.45 | 52.9 | 9.13 | 57.1 | 9.82 | 59.7 | 10.12 | 61.5 | 10.17 | 63.0 | 10.15 | 65.9 | 10.10 | 67.5 | 10.07 |
| | 15 | 48.6 | 8.70 | 52.9 | 9.40 | 57.1 | 10.10 | 59.4 | 10.33 | 61.1 | 10.38 | 62.5 | 10.37 | 65.5 | 10.33 | 66.9 | 10.29 |
| | 21 | 48.6 | 9.17 | 52.9 | 9.91 | 57.1 | 10.66 | 58.5 | 10.70 | 60.2 | 10.78 | 61.6 | 10.77 | 64.5 | 10.73 | 66.0 | 10.70 |
| | 23 | 48.6 | 9.38 | 52.9 | 10.14 | 56.9 | 10.85 | 58.3 | 10.86 | 59.8 | 10.95 | 61.2 | 10.94 | 64.1 | 10.92 | 65.3 | 10.97 |
| | 25 | 48.6 | 9.61 | 52.9 | 10.38 | 56.5 | 11.03 | 57.9 | 11.03 | 59.4 | 11.17 | 60.6 | 11.23 | 63.1 | 11.35 | 64.4 | 11.40 |
| | 27 | 48.6 | 9.86 | 52.9 | 10.66 | 56.0 | 11.31 | 57.2 | 11.39 | 58.4 | 11.59 | 59.7 | 11.65 | 62.1 | 11.77 | 63.4 | 11.83 |
| | 30 | 48.6 | 10.30 | 52.9 | 11.54 | 54.7 | 11.91 | 55.9 | 12.00 | 57.1 | 12.23 | 58.3 | 12.28 | 60.7 | 12.41 | 61.9 | 12.47 |
| | 33 | 48.6 | 11.25 | 52.4 | 12.42 | 53.5 | 12.51 | 54.7 | 12.60 | 55.6 | 12.86 | 56.8 | 12.93 | 59.2 | 13.06 | 60.3 | 13.14 |
| | 35 | 48.6 | 11.94 | 51.5 | 12.83 | 52.6 | 12.93 | 53.8 | 13.03 | 54.6 | 13.31 | 55.8 | 13.40 | 58.1 | 13.56 | 59.2 | 13.63 |
| | 37 | 48.6 | 12.75 | 50.6 | 13.28 | 51.7 | 13.38 | 52.8 | 13.49 | 53.6 | 13.79 | 54.7 | 13.89 | 57.0 | 14.06 | 58.1 | 14.14 |
| | 40 | 48.1 | 13.83 | 49.2 | 13.94 | 50.2 | 14.05 | 51.3 | 14.17 | 52.0 | 14.52 | 53.1 | 14.63 | 55.3 | 14.82 | 56.5 | 14.91 |
| | 43 | 46.7 | 14.50 | 47.7 | 14.63 | 48.8 | 14.74 | 49.9 | 14.86 | 50.5 | 15.26 | 51.5 | 15.37 | 53.7 | 15.58 | 54.7 | 15.68 |
| | 46 | 45.2 | 15.17 | 46.3 | 15.31 | 47.3 | 15.44 | 48.4 | 15.56 | 48.9 | 16.00 | 49.9 | 16.12 | 52.0 | 16.35 | 53.1 | 16.47 |
| 60.4 (120%) | 10 | 44.8 | 7.85 | 48.8 | 8.48 | 52.7 | 9.10 | 56.5 | 9.73 | 60.2 | 10.19 | 61.6 | 10.17 | 64.5 | 10.12 | 65.9 | 10.10 |
| | 15 | 44.8 | 8.08 | 48.8 | 8.73 | 52.7 | 9.38 | 56.5 | 10.03 | 59.8 | 10.40 | 61.2 | 10.38 | 64.1 | 10.35 | 65.5 | 10.32 |
| | 21 | 44.8 | 8.52 | 48.8 | 9.20 | 52.7 | 9.89 | 56.5 | 10.58 | 58.9 | 10.79 | 60.3 | 10.78 | 63.2 | 10.75 | 64.6 | 10.73 |
| | 23 | 44.8 | 8.70 | 48.8 | 9.40 | 52.7 | 10.10 | 56.5 | 10.82 | 58.6 | 10.96 | 60.0 | 10.95 | 62.8 | 10.92 | 64.1 | 10.92 |
| | 25 | 44.8 | 8.91 | 48.8 | 9.63 | 52.7 | 10.36 | 56.4 | 11.03 | 58.2 | 11.14 | 59.5 | 11.18 | 61.9 | 11.30 | 63.2 | 11.35 |
| | 27 | 44.8 | 9.15 | 48.8 | 9.89 | 52.7 | 10.63 | 55.8 | 11.30 | 57.4 | 11.54 | 58.6 | 11.60 | 61.0 | 11.72 | 62.2 | 11.77 |
| | 30 | 44.8 | 9.55 | 48.8 | 10.33 | 52.7 | 11.49 | 54.7 | 11.91 | 56.0 | 12.16 | 57.2 | 12.23 | 59.6 | 12.35 | 60.8 | 12.42 |
| | 33 | 44.8 | 10.10 | 48.8 | 11.30 | 52.3 | 12.42 | 53.4 | 12.51 | 54.7 | 12.79 | 55.8 | 12.86 | 58.1 | 13.00 | 59.2 | 13.07 |
| | 35 | 44.8 | 10.71 | 48.8 | 12.00 | 51.5 | 12.83 | 52.6 | 12.93 | 53.7 | 13.24 | 54.9 | 13.33 | 57.1 | 13.49 | 58.2 | 13.57 |
| | 37 | 44.8 | 11.38 | 48.8 | 12.82 | 50.6 | 13.28 | 51.7 | 13.38 | 52.7 | 13.72 | 53.8 | 13.81 | 56.0 | 13.98 | 57.1 | 14.07 |
| | 40 | 44.8 | 12.58 | 48.1 | 13.84 | 49.2 | 13.95 | 50.2 | 14.05 | 51.2 | 14.45 | 52.2 | 14.54 | 54.4 | 14.74 | 55.5 | 14.83 |
| | 43 | 44.8 | 13.91 | 46.8 | 14.51 | 47.8 | 14.63 | 48.8 | 14.75 | 49.7 | 15.18 | 50.7 | 15.28 | 52.8 | 15.49 | 53.9 | 15.60 |
| | 46 | 44.3 | 15.06 | 45.4 | 15.19 | 46.4 | 15.32 | 47.4 | 15.44 | 48.1 | 15.91 | 49.1 | 16.03 | 51.2 | 16.26 | 52.2 | 16.38 |
| 55.4 (110%) | 10 | 41.2 | 7.24 | 44.7 | 7.82 | 48.3 | 8.40 | 51.8 | 8.98 | 55.4 | 9.44 | 60.1 | 10.19 | 62.9 | 10.15 | 64.3 | 10.13 |
| | 15 | 41.2 | 7.45 | 44.7 | 8.05 | 48.3 | 8.64 | 51.8 | 9.24 | 55.4 | 9.73 | 59.7 | 10.40 | 62.5 | 10.37 | 63.9 | 10.35 |
| | 21 | 41.2 | 7.85 | 44.7 | 8.48 | 48.3 | 9.12 | 51.8 | 9.75 | 55.4 | 10.28 | 58.9 | 10.79 | 61.6 | 10.77 | 63.0 | 10.75 |
| | 23 | 41.2 | 8.03 | 44.7 | 8.68 | 48.3 | 9.31 | 51.8 | 9.96 | 55.4 | 10.52 | 58.5 | 10.96 | 61.2 | 10.94 | 62.6 | 10.93 |
| | 25 | 41.2 | 8.22 | 44.7 | 8.89 | 48.3 | 9.54 | 51.8 | 10.21 | 55.4 | 10.79 | 58.2 | 11.14 | 60.6 | 11.23 | 61.9 | 11.28 |
| | 27 | 41.2 | 8.43 | 44.7 | 9.12 | 48.3 | 9.80 | 51.8 | 10.48 | 55.4 | 11.19 | 57.4 | 11.53 | 59.7 | 11.65 | 60.9 | 11.72 |
| | 30 | 41.2 | 8.80 | 44.7 | 9.52 | 48.3 | 10.23 | 51.8 | 11.24 | 54.9 | 12.09 | 56.0 | 12.16 | 58.3 | 12.30 | 59.5 | 12.35 |
| | 33 | 41.2 | 9.23 | 44.7 | 10.05 | 48.3 | 11.14 | 51.8 | 12.31 | 53.6 | 12.72 | 54.7 | 12.79 | 56.9 | 12.93 | 58.1 | 13.00 |
| | 35 | 41.2 | 9.56 | 44.7 | 10.66 | 48.3 | 11.84 | 51.3 | 12.81 | 52.7 | 13.16 | 53.8 | 13.25 | 56.0 | 13.41 | 57.1 | 13.49 |
| | 37 | 41.2 | 10.14 | 44.7 | 11.33 | 48.3 | 12.63 | 50.4 | 13.26 | 51.7 | 13.63 | 52.8 | 13.73 | 54.9 | 13.91 | 56.0 | 13.99 |
| | 40 | 41.2 | 11.15 | 44.7 | 12.51 | 48.0 | 13.82 | 49.0 | 13.93 | 50.2 | 14.35 | 51.3 | 14.46 | 53.4 | 14.65 | 54.5 | 14.74 |
| | 43 | 41.2 | 12.31 | 44.7 | 13.83 | 46.6 | 14.50 | 47.7 | 14.61 | 48.7 | 15.08 | 49.8 | 15.19 | 51.8 | 15.40 | 52.9 | 15.51 |
| | 46 | 41.2 | 13.60 | 44.3 | 15.05 | 45.3 | 15.19 | 46.3 | 15.31 | 47.2 | 15.82 | 48.2 | 15.93 | 50.2 | 16.16 | 51.3 | 16.28 |
| 50.4 (100%) | 10 | 37.4 | 6.64 | 40.7 | 7.17 | 43.9 | 7.69 | 47.2 | 8.22 | 50.4 | 8.63 | 54.7 | 9.31 | 61.1 | 10.17 | 62.5 | 10.16 |
| | 15 | 37.4 | 6.83 | 40.7 | 7.37 | 43.9 | 7.91 | 47.2 | 8.45 | 50.4 | 8.89 | 54.7 | 9.60 | 60.7 | 10.38 | 62.1 | 10.37 |
| | 21 | 37.4 | 7.19 | 40.7 | 7.77 | 43.9 | 8.34 | 47.2 | 8.91 | 50.4 | 9.40 | 54.7 | 10.15 | 59.9 | 10.79 | 61.2 | 10.77 |
| | 23 | 37.4 | 7.35 | 40.7 | 7.94 | 43.9 | 8.52 | 47.2 | 9.11 | 50.4 | 9.62 | 54.7 | 10.38 | 59.6 | 10.96 | 60.8 | 10.94 |
| | 25 | 37.4 | 7.52 | 40.7 | 8.13 | 43.9 | 8.73 | 47.2 | 9.33 | 50.4 | 9.86 | 54.7 | 10.65 | 59.1 | 11.16 | 60.3 | 11.21 |
| | 27 | 37.4 | 7.73 | 40.7 | 8.34 | 43.9 | 8.96 | 47.2 | 9.58 | 50.4 | 10.14 | 54.7 | 10.97 | 58.3 | 11.58 | 59.4 | 11.64 |
| | 30 | 37.4 | 8.06 | 40.7 | 8.71 | 43.9 | 9.36 | 47.2 | 10.00 | 50.4 | 10.74 | 54.7 | 12.07 | 56.9 | 12.21 | 58.1 | 12.28 |
| | 33 | 37.4 | 8.45 | 40.7 | 9.13 | 43.9 | 9.82 | 47.2 | 10.79 | 50.4 | 11.80 | 53.4 | 12.72 | 55.6 | 12.86 | 56.7 | 12.92 |
| | 35 | 37.4 | 8.73 | 40.7 | 9.45 | 43.9 | 10.40 | 47.2 | 11.45 | 50.4 | 12.56 | 52.6 | 13.15 | 54.7 | 13.32 | 55.8 | 13.40 |
| | 37 | 37.4 | 9.05 | 40.7 | 9.98 | 43.9 | 11.04 | 47.2 | 12.21 | 50.4 | 13.47 | 51.6 | 13.63 | 53.7 | 13.81 | 54.7 | 13.89 |
| | 40 | 37.4 | 9.82 | 40.7 | 10.98 | 43.9 | 12.19 | 47.2 | 13.49 | 49.1 | 14.25 | 50.2 | 14.35 | 52.2 | 14.54 | 53.3 | 14.63 |
| | 43 | 37.4 | 10.83 | 40.7 | 12.12 | 43.9 | 13.47 | 46.4 | 14.47 | 47.7 | 14.97 | 48.8 | 15.08 | 50.8 | 15.29 | 51.7 | 15.39 |
| | 46 | 37.4 | 11.94 | 40.7 | 13.38 | 43.9 | 14.90 | 45.0 | 15.15 | 46.2 | 15.70 | 47.2 | 15.82 | 49.2 | 16.05 | 50.2 | 16.16 |

MODEL SELECTION

| Cooling capacity at rated condition: 50.4 kW (18HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 45.3 (90%) | 10 | 33.7 | 6.03 | 36.6 | 6.50 | 39.5 | 6.98 | 42.5 | 7.45 | 45.3 | 7.83 | 49.2 | 8.45 | 56.9 | 9.67 | 60.3 | 10.19 |
| | 15 | 33.7 | 6.20 | 36.6 | 6.69 | 39.5 | 7.18 | 42.5 | 7.66 | 45.3 | 8.07 | 49.2 | 8.70 | 56.9 | 9.96 | 59.9 | 10.40 |
| | 21 | 33.7 | 6.54 | 36.6 | 7.05 | 39.5 | 7.57 | 42.5 | 8.08 | 45.3 | 8.52 | 49.2 | 9.19 | 56.9 | 10.54 | 59.2 | 10.79 |
| | 23 | 33.7 | 6.68 | 36.6 | 7.20 | 39.5 | 7.73 | 42.5 | 8.26 | 45.3 | 8.72 | 49.2 | 9.40 | 56.9 | 10.78 | 58.8 | 10.96 |
| | 25 | 33.7 | 6.83 | 36.6 | 7.38 | 39.5 | 7.92 | 42.5 | 8.46 | 45.3 | 8.94 | 49.2 | 9.64 | 56.9 | 11.05 | 58.5 | 11.14 |
| | 27 | 33.7 | 7.01 | 36.6 | 7.57 | 39.5 | 8.13 | 42.5 | 8.68 | 45.3 | 9.19 | 49.2 | 9.91 | 56.5 | 11.49 | 57.6 | 11.55 |
| | 30 | 33.7 | 7.31 | 36.6 | 7.89 | 39.5 | 8.48 | 42.5 | 9.06 | 45.3 | 9.60 | 49.2 | 10.39 | 55.3 | 12.12 | 56.5 | 12.19 |
| | 33 | 33.7 | 7.66 | 36.6 | 8.28 | 39.5 | 8.89 | 42.5 | 9.50 | 45.3 | 10.21 | 49.2 | 11.42 | 54.0 | 12.75 | 55.1 | 12.82 |
| | 35 | 33.7 | 7.92 | 36.6 | 8.56 | 39.5 | 9.20 | 42.5 | 9.95 | 45.3 | 10.86 | 49.2 | 12.14 | 53.2 | 13.21 | 54.2 | 13.28 |
| | 37 | 33.7 | 8.21 | 36.6 | 8.87 | 39.5 | 9.62 | 42.5 | 10.56 | 45.3 | 11.56 | 49.2 | 13.00 | 52.2 | 13.68 | 53.3 | 13.77 |
| | 40 | 33.7 | 8.70 | 36.6 | 9.55 | 39.5 | 10.56 | 42.5 | 11.64 | 45.3 | 12.81 | 48.8 | 14.22 | 50.9 | 14.42 | 51.9 | 14.51 |
| | 43 | 33.7 | 9.45 | 36.6 | 10.52 | 39.5 | 11.66 | 42.5 | 12.85 | 45.3 | 14.19 | 47.5 | 14.95 | 49.5 | 15.16 | 50.4 | 15.26 |
| | 46 | 33.7 | 10.41 | 36.6 | 11.60 | 39.5 | 12.87 | 42.5 | 14.20 | 45.1 | 15.56 | 46.1 | 15.68 | 47.9 | 15.91 | 49.0 | 16.01 |
| 40.3 (80%) | 10 | 29.9 | 5.43 | 32.6 | 5.85 | 35.1 | 6.27 | 37.8 | 6.69 | 40.3 | 7.03 | 43.7 | 7.57 | 50.6 | 8.66 | 54.0 | 9.21 |
| | 15 | 29.9 | 5.59 | 32.6 | 6.01 | 35.1 | 6.45 | 37.8 | 6.89 | 40.3 | 7.24 | 43.7 | 7.80 | 50.6 | 8.92 | 54.0 | 9.49 |
| | 21 | 29.9 | 5.87 | 32.6 | 6.33 | 35.1 | 6.80 | 37.8 | 7.25 | 40.3 | 7.64 | 43.7 | 8.24 | 50.6 | 9.43 | 54.0 | 10.03 |
| | 23 | 29.9 | 6.00 | 32.6 | 6.47 | 35.1 | 6.94 | 37.8 | 7.41 | 40.3 | 7.82 | 43.7 | 8.43 | 50.6 | 9.65 | 54.0 | 10.26 |
| | 25 | 29.9 | 6.15 | 32.6 | 6.62 | 35.1 | 7.10 | 37.8 | 7.59 | 40.3 | 8.01 | 43.7 | 8.64 | 50.6 | 9.89 | 54.0 | 10.52 |
| | 27 | 29.9 | 6.29 | 32.6 | 6.80 | 35.1 | 7.29 | 37.8 | 7.78 | 40.3 | 8.22 | 43.7 | 8.87 | 50.6 | 10.17 | 54.0 | 10.82 |
| | 30 | 29.9 | 6.57 | 32.6 | 7.08 | 35.1 | 7.61 | 37.8 | 8.12 | 40.3 | 8.61 | 43.7 | 9.28 | 50.6 | 10.79 | 54.0 | 11.85 |
| | 33 | 29.9 | 6.87 | 32.6 | 7.42 | 35.1 | 7.97 | 37.8 | 8.52 | 40.3 | 9.03 | 43.7 | 9.75 | 50.6 | 11.86 | 53.3 | 12.70 |
| | 35 | 29.9 | 7.11 | 32.6 | 7.68 | 35.1 | 8.24 | 37.8 | 8.80 | 40.3 | 9.35 | 43.7 | 10.33 | 50.6 | 12.63 | 52.5 | 13.14 |
| | 37 | 29.9 | 7.36 | 32.6 | 7.96 | 35.1 | 8.54 | 37.8 | 9.13 | 40.3 | 9.87 | 43.7 | 10.98 | 50.6 | 13.53 | 51.6 | 13.63 |
| | 40 | 29.9 | 7.80 | 32.6 | 8.43 | 35.1 | 9.06 | 37.8 | 9.94 | 40.3 | 10.87 | 43.7 | 12.17 | 49.3 | 14.26 | 50.2 | 14.35 |
| | 43 | 29.9 | 8.35 | 32.6 | 9.06 | 35.1 | 9.98 | 37.8 | 10.96 | 40.3 | 12.03 | 43.7 | 13.47 | 47.9 | 15.00 | 48.8 | 15.09 |
| | 46 | 29.9 | 8.98 | 32.6 | 9.96 | 35.1 | 10.99 | 37.8 | 12.08 | 40.3 | 13.31 | 43.7 | 14.92 | 46.5 | 15.73 | 47.5 | 15.84 |
| 35.2 (70%) | 10 | 26.1 | 4.83 | 28.4 | 5.20 | 30.8 | 5.57 | 33.0 | 5.93 | 35.2 | 6.22 | 38.3 | 6.70 | 44.3 | 7.66 | 47.2 | 8.13 |
| | 15 | 26.1 | 4.96 | 28.4 | 5.34 | 30.8 | 5.71 | 33.0 | 6.10 | 35.2 | 6.41 | 38.3 | 6.90 | 44.3 | 7.89 | 47.2 | 8.38 |
| | 21 | 26.1 | 5.22 | 28.4 | 5.62 | 30.8 | 6.01 | 33.0 | 6.42 | 35.2 | 6.76 | 38.3 | 7.29 | 44.3 | 8.33 | 47.2 | 8.85 |
| | 23 | 26.1 | 5.32 | 28.4 | 5.73 | 30.8 | 6.15 | 33.0 | 6.56 | 35.2 | 6.91 | 38.3 | 7.45 | 44.3 | 8.52 | 47.2 | 9.05 |
| | 25 | 26.1 | 5.45 | 28.4 | 5.87 | 30.8 | 6.29 | 33.0 | 6.71 | 35.2 | 7.08 | 38.3 | 7.64 | 44.3 | 8.73 | 47.2 | 9.28 |
| | 27 | 26.1 | 5.59 | 28.4 | 6.02 | 30.8 | 6.45 | 33.0 | 6.89 | 35.2 | 7.27 | 38.3 | 7.84 | 44.3 | 8.98 | 47.2 | 9.54 |
| | 30 | 26.1 | 5.82 | 28.4 | 6.27 | 30.8 | 6.73 | 33.0 | 7.18 | 35.2 | 7.60 | 38.3 | 8.19 | 44.3 | 9.38 | 47.2 | 9.98 |
| | 33 | 26.1 | 6.10 | 28.4 | 6.57 | 30.8 | 7.05 | 33.0 | 7.52 | 35.2 | 7.98 | 38.3 | 8.61 | 44.3 | 9.87 | 47.2 | 10.79 |
| | 35 | 26.1 | 6.29 | 28.4 | 6.80 | 30.8 | 7.29 | 33.0 | 7.78 | 35.2 | 8.26 | 38.3 | 8.91 | 44.3 | 10.49 | 47.2 | 11.47 |
| | 37 | 26.1 | 6.52 | 28.4 | 7.03 | 30.8 | 7.55 | 33.0 | 8.06 | 35.2 | 8.57 | 38.3 | 9.24 | 44.3 | 11.17 | 47.2 | 12.25 |
| | 40 | 26.1 | 6.90 | 28.4 | 7.45 | 30.8 | 8.00 | 33.0 | 8.54 | 35.2 | 9.12 | 38.3 | 10.14 | 44.3 | 12.36 | 47.2 | 13.58 |
| | 43 | 26.1 | 7.38 | 28.4 | 7.97 | 30.8 | 8.56 | 33.0 | 9.22 | 35.2 | 10.07 | 38.3 | 11.21 | 44.3 | 13.69 | 47.0 | 14.89 |
| | 46 | 26.1 | 7.94 | 28.4 | 8.57 | 30.8 | 9.29 | 33.0 | 10.15 | 35.2 | 11.12 | 38.3 | 12.38 | 44.3 | 15.17 | 45.7 | 15.63 |
| 30.2 (60%) | 10 | 22.5 | 4.22 | 24.3 | 4.54 | 26.3 | 4.85 | 28.3 | 5.17 | 30.2 | 5.43 | 32.8 | 5.83 | 38.0 | 6.64 | 40.5 | 7.06 |
| | 15 | 22.5 | 4.34 | 24.3 | 4.66 | 26.3 | 4.99 | 28.3 | 5.31 | 30.2 | 5.57 | 32.8 | 6.00 | 38.0 | 6.85 | 40.5 | 7.27 |
| | 21 | 22.5 | 4.55 | 24.3 | 4.90 | 26.3 | 5.24 | 28.3 | 5.59 | 30.2 | 5.88 | 32.8 | 6.33 | 38.0 | 7.22 | 40.5 | 7.67 |
| | 23 | 22.5 | 4.65 | 24.3 | 5.01 | 26.3 | 5.36 | 28.3 | 5.71 | 30.2 | 6.01 | 32.8 | 6.47 | 38.0 | 7.38 | 40.5 | 7.85 |
| | 25 | 22.5 | 4.76 | 24.3 | 5.12 | 26.3 | 5.48 | 28.3 | 5.84 | 30.2 | 6.15 | 32.8 | 6.63 | 38.0 | 7.57 | 40.5 | 8.04 |
| | 27 | 22.5 | 4.87 | 24.3 | 5.25 | 26.3 | 5.62 | 28.3 | 5.99 | 30.2 | 6.32 | 32.8 | 6.80 | 38.0 | 7.78 | 40.5 | 8.26 |
| | 30 | 22.5 | 5.08 | 24.3 | 5.46 | 26.3 | 5.85 | 28.3 | 6.24 | 30.2 | 6.60 | 32.8 | 7.11 | 38.0 | 8.12 | 40.5 | 8.63 |
| | 33 | 22.5 | 5.31 | 24.3 | 5.71 | 26.3 | 6.13 | 28.3 | 6.54 | 30.2 | 6.92 | 32.8 | 7.45 | 38.0 | 8.53 | 40.5 | 9.07 |
| | 35 | 22.5 | 5.48 | 24.3 | 5.91 | 26.3 | 6.33 | 28.3 | 6.76 | 30.2 | 7.17 | 32.8 | 7.72 | 38.0 | 8.84 | 40.5 | 9.38 |
| | 37 | 22.5 | 5.67 | 24.3 | 6.11 | 26.3 | 6.55 | 28.3 | 6.99 | 30.2 | 7.43 | 32.8 | 8.01 | 38.0 | 9.17 | 40.5 | 9.92 |
| | 40 | 22.5 | 6.01 | 24.3 | 6.47 | 26.3 | 6.94 | 28.3 | 7.41 | 30.2 | 7.89 | 32.8 | 8.50 | 38.0 | 10.03 | 40.5 | 10.94 |
| | 43 | 22.5 | 6.41 | 24.3 | 6.92 | 26.3 | 7.43 | 28.3 | 7.93 | 30.2 | 8.45 | 32.8 | 9.17 | 38.0 | 11.08 | 40.5 | 12.10 |
| | 46 | 22.5 | 6.89 | 24.3 | 7.43 | 26.3 | 7.98 | 28.3 | 8.52 | 30.2 | 9.13 | 32.8 | 10.12 | 38.0 | 12.24 | 40.5 | 13.38 |
| 25.2 (50%) | 10 | 18.7 | 3.62 | 20.3 | 3.88 | 22.0 | 4.15 | 23.6 | 4.41 | 25.2 | 4.62 | 27.3 | 4.96 | 31.6 | 5.64 | 33.7 | 5.98 |
| | 15 | 18.7 | 3.71 | 20.3 | 3.99 | 22.0 | 4.25 | 23.6 | 4.53 | 25.2 | 4.75 | 27.3 | 5.10 | 31.6 | 5.80 | 33.7 | 6.15 |
| | 21 | 18.7 | 3.90 | 20.3 | 4.18 | 22.0 | 4.47 | 23.6 | 4.76 | 25.2 | 5.00 | 27.3 | 5.38 | 31.6 | 6.12 | 33.7 | 6.50 |
| | 23 | 18.7 | 3.97 | 20.3 | 4.27 | 22.0 | 4.57 | 23.6 | 4.85 | 25.2 | 5.11 | 27.3 | 5.50 | 31.6 | 6.26 | 33.7 | 6.64 |
| | 25 | 18.7 | 4.06 | 20.3 | 4.36 | 22.0 | 4.67 | 23.6 | 4.97 | 25.2 | 5.23 | 27.3 | 5.62 | 31.6 | 6.41 | 33.7 | 6.80 |
| | 27 | 18.7 | 4.16 | 20.3 | 4.47 | 22.0 | 4.78 | 23.6 | 5.09 | 25.2 | 5.36 | 27.3 | 5.77 | 31.6 | 6.59 | 33.7 | 6.99 |
| | 30 | 18.7 | 4.33 | 20.3 | 4.66 | 22.0 | 4.98 | 23.6 | 5.30 | 25.2 | 5.60 | 27.3 | 6.03 | 31.6 | 6.87 | 33.7 | 7.29 |
| | 33 | 18.7 | 4.52 | 20.3 | 4.87 | 22.0 | 5.20 | 23.6 | 5.55 | 25.2 | 5.87 | 27.3 | 6.31 | 31.6 | 7.21 | 33.7 | 7.66 |
| | 35 | 18.7 | 4.67 | 20.3 | 5.02 | 22.0 | 5.38 | 23.6 | 5.73 | 25.2 | 6.07 | 27.3 | 6.54 | 31.6 | 7.46 | 33.7 | 7.92 |
| | 37 | 18.7 | 4.83 | 20.3 | 5.20 | 22.0 | 5.57 | 23.6 | 5.94 | 25.2 | 6.29 | 27.3 | 6.77 | 31.6 | 7.73 | 33.7 | 8.22 |
| | 40 | 18.7 | 5.10 | 20.3 | 5.50 | 22.0 | 5.89 | 23.6 | 6.27 | 25.2 | 6.67 | 27.3 | 7.19 | 31.6 | 8.21 | 33.7 | 8.73 |
| | 43 | 18.7 | 5.45 | 20.3 | 5.87 | 22.0 | 6.29 | 23.6 | 6.71 | 25.2 | 7.15 | 27.3 | 7.70 | 31.6 | 8.80 | 33.7 | 9.51 |
| | 46 | 18.7 | 5.84 | 20.3 | 6.29 | 22.0 | 6.75 | 23.6 | 7.20 | 25.2 | 7.68 | 27.3 | 8.29 | 31.6 | 9.66 | 33.7 | 10.49 |

# ■ Model: AJ∗180GALDH

| Cooling capacity at rated condition: 56.0 kW (20HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 84.0 (150%) | 10 | 62.4 | 10.92 | 66.2 | 11.44 | 67.8 | 11.44 | 69.4 | 11.44 | 70.9 | 11.46 | 72.6 | 11.44 | 76.0 | 11.36 | 77.8 | 11.32 |
| | 15 | 62.4 | 11.24 | 65.8 | 11.68 | 67.4 | 11.68 | 69.0 | 11.68 | 70.3 | 11.70 | 72.0 | 11.68 | 75.4 | 11.62 | 77.2 | 11.58 |
| | 21 | 62.4 | 11.86 | 64.8 | 12.10 | 66.4 | 12.10 | 68.0 | 12.12 | 69.3 | 12.18 | 71.0 | 12.14 | 74.2 | 12.08 | 76.0 | 12.06 |
| | 23 | 62.4 | 12.14 | 64.4 | 12.28 | 66.0 | 12.30 | 67.6 | 12.30 | 68.8 | 12.36 | 70.4 | 12.34 | 73.4 | 12.44 | 75.0 | 12.48 |
| | 25 | 62.4 | 12.44 | 64.0 | 12.48 | 65.6 | 12.50 | 67.0 | 12.58 | 68.0 | 12.74 | 69.4 | 12.80 | 72.4 | 12.92 | 73.8 | 12.98 |
| | 27 | 61.8 | 12.78 | 63.2 | 12.86 | 64.6 | 12.96 | 66.0 | 13.04 | 66.9 | 13.22 | 68.4 | 13.28 | 71.2 | 13.40 | 72.6 | 13.46 |
| | 30 | 60.4 | 13.46 | 61.8 | 13.56 | 63.2 | 13.64 | 64.6 | 13.74 | 65.3 | 13.94 | 66.6 | 14.00 | 69.4 | 14.14 | 70.8 | 14.20 |
| | 33 | 59.0 | 14.14 | 60.4 | 14.24 | 61.6 | 14.34 | 63.0 | 14.44 | 63.6 | 14.66 | 65.0 | 14.74 | 67.6 | 14.90 | 69.0 | 14.98 |
| | 35 | 58.0 | 14.60 | 59.4 | 14.72 | 60.6 | 14.84 | 62.0 | 14.94 | 62.4 | 15.20 | 63.8 | 15.30 | 66.4 | 15.48 | 67.6 | 15.58 |
| | 37 | 57.0 | 15.10 | 58.2 | 15.22 | 59.6 | 15.36 | 60.8 | 15.46 | 61.2 | 15.76 | 62.6 | 15.86 | 65.0 | 16.06 | 66.4 | 16.16 |
| | 40 | 55.4 | 15.88 | 56.6 | 16.00 | 57.8 | 16.14 | 59.0 | 16.26 | 59.4 | 16.60 | 60.6 | 16.72 | 63.2 | 16.94 | 64.4 | 17.04 |
| | 43 | 53.6 | 16.64 | 54.8 | 16.78 | 56.0 | 16.92 | 57.4 | 17.06 | 57.5 | 17.46 | 58.8 | 17.58 | 61.2 | 17.82 | 62.4 | 17.94 |
| | 46 | 52.0 | 17.42 | 53.2 | 17.58 | 54.4 | 17.72 | 55.6 | 17.86 | 55.7 | 18.30 | 56.8 | 18.44 | 59.2 | 18.70 | 60.4 | 18.84 |
| 78.4 (140%) | 10 | 58.2 | 10.22 | 63.2 | 11.06 | 66.4 | 11.44 | 68.0 | 11.44 | 69.7 | 11.48 | 71.4 | 11.46 | 74.6 | 11.40 | 76.4 | 11.36 |
| | 15 | 58.2 | 10.54 | 63.2 | 11.40 | 66.0 | 11.68 | 67.6 | 11.68 | 69.1 | 11.72 | 70.8 | 11.70 | 74.2 | 11.64 | 75.8 | 11.60 |
| | 21 | 58.2 | 11.12 | 63.2 | 12.02 | 65.0 | 12.10 | 66.6 | 12.12 | 68.1 | 12.18 | 69.8 | 12.16 | 73.0 | 12.12 | 74.8 | 12.08 |
| | 23 | 58.2 | 11.36 | 63.2 | 12.28 | 64.6 | 12.28 | 66.2 | 12.30 | 67.7 | 12.38 | 69.4 | 12.36 | 72.4 | 12.40 | 73.8 | 12.44 |
| | 25 | 58.2 | 11.64 | 62.8 | 12.48 | 64.2 | 12.48 | 65.8 | 12.52 | 67.0 | 12.68 | 68.4 | 12.76 | 71.2 | 12.88 | 72.8 | 12.94 |
| | 27 | 58.2 | 11.96 | 62.0 | 12.80 | 63.4 | 12.88 | 64.8 | 12.98 | 66.0 | 13.16 | 67.4 | 13.24 | 70.2 | 13.36 | 71.6 | 13.42 |
| | 30 | 58.2 | 12.88 | 60.8 | 13.48 | 62.0 | 13.56 | 63.4 | 13.66 | 64.4 | 13.88 | 65.8 | 13.96 | 68.4 | 14.10 | 69.8 | 14.16 |
| | 33 | 58.0 | 14.04 | 59.4 | 14.16 | 60.6 | 14.26 | 62.0 | 14.36 | 62.8 | 14.62 | 64.0 | 14.68 | 66.8 | 14.86 | 68.0 | 14.94 |
| | 35 | 57.0 | 14.52 | 58.4 | 14.62 | 59.6 | 14.74 | 60.8 | 14.86 | 61.6 | 15.14 | 63.0 | 15.24 | 65.4 | 15.42 | 66.8 | 15.52 |
| | 37 | 56.0 | 15.02 | 57.2 | 15.14 | 58.6 | 15.26 | 59.8 | 15.38 | 60.4 | 15.70 | 61.8 | 15.80 | 64.2 | 16.00 | 65.6 | 16.10 |
| | 40 | 54.4 | 15.78 | 55.6 | 15.90 | 56.8 | 16.04 | 58.2 | 16.16 | 58.6 | 16.54 | 59.8 | 16.64 | 62.4 | 16.86 | 63.6 | 16.98 |
| | 43 | 52.8 | 16.54 | 54.0 | 16.68 | 55.2 | 16.82 | 56.4 | 16.96 | 56.8 | 17.38 | 58.0 | 17.50 | 60.4 | 17.74 | 61.8 | 17.86 |
| | 46 | 51.2 | 17.32 | 52.4 | 17.46 | 53.4 | 17.62 | 54.6 | 17.76 | 55.0 | 18.24 | 56.2 | 18.36 | 58.6 | 18.64 | 59.8 | 18.76 |
| 72.8 (130%) | 10 | 54.0 | 9.54 | 58.8 | 10.32 | 63.4 | 11.10 | 66.4 | 11.44 | 68.4 | 11.50 | 70.0 | 11.48 | 73.2 | 11.42 | 75.0 | 11.38 |
| | 15 | 54.0 | 9.82 | 58.8 | 10.62 | 63.4 | 11.42 | 66.0 | 11.68 | 67.9 | 11.74 | 69.4 | 11.72 | 72.8 | 11.68 | 74.4 | 11.64 |
| | 21 | 54.0 | 10.36 | 58.8 | 11.20 | 63.4 | 12.06 | 65.0 | 12.10 | 66.9 | 12.20 | 68.4 | 12.18 | 71.6 | 12.14 | 73.4 | 12.10 |
| | 23 | 54.0 | 10.60 | 58.8 | 11.46 | 63.2 | 12.28 | 64.8 | 12.28 | 66.5 | 12.38 | 68.0 | 12.38 | 71.2 | 12.34 | 72.6 | 12.40 |
| | 25 | 54.0 | 10.86 | 58.8 | 11.74 | 62.8 | 12.48 | 64.4 | 12.48 | 66.0 | 12.64 | 67.4 | 12.70 | 70.2 | 12.84 | 71.6 | 12.90 |
| | 27 | 54.0 | 11.14 | 58.8 | 12.06 | 62.2 | 12.80 | 63.6 | 12.88 | 64.9 | 13.12 | 66.4 | 13.18 | 69.0 | 13.32 | 70.4 | 13.38 |
| | 30 | 54.0 | 11.64 | 58.8 | 13.06 | 60.8 | 13.48 | 62.2 | 13.58 | 63.4 | 13.84 | 64.8 | 13.90 | 67.4 | 14.04 | 68.8 | 14.12 |
| | 33 | 54.0 | 12.72 | 58.2 | 14.06 | 59.4 | 14.16 | 60.8 | 14.26 | 61.8 | 14.56 | 63.2 | 14.64 | 65.8 | 14.78 | 67.0 | 14.88 |
| | 35 | 54.0 | 13.52 | 57.2 | 14.52 | 58.4 | 14.64 | 59.8 | 14.76 | 60.7 | 15.08 | 62.0 | 15.18 | 64.6 | 15.36 | 65.8 | 15.44 |
| | 37 | 54.0 | 14.44 | 56.2 | 15.04 | 57.4 | 15.16 | 58.6 | 15.28 | 59.6 | 15.62 | 60.8 | 15.74 | 63.4 | 15.92 | 64.6 | 16.02 |
| | 40 | 53.4 | 15.66 | 54.6 | 15.80 | 55.8 | 15.92 | 57.0 | 16.06 | 57.8 | 16.46 | 59.0 | 16.58 | 61.4 | 16.80 | 62.8 | 16.90 |
| | 43 | 51.8 | 16.44 | 53.0 | 16.58 | 54.2 | 16.70 | 55.4 | 16.84 | 56.1 | 17.30 | 57.2 | 17.42 | 59.6 | 17.66 | 60.8 | 17.78 |
| | 46 | 50.2 | 17.20 | 51.4 | 17.36 | 52.6 | 17.50 | 53.8 | 17.64 | 54.3 | 18.14 | 55.4 | 18.28 | 57.8 | 18.54 | 59.0 | 18.68 |
| 67.2 (120%) | 10 | 49.8 | 8.86 | 54.2 | 9.58 | 58.6 | 10.28 | 62.8 | 11.00 | 66.9 | 11.52 | 68.4 | 11.50 | 71.6 | 11.44 | 73.2 | 11.42 |
| | 15 | 49.8 | 9.12 | 54.2 | 9.86 | 58.6 | 10.60 | 62.8 | 11.34 | 66.4 | 11.76 | 68.0 | 11.74 | 71.2 | 11.70 | 72.8 | 11.66 |
| | 21 | 49.8 | 9.62 | 54.2 | 10.40 | 58.6 | 11.18 | 62.8 | 11.96 | 65.5 | 12.20 | 67.0 | 12.20 | 70.2 | 12.16 | 71.8 | 12.14 |
| | 23 | 49.8 | 9.82 | 54.2 | 10.62 | 58.6 | 11.42 | 62.8 | 12.24 | 65.1 | 12.40 | 66.6 | 12.38 | 69.8 | 12.36 | 71.2 | 12.34 |
| | 25 | 49.8 | 10.06 | 54.2 | 10.88 | 58.6 | 11.72 | 62.6 | 12.48 | 64.7 | 12.60 | 66.2 | 12.64 | 68.8 | 12.78 | 70.2 | 12.84 |
| | 27 | 49.8 | 10.34 | 54.2 | 11.18 | 58.6 | 12.02 | 62.0 | 12.78 | 63.8 | 13.06 | 65.2 | 13.12 | 67.8 | 13.26 | 69.2 | 13.32 |
| | 30 | 49.8 | 10.80 | 54.2 | 11.68 | 58.6 | 13.00 | 60.8 | 13.48 | 62.3 | 13.76 | 63.6 | 13.84 | 66.2 | 13.98 | 67.6 | 14.06 |
| | 33 | 49.8 | 11.42 | 54.2 | 12.78 | 58.2 | 14.06 | 59.4 | 14.16 | 60.8 | 14.48 | 62.0 | 14.56 | 64.6 | 14.72 | 65.8 | 14.80 |
| | 35 | 49.8 | 12.12 | 54.2 | 13.58 | 57.2 | 14.52 | 58.4 | 14.64 | 59.7 | 15.00 | 61.0 | 15.10 | 63.4 | 15.28 | 64.6 | 15.36 |
| | 37 | 49.8 | 12.88 | 54.2 | 14.52 | 56.2 | 15.04 | 57.4 | 15.16 | 58.6 | 15.54 | 59.8 | 15.64 | 62.2 | 15.84 | 63.4 | 15.94 |
| | 40 | 49.8 | 14.24 | 53.4 | 15.68 | 54.6 | 15.80 | 55.8 | 15.92 | 56.9 | 16.38 | 58.0 | 16.48 | 60.4 | 16.70 | 61.6 | 16.80 |
| | 43 | 49.8 | 15.76 | 52.0 | 16.44 | 53.2 | 16.58 | 54.2 | 16.72 | 55.2 | 17.20 | 56.4 | 17.32 | 58.6 | 17.56 | 59.8 | 17.68 |
| | 46 | 49.2 | 17.08 | 50.4 | 17.22 | 51.6 | 17.36 | 52.6 | 17.50 | 53.4 | 18.04 | 54.6 | 18.18 | 56.8 | 18.44 | 58.0 | 18.58 |
| 61.6 (110%) | 10 | 45.8 | 8.16 | 49.6 | 8.82 | 53.6 | 9.48 | 57.6 | 10.14 | 61.6 | 10.66 | 66.8 | 11.52 | 69.8 | 11.48 | 71.4 | 11.46 |
| | 15 | 45.8 | 8.40 | 49.6 | 9.08 | 53.6 | 9.76 | 57.6 | 10.44 | 61.6 | 11.00 | 66.4 | 11.76 | 69.4 | 11.72 | 71.0 | 11.70 |
| | 21 | 45.8 | 8.86 | 49.6 | 9.58 | 53.6 | 10.30 | 57.6 | 11.02 | 61.6 | 11.62 | 65.4 | 12.20 | 68.4 | 12.18 | 70.0 | 12.16 |
| | 23 | 45.8 | 9.06 | 49.6 | 9.80 | 53.6 | 10.52 | 57.6 | 11.26 | 61.6 | 11.90 | 65.0 | 12.40 | 68.0 | 12.38 | 69.6 | 12.36 |
| | 25 | 45.8 | 9.28 | 49.6 | 10.04 | 53.6 | 10.78 | 57.6 | 11.54 | 61.6 | 12.20 | 64.6 | 12.60 | 67.4 | 12.70 | 68.8 | 12.76 |
| | 27 | 45.8 | 9.52 | 49.6 | 10.30 | 53.6 | 11.08 | 57.6 | 11.86 | 61.6 | 12.66 | 63.8 | 13.04 | 66.4 | 13.18 | 67.6 | 13.26 |
| | 30 | 45.8 | 9.94 | 49.6 | 10.76 | 53.6 | 11.56 | 57.6 | 12.72 | 61.0 | 13.68 | 62.2 | 13.76 | 64.8 | 13.92 | 66.2 | 13.98 |
| | 33 | 45.8 | 10.42 | 49.6 | 11.36 | 53.6 | 12.60 | 57.6 | 13.94 | 59.5 | 14.40 | 60.8 | 14.48 | 63.2 | 14.64 | 64.6 | 14.72 |
| | 35 | 45.8 | 10.80 | 49.6 | 12.06 | 53.6 | 13.40 | 57.0 | 14.50 | 58.5 | 14.90 | 59.8 | 15.00 | 62.2 | 15.18 | 63.4 | 15.28 |
| | 37 | 45.8 | 11.46 | 49.6 | 12.82 | 53.6 | 14.30 | 56.0 | 15.02 | 57.5 | 15.44 | 58.6 | 15.56 | 61.0 | 15.76 | 62.2 | 15.84 |
| | 40 | 45.8 | 12.62 | 49.6 | 14.16 | 53.4 | 15.66 | 54.4 | 15.78 | 55.8 | 16.26 | 57.0 | 16.38 | 59.4 | 16.60 | 60.6 | 16.70 |
| | 43 | 45.8 | 13.94 | 49.6 | 15.68 | 51.8 | 16.44 | 53.0 | 16.56 | 54.2 | 17.10 | 55.4 | 17.22 | 57.6 | 17.46 | 58.8 | 17.58 |
| | 46 | 45.8 | 15.42 | 49.2 | 17.06 | 50.4 | 17.22 | 51.4 | 17.36 | 52.5 | 17.94 | 53.6 | 18.06 | 55.8 | 18.32 | 57.0 | 18.46 |
| 56.0 (100%) | 10 | 41.6 | 7.48 | 45.2 | 8.08 | 48.8 | 8.68 | 52.4 | 9.28 | 56.0 | 9.74 | 60.8 | 10.52 | 67.8 | 11.50 | 69.4 | 11.48 |
| | 15 | 41.6 | 7.70 | 45.2 | 8.30 | 48.8 | 8.92 | 52.4 | 9.54 | 56.0 | 10.04 | 60.8 | 10.84 | 67.4 | 11.74 | 69.0 | 11.72 |
| | 21 | 41.6 | 8.10 | 45.2 | 8.76 | 48.8 | 9.42 | 52.4 | 10.06 | 56.0 | 10.62 | 60.8 | 11.48 | 66.6 | 12.20 | 68.0 | 12.18 |
| | 23 | 41.6 | 8.28 | 45.2 | 8.96 | 48.8 | 9.62 | 52.4 | 10.30 | 56.0 | 10.88 | 60.8 | 11.74 | 66.2 | 12.40 | 67.6 | 12.38 |
| | 25 | 41.6 | 8.48 | 45.2 | 9.18 | 48.8 | 9.86 | 52.4 | 10.54 | 56.0 | 11.14 | 60.8 | 12.04 | 65.6 | 12.62 | 67.0 | 12.68 |
| | 27 | 41.6 | 8.72 | 45.2 | 9.42 | 48.8 | 10.12 | 52.4 | 10.82 | 56.0 | 11.46 | 60.8 | 12.40 | 64.8 | 13.10 | 66.0 | 13.16 |
| | 30 | 41.6 | 9.10 | 45.2 | 9.84 | 48.8 | 10.58 | 52.4 | 11.30 | 56.0 | 12.14 | 60.8 | 13.66 | 63.2 | 13.82 | 64.6 | 13.90 |
| | 33 | 41.6 | 9.54 | 45.2 | 10.32 | 48.8 | 11.10 | 52.4 | 12.20 | 56.0 | 13.36 | 59.4 | 14.40 | 61.8 | 14.56 | 63.0 | 14.62 |
| | 35 | 41.6 | 9.86 | 45.2 | 10.68 | 48.8 | 11.76 | 52.4 | 12.96 | 56.0 | 14.22 | 58.4 | 14.90 | 60.8 | 15.08 | 62.0 | 15.18 |
| | 37 | 41.6 | 10.22 | 45.2 | 11.28 | 48.8 | 12.48 | 52.4 | 13.82 | 56.0 | 15.26 | 57.4 | 15.44 | 59.6 | 15.64 | 60.8 | 15.74 |
| | 40 | 41.6 | 11.10 | 45.2 | 12.42 | 48.8 | 13.80 | 52.4 | 15.28 | 54.6 | 16.14 | 55.8 | 16.26 | 58.0 | 16.48 | 59.2 | 16.58 |
| | 43 | 41.6 | 12.26 | 45.2 | 13.72 | 48.8 | 15.26 | 51.6 | 16.40 | 53.0 | 16.96 | 54.2 | 17.10 | 56.4 | 17.34 | 57.4 | 17.44 |
| | 46 | 41.6 | 13.52 | 45.2 | 15.16 | 48.8 | 16.90 | 50.0 | 17.18 | 51.4 | 17.80 | 52.4 | 17.94 | 54.6 | 18.20 | 55.8 | 18.32 |

MODEL SELECTION

| Cooling capacity at rated condition: 56.0 kW (20HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 50.4 (90%) | 10 | 37.4 | 6.78 | 40.6 | 7.32 | 43.8 | 7.86 | 47.2 | 8.40 | 50.4 | 8.84 | 54.6 | 9.54 | 63.2 | 10.92 | 67.0 | 11.52 |
| | 15 | 37.4 | 6.98 | 40.6 | 7.54 | 43.8 | 8.10 | 47.2 | 8.64 | 50.4 | 9.10 | 54.6 | 9.82 | 63.2 | 11.26 | 66.6 | 11.76 |
| | 21 | 37.4 | 7.36 | 40.6 | 7.94 | 43.8 | 8.54 | 47.2 | 9.12 | 50.4 | 9.62 | 54.6 | 10.38 | 63.2 | 11.92 | 65.8 | 12.20 |
| | 23 | 37.4 | 7.52 | 40.6 | 8.12 | 43.8 | 8.72 | 47.2 | 9.32 | 50.4 | 9.84 | 54.6 | 10.62 | 63.2 | 12.20 | 65.4 | 12.40 |
| | 25 | 37.4 | 7.70 | 40.6 | 8.32 | 43.8 | 8.94 | 47.2 | 9.56 | 50.4 | 10.10 | 54.6 | 10.90 | 63.2 | 12.50 | 65.0 | 12.60 |
| | 27 | 37.4 | 7.90 | 40.6 | 8.54 | 43.8 | 9.18 | 47.2 | 9.80 | 50.4 | 10.38 | 54.6 | 11.20 | 62.8 | 13.00 | 64.0 | 13.06 |
| | 30 | 37.4 | 8.24 | 40.6 | 8.90 | 43.8 | 9.58 | 47.2 | 10.24 | 50.4 | 10.84 | 54.6 | 11.74 | 61.4 | 13.72 | 62.8 | 13.80 |
| | 33 | 37.4 | 8.64 | 40.6 | 9.34 | 43.8 | 10.04 | 47.2 | 10.74 | 50.4 | 11.54 | 54.6 | 12.92 | 60.0 | 14.44 | 61.2 | 14.52 |
| | 35 | 37.4 | 8.94 | 40.6 | 9.66 | 43.8 | 10.40 | 47.2 | 11.24 | 50.4 | 12.28 | 54.6 | 13.74 | 59.2 | 14.96 | 60.2 | 15.04 |
| | 37 | 37.4 | 9.26 | 40.6 | 10.02 | 43.8 | 10.88 | 47.2 | 11.94 | 50.4 | 13.08 | 54.6 | 14.72 | 58.0 | 15.50 | 59.2 | 15.60 |
| | 40 | 37.4 | 9.82 | 40.6 | 10.80 | 43.8 | 11.94 | 47.2 | 13.18 | 50.4 | 14.50 | 54.2 | 16.12 | 56.6 | 16.34 | 57.6 | 16.44 |
| | 43 | 37.4 | 10.68 | 40.6 | 11.90 | 43.8 | 13.20 | 47.2 | 14.56 | 50.4 | 16.08 | 52.8 | 16.94 | 55.0 | 17.18 | 56.0 | 17.30 |
| | 46 | 37.4 | 11.78 | 40.6 | 13.14 | 43.8 | 14.58 | 47.2 | 16.10 | 50.1 | 17.64 | 51.2 | 17.78 | 53.2 | 18.04 | 54.4 | 18.16 |
| 44.8 (80%) | 10 | 33.2 | 6.10 | 36.2 | 6.58 | 39.0 | 7.06 | 42.0 | 7.54 | 44.8 | 7.92 | 48.6 | 8.54 | 56.2 | 9.78 | 60.0 | 10.40 |
| | 15 | 33.2 | 6.28 | 36.2 | 6.76 | 39.0 | 7.26 | 42.0 | 7.76 | 44.8 | 8.16 | 48.6 | 8.80 | 56.2 | 10.08 | 60.0 | 10.72 |
| | 21 | 33.2 | 6.60 | 36.2 | 7.12 | 39.0 | 7.66 | 42.0 | 8.18 | 44.8 | 8.62 | 48.6 | 9.30 | 56.2 | 10.66 | 60.0 | 11.34 |
| | 23 | 33.2 | 6.74 | 36.2 | 7.28 | 39.0 | 7.82 | 42.0 | 8.36 | 44.8 | 8.82 | 48.6 | 9.52 | 56.2 | 10.90 | 60.0 | 11.60 |
| | 25 | 33.2 | 6.92 | 36.2 | 7.46 | 39.0 | 8.00 | 42.0 | 8.56 | 44.8 | 9.04 | 48.6 | 9.76 | 56.2 | 11.18 | 60.0 | 11.90 |
| | 27 | 33.2 | 7.08 | 36.2 | 7.66 | 39.0 | 8.22 | 42.0 | 8.78 | 44.8 | 9.28 | 48.6 | 10.02 | 56.2 | 11.50 | 60.0 | 12.24 |
| | 30 | 33.2 | 7.40 | 36.2 | 7.98 | 39.0 | 8.58 | 42.0 | 9.16 | 44.8 | 9.72 | 48.6 | 10.48 | 56.2 | 12.20 | 60.0 | 13.40 |
| | 33 | 33.2 | 7.74 | 36.2 | 8.36 | 39.0 | 9.00 | 42.0 | 9.62 | 44.8 | 10.20 | 48.6 | 11.02 | 56.2 | 13.42 | 59.2 | 14.38 |
| | 35 | 33.2 | 8.02 | 36.2 | 8.66 | 39.0 | 9.30 | 42.0 | 9.94 | 44.8 | 10.56 | 48.6 | 11.68 | 56.2 | 14.30 | 58.4 | 14.88 |
| | 37 | 33.2 | 8.30 | 36.2 | 8.98 | 39.0 | 9.64 | 42.0 | 10.32 | 44.8 | 11.16 | 48.6 | 12.42 | 56.2 | 15.32 | 57.4 | 15.44 |
| | 40 | 33.2 | 8.80 | 36.2 | 9.52 | 39.0 | 10.24 | 42.0 | 11.24 | 44.8 | 12.30 | 48.6 | 13.78 | 54.8 | 16.16 | 55.8 | 16.26 |
| | 43 | 33.2 | 9.42 | 36.2 | 10.24 | 39.0 | 11.28 | 42.0 | 12.40 | 44.8 | 13.62 | 48.6 | 15.26 | 53.2 | 17.00 | 54.2 | 17.10 |
| | 46 | 33.2 | 10.14 | 36.2 | 11.26 | 39.0 | 12.44 | 42.0 | 13.68 | 44.8 | 15.08 | 48.6 | 16.92 | 51.6 | 17.84 | 52.8 | 17.96 |
| 39.2 (70%) | 10 | 29.0 | 5.42 | 31.6 | 5.84 | 34.2 | 6.26 | 36.6 | 6.66 | 39.2 | 7.00 | 42.6 | 7.54 | 49.2 | 8.64 | 52.4 | 9.18 |
| | 15 | 29.0 | 5.56 | 31.6 | 6.00 | 34.2 | 6.42 | 36.6 | 6.86 | 39.2 | 7.22 | 42.6 | 7.78 | 49.2 | 8.90 | 52.4 | 9.46 |
| | 21 | 29.0 | 5.86 | 31.6 | 6.32 | 34.2 | 6.76 | 36.6 | 7.22 | 39.2 | 7.62 | 42.6 | 8.22 | 49.2 | 9.40 | 52.4 | 10.00 |
| | 23 | 29.0 | 5.98 | 31.6 | 6.44 | 34.2 | 6.92 | 36.6 | 7.38 | 39.2 | 7.78 | 42.6 | 8.40 | 49.2 | 9.62 | 52.4 | 10.22 |
| | 25 | 29.0 | 6.12 | 31.6 | 6.60 | 34.2 | 7.08 | 36.6 | 7.56 | 39.2 | 7.98 | 42.6 | 8.62 | 49.2 | 9.86 | 52.4 | 10.48 |
| | 27 | 29.0 | 6.28 | 31.6 | 6.78 | 34.2 | 7.26 | 36.6 | 7.76 | 39.2 | 8.20 | 42.6 | 8.84 | 49.2 | 10.14 | 52.4 | 10.78 |
| | 30 | 29.0 | 6.54 | 31.6 | 7.06 | 34.2 | 7.58 | 36.6 | 8.10 | 39.2 | 8.58 | 42.6 | 9.24 | 49.2 | 10.60 | 52.4 | 11.28 |
| | 33 | 29.0 | 6.86 | 31.6 | 7.40 | 34.2 | 7.94 | 36.6 | 8.48 | 39.2 | 9.00 | 42.6 | 9.72 | 49.2 | 11.16 | 52.4 | 12.20 |
| | 35 | 29.0 | 7.08 | 31.6 | 7.66 | 34.2 | 8.22 | 36.6 | 8.78 | 39.2 | 9.32 | 42.6 | 10.06 | 49.2 | 11.86 | 52.4 | 12.98 |
| | 37 | 29.0 | 7.34 | 31.6 | 7.92 | 34.2 | 8.52 | 36.6 | 9.10 | 39.2 | 9.68 | 42.6 | 10.44 | 49.2 | 12.64 | 52.4 | 13.86 |
| | 40 | 29.0 | 7.78 | 31.6 | 8.40 | 34.2 | 9.02 | 36.6 | 9.64 | 39.2 | 10.30 | 42.6 | 11.46 | 49.2 | 14.00 | 52.4 | 15.38 |
| | 43 | 29.0 | 8.32 | 31.6 | 9.00 | 34.2 | 9.66 | 36.6 | 10.42 | 39.2 | 11.38 | 42.6 | 12.68 | 49.2 | 15.52 | 52.2 | 16.88 |
| | 46 | 29.0 | 8.96 | 31.6 | 9.68 | 34.2 | 10.50 | 36.6 | 11.48 | 39.2 | 12.58 | 42.6 | 14.02 | 49.2 | 17.20 | 50.8 | 17.72 |
| 33.6 (60%) | 10 | 25.0 | 4.72 | 27.0 | 5.08 | 29.2 | 5.44 | 31.4 | 5.80 | 33.6 | 6.10 | 36.4 | 6.56 | 42.2 | 7.48 | 45.0 | 7.96 |
| | 15 | 25.0 | 4.86 | 27.0 | 5.22 | 29.2 | 5.60 | 31.4 | 5.96 | 33.6 | 6.26 | 36.4 | 6.74 | 42.2 | 7.72 | 45.0 | 8.20 |
| | 21 | 25.0 | 5.10 | 27.0 | 5.50 | 29.2 | 5.88 | 31.4 | 6.28 | 33.6 | 6.62 | 36.4 | 7.12 | 42.2 | 8.14 | 45.0 | 8.66 |
| | 23 | 25.0 | 5.22 | 27.0 | 5.62 | 29.2 | 6.02 | 31.4 | 6.42 | 33.6 | 6.76 | 36.4 | 7.28 | 42.2 | 8.32 | 45.0 | 8.86 |
| | 25 | 25.0 | 5.34 | 27.0 | 5.74 | 29.2 | 6.16 | 31.4 | 6.56 | 33.6 | 6.92 | 36.4 | 7.46 | 42.2 | 8.54 | 45.0 | 9.08 |
| | 27 | 25.0 | 5.46 | 27.0 | 5.90 | 29.2 | 6.32 | 31.4 | 6.74 | 33.6 | 7.12 | 36.4 | 7.66 | 42.2 | 8.78 | 45.0 | 9.32 |
| | 30 | 25.0 | 5.70 | 27.0 | 6.14 | 29.2 | 6.58 | 31.4 | 7.02 | 33.6 | 7.44 | 36.4 | 8.02 | 42.2 | 9.16 | 45.0 | 9.74 |
| | 33 | 25.0 | 5.96 | 27.0 | 6.42 | 29.2 | 6.90 | 31.4 | 7.36 | 33.6 | 7.80 | 36.4 | 8.40 | 42.2 | 9.64 | 45.0 | 10.24 |
| | 35 | 25.0 | 6.16 | 27.0 | 6.64 | 29.2 | 7.12 | 31.4 | 7.62 | 33.6 | 8.08 | 36.4 | 8.70 | 42.2 | 9.98 | 45.0 | 10.60 |
| | 37 | 25.0 | 6.38 | 27.0 | 6.88 | 29.2 | 7.38 | 31.4 | 7.88 | 33.6 | 8.38 | 36.4 | 9.04 | 42.2 | 10.36 | 45.0 | 11.22 |
| | 40 | 25.0 | 6.76 | 27.0 | 7.28 | 29.2 | 7.82 | 31.4 | 8.36 | 33.6 | 8.90 | 36.4 | 9.60 | 42.2 | 11.34 | 45.0 | 12.38 |
| | 43 | 25.0 | 7.22 | 27.0 | 7.80 | 29.2 | 8.38 | 31.4 | 8.94 | 33.6 | 9.54 | 36.4 | 10.36 | 42.2 | 12.54 | 45.0 | 13.70 |
| | 46 | 25.0 | 7.76 | 27.0 | 8.38 | 29.2 | 9.00 | 31.4 | 9.62 | 33.6 | 10.32 | 36.4 | 11.44 | 42.2 | 13.86 | 45.0 | 15.16 |
| 28.0 (50%) | 10 | 20.8 | 4.04 | 22.6 | 4.34 | 24.4 | 4.64 | 26.2 | 4.94 | 28.0 | 5.18 | 30.4 | 5.56 | 35.2 | 6.34 | 37.4 | 6.72 |
| | 15 | 20.8 | 4.14 | 22.6 | 4.46 | 24.4 | 4.76 | 26.2 | 5.08 | 28.0 | 5.32 | 30.4 | 5.72 | 35.2 | 6.52 | 37.4 | 6.92 |
| | 21 | 20.8 | 4.36 | 22.6 | 4.68 | 24.4 | 5.00 | 26.2 | 5.34 | 28.0 | 5.62 | 30.4 | 6.04 | 35.2 | 6.88 | 37.4 | 7.32 |
| | 23 | 20.8 | 4.44 | 22.6 | 4.78 | 24.4 | 5.12 | 26.2 | 5.44 | 28.0 | 5.74 | 30.4 | 6.18 | 35.2 | 7.04 | 37.4 | 7.48 |
| | 25 | 20.8 | 4.54 | 22.6 | 4.88 | 24.4 | 5.24 | 26.2 | 5.58 | 28.0 | 5.88 | 30.4 | 6.32 | 35.2 | 7.22 | 37.4 | 7.66 |
| | 27 | 20.8 | 4.66 | 22.6 | 5.00 | 24.4 | 5.36 | 26.2 | 5.72 | 28.0 | 6.02 | 30.4 | 6.48 | 35.2 | 7.42 | 37.4 | 7.88 |
| | 30 | 20.8 | 4.84 | 22.6 | 5.22 | 24.4 | 5.58 | 26.2 | 5.96 | 28.0 | 6.30 | 30.4 | 6.78 | 35.2 | 7.74 | 37.4 | 8.22 |
| | 33 | 20.8 | 5.06 | 22.6 | 5.46 | 24.4 | 5.84 | 26.2 | 6.24 | 28.0 | 6.60 | 30.4 | 7.10 | 35.2 | 8.12 | 37.4 | 8.64 |
| | 35 | 20.8 | 5.24 | 22.6 | 5.64 | 24.4 | 6.04 | 26.2 | 6.44 | 28.0 | 6.82 | 30.4 | 7.36 | 35.2 | 8.42 | 37.4 | 8.94 |
| | 37 | 20.8 | 5.42 | 22.6 | 5.84 | 24.4 | 6.26 | 26.2 | 6.68 | 28.0 | 7.08 | 30.4 | 7.62 | 35.2 | 8.72 | 37.4 | 9.28 |
| | 40 | 20.8 | 5.72 | 22.6 | 6.18 | 24.4 | 6.62 | 26.2 | 7.06 | 28.0 | 7.52 | 30.4 | 8.10 | 35.2 | 9.26 | 37.4 | 9.86 |
| | 43 | 20.8 | 6.12 | 22.6 | 6.60 | 24.4 | 7.08 | 26.2 | 7.56 | 28.0 | 8.06 | 30.4 | 8.68 | 35.2 | 9.94 | 37.4 | 10.74 |
| | 46 | 20.8 | 6.56 | 22.6 | 7.08 | 24.4 | 7.60 | 26.2 | 8.12 | 28.0 | 8.66 | 30.4 | 9.36 | 35.2 | 10.92 | 37.4 | 11.86 |

# ■ Model: AJ∗198GALDH

| Cooling capacity at rated condition: 61.5 kW (22HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 92.2 (150%) | 10 | 68.5 | 12.94 | 72.3 | 13.46 | 74.0 | 13.46 | 75.8 | 13.45 | 77.4 | 13.48 | 79.3 | 13.45 | 83.0 | 13.36 | 84.9 | 13.31 |
| | 15 | 68.5 | 13.33 | 71.8 | 13.73 | 73.6 | 13.73 | 75.3 | 13.73 | 76.8 | 13.76 | 78.6 | 13.74 | 82.3 | 13.66 | 84.2 | 13.61 |
| | 21 | 68.5 | 14.06 | 70.8 | 14.23 | 72.5 | 14.24 | 74.3 | 14.25 | 75.6 | 14.32 | 77.5 | 14.28 | 81.1 | 14.21 | 83.0 | 14.18 |
| | 23 | 68.4 | 14.37 | 70.4 | 14.44 | 72.1 | 14.46 | 73.8 | 14.46 | 75.2 | 14.54 | 76.9 | 14.51 | 80.3 | 14.57 | 82.0 | 14.62 |
| | 25 | 68.2 | 14.65 | 69.9 | 14.68 | 71.6 | 14.70 | 73.3 | 14.75 | 74.4 | 14.93 | 75.9 | 15.00 | 79.1 | 15.14 | 80.7 | 15.20 |
| | 27 | 67.6 | 14.99 | 69.1 | 15.09 | 70.6 | 15.20 | 72.2 | 15.30 | 73.2 | 15.50 | 74.7 | 15.57 | 77.8 | 15.71 | 79.4 | 15.78 |
| | 30 | 66.0 | 15.79 | 67.5 | 15.91 | 69.1 | 16.01 | 70.6 | 16.12 | 71.4 | 16.35 | 72.8 | 16.43 | 75.9 | 16.58 | 77.4 | 16.65 |
| | 33 | 64.5 | 16.59 | 66.0 | 16.71 | 67.4 | 16.83 | 68.9 | 16.95 | 69.5 | 17.20 | 71.0 | 17.29 | 73.9 | 17.48 | 75.4 | 17.57 |
| | 35 | 63.4 | 17.14 | 64.9 | 17.28 | 66.2 | 17.41 | 67.7 | 17.54 | 68.2 | 17.84 | 69.7 | 17.95 | 72.6 | 18.16 | 73.9 | 18.27 |
| | 37 | 62.3 | 17.74 | 63.6 | 17.88 | 65.1 | 18.03 | 66.4 | 18.16 | 66.9 | 18.50 | 68.4 | 18.62 | 71.1 | 18.85 | 72.6 | 18.96 |
| | 40 | 60.5 | 18.65 | 61.8 | 18.80 | 63.2 | 18.95 | 64.5 | 19.10 | 64.9 | 19.50 | 66.2 | 19.63 | 69.0 | 19.89 | 70.4 | 20.01 |
| | 43 | 58.6 | 19.56 | 59.9 | 19.72 | 61.2 | 19.88 | 62.7 | 20.04 | 62.9 | 20.51 | 64.2 | 20.65 | 66.9 | 20.93 | 68.2 | 21.07 |
| | 46 | 56.8 | 20.48 | 58.1 | 20.66 | 59.4 | 20.83 | 60.7 | 21.00 | 60.8 | 21.51 | 62.1 | 21.67 | 64.7 | 21.98 | 66.0 | 22.13 |
| 86.1 (140%) | 10 | 63.9 | 12.12 | 69.4 | 13.12 | 72.5 | 13.46 | 74.3 | 13.46 | 76.1 | 13.50 | 77.9 | 13.47 | 81.5 | 13.40 | 83.4 | 13.35 |
| | 15 | 63.9 | 12.49 | 69.4 | 13.51 | 72.0 | 13.73 | 73.8 | 13.73 | 75.5 | 13.79 | 77.3 | 13.76 | 81.0 | 13.69 | 82.8 | 13.64 |
| | 21 | 63.9 | 13.18 | 69.2 | 14.19 | 71.0 | 14.23 | 72.7 | 14.25 | 74.4 | 14.33 | 76.2 | 14.30 | 79.8 | 14.25 | 81.6 | 14.20 |
| | 23 | 63.9 | 13.47 | 69.0 | 14.44 | 70.6 | 14.45 | 72.3 | 14.46 | 74.0 | 14.56 | 75.8 | 14.53 | 79.2 | 14.52 | 80.7 | 14.58 |
| | 25 | 63.9 | 13.80 | 68.5 | 14.67 | 70.2 | 14.68 | 71.9 | 14.71 | 73.3 | 14.87 | 74.8 | 14.95 | 77.9 | 15.09 | 79.6 | 15.16 |
| | 27 | 63.9 | 14.18 | 67.8 | 15.01 | 69.3 | 15.11 | 70.9 | 15.22 | 72.1 | 15.44 | 73.7 | 15.52 | 76.7 | 15.66 | 78.3 | 15.73 |
| | 30 | 63.9 | 15.26 | 66.4 | 15.81 | 67.8 | 15.92 | 69.3 | 16.03 | 70.4 | 16.29 | 71.9 | 16.38 | 74.8 | 16.53 | 76.3 | 16.61 |
| | 33 | 63.4 | 16.49 | 64.9 | 16.62 | 66.2 | 16.74 | 67.7 | 16.85 | 68.6 | 17.15 | 70.0 | 17.23 | 73.0 | 17.42 | 74.4 | 17.52 |
| | 35 | 62.3 | 17.04 | 63.8 | 17.17 | 65.1 | 17.31 | 66.5 | 17.44 | 67.3 | 17.77 | 68.8 | 17.88 | 71.5 | 18.09 | 73.0 | 18.20 |
| | 37 | 61.2 | 17.64 | 62.5 | 17.78 | 64.0 | 17.92 | 65.3 | 18.05 | 66.0 | 18.43 | 67.5 | 18.55 | 70.2 | 18.78 | 71.7 | 18.89 |
| | 40 | 59.4 | 18.54 | 60.8 | 18.68 | 62.1 | 18.84 | 63.5 | 18.98 | 64.1 | 19.42 | 65.4 | 19.55 | 68.2 | 19.80 | 69.5 | 19.93 |
| | 43 | 57.7 | 19.44 | 59.0 | 19.60 | 60.3 | 19.77 | 61.6 | 19.93 | 62.1 | 20.42 | 63.4 | 20.56 | 66.0 | 20.84 | 67.5 | 20.98 |
| | 46 | 55.9 | 20.36 | 57.2 | 20.53 | 58.4 | 20.71 | 59.7 | 20.88 | 60.1 | 21.43 | 61.4 | 21.58 | 64.0 | 21.90 | 65.3 | 22.04 |
| 79.9 (130%) | 10 | 59.3 | 11.31 | 64.5 | 12.23 | 69.6 | 13.16 | 72.5 | 13.46 | 74.7 | 13.52 | 76.5 | 13.50 | 80.0 | 13.43 | 81.9 | 13.39 |
| | 15 | 59.3 | 11.64 | 64.5 | 12.59 | 69.6 | 13.54 | 72.0 | 13.73 | 74.1 | 13.81 | 75.8 | 13.78 | 79.5 | 13.73 | 81.2 | 13.69 |
| | 21 | 59.3 | 12.28 | 64.5 | 13.29 | 69.3 | 14.21 | 71.0 | 14.23 | 73.1 | 14.34 | 74.8 | 14.32 | 78.3 | 14.27 | 80.1 | 14.23 |
| | 23 | 59.3 | 12.56 | 64.5 | 13.59 | 69.0 | 14.44 | 70.7 | 14.45 | 72.6 | 14.56 | 74.3 | 14.55 | 77.8 | 14.51 | 79.4 | 14.53 |
| | 25 | 59.3 | 12.87 | 64.5 | 13.92 | 68.6 | 14.67 | 70.3 | 14.68 | 72.1 | 14.84 | 73.7 | 14.89 | 76.7 | 15.04 | 78.3 | 15.11 |
| | 27 | 59.3 | 13.21 | 64.5 | 14.30 | 68.0 | 15.01 | 69.5 | 15.11 | 71.0 | 15.38 | 72.6 | 15.46 | 75.5 | 15.61 | 77.0 | 15.68 |
| | 30 | 59.3 | 13.80 | 64.5 | 15.47 | 66.5 | 15.82 | 68.0 | 15.93 | 69.3 | 16.23 | 70.8 | 16.31 | 73.7 | 16.47 | 75.2 | 16.55 |
| | 33 | 59.3 | 15.08 | 63.6 | 16.51 | 64.9 | 16.63 | 66.4 | 16.74 | 67.6 | 17.08 | 69.0 | 17.18 | 71.9 | 17.34 | 73.3 | 17.45 |
| | 35 | 59.3 | 16.03 | 62.5 | 17.05 | 63.9 | 17.19 | 65.3 | 17.32 | 66.4 | 17.70 | 67.8 | 17.81 | 70.6 | 18.02 | 71.9 | 18.12 |
| | 37 | 59.3 | 17.13 | 61.4 | 17.66 | 62.7 | 17.80 | 64.1 | 17.94 | 65.1 | 18.34 | 66.5 | 18.47 | 69.3 | 18.69 | 70.6 | 18.80 |
| | 40 | 58.4 | 18.41 | 59.7 | 18.56 | 61.0 | 18.71 | 62.3 | 18.86 | 63.2 | 19.33 | 64.5 | 19.47 | 67.2 | 19.72 | 68.6 | 19.84 |
| | 43 | 56.6 | 19.32 | 57.9 | 19.48 | 59.2 | 19.63 | 60.5 | 19.79 | 61.2 | 20.33 | 62.5 | 20.47 | 65.2 | 20.75 | 66.5 | 20.89 |
| | 46 | 54.9 | 20.23 | 56.2 | 20.40 | 57.4 | 20.57 | 58.7 | 20.74 | 59.3 | 21.33 | 60.5 | 21.49 | 63.1 | 21.79 | 64.4 | 21.95 |
| 73.8 (120%) | 10 | 54.7 | 10.50 | 59.5 | 11.35 | 64.3 | 12.19 | 69.0 | 13.05 | 73.1 | 13.54 | 74.8 | 13.52 | 78.3 | 13.46 | 80.0 | 13.43 |
| | 15 | 54.7 | 10.81 | 59.5 | 11.68 | 64.3 | 12.56 | 69.0 | 13.44 | 72.6 | 13.83 | 74.3 | 13.81 | 77.7 | 13.76 | 79.5 | 13.72 |
| | 21 | 54.7 | 11.40 | 59.5 | 12.33 | 64.3 | 13.25 | 68.9 | 14.16 | 71.5 | 14.35 | 73.2 | 14.34 | 76.7 | 14.30 | 78.4 | 14.27 |
| | 23 | 54.7 | 11.65 | 59.5 | 12.60 | 64.3 | 13.55 | 68.7 | 14.42 | 71.1 | 14.58 | 72.8 | 14.56 | 76.2 | 14.53 | 77.8 | 14.50 |
| | 25 | 54.7 | 11.93 | 59.5 | 12.91 | 64.3 | 13.89 | 68.4 | 14.67 | 70.6 | 14.82 | 72.3 | 14.84 | 75.3 | 14.98 | 76.8 | 15.04 |
| | 27 | 54.7 | 12.26 | 59.5 | 13.26 | 64.3 | 14.26 | 67.8 | 15.00 | 69.7 | 15.31 | 71.2 | 15.39 | 74.1 | 15.55 | 75.6 | 15.62 |
| | 30 | 54.7 | 12.80 | 59.5 | 13.85 | 64.3 | 15.40 | 66.4 | 15.82 | 68.1 | 16.15 | 69.5 | 16.24 | 72.4 | 16.40 | 73.9 | 16.49 |
| | 33 | 54.7 | 13.52 | 59.5 | 15.15 | 63.6 | 16.51 | 64.9 | 16.62 | 66.4 | 17.00 | 67.8 | 17.09 | 70.6 | 17.27 | 72.0 | 17.36 |
| | 35 | 54.7 | 14.36 | 59.5 | 16.10 | 62.5 | 17.05 | 63.9 | 17.19 | 65.3 | 17.61 | 66.6 | 17.72 | 69.3 | 17.93 | 70.7 | 18.03 |
| | 37 | 54.7 | 15.27 | 59.5 | 17.21 | 61.4 | 17.66 | 62.7 | 17.80 | 64.0 | 18.25 | 65.4 | 18.37 | 68.0 | 18.60 | 69.4 | 18.71 |
| | 40 | 54.7 | 16.90 | 58.4 | 18.42 | 59.7 | 18.57 | 61.0 | 18.71 | 62.2 | 19.24 | 63.4 | 19.36 | 66.1 | 19.61 | 67.4 | 19.73 |
| | 43 | 54.7 | 18.71 | 56.8 | 19.33 | 58.1 | 19.49 | 59.3 | 19.65 | 60.3 | 20.22 | 61.6 | 20.36 | 64.1 | 20.64 | 65.4 | 20.77 |
| | 46 | 53.8 | 20.08 | 55.0 | 20.25 | 56.3 | 20.41 | 57.5 | 20.58 | 58.4 | 21.21 | 59.6 | 21.37 | 62.1 | 21.67 | 63.4 | 21.83 |
| 67.6 (110%) | 10 | 50.2 | 9.68 | 54.5 | 10.46 | 58.9 | 11.24 | 63.3 | 12.02 | 67.6 | 12.63 | 73.0 | 13.54 | 76.3 | 13.50 | 78.0 | 13.47 |
| | 15 | 50.2 | 9.96 | 54.5 | 10.77 | 58.9 | 11.57 | 63.3 | 12.38 | 67.7 | 13.03 | 72.5 | 13.83 | 75.8 | 13.78 | 77.5 | 13.76 |
| | 21 | 50.2 | 10.50 | 54.5 | 11.36 | 58.9 | 12.21 | 63.3 | 13.06 | 67.6 | 13.77 | 71.5 | 14.35 | 74.8 | 14.32 | 76.5 | 14.30 |
| | 23 | 50.2 | 10.74 | 54.5 | 11.61 | 58.9 | 12.48 | 63.3 | 13.35 | 67.6 | 14.10 | 71.0 | 14.58 | 74.3 | 14.55 | 76.0 | 14.53 |
| | 25 | 50.2 | 11.00 | 54.5 | 11.90 | 58.9 | 12.78 | 63.3 | 13.68 | 67.7 | 14.46 | 70.6 | 14.82 | 73.7 | 14.89 | 75.2 | 14.96 |
| | 27 | 50.2 | 11.29 | 54.5 | 12.21 | 58.9 | 13.13 | 63.3 | 14.06 | 67.6 | 14.98 | 69.7 | 15.30 | 72.6 | 15.46 | 74.0 | 15.54 |
| | 30 | 50.2 | 11.79 | 54.5 | 12.75 | 58.9 | 13.71 | 63.3 | 15.06 | 66.7 | 16.06 | 68.1 | 16.15 | 70.9 | 16.33 | 72.4 | 16.40 |
| | 33 | 50.2 | 12.36 | 54.5 | 13.46 | 58.9 | 14.94 | 63.1 | 16.43 | 65.1 | 16.91 | 66.5 | 17.00 | 69.2 | 17.18 | 70.6 | 17.27 |
| | 35 | 50.2 | 12.80 | 54.5 | 14.29 | 58.9 | 15.88 | 62.3 | 17.03 | 64.0 | 17.50 | 65.3 | 17.61 | 68.0 | 17.82 | 69.3 | 17.93 |
| | 37 | 50.2 | 13.58 | 54.5 | 15.20 | 58.9 | 16.96 | 61.2 | 17.64 | 62.8 | 18.14 | 64.1 | 18.27 | 66.7 | 18.50 | 68.0 | 18.60 |
| | 40 | 50.2 | 14.97 | 54.5 | 16.81 | 58.3 | 18.40 | 59.5 | 18.54 | 61.0 | 19.11 | 62.3 | 19.24 | 64.9 | 19.50 | 66.2 | 19.62 |
| | 43 | 50.2 | 16.55 | 54.5 | 18.62 | 56.6 | 19.32 | 57.9 | 19.47 | 59.2 | 20.10 | 60.5 | 20.24 | 63.0 | 20.51 | 64.2 | 20.65 |
| | 46 | 50.2 | 18.31 | 53.8 | 20.07 | 55.0 | 20.24 | 56.2 | 20.41 | 57.3 | 21.09 | 58.6 | 21.24 | 61.0 | 21.54 | 62.3 | 21.69 |
| 61.5 (100%) | 10 | 45.7 | 8.87 | 49.6 | 9.58 | 53.6 | 10.29 | 57.5 | 11.00 | 61.5 | 11.55 | 66.7 | 12.47 | 74.1 | 13.53 | 75.8 | 13.50 |
| | 15 | 45.7 | 9.12 | 49.6 | 9.85 | 53.6 | 10.58 | 57.5 | 11.31 | 61.5 | 11.90 | 66.7 | 12.85 | 73.7 | 13.81 | 75.3 | 13.79 |
| | 21 | 45.7 | 9.61 | 49.6 | 10.39 | 53.6 | 11.16 | 57.5 | 11.93 | 61.5 | 12.59 | 66.7 | 13.60 | 72.7 | 14.35 | 74.3 | 14.33 |
| | 23 | 45.7 | 9.82 | 49.6 | 10.62 | 53.6 | 11.41 | 57.5 | 12.21 | 61.5 | 12.89 | 66.7 | 13.91 | 72.3 | 14.58 | 73.9 | 14.56 |
| | 25 | 45.7 | 10.06 | 49.6 | 10.88 | 53.6 | 11.69 | 57.5 | 12.50 | 61.5 | 13.21 | 66.7 | 14.27 | 71.8 | 14.83 | 73.3 | 14.87 |
| | 27 | 45.7 | 10.33 | 49.6 | 11.17 | 53.6 | 12.00 | 57.5 | 12.83 | 61.5 | 13.58 | 66.7 | 14.68 | 70.8 | 15.37 | 72.2 | 15.44 |
| | 30 | 45.7 | 10.78 | 49.6 | 11.66 | 53.6 | 12.54 | 57.5 | 13.40 | 61.5 | 14.38 | 66.5 | 16.04 | 69.2 | 16.22 | 70.6 | 16.31 |
| | 33 | 45.7 | 11.31 | 49.6 | 12.23 | 53.6 | 13.15 | 57.5 | 14.46 | 61.5 | 15.82 | 64.9 | 16.90 | 67.6 | 17.09 | 68.9 | 17.16 |
| | 35 | 45.7 | 11.70 | 49.6 | 12.66 | 53.6 | 13.94 | 57.5 | 15.36 | 61.5 | 16.86 | 63.8 | 17.49 | 66.5 | 17.70 | 67.8 | 17.81 |
| | 37 | 45.7 | 12.12 | 49.6 | 13.37 | 53.6 | 14.80 | 57.5 | 16.39 | 61.3 | 17.97 | 62.7 | 18.13 | 65.2 | 18.36 | 66.5 | 18.48 |
| | 40 | 45.7 | 13.17 | 49.6 | 14.73 | 53.6 | 16.38 | 57.5 | 18.14 | 59.7 | 18.97 | 61.0 | 19.10 | 63.4 | 19.36 | 64.7 | 19.48 |
| | 43 | 45.7 | 14.54 | 49.6 | 16.28 | 53.6 | 18.12 | 56.3 | 19.27 | 57.9 | 19.94 | 59.2 | 20.09 | 61.6 | 20.37 | 62.8 | 20.50 |
| | 46 | 45.7 | 16.05 | 49.6 | 18.00 | 53.4 | 19.97 | 54.7 | 20.20 | 56.1 | 20.93 | 57.3 | 21.09 | 59.7 | 21.39 | 61.0 | 21.53 |

MODEL SELECTION

| Cooling capacity at rated condition: 61.5 kW (22HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 55.3 (90%) | 10 | 41.1 | 8.04 | 44.6 | 8.68 | 48.2 | 9.32 | 51.8 | 9.96 | 55.3 | 10.47 | 60.0 | 11.30 | 69.4 | 12.95 | 73.2 | 13.54 |
| | 15 | 41.1 | 8.28 | 44.6 | 8.94 | 48.2 | 9.60 | 51.8 | 10.25 | 55.3 | 10.79 | 60.0 | 11.64 | 69.4 | 13.35 | 72.8 | 13.83 |
| | 21 | 41.1 | 8.72 | 44.6 | 9.42 | 48.2 | 10.12 | 51.8 | 10.81 | 55.3 | 11.40 | 60.0 | 12.30 | 69.4 | 14.12 | 71.9 | 14.35 |
| | 23 | 41.1 | 8.91 | 44.6 | 9.63 | 48.2 | 10.34 | 51.8 | 11.05 | 55.3 | 11.66 | 60.0 | 12.59 | 69.4 | 14.45 | 71.5 | 14.58 |
| | 25 | 41.1 | 9.13 | 44.6 | 9.86 | 48.2 | 10.60 | 51.8 | 11.33 | 55.3 | 11.96 | 60.0 | 12.91 | 69.3 | 14.78 | 71.0 | 14.82 |
| | 27 | 41.1 | 9.37 | 44.6 | 10.12 | 48.2 | 10.88 | 51.8 | 11.62 | 55.3 | 12.30 | 60.0 | 13.27 | 68.7 | 15.25 | 70.1 | 15.32 |
| | 30 | 41.1 | 9.77 | 44.6 | 10.56 | 48.2 | 11.35 | 51.8 | 12.14 | 55.3 | 12.85 | 60.0 | 13.90 | 67.2 | 16.10 | 68.6 | 16.19 |
| | 33 | 41.1 | 10.25 | 44.6 | 11.07 | 48.2 | 11.90 | 51.8 | 12.73 | 55.3 | 13.66 | 60.0 | 15.30 | 65.7 | 16.95 | 67.0 | 17.04 |
| | 35 | 41.1 | 10.60 | 44.6 | 11.46 | 48.2 | 12.32 | 51.8 | 13.33 | 55.3 | 14.54 | 60.0 | 16.28 | 64.7 | 17.56 | 65.9 | 17.66 |
| | 37 | 41.1 | 10.98 | 44.6 | 11.88 | 48.2 | 12.89 | 51.8 | 14.15 | 55.3 | 15.50 | 60.0 | 17.45 | 63.5 | 18.21 | 64.7 | 18.32 |
| | 40 | 41.1 | 11.65 | 44.6 | 12.80 | 48.2 | 14.17 | 51.8 | 15.63 | 55.3 | 17.20 | 59.3 | 18.94 | 61.8 | 19.19 | 63.0 | 19.31 |
| | 43 | 41.1 | 12.67 | 44.6 | 14.12 | 48.2 | 15.66 | 51.8 | 17.28 | 55.3 | 19.08 | 57.7 | 19.91 | 60.1 | 20.19 | 61.2 | 20.33 |
| | 46 | 41.1 | 13.98 | 44.6 | 15.59 | 48.2 | 17.31 | 51.8 | 19.13 | 54.7 | 20.75 | 55.9 | 20.90 | 58.2 | 21.20 | 59.4 | 21.35 |
| 49.2 (80%) | 10 | 36.5 | 7.23 | 39.7 | 7.80 | 42.8 | 8.37 | 46.1 | 8.94 | 49.2 | 9.38 | 53.4 | 10.12 | 61.7 | 11.59 | 65.9 | 12.32 |
| | 15 | 36.5 | 7.44 | 39.7 | 8.02 | 42.8 | 8.61 | 46.1 | 9.20 | 49.2 | 9.67 | 53.4 | 10.43 | 61.7 | 11.94 | 65.9 | 12.70 |
| | 21 | 36.5 | 7.83 | 39.7 | 8.45 | 42.8 | 9.08 | 46.1 | 9.69 | 49.2 | 10.21 | 53.4 | 11.02 | 61.7 | 12.63 | 65.9 | 13.43 |
| | 23 | 36.5 | 8.00 | 39.7 | 8.63 | 42.8 | 9.27 | 46.1 | 9.91 | 49.2 | 10.45 | 53.4 | 11.28 | 61.7 | 12.92 | 65.9 | 13.75 |
| | 25 | 36.5 | 8.20 | 39.7 | 8.84 | 42.8 | 9.49 | 46.1 | 10.15 | 49.2 | 10.71 | 53.4 | 11.56 | 61.7 | 13.25 | 65.9 | 14.10 |
| | 27 | 36.5 | 8.40 | 39.7 | 9.08 | 42.8 | 9.74 | 46.1 | 10.41 | 49.2 | 11.00 | 53.4 | 11.88 | 61.7 | 13.62 | 65.9 | 14.50 |
| | 30 | 36.5 | 8.77 | 39.7 | 9.46 | 42.8 | 10.17 | 46.1 | 10.87 | 49.2 | 11.51 | 53.4 | 12.42 | 61.7 | 14.45 | 65.9 | 15.87 |
| | 33 | 36.5 | 9.18 | 39.7 | 9.92 | 42.8 | 10.66 | 46.1 | 11.40 | 49.2 | 12.09 | 53.4 | 13.05 | 61.7 | 15.90 | 64.8 | 16.89 |
| | 35 | 36.5 | 9.50 | 39.7 | 10.27 | 42.8 | 11.03 | 46.1 | 11.79 | 49.2 | 12.52 | 53.4 | 13.84 | 61.7 | 16.94 | 63.8 | 17.48 |
| | 37 | 36.5 | 9.84 | 39.7 | 10.64 | 42.8 | 11.43 | 46.1 | 12.23 | 49.2 | 13.22 | 53.4 | 14.72 | 61.5 | 18.01 | 62.7 | 18.13 |
| | 40 | 36.5 | 10.44 | 39.7 | 11.28 | 42.8 | 12.14 | 46.1 | 13.33 | 49.2 | 14.58 | 53.4 | 16.33 | 59.9 | 18.99 | 61.0 | 19.11 |
| | 43 | 36.5 | 11.17 | 39.7 | 12.14 | 42.8 | 13.39 | 46.1 | 14.71 | 49.2 | 16.15 | 53.4 | 18.11 | 58.2 | 19.98 | 59.3 | 20.11 |
| | 46 | 36.5 | 12.04 | 39.7 | 13.37 | 42.8 | 14.77 | 46.1 | 16.24 | 49.2 | 17.89 | 53.4 | 20.09 | 56.4 | 20.98 | 57.7 | 21.12 |
| 43.0 (70%) | 10 | 31.9 | 6.42 | 34.7 | 6.92 | 37.5 | 7.42 | 40.2 | 7.90 | 43.0 | 8.30 | 46.7 | 8.94 | 54.0 | 10.23 | 57.6 | 10.87 |
| | 15 | 31.9 | 6.59 | 34.7 | 7.11 | 37.5 | 7.62 | 40.2 | 8.13 | 43.0 | 8.55 | 46.7 | 9.21 | 54.0 | 10.54 | 57.6 | 11.21 |
| | 21 | 31.9 | 6.94 | 34.7 | 7.49 | 37.5 | 8.02 | 40.2 | 8.56 | 43.0 | 9.03 | 46.7 | 9.73 | 54.0 | 11.14 | 57.6 | 11.85 |
| | 23 | 31.9 | 7.09 | 34.7 | 7.64 | 37.5 | 8.20 | 40.2 | 8.75 | 43.0 | 9.22 | 46.7 | 9.95 | 54.0 | 11.40 | 57.6 | 12.11 |
| | 25 | 31.9 | 7.26 | 34.7 | 7.83 | 37.5 | 8.40 | 40.2 | 8.96 | 43.0 | 9.46 | 46.7 | 10.21 | 54.0 | 11.68 | 57.6 | 12.42 |
| | 27 | 31.9 | 7.44 | 34.7 | 8.03 | 37.5 | 8.61 | 40.2 | 9.20 | 43.0 | 9.72 | 46.7 | 10.48 | 54.0 | 12.01 | 57.6 | 12.77 |
| | 30 | 31.9 | 7.76 | 34.7 | 8.37 | 37.5 | 8.99 | 40.2 | 9.60 | 43.0 | 10.16 | 46.7 | 10.95 | 54.0 | 12.56 | 57.6 | 13.36 |
| | 33 | 31.9 | 8.13 | 34.7 | 8.77 | 37.5 | 9.42 | 40.2 | 10.06 | 43.0 | 10.66 | 46.7 | 11.51 | 54.0 | 13.21 | 57.6 | 14.45 |
| | 35 | 31.9 | 8.40 | 34.7 | 9.08 | 37.5 | 9.74 | 40.2 | 10.41 | 43.0 | 11.04 | 46.7 | 11.92 | 54.0 | 14.05 | 57.6 | 15.38 |
| | 37 | 31.9 | 8.70 | 34.7 | 9.39 | 37.5 | 10.10 | 40.2 | 10.79 | 43.0 | 11.46 | 46.7 | 12.37 | 54.0 | 14.97 | 57.6 | 16.43 |
| | 40 | 31.9 | 9.22 | 34.7 | 9.96 | 37.5 | 10.70 | 40.2 | 11.44 | 43.0 | 12.21 | 46.7 | 13.59 | 54.0 | 16.60 | 57.6 | 18.25 |
| | 43 | 31.9 | 9.87 | 34.7 | 10.67 | 37.5 | 11.46 | 40.2 | 12.36 | 43.0 | 13.50 | 46.7 | 15.04 | 54.0 | 18.41 | 57.1 | 19.85 |
| | 46 | 31.9 | 10.62 | 34.7 | 11.48 | 37.5 | 12.45 | 40.2 | 13.62 | 43.0 | 14.92 | 46.7 | 16.64 | 54.0 | 20.43 | 55.5 | 20.84 |
| 36.9 (60%) | 10 | 27.4 | 5.60 | 29.7 | 6.03 | 32.1 | 6.45 | 34.5 | 6.88 | 36.9 | 7.22 | 40.0 | 7.77 | 46.3 | 8.87 | 49.4 | 9.43 |
| | 15 | 27.4 | 5.76 | 29.7 | 6.19 | 32.1 | 6.64 | 34.5 | 7.07 | 36.9 | 7.42 | 40.0 | 7.99 | 46.3 | 9.14 | 49.4 | 9.71 |
| | 21 | 27.4 | 6.05 | 29.7 | 6.52 | 32.1 | 6.98 | 34.5 | 7.44 | 36.9 | 7.84 | 40.0 | 8.44 | 46.3 | 9.65 | 49.4 | 10.26 |
| | 23 | 27.4 | 6.18 | 29.7 | 6.66 | 32.1 | 7.13 | 34.5 | 7.61 | 36.9 | 8.01 | 40.0 | 8.63 | 46.3 | 9.86 | 49.4 | 10.49 |
| | 25 | 27.4 | 6.33 | 29.7 | 6.81 | 32.1 | 7.30 | 34.5 | 7.78 | 36.9 | 8.21 | 40.0 | 8.84 | 46.3 | 10.12 | 49.4 | 10.76 |
| | 27 | 27.4 | 6.48 | 29.7 | 6.99 | 32.1 | 7.49 | 34.5 | 7.99 | 36.9 | 8.43 | 40.0 | 9.08 | 46.3 | 10.40 | 49.4 | 11.05 |
| | 30 | 27.4 | 6.76 | 29.7 | 7.28 | 32.1 | 7.80 | 34.5 | 8.33 | 36.9 | 8.81 | 40.0 | 9.50 | 46.3 | 10.86 | 49.4 | 11.55 |
| | 33 | 27.4 | 7.07 | 29.7 | 7.62 | 32.1 | 8.18 | 34.5 | 8.73 | 36.9 | 9.24 | 40.0 | 9.96 | 46.3 | 11.42 | 49.4 | 12.13 |
| | 35 | 27.4 | 7.30 | 29.7 | 7.87 | 32.1 | 8.45 | 34.5 | 9.03 | 36.9 | 9.57 | 40.0 | 10.31 | 46.3 | 11.82 | 49.4 | 12.57 |
| | 37 | 27.4 | 7.56 | 29.7 | 8.16 | 32.1 | 8.75 | 34.5 | 9.35 | 36.9 | 9.93 | 40.0 | 10.71 | 46.3 | 12.27 | 49.4 | 13.29 |
| | 40 | 27.4 | 8.01 | 29.7 | 8.64 | 32.1 | 9.27 | 34.5 | 9.91 | 36.9 | 10.54 | 40.0 | 11.37 | 46.3 | 13.43 | 49.4 | 14.67 |
| | 43 | 27.4 | 8.56 | 29.7 | 9.24 | 32.1 | 9.93 | 34.5 | 10.60 | 36.9 | 11.30 | 40.0 | 12.29 | 46.3 | 14.86 | 49.4 | 16.25 |
| | 46 | 27.4 | 9.20 | 29.7 | 9.94 | 32.1 | 10.67 | 34.5 | 11.41 | 36.9 | 12.24 | 40.0 | 13.57 | 46.3 | 16.44 | 49.4 | 18.00 |
| 30.8 (50%) | 10 | 22.8 | 4.79 | 24.8 | 5.14 | 26.8 | 5.50 | 28.8 | 5.85 | 30.8 | 6.13 | 33.4 | 6.59 | 38.6 | 7.51 | 41.1 | 7.97 |
| | 15 | 22.8 | 4.91 | 24.8 | 5.28 | 26.8 | 5.65 | 28.8 | 6.02 | 30.8 | 6.31 | 33.4 | 6.78 | 38.6 | 7.73 | 41.1 | 8.20 |
| | 21 | 22.8 | 5.16 | 24.8 | 5.55 | 26.8 | 5.93 | 28.8 | 6.33 | 30.8 | 6.65 | 33.4 | 7.15 | 38.6 | 8.16 | 41.1 | 8.67 |
| | 23 | 22.8 | 5.27 | 24.8 | 5.66 | 26.8 | 6.06 | 28.8 | 6.45 | 30.8 | 6.80 | 33.4 | 7.32 | 38.6 | 8.34 | 41.1 | 8.86 |
| | 25 | 22.8 | 5.38 | 24.8 | 5.79 | 26.8 | 6.20 | 28.8 | 6.61 | 30.8 | 6.96 | 33.4 | 7.49 | 38.6 | 8.55 | 41.1 | 9.08 |
| | 27 | 22.8 | 5.52 | 24.8 | 5.93 | 26.8 | 6.36 | 28.8 | 6.78 | 30.8 | 7.14 | 33.4 | 7.69 | 38.6 | 8.78 | 41.1 | 9.33 |
| | 30 | 22.8 | 5.74 | 24.8 | 6.19 | 26.8 | 6.62 | 28.8 | 7.06 | 30.8 | 7.46 | 33.4 | 8.03 | 38.6 | 9.17 | 41.1 | 9.74 |
| | 33 | 22.8 | 6.00 | 24.8 | 6.47 | 26.8 | 6.93 | 28.8 | 7.39 | 30.8 | 7.82 | 33.4 | 8.42 | 38.6 | 9.63 | 41.1 | 10.23 |
| | 35 | 22.8 | 6.21 | 24.8 | 6.68 | 26.8 | 7.16 | 28.8 | 7.64 | 30.8 | 8.09 | 33.4 | 8.72 | 38.6 | 9.97 | 41.1 | 10.59 |
| | 37 | 22.8 | 6.42 | 24.8 | 6.92 | 26.8 | 7.42 | 28.8 | 7.91 | 30.8 | 8.39 | 33.4 | 9.04 | 38.6 | 10.34 | 41.1 | 10.99 |
| | 40 | 22.8 | 6.79 | 24.8 | 7.32 | 26.8 | 7.85 | 28.8 | 8.37 | 30.8 | 8.91 | 33.4 | 9.60 | 38.6 | 10.98 | 41.1 | 11.68 |
| | 43 | 22.8 | 7.25 | 24.8 | 7.82 | 26.8 | 8.39 | 28.8 | 8.96 | 30.8 | 9.54 | 33.4 | 10.29 | 38.6 | 11.78 | 41.1 | 12.74 |
| | 46 | 22.8 | 7.78 | 24.8 | 8.40 | 26.8 | 9.01 | 28.8 | 9.63 | 30.8 | 10.27 | 33.4 | 11.09 | 38.6 | 12.94 | 41.1 | 14.07 |

# ■ Model: AJ∗216GALDH

| Cooling capacity at rated condition: 67.0 kW (24HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 100.5 (150%) | 10 | 74.6 | 14.96 | 78.4 | 15.48 | 80.2 | 15.48 | 82.2 | 15.46 | 83.9 | 15.50 | 86.0 | 15.46 | 90.0 | 15.36 | 92.0 | 15.30 |
| | 15 | 74.6 | 15.42 | 77.8 | 15.78 | 79.8 | 15.78 | 81.6 | 15.78 | 83.2 | 15.82 | 85.2 | 15.80 | 89.2 | 15.70 | 91.2 | 15.64 |
| | 21 | 74.6 | 16.26 | 76.8 | 16.36 | 78.6 | 16.38 | 80.6 | 16.38 | 82.0 | 16.46 | 84.0 | 16.42 | 88.0 | 16.34 | 90.0 | 16.30 |
| | 23 | 74.4 | 16.60 | 76.4 | 16.60 | 78.2 | 16.62 | 80.0 | 16.62 | 81.5 | 16.72 | 83.4 | 16.68 | 87.2 | 16.70 | 89.0 | 16.76 |
| | 25 | 74.0 | 16.86 | 75.8 | 16.88 | 77.6 | 16.90 | 79.6 | 16.92 | 80.7 | 17.12 | 82.4 | 17.20 | 85.8 | 17.36 | 87.6 | 17.42 |
| | 27 | 73.4 | 17.20 | 75.0 | 17.32 | 76.6 | 17.44 | 78.4 | 17.56 | 79.4 | 17.78 | 81.0 | 17.86 | 84.4 | 18.02 | 86.2 | 18.10 |
| | 30 | 71.6 | 18.12 | 73.2 | 18.26 | 75.0 | 18.38 | 76.6 | 18.50 | 77.4 | 18.76 | 79.0 | 18.86 | 82.4 | 19.02 | 84.0 | 19.10 |
| | 33 | 70.0 | 19.04 | 71.6 | 19.18 | 73.2 | 19.32 | 74.8 | 19.46 | 75.4 | 19.74 | 77.0 | 19.84 | 80.2 | 20.06 | 81.8 | 20.16 |
| | 35 | 68.8 | 19.68 | 70.4 | 19.84 | 71.8 | 19.98 | 73.4 | 20.14 | 74.0 | 20.48 | 75.6 | 20.60 | 78.8 | 20.84 | 80.2 | 20.96 |
| | 37 | 67.6 | 20.38 | 69.0 | 20.54 | 70.6 | 20.70 | 72.0 | 20.86 | 72.6 | 21.24 | 74.2 | 21.38 | 77.2 | 21.64 | 78.8 | 21.76 |
| | 40 | 65.6 | 21.42 | 67.0 | 21.60 | 68.6 | 21.76 | 70.0 | 21.94 | 70.4 | 22.40 | 71.8 | 22.54 | 74.8 | 22.84 | 76.4 | 22.98 |
| | 43 | 63.6 | 22.48 | 65.0 | 22.66 | 66.4 | 22.84 | 68.0 | 23.02 | 68.2 | 23.56 | 69.6 | 23.72 | 72.6 | 24.04 | 74.0 | 24.20 |
| | 46 | 61.6 | 23.54 | 63.0 | 23.74 | 64.4 | 23.94 | 65.8 | 24.14 | 65.9 | 24.72 | 67.4 | 24.90 | 70.2 | 25.26 | 71.6 | 25.42 |
| 93.8 (140%) | 10 | 69.6 | 14.02 | 75.6 | 15.18 | 78.6 | 15.48 | 80.6 | 15.48 | 82.5 | 15.52 | 84.4 | 15.48 | 88.4 | 15.40 | 90.4 | 15.34 |
| | 15 | 69.6 | 14.44 | 75.6 | 15.62 | 78.0 | 15.78 | 80.0 | 15.78 | 81.9 | 15.86 | 83.8 | 15.82 | 87.8 | 15.74 | 89.8 | 15.68 |
| | 21 | 69.6 | 15.24 | 75.2 | 16.36 | 77.0 | 16.36 | 78.8 | 16.38 | 80.7 | 16.48 | 82.6 | 16.44 | 86.6 | 16.38 | 88.4 | 16.32 |
| | 23 | 69.6 | 15.58 | 74.8 | 16.60 | 76.6 | 16.62 | 78.4 | 16.62 | 80.2 | 16.74 | 82.2 | 16.70 | 86.0 | 16.64 | 87.6 | 16.72 |
| | 25 | 69.6 | 15.96 | 74.2 | 16.86 | 76.2 | 16.88 | 78.0 | 16.90 | 79.6 | 17.06 | 81.2 | 17.14 | 84.6 | 17.30 | 86.4 | 17.38 |
| | 27 | 69.6 | 16.40 | 73.6 | 17.22 | 75.2 | 17.34 | 77.0 | 17.46 | 78.3 | 17.72 | 80.0 | 17.80 | 83.2 | 17.96 | 85.0 | 18.04 |
| | 30 | 69.6 | 17.64 | 72.0 | 18.14 | 73.6 | 18.28 | 75.2 | 18.40 | 76.4 | 18.70 | 78.0 | 18.80 | 81.2 | 18.96 | 82.8 | 19.06 |
| | 33 | 68.8 | 18.94 | 70.4 | 19.08 | 71.8 | 19.22 | 73.4 | 19.34 | 74.5 | 19.68 | 76.0 | 19.78 | 79.2 | 19.98 | 80.8 | 20.10 |
| | 35 | 67.6 | 19.56 | 69.2 | 19.72 | 70.6 | 19.88 | 72.2 | 20.02 | 73.1 | 20.40 | 74.6 | 20.52 | 77.6 | 20.76 | 79.2 | 20.88 |
| | 37 | 66.4 | 20.26 | 67.8 | 20.42 | 69.4 | 20.58 | 70.8 | 20.72 | 71.7 | 21.16 | 73.2 | 21.30 | 76.2 | 21.56 | 77.8 | 21.68 |
| | 40 | 64.4 | 21.30 | 66.0 | 21.46 | 67.4 | 21.64 | 68.8 | 21.80 | 69.5 | 22.30 | 71.0 | 22.46 | 74.0 | 22.74 | 75.4 | 22.88 |
| | 43 | 62.6 | 22.34 | 64.0 | 22.52 | 65.4 | 22.72 | 66.8 | 22.90 | 67.4 | 23.46 | 68.8 | 23.62 | 71.6 | 23.94 | 73.2 | 24.10 |
| | 46 | 60.6 | 23.40 | 62.0 | 23.60 | 63.4 | 23.80 | 64.8 | 24.00 | 65.2 | 24.62 | 66.6 | 24.80 | 69.4 | 25.16 | 70.8 | 25.32 |
| 87.1 (130%) | 10 | 64.6 | 13.08 | 70.2 | 14.14 | 75.8 | 15.22 | 78.6 | 15.48 | 81.0 | 15.54 | 83.0 | 15.52 | 86.8 | 15.44 | 88.8 | 15.40 |
| | 15 | 64.6 | 13.46 | 70.2 | 14.56 | 75.8 | 15.66 | 78.0 | 15.78 | 80.4 | 15.88 | 82.2 | 15.84 | 86.2 | 15.78 | 88.0 | 15.74 |
| | 21 | 64.6 | 14.20 | 70.2 | 15.38 | 75.2 | 16.36 | 77.0 | 16.36 | 79.2 | 16.48 | 81.2 | 16.46 | 85.0 | 16.40 | 86.8 | 16.36 |
| | 23 | 64.6 | 14.52 | 70.2 | 15.72 | 74.8 | 16.60 | 76.6 | 16.62 | 78.7 | 16.74 | 80.6 | 16.72 | 84.4 | 16.68 | 86.2 | 16.66 |
| | 25 | 64.6 | 14.88 | 70.2 | 16.10 | 74.4 | 16.86 | 76.2 | 16.88 | 78.2 | 17.04 | 80.0 | 17.08 | 83.2 | 17.24 | 85.0 | 17.32 |
| | 27 | 64.6 | 15.28 | 70.2 | 16.54 | 73.8 | 17.22 | 75.4 | 17.34 | 77.1 | 17.64 | 78.8 | 17.74 | 82.0 | 17.90 | 83.6 | 17.98 |
| | 30 | 64.6 | 15.96 | 70.2 | 17.88 | 72.2 | 18.16 | 73.8 | 18.28 | 75.2 | 18.62 | 76.8 | 18.72 | 80.0 | 18.90 | 81.6 | 18.98 |
| | 33 | 64.6 | 17.44 | 69.0 | 18.96 | 70.4 | 19.10 | 72.0 | 19.22 | 73.3 | 19.60 | 74.8 | 19.72 | 78.0 | 19.90 | 79.6 | 20.02 |
| | 35 | 64.6 | 18.54 | 67.8 | 19.58 | 69.4 | 19.74 | 70.8 | 19.88 | 72.0 | 20.32 | 73.6 | 20.44 | 76.6 | 20.68 | 78.0 | 20.80 |
| | 37 | 64.6 | 19.82 | 66.6 | 20.28 | 68.0 | 20.44 | 69.6 | 20.60 | 70.6 | 21.06 | 72.2 | 21.20 | 75.2 | 21.46 | 76.6 | 21.58 |
| | 40 | 63.4 | 21.16 | 64.8 | 21.32 | 66.2 | 21.50 | 67.6 | 21.66 | 68.5 | 22.20 | 70.0 | 22.36 | 73.0 | 22.64 | 74.4 | 22.78 |
| | 43 | 61.4 | 22.20 | 62.8 | 22.38 | 64.2 | 22.56 | 65.6 | 22.74 | 66.4 | 23.36 | 67.8 | 23.52 | 70.8 | 23.84 | 72.2 | 24.00 |
| | 46 | 59.6 | 23.26 | 61.0 | 23.44 | 62.2 | 23.64 | 63.6 | 23.84 | 64.3 | 24.52 | 65.6 | 24.70 | 68.4 | 25.04 | 69.8 | 25.22 |
| 80.4 (120%) | 10 | 59.6 | 12.14 | 64.8 | 13.12 | 70.0 | 14.10 | 75.2 | 15.10 | 79.3 | 15.56 | 81.2 | 15.54 | 85.0 | 15.48 | 86.8 | 15.44 |
| | 15 | 59.6 | 12.50 | 64.8 | 13.50 | 70.0 | 14.52 | 75.2 | 15.54 | 78.7 | 15.90 | 80.6 | 15.88 | 84.2 | 15.82 | 86.2 | 15.78 |
| | 21 | 59.6 | 13.18 | 64.8 | 14.26 | 70.0 | 15.32 | 75.0 | 16.36 | 77.6 | 16.50 | 79.4 | 16.48 | 83.2 | 16.44 | 85.0 | 16.40 |
| | 23 | 59.6 | 13.48 | 64.8 | 14.58 | 70.0 | 15.68 | 74.6 | 16.60 | 77.1 | 16.76 | 79.0 | 16.74 | 82.6 | 16.70 | 84.4 | 16.66 |
| | 25 | 59.6 | 13.80 | 64.8 | 14.94 | 70.0 | 16.06 | 74.2 | 16.86 | 76.6 | 17.04 | 78.4 | 17.04 | 81.8 | 17.18 | 83.4 | 17.24 |
| | 27 | 59.6 | 14.18 | 64.8 | 15.34 | 70.0 | 16.50 | 73.6 | 17.22 | 75.7 | 17.56 | 77.2 | 17.66 | 80.4 | 17.84 | 82.0 | 17.92 |
| | 30 | 59.6 | 14.80 | 64.8 | 16.02 | 70.0 | 17.80 | 72.0 | 18.16 | 73.9 | 18.54 | 75.4 | 18.64 | 78.6 | 18.82 | 80.2 | 18.92 |
| | 33 | 59.6 | 15.62 | 64.8 | 17.52 | 69.0 | 18.96 | 70.4 | 19.08 | 72.1 | 19.52 | 73.6 | 19.62 | 76.6 | 19.82 | 78.2 | 19.92 |
| | 35 | 59.6 | 16.60 | 64.8 | 18.62 | 67.8 | 19.58 | 69.4 | 19.74 | 70.8 | 20.22 | 72.2 | 20.34 | 75.2 | 20.58 | 76.8 | 20.70 |
| | 37 | 59.6 | 17.66 | 64.8 | 19.90 | 66.6 | 20.28 | 68.0 | 20.44 | 69.5 | 20.96 | 71.0 | 21.10 | 73.8 | 21.36 | 75.4 | 21.48 |
| | 40 | 59.6 | 19.56 | 63.4 | 21.16 | 64.8 | 21.34 | 66.2 | 21.50 | 67.4 | 22.10 | 68.8 | 22.24 | 71.8 | 22.52 | 73.2 | 22.66 |
| | 43 | 59.6 | 21.66 | 61.6 | 22.22 | 63.0 | 22.40 | 64.4 | 22.58 | 65.4 | 23.24 | 66.8 | 23.40 | 69.6 | 23.72 | 71.0 | 23.86 |
| | 46 | 58.4 | 23.08 | 59.6 | 23.28 | 61.0 | 23.46 | 62.4 | 23.66 | 63.3 | 24.38 | 64.6 | 24.56 | 67.4 | 24.90 | 68.8 | 25.08 |
| 73.7 (110%) | 10 | 54.6 | 11.20 | 59.4 | 12.10 | 64.2 | 13.00 | 69.0 | 13.90 | 73.7 | 14.60 | 79.2 | 15.56 | 82.8 | 15.52 | 84.6 | 15.48 |
| | 15 | 54.6 | 11.52 | 59.4 | 12.46 | 64.2 | 13.38 | 69.0 | 14.32 | 73.7 | 15.06 | 78.6 | 15.90 | 82.2 | 15.84 | 84.0 | 15.82 |
| | 21 | 54.6 | 12.14 | 59.4 | 13.14 | 64.2 | 14.12 | 69.0 | 15.10 | 73.7 | 15.92 | 77.6 | 16.50 | 81.2 | 16.46 | 83.0 | 16.44 |
| | 23 | 54.6 | 12.42 | 59.4 | 13.42 | 64.2 | 14.44 | 69.0 | 15.44 | 73.7 | 16.30 | 77.0 | 16.76 | 80.6 | 16.72 | 82.4 | 16.70 |
| | 25 | 54.6 | 12.72 | 59.4 | 13.76 | 64.2 | 14.78 | 69.0 | 15.82 | 73.7 | 16.72 | 76.6 | 17.04 | 80.0 | 17.08 | 81.6 | 17.16 |
| | 27 | 54.6 | 13.06 | 59.4 | 14.12 | 64.2 | 15.18 | 69.0 | 16.26 | 73.7 | 17.30 | 75.6 | 17.56 | 78.8 | 17.74 | 80.4 | 17.82 |
| | 30 | 54.6 | 13.64 | 59.4 | 14.74 | 64.2 | 15.86 | 69.0 | 17.40 | 72.4 | 18.44 | 74.0 | 18.54 | 77.0 | 18.74 | 78.6 | 18.82 |
| | 33 | 54.6 | 14.30 | 59.4 | 15.56 | 64.2 | 17.28 | 68.6 | 18.92 | 70.6 | 19.42 | 72.2 | 19.52 | 75.2 | 19.72 | 76.6 | 19.82 |
| | 35 | 54.6 | 14.80 | 59.4 | 16.52 | 64.2 | 18.36 | 67.6 | 19.56 | 69.4 | 20.10 | 70.8 | 20.22 | 73.8 | 20.46 | 75.2 | 20.58 |
| | 37 | 54.6 | 15.70 | 59.4 | 17.58 | 64.2 | 19.62 | 66.4 | 20.26 | 68.1 | 20.84 | 69.6 | 20.98 | 72.4 | 21.24 | 73.8 | 21.36 |
| | 40 | 54.6 | 17.32 | 59.4 | 19.46 | 63.2 | 21.14 | 64.6 | 21.30 | 66.2 | 21.96 | 67.6 | 22.10 | 70.4 | 22.40 | 71.8 | 22.54 |
| | 43 | 54.6 | 19.16 | 59.4 | 21.56 | 61.4 | 22.20 | 62.8 | 22.38 | 64.2 | 23.10 | 65.6 | 23.26 | 68.4 | 23.56 | 69.6 | 23.72 |
| | 46 | 54.6 | 21.20 | 58.4 | 23.08 | 59.6 | 23.26 | 61.0 | 23.46 | 62.2 | 24.24 | 63.6 | 24.42 | 66.2 | 24.76 | 67.6 | 24.92 |
| 67.0 (100%) | 10 | 49.8 | 10.26 | 54.0 | 11.08 | 58.4 | 11.90 | 62.6 | 12.72 | 67.0 | 13.36 | 72.6 | 14.42 | 80.4 | 15.56 | 82.2 | 15.52 |
| | 15 | 49.8 | 10.54 | 54.0 | 11.40 | 58.4 | 12.24 | 62.6 | 13.08 | 67.0 | 13.76 | 72.6 | 14.86 | 80.0 | 15.88 | 81.6 | 15.86 |
| | 21 | 49.8 | 11.12 | 54.0 | 12.02 | 58.4 | 12.90 | 62.6 | 13.80 | 67.0 | 14.56 | 72.6 | 15.72 | 78.8 | 16.50 | 80.6 | 16.48 |
| | 23 | 49.8 | 11.36 | 54.0 | 12.28 | 58.4 | 13.20 | 62.6 | 14.12 | 67.0 | 14.90 | 72.6 | 16.08 | 78.4 | 16.76 | 80.2 | 16.74 |
| | 25 | 49.8 | 11.64 | 54.0 | 12.58 | 58.4 | 13.52 | 62.6 | 14.46 | 67.0 | 15.28 | 72.6 | 16.50 | 78.0 | 17.04 | 79.6 | 17.06 |
| | 27 | 49.8 | 11.94 | 54.0 | 12.92 | 58.4 | 13.88 | 62.6 | 14.84 | 67.0 | 15.70 | 72.6 | 16.96 | 76.8 | 17.64 | 78.4 | 17.72 |
| | 30 | 49.8 | 12.46 | 54.0 | 13.48 | 58.4 | 14.50 | 62.6 | 15.50 | 67.0 | 16.62 | 72.2 | 18.42 | 75.2 | 18.62 | 76.6 | 18.72 |
| | 33 | 49.8 | 13.08 | 54.0 | 14.14 | 58.4 | 15.20 | 62.6 | 16.72 | 67.0 | 18.28 | 70.4 | 19.40 | 73.4 | 19.62 | 74.8 | 19.70 |
| | 35 | 49.8 | 13.54 | 54.0 | 14.64 | 58.4 | 16.12 | 62.6 | 17.76 | 67.0 | 19.50 | 69.2 | 20.08 | 72.2 | 20.32 | 73.6 | 20.44 |
| | 37 | 49.8 | 14.02 | 54.0 | 15.46 | 58.4 | 17.12 | 62.6 | 18.96 | 66.6 | 20.68 | 68.0 | 20.82 | 70.8 | 21.08 | 72.2 | 21.22 |
| | 40 | 49.8 | 15.24 | 54.0 | 17.04 | 58.4 | 18.96 | 62.6 | 21.00 | 64.7 | 21.80 | 66.2 | 21.94 | 68.8 | 22.24 | 70.2 | 22.38 |
| | 43 | 49.8 | 16.82 | 54.0 | 18.84 | 58.4 | 20.98 | 61.0 | 22.14 | 62.8 | 22.92 | 64.2 | 23.08 | 66.8 | 23.40 | 68.2 | 23.56 |
| | 46 | 49.8 | 18.58 | 54.0 | 20.84 | 58.0 | 23.04 | 59.4 | 23.22 | 60.9 | 24.06 | 62.2 | 24.24 | 64.8 | 24.58 | 66.2 | 24.74 |

MODEL SELECTION

| Cooling capacity at rated condition: 67.0 kW (24HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 60.3 (90%) | 10 | 44.8 | 9.30 | 48.6 | 10.04 | 52.6 | 10.78 | 56.4 | 11.52 | 60.3 | 12.10 | 65.4 | 13.06 | 75.6 | 14.98 | 79.4 | 15.56 |
| | 15 | 44.8 | 9.58 | 48.6 | 10.34 | 52.6 | 11.10 | 56.4 | 11.86 | 60.3 | 12.48 | 65.4 | 13.46 | 75.6 | 15.44 | 79.0 | 15.90 |
| | 21 | 44.8 | 10.08 | 48.6 | 10.90 | 52.6 | 11.70 | 56.4 | 12.50 | 60.3 | 13.18 | 65.4 | 14.22 | 75.6 | 16.32 | 78.0 | 16.50 |
| | 23 | 44.8 | 10.30 | 48.6 | 11.14 | 52.6 | 11.96 | 56.4 | 12.78 | 60.3 | 13.48 | 65.4 | 14.56 | 75.6 | 16.70 | 77.6 | 16.76 |
| | 25 | 44.8 | 10.56 | 48.6 | 11.40 | 52.6 | 12.26 | 56.4 | 13.10 | 60.3 | 13.82 | 65.4 | 14.92 | 75.4 | 17.06 | 77.0 | 17.04 |
| | 27 | 44.8 | 10.84 | 48.6 | 11.70 | 52.6 | 12.58 | 56.4 | 13.44 | 60.3 | 14.22 | 65.4 | 15.34 | 74.6 | 17.50 | 76.2 | 17.58 |
| | 30 | 44.8 | 11.30 | 48.6 | 12.22 | 52.6 | 13.12 | 56.4 | 14.04 | 60.3 | 14.86 | 65.4 | 16.06 | 73.0 | 18.48 | 74.4 | 18.58 |
| | 33 | 44.8 | 11.86 | 48.6 | 12.80 | 52.6 | 13.76 | 56.4 | 14.72 | 60.3 | 15.78 | 65.4 | 17.68 | 71.4 | 19.46 | 72.8 | 19.56 |
| | 35 | 44.8 | 12.26 | 48.6 | 13.26 | 52.6 | 14.24 | 56.4 | 15.42 | 60.3 | 16.80 | 65.4 | 18.82 | 70.2 | 20.16 | 71.6 | 20.28 |
| | 37 | 44.8 | 12.70 | 48.6 | 13.74 | 52.6 | 14.90 | 56.4 | 16.36 | 60.3 | 17.92 | 65.4 | 20.18 | 69.0 | 20.92 | 70.2 | 21.04 |
| | 40 | 44.8 | 13.48 | 48.6 | 14.80 | 52.6 | 16.40 | 56.4 | 18.08 | 60.3 | 19.90 | 64.4 | 21.76 | 67.0 | 22.04 | 68.4 | 22.18 |
| | 43 | 44.8 | 14.66 | 48.6 | 16.34 | 52.6 | 18.12 | 56.4 | 20.00 | 60.3 | 22.08 | 62.6 | 22.88 | 65.2 | 23.20 | 66.4 | 23.36 |
| | 46 | 44.8 | 16.18 | 48.6 | 18.04 | 52.6 | 20.04 | 56.4 | 22.16 | 59.4 | 23.86 | 60.6 | 24.02 | 63.2 | 24.36 | 64.4 | 24.54 |
| 53.6 (80%) | 10 | 39.8 | 8.36 | 43.2 | 9.02 | 46.6 | 9.68 | 50.2 | 10.34 | 53.6 | 10.84 | 58.2 | 11.70 | 67.2 | 13.40 | 71.8 | 14.24 |
| | 15 | 39.8 | 8.60 | 43.2 | 9.28 | 46.6 | 9.96 | 50.2 | 10.64 | 53.6 | 11.18 | 58.2 | 12.06 | 67.2 | 13.80 | 71.8 | 14.68 |
| | 21 | 39.8 | 9.06 | 43.2 | 9.78 | 46.6 | 10.50 | 50.2 | 11.20 | 53.6 | 11.80 | 58.2 | 12.74 | 67.2 | 14.60 | 71.8 | 15.52 |
| | 23 | 39.8 | 9.26 | 43.2 | 9.98 | 46.6 | 10.72 | 50.2 | 11.46 | 53.6 | 12.08 | 58.2 | 13.04 | 67.2 | 14.94 | 71.8 | 15.90 |
| | 25 | 39.8 | 9.48 | 43.2 | 10.22 | 46.6 | 10.98 | 50.2 | 11.74 | 53.6 | 12.38 | 58.2 | 13.36 | 67.2 | 15.32 | 71.8 | 16.30 |
| | 27 | 39.8 | 9.72 | 43.2 | 10.50 | 46.6 | 11.26 | 50.2 | 12.04 | 53.6 | 12.72 | 58.2 | 13.74 | 67.2 | 15.74 | 71.8 | 16.76 |
| | 30 | 39.8 | 10.14 | 43.2 | 10.94 | 46.6 | 11.76 | 50.2 | 12.58 | 53.6 | 13.30 | 58.2 | 14.36 | 67.2 | 16.70 | 71.8 | 18.34 |
| | 33 | 39.8 | 10.62 | 43.2 | 11.48 | 46.6 | 12.32 | 50.2 | 13.18 | 53.6 | 13.98 | 58.2 | 15.08 | 67.2 | 18.38 | 70.4 | 19.40 |
| | 35 | 39.8 | 10.98 | 43.2 | 11.88 | 46.6 | 12.76 | 50.2 | 13.64 | 53.6 | 14.48 | 58.2 | 16.00 | 67.2 | 19.58 | 69.2 | 20.08 |
| | 37 | 39.8 | 11.38 | 43.2 | 12.30 | 46.6 | 13.22 | 50.2 | 14.14 | 53.6 | 15.28 | 58.2 | 17.02 | 66.8 | 20.70 | 68.0 | 20.82 |
| | 40 | 39.8 | 12.08 | 43.2 | 13.04 | 46.6 | 14.04 | 50.2 | 15.42 | 53.6 | 16.86 | 58.2 | 18.88 | 65.0 | 21.82 | 66.2 | 21.96 |
| | 43 | 39.8 | 12.92 | 43.2 | 14.04 | 46.6 | 15.50 | 50.2 | 17.02 | 53.6 | 18.68 | 58.2 | 20.96 | 63.2 | 22.96 | 64.4 | 23.12 |
| | 46 | 39.8 | 13.94 | 43.2 | 15.48 | 46.6 | 17.10 | 50.2 | 18.80 | 53.6 | 20.70 | 58.2 | 23.26 | 61.2 | 24.12 | 62.6 | 24.28 |
| 46.9 (70%) | 10 | 34.8 | 7.42 | 37.8 | 8.00 | 40.8 | 8.58 | 43.8 | 9.14 | 46.9 | 9.60 | 50.8 | 10.34 | 58.8 | 11.82 | 62.8 | 12.56 |
| | 15 | 34.8 | 7.62 | 37.8 | 8.22 | 40.8 | 8.82 | 43.8 | 9.40 | 46.9 | 9.88 | 50.8 | 10.64 | 58.8 | 12.18 | 62.8 | 12.96 |
| | 21 | 34.8 | 8.02 | 37.8 | 8.66 | 40.8 | 9.28 | 43.8 | 9.90 | 46.9 | 10.44 | 50.8 | 11.24 | 58.8 | 12.88 | 62.8 | 13.70 |
| | 23 | 34.8 | 8.20 | 37.8 | 8.84 | 40.8 | 9.48 | 43.8 | 10.12 | 46.9 | 10.66 | 50.8 | 11.50 | 58.8 | 13.18 | 62.8 | 14.00 |
| | 25 | 34.8 | 8.40 | 37.8 | 9.06 | 40.8 | 9.72 | 43.8 | 10.36 | 46.9 | 10.94 | 50.8 | 11.80 | 58.8 | 13.50 | 62.8 | 14.36 |
| | 27 | 34.8 | 8.60 | 37.8 | 9.28 | 40.8 | 9.96 | 43.8 | 10.64 | 46.9 | 11.24 | 50.8 | 12.12 | 58.8 | 13.88 | 62.8 | 14.76 |
| | 30 | 34.8 | 8.98 | 37.8 | 9.68 | 40.8 | 10.40 | 43.8 | 11.10 | 46.9 | 11.74 | 50.8 | 12.66 | 58.8 | 14.52 | 62.8 | 15.44 |
| | 33 | 34.8 | 9.40 | 37.8 | 10.14 | 40.8 | 10.90 | 43.8 | 11.64 | 46.9 | 12.32 | 50.8 | 13.30 | 58.8 | 15.26 | 62.8 | 16.70 |
| | 35 | 34.8 | 9.72 | 37.8 | 10.50 | 40.8 | 11.26 | 43.8 | 12.04 | 46.9 | 12.76 | 50.8 | 13.78 | 58.8 | 16.24 | 62.8 | 17.78 |
| | 37 | 34.8 | 10.06 | 37.8 | 10.86 | 40.8 | 11.68 | 43.8 | 12.48 | 46.9 | 13.24 | 50.8 | 14.30 | 58.8 | 17.30 | 62.8 | 19.00 |
| | 40 | 34.8 | 10.66 | 37.8 | 11.52 | 40.8 | 12.38 | 43.8 | 13.24 | 46.9 | 14.12 | 50.8 | 15.72 | 58.8 | 19.20 | 62.8 | 21.12 |
| | 43 | 34.8 | 11.42 | 37.8 | 12.34 | 40.8 | 13.26 | 43.8 | 14.30 | 46.9 | 15.62 | 50.8 | 17.40 | 58.8 | 21.30 | 62.0 | 22.82 |
| | 46 | 34.8 | 12.28 | 37.8 | 13.28 | 40.8 | 14.40 | 43.8 | 15.76 | 46.9 | 17.26 | 50.8 | 19.26 | 58.8 | 23.66 | 60.2 | 23.96 |
| 40.2 (60%) | 10 | 29.8 | 6.48 | 32.4 | 6.98 | 35.0 | 7.46 | 37.6 | 7.96 | 40.2 | 8.34 | 43.6 | 8.98 | 50.4 | 10.26 | 53.8 | 10.90 |
| | 15 | 29.8 | 6.66 | 32.4 | 7.16 | 35.0 | 7.68 | 37.6 | 8.18 | 40.2 | 8.58 | 43.6 | 9.24 | 50.4 | 10.56 | 53.8 | 11.22 |
| | 21 | 29.8 | 7.00 | 32.4 | 7.54 | 35.0 | 8.08 | 37.6 | 8.60 | 40.2 | 9.06 | 43.6 | 9.76 | 50.4 | 11.16 | 53.8 | 11.86 |
| | 23 | 29.8 | 7.14 | 32.4 | 7.70 | 35.0 | 8.24 | 37.6 | 8.80 | 40.2 | 9.26 | 43.6 | 9.98 | 50.4 | 11.40 | 53.8 | 12.12 |
| | 25 | 29.8 | 7.32 | 32.4 | 7.88 | 35.0 | 8.44 | 37.6 | 9.00 | 40.2 | 9.50 | 43.6 | 10.22 | 50.4 | 11.70 | 53.8 | 12.44 |
| | 27 | 29.8 | 7.50 | 32.4 | 8.08 | 35.0 | 8.66 | 37.6 | 9.24 | 40.2 | 9.74 | 43.6 | 10.50 | 50.4 | 12.02 | 53.8 | 12.78 |
| | 30 | 29.8 | 7.82 | 32.4 | 8.42 | 35.0 | 9.02 | 37.6 | 9.64 | 40.2 | 10.18 | 43.6 | 10.98 | 50.4 | 12.56 | 53.8 | 13.36 |
| | 33 | 29.8 | 8.18 | 32.4 | 8.82 | 35.0 | 9.46 | 37.6 | 10.10 | 40.2 | 10.68 | 43.6 | 11.52 | 50.4 | 13.20 | 53.8 | 14.02 |
| | 35 | 29.8 | 8.44 | 32.4 | 9.10 | 35.0 | 9.78 | 37.6 | 10.44 | 40.2 | 11.06 | 43.6 | 11.92 | 50.4 | 13.66 | 53.8 | 14.54 |
| | 37 | 29.8 | 8.74 | 32.4 | 9.44 | 35.0 | 10.12 | 37.6 | 10.82 | 40.2 | 11.48 | 43.6 | 12.38 | 50.4 | 14.18 | 53.8 | 15.36 |
| | 40 | 29.8 | 9.26 | 32.4 | 10.00 | 35.0 | 10.72 | 37.6 | 11.46 | 40.2 | 12.18 | 43.6 | 13.14 | 50.4 | 15.52 | 53.8 | 16.96 |
| | 43 | 29.8 | 9.90 | 32.4 | 10.68 | 35.0 | 11.48 | 37.6 | 12.26 | 40.2 | 13.06 | 43.6 | 14.22 | 50.4 | 17.18 | 53.8 | 18.80 |
| | 46 | 29.8 | 10.64 | 32.4 | 11.50 | 35.0 | 12.34 | 37.6 | 13.20 | 40.2 | 14.16 | 43.6 | 15.70 | 50.4 | 19.02 | 53.8 | 20.84 |
| 33.5 (50%) | 10 | 24.8 | 5.54 | 27.0 | 5.94 | 29.2 | 6.36 | 31.4 | 6.76 | 33.5 | 7.08 | 36.4 | 7.62 | 42.0 | 8.68 | 44.8 | 9.22 |
| | 15 | 24.8 | 5.68 | 27.0 | 6.10 | 29.2 | 6.54 | 31.4 | 6.96 | 33.5 | 7.30 | 36.4 | 7.84 | 42.0 | 8.94 | 44.8 | 9.48 |
| | 21 | 24.8 | 5.96 | 27.0 | 6.42 | 29.2 | 6.86 | 31.4 | 7.32 | 33.5 | 7.68 | 36.4 | 8.26 | 42.0 | 9.44 | 44.8 | 10.02 |
| | 23 | 24.8 | 6.10 | 27.0 | 6.54 | 29.2 | 7.00 | 31.4 | 7.46 | 33.5 | 7.86 | 36.4 | 8.46 | 42.0 | 9.64 | 44.8 | 10.24 |
| | 25 | 24.8 | 6.22 | 27.0 | 6.70 | 29.2 | 7.16 | 31.4 | 7.64 | 33.5 | 8.04 | 36.4 | 8.66 | 42.0 | 9.88 | 44.8 | 10.50 |
| | 27 | 24.8 | 6.38 | 27.0 | 6.86 | 29.2 | 7.36 | 31.4 | 7.84 | 33.5 | 8.26 | 36.4 | 8.90 | 42.0 | 10.14 | 44.8 | 10.78 |
| | 30 | 24.8 | 6.64 | 27.0 | 7.16 | 29.2 | 7.66 | 31.4 | 8.16 | 33.5 | 8.62 | 36.4 | 9.28 | 42.0 | 10.60 | 44.8 | 11.26 |
| | 33 | 24.8 | 6.94 | 27.0 | 7.48 | 29.2 | 8.02 | 31.4 | 8.54 | 33.5 | 9.04 | 36.4 | 9.74 | 42.0 | 11.14 | 44.8 | 11.82 |
| | 35 | 24.8 | 7.18 | 27.0 | 7.72 | 29.2 | 8.28 | 31.4 | 8.84 | 33.5 | 9.36 | 36.4 | 10.08 | 42.0 | 11.52 | 44.8 | 12.24 |
| | 37 | 24.8 | 7.42 | 27.0 | 8.00 | 29.2 | 8.58 | 31.4 | 9.14 | 33.5 | 9.70 | 36.4 | 10.46 | 42.0 | 11.96 | 44.8 | 12.70 |
| | 40 | 24.8 | 7.86 | 27.0 | 8.46 | 29.2 | 9.08 | 31.4 | 9.68 | 33.5 | 10.30 | 36.4 | 11.10 | 42.0 | 12.70 | 44.8 | 13.50 |
| | 43 | 24.8 | 8.38 | 27.0 | 9.04 | 29.2 | 9.70 | 31.4 | 10.36 | 33.5 | 11.02 | 36.4 | 11.90 | 42.0 | 13.62 | 44.8 | 14.74 |
| | 46 | 24.8 | 9.00 | 27.0 | 9.72 | 29.2 | 10.42 | 31.4 | 11.14 | 33.5 | 11.88 | 36.4 | 12.82 | 42.0 | 14.96 | 44.8 | 16.28 |

# ■ Model: AJ∗234GALDH

| Cooling capacity at rated condition: 73.0 kW (26HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 109.5 (150%) | 10 | 78.4 | 15.70 | 81.6 | 15.97 | 83.6 | 15.98 | 85.7 | 15.99 | 88.3 | 16.29 | 90.5 | 16.27 | 94.8 | 16.20 | 97.1 | 16.16 |
| | 15 | 78.1 | 16.05 | 81.0 | 16.29 | 83.0 | 16.30 | 85.1 | 16.31 | 87.6 | 16.63 | 89.7 | 16.61 | 94.0 | 16.55 | 96.3 | 16.52 |
| | 21 | 77.5 | 16.73 | 79.9 | 16.87 | 81.9 | 16.89 | 83.9 | 16.92 | 86.2 | 17.28 | 88.3 | 17.26 | 92.5 | 17.21 | 94.7 | 17.18 |
| | 23 | 77.2 | 17.03 | 79.4 | 17.12 | 81.4 | 17.15 | 83.4 | 17.17 | 85.6 | 17.54 | 87.7 | 17.53 | 91.7 | 17.56 | 93.8 | 17.57 |
| | 25 | 76.9 | 17.35 | 78.9 | 17.39 | 80.9 | 17.42 | 82.7 | 17.48 | 84.8 | 17.92 | 86.8 | 17.95 | 90.6 | 18.09 | 92.4 | 18.20 |
| | 27 | 76.3 | 17.71 | 78.1 | 17.77 | 80.0 | 17.85 | 81.9 | 17.91 | 83.8 | 18.42 | 85.6 | 18.53 | 89.1 | 18.76 | 90.8 | 18.87 |
| | 30 | 75.0 | 18.36 | 76.8 | 18.48 | 78.5 | 18.63 | 80.2 | 18.78 | 81.6 | 19.42 | 83.3 | 19.54 | 86.7 | 19.80 | 88.4 | 19.92 |
| | 33 | 73.2 | 19.28 | 74.9 | 19.45 | 76.5 | 19.61 | 78.1 | 19.78 | 79.4 | 20.48 | 81.1 | 20.62 | 84.3 | 20.90 | 86.0 | 21.03 |
| | 35 | 71.9 | 19.95 | 73.6 | 20.13 | 75.1 | 20.31 | 76.8 | 20.48 | 77.9 | 21.22 | 79.5 | 21.38 | 82.7 | 21.67 | 84.3 | 21.82 |
| | 37 | 70.6 | 20.64 | 72.1 | 20.83 | 73.8 | 21.02 | 75.3 | 21.19 | 76.3 | 21.98 | 78.0 | 22.14 | 81.0 | 22.45 | 82.7 | 22.60 |
| | 40 | 68.5 | 21.70 | 70.0 | 21.89 | 71.6 | 22.08 | 73.1 | 22.27 | 74.0 | 23.12 | 75.5 | 23.29 | 78.6 | 23.62 | 80.1 | 23.77 |
| | 43 | 66.4 | 22.75 | 67.8 | 22.95 | 69.3 | 23.16 | 70.9 | 23.36 | 71.6 | 24.27 | 73.1 | 24.45 | 76.1 | 24.79 | 77.6 | 24.96 |
| | 46 | 64.3 | 23.81 | 65.7 | 24.03 | 67.2 | 24.24 | 68.6 | 24.45 | 69.2 | 25.41 | 70.6 | 25.61 | 73.6 | 25.97 | 75.0 | 26.15 |
| 102.2 (140%) | 10 | 75.8 | 15.46 | 79.8 | 15.95 | 82.6 | 16.16 | 84.6 | 16.17 | 87.3 | 16.44 | 89.5 | 16.42 | 93.7 | 16.36 | 96.0 | 16.33 |
| | 15 | 75.7 | 15.88 | 79.4 | 16.32 | 82.0 | 16.48 | 84.0 | 16.49 | 86.6 | 16.78 | 88.8 | 16.76 | 93.1 | 16.71 | 95.2 | 16.67 |
| | 21 | 75.1 | 16.54 | 78.8 | 17.01 | 80.9 | 17.07 | 82.9 | 17.10 | 85.3 | 17.42 | 87.4 | 17.41 | 91.6 | 17.37 | 93.8 | 17.34 |
| | 23 | 74.8 | 16.81 | 78.5 | 17.30 | 80.4 | 17.32 | 82.4 | 17.35 | 84.8 | 17.69 | 86.9 | 17.68 | 90.9 | 17.69 | 92.9 | 17.70 |
| | 25 | 74.5 | 17.13 | 78.0 | 17.57 | 79.9 | 17.60 | 81.9 | 17.64 | 84.1 | 18.04 | 86.0 | 18.08 | 89.7 | 18.21 | 91.6 | 18.32 |
| | 27 | 74.2 | 17.48 | 77.3 | 17.93 | 79.1 | 17.99 | 81.0 | 18.07 | 83.1 | 18.52 | 84.8 | 18.65 | 88.3 | 18.88 | 90.0 | 18.99 |
| | 30 | 73.7 | 18.25 | 76.0 | 18.63 | 77.7 | 18.77 | 79.4 | 18.93 | 81.0 | 19.53 | 82.7 | 19.66 | 86.0 | 19.92 | 87.7 | 20.05 |
| | 33 | 72.6 | 19.42 | 74.2 | 19.60 | 75.8 | 19.77 | 77.4 | 19.94 | 78.8 | 20.60 | 80.4 | 20.74 | 83.7 | 21.04 | 85.3 | 21.17 |
| | 35 | 71.3 | 20.10 | 72.9 | 20.28 | 74.4 | 20.46 | 76.0 | 20.65 | 77.3 | 21.35 | 78.9 | 21.51 | 82.1 | 21.81 | 83.7 | 21.96 |
| | 37 | 69.9 | 20.80 | 71.5 | 20.99 | 73.1 | 21.18 | 74.6 | 21.36 | 75.8 | 22.11 | 77.4 | 22.27 | 80.5 | 22.59 | 82.1 | 22.74 |
| | 40 | 67.9 | 21.86 | 69.4 | 22.05 | 70.9 | 22.26 | 72.5 | 22.45 | 73.5 | 23.25 | 75.0 | 23.42 | 78.1 | 23.76 | 79.6 | 23.92 |
| | 43 | 65.8 | 22.92 | 67.3 | 23.13 | 68.8 | 23.34 | 70.3 | 23.54 | 71.1 | 24.40 | 72.6 | 24.59 | 75.6 | 24.94 | 77.1 | 25.11 |
| | 46 | 63.8 | 24.00 | 65.2 | 24.21 | 66.6 | 24.44 | 68.0 | 24.65 | 68.8 | 25.57 | 70.2 | 25.75 | 73.1 | 26.13 | 74.6 | 26.31 |
| 94.9 (130%) | 10 | 70.4 | 14.42 | 76.6 | 15.60 | 80.7 | 16.19 | 83.4 | 16.37 | 86.3 | 16.61 | 88.4 | 16.60 | 92.6 | 16.55 | 94.8 | 16.51 |
| | 15 | 70.4 | 14.83 | 76.6 | 16.05 | 80.4 | 16.55 | 82.9 | 16.70 | 85.7 | 16.96 | 87.7 | 16.94 | 92.0 | 16.91 | 94.1 | 16.87 |
| | 21 | 70.4 | 15.63 | 76.2 | 16.80 | 79.7 | 17.26 | 81.7 | 17.30 | 84.4 | 17.60 | 86.4 | 17.59 | 90.5 | 17.56 | 92.7 | 17.54 |
| | 23 | 70.4 | 15.98 | 76.0 | 17.09 | 79.4 | 17.53 | 81.3 | 17.55 | 83.9 | 17.87 | 85.9 | 17.87 | 90.0 | 17.84 | 91.9 | 17.87 |
| | 25 | 70.4 | 16.36 | 75.7 | 17.41 | 78.9 | 17.81 | 80.8 | 17.83 | 83.2 | 18.19 | 85.2 | 18.22 | 88.9 | 18.36 | 90.7 | 18.48 |
| | 27 | 70.4 | 16.79 | 75.4 | 17.77 | 78.2 | 18.17 | 80.1 | 18.23 | 82.3 | 18.67 | 84.1 | 18.79 | 87.4 | 19.04 | 89.2 | 19.16 |
| | 30 | 70.4 | 17.52 | 74.8 | 18.63 | 76.8 | 18.95 | 78.5 | 19.11 | 80.3 | 19.68 | 82.0 | 19.81 | 85.2 | 20.08 | 86.9 | 20.22 |
| | 33 | 70.3 | 18.97 | 73.4 | 19.77 | 74.9 | 19.94 | 76.6 | 20.12 | 78.1 | 20.76 | 79.8 | 20.91 | 83.0 | 21.20 | 84.6 | 21.35 |
| | 35 | 69.5 | 19.83 | 72.1 | 20.46 | 73.6 | 20.65 | 75.3 | 20.83 | 76.7 | 21.51 | 78.3 | 21.67 | 81.5 | 21.98 | 83.0 | 22.13 |
| | 37 | 68.8 | 20.74 | 70.8 | 21.18 | 72.3 | 21.37 | 73.8 | 21.56 | 75.2 | 22.27 | 76.7 | 22.44 | 79.9 | 22.76 | 81.4 | 22.92 |
| | 40 | 67.2 | 22.04 | 68.7 | 22.25 | 70.2 | 22.45 | 71.7 | 22.66 | 72.9 | 23.42 | 74.4 | 23.61 | 77.4 | 23.95 | 79.0 | 24.11 |
| | 43 | 65.2 | 23.13 | 66.7 | 23.35 | 68.1 | 23.55 | 69.6 | 23.76 | 70.6 | 24.58 | 72.1 | 24.77 | 75.0 | 25.13 | 76.5 | 25.31 |
| | 46 | 63.1 | 24.21 | 64.6 | 24.44 | 66.0 | 24.66 | 67.5 | 24.88 | 68.3 | 25.75 | 69.7 | 25.95 | 72.6 | 26.33 | 74.1 | 26.52 |
| 87.6 (120%) | 10 | 65.0 | 13.38 | 70.7 | 14.47 | 76.3 | 15.55 | 81.2 | 16.42 | 85.2 | 16.83 | 87.3 | 16.82 | 91.4 | 16.78 | 93.5 | 16.76 |
| | 15 | 65.0 | 13.76 | 70.6 | 14.88 | 76.3 | 16.01 | 80.9 | 16.80 | 84.6 | 17.17 | 86.6 | 17.16 | 90.8 | 17.14 | 92.9 | 17.11 |
| | 21 | 65.0 | 14.50 | 70.6 | 15.68 | 76.3 | 16.87 | 80.3 | 17.50 | 83.4 | 17.81 | 85.4 | 17.82 | 89.5 | 17.80 | 91.5 | 17.78 |
| | 23 | 65.0 | 14.81 | 70.6 | 16.02 | 76.3 | 17.23 | 80.0 | 17.81 | 82.9 | 18.09 | 84.9 | 18.09 | 88.9 | 18.08 | 90.9 | 18.07 |
| | 25 | 65.0 | 15.16 | 70.6 | 16.41 | 76.3 | 17.66 | 79.6 | 18.11 | 82.3 | 18.38 | 84.3 | 18.41 | 87.9 | 18.55 | 89.7 | 18.67 |
| | 27 | 65.0 | 15.56 | 70.6 | 16.84 | 76.1 | 18.05 | 79.0 | 18.46 | 81.4 | 18.86 | 83.2 | 18.98 | 86.5 | 19.24 | 88.3 | 19.36 |
| | 30 | 65.0 | 16.24 | 70.6 | 17.58 | 75.4 | 18.99 | 77.5 | 19.34 | 79.5 | 19.87 | 81.1 | 20.01 | 84.4 | 20.29 | 86.1 | 20.44 |
| | 33 | 65.0 | 17.07 | 70.6 | 19.11 | 74.1 | 20.19 | 75.7 | 20.37 | 77.4 | 20.96 | 79.0 | 21.11 | 82.2 | 21.42 | 83.8 | 21.57 |
| | 35 | 65.0 | 18.04 | 70.4 | 20.29 | 72.8 | 20.89 | 74.3 | 21.09 | 76.0 | 21.71 | 77.6 | 21.88 | 80.7 | 22.20 | 82.2 | 22.35 |
| | 37 | 65.0 | 19.30 | 69.6 | 21.23 | 71.5 | 21.63 | 73.0 | 21.83 | 74.5 | 22.48 | 76.1 | 22.65 | 79.1 | 22.99 | 80.6 | 23.15 |
| | 40 | 65.0 | 21.43 | 68.0 | 22.52 | 69.5 | 22.73 | 71.0 | 22.93 | 72.3 | 23.65 | 73.8 | 23.83 | 76.8 | 24.18 | 78.3 | 24.35 |
| | 43 | 64.1 | 23.13 | 66.0 | 23.62 | 67.5 | 23.84 | 68.9 | 24.06 | 70.1 | 24.82 | 71.5 | 25.01 | 74.4 | 25.38 | 75.9 | 25.56 |
| | 46 | 62.6 | 24.51 | 64.0 | 24.74 | 65.4 | 24.96 | 66.8 | 25.19 | 67.8 | 25.99 | 69.2 | 26.20 | 72.0 | 26.59 | 73.5 | 26.79 |
| 80.3 (110%) | 10 | 59.6 | 12.33 | 64.7 | 13.33 | 69.9 | 14.33 | 75.1 | 15.33 | 80.3 | 16.10 | 85.9 | 17.06 | 89.9 | 17.03 | 92.0 | 17.02 |
| | 15 | 59.6 | 12.68 | 64.7 | 13.71 | 69.9 | 14.74 | 75.1 | 15.77 | 80.3 | 16.59 | 85.3 | 17.40 | 89.3 | 17.39 | 91.4 | 17.37 |
| | 21 | 59.6 | 13.35 | 64.7 | 14.44 | 69.9 | 15.53 | 75.1 | 16.62 | 80.3 | 17.53 | 84.1 | 18.05 | 88.1 | 18.05 | 90.1 | 18.04 |
| | 23 | 59.6 | 13.65 | 64.7 | 14.76 | 69.9 | 15.87 | 75.1 | 16.98 | 80.3 | 17.94 | 83.6 | 18.33 | 87.5 | 18.33 | 89.5 | 18.33 |
| | 25 | 59.6 | 13.97 | 64.7 | 15.12 | 69.9 | 16.25 | 75.1 | 17.40 | 80.3 | 18.39 | 83.1 | 18.63 | 86.8 | 18.74 | 88.5 | 18.87 |
| | 27 | 59.6 | 14.33 | 64.7 | 15.51 | 69.9 | 16.68 | 75.1 | 17.86 | 80.0 | 18.88 | 82.1 | 19.17 | 85.4 | 19.44 | 87.1 | 19.58 |
| | 30 | 59.6 | 14.95 | 64.7 | 16.18 | 69.9 | 17.41 | 75.1 | 19.03 | 78.5 | 20.06 | 80.1 | 20.21 | 83.4 | 20.51 | 85.0 | 20.65 |
| | 33 | 59.6 | 15.67 | 64.7 | 17.00 | 69.9 | 18.82 | 74.6 | 20.69 | 76.5 | 21.17 | 78.1 | 21.33 | 81.2 | 21.64 | 82.8 | 21.80 |
| | 35 | 59.6 | 16.26 | 64.7 | 17.94 | 69.9 | 20.15 | 73.5 | 21.46 | 75.1 | 21.92 | 76.7 | 22.10 | 79.8 | 22.43 | 81.3 | 22.59 |
| | 37 | 59.6 | 17.04 | 64.7 | 19.20 | 69.9 | 21.60 | 72.2 | 22.22 | 73.7 | 22.70 | 75.2 | 22.89 | 78.2 | 23.23 | 79.7 | 23.39 |
| | 40 | 59.6 | 18.82 | 64.7 | 21.30 | 68.8 | 23.14 | 70.2 | 23.35 | 71.5 | 23.87 | 73.0 | 24.07 | 76.0 | 24.43 | 77.5 | 24.61 |
| | 43 | 59.6 | 20.87 | 64.7 | 23.69 | 66.7 | 24.28 | 68.2 | 24.49 | 69.4 | 25.06 | 70.8 | 25.26 | 73.7 | 25.65 | 75.1 | 25.83 |
| | 46 | 59.6 | 23.18 | 63.3 | 25.18 | 64.8 | 25.42 | 66.1 | 25.66 | 67.1 | 26.26 | 68.5 | 26.46 | 71.3 | 26.86 | 72.8 | 27.06 |
| 73.0 (100%) | 10 | 54.2 | 11.29 | 58.9 | 12.20 | 63.6 | 13.10 | 68.3 | 14.01 | 73.0 | 14.71 | 79.2 | 15.89 | 88.4 | 17.36 | 90.4 | 17.35 |
| | 15 | 54.2 | 11.61 | 58.9 | 12.53 | 63.6 | 13.47 | 68.3 | 14.41 | 73.0 | 15.15 | 79.2 | 16.37 | 87.8 | 17.72 | 89.8 | 17.71 |
| | 21 | 54.2 | 12.21 | 58.9 | 13.20 | 63.6 | 14.20 | 68.3 | 15.18 | 73.0 | 16.01 | 79.2 | 17.30 | 86.7 | 18.39 | 88.6 | 18.38 |
| | 23 | 54.2 | 12.48 | 58.9 | 13.50 | 63.6 | 14.50 | 68.3 | 15.52 | 73.0 | 16.39 | 79.2 | 17.70 | 86.2 | 18.67 | 88.1 | 18.67 |
| | 25 | 54.2 | 12.77 | 58.9 | 13.82 | 63.6 | 14.85 | 68.3 | 15.89 | 73.0 | 16.79 | 79.2 | 18.15 | 85.5 | 19.03 | 87.2 | 19.16 |
| | 27 | 54.2 | 13.11 | 58.9 | 14.18 | 63.6 | 15.24 | 68.3 | 16.30 | 73.0 | 17.26 | 79.2 | 18.66 | 84.3 | 19.74 | 85.9 | 19.87 |
| | 30 | 54.2 | 13.67 | 58.9 | 14.79 | 63.6 | 15.91 | 68.3 | 17.01 | 73.0 | 18.14 | 79.1 | 20.50 | 82.2 | 20.82 | 83.9 | 20.97 |
| | 33 | 54.2 | 14.32 | 58.9 | 15.50 | 63.6 | 16.67 | 68.3 | 18.15 | 73.0 | 20.07 | 77.1 | 21.64 | 80.2 | 21.97 | 81.7 | 22.13 |
| | 35 | 54.2 | 14.85 | 58.9 | 16.08 | 63.6 | 17.46 | 68.3 | 19.43 | 73.0 | 21.53 | 75.7 | 22.42 | 78.8 | 22.76 | 80.3 | 22.94 |
| | 37 | 54.2 | 15.44 | 58.9 | 16.82 | 63.6 | 18.67 | 68.3 | 20.82 | 72.8 | 22.98 | 74.4 | 23.21 | 77.3 | 23.57 | 78.8 | 23.75 |
| | 40 | 54.2 | 16.57 | 58.9 | 18.50 | 63.6 | 20.72 | 68.3 | 23.13 | 70.7 | 24.21 | 72.2 | 24.41 | 75.1 | 24.79 | 76.6 | 24.98 |
| | 43 | 54.2 | 18.19 | 58.9 | 20.51 | 63.6 | 23.02 | 66.8 | 24.50 | 68.6 | 25.41 | 70.1 | 25.63 | 72.9 | 26.03 | 74.3 | 26.21 |
| | 46 | 54.2 | 20.14 | 58.9 | 22.77 | 63.3 | 25.36 | 64.7 | 25.67 | 66.4 | 26.62 | 67.8 | 26.85 | 70.6 | 27.27 | 72.0 | 27.47 |

MODEL SELECTION

| Cooling capacity at rated condition: 73.0 kW (26HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 65.7 (90%) | 10 | 48.7 | 10.23 | 53.0 | 11.05 | 57.2 | 11.87 | 61.5 | 12.69 | 65.7 | 13.33 | 71.2 | 14.39 | 82.4 | 16.50 | 87.3 | 17.37 |
| | 15 | 48.7 | 10.52 | 53.0 | 11.37 | 57.2 | 12.21 | 61.5 | 13.05 | 65.7 | 13.73 | 71.2 | 14.82 | 82.4 | 17.00 | 86.7 | 17.72 |
| | 21 | 48.7 | 11.08 | 53.0 | 11.97 | 57.2 | 12.86 | 61.5 | 13.75 | 65.7 | 14.50 | 71.2 | 15.65 | 82.4 | 17.97 | 85.6 | 18.38 |
| | 23 | 48.7 | 11.32 | 53.0 | 12.23 | 57.2 | 13.14 | 61.5 | 14.05 | 65.7 | 14.83 | 71.2 | 16.01 | 82.4 | 18.39 | 85.1 | 18.67 |
| | 25 | 48.7 | 11.58 | 53.0 | 12.52 | 57.2 | 13.46 | 61.5 | 14.39 | 65.7 | 15.21 | 71.2 | 16.42 | 82.4 | 18.85 | 84.6 | 18.97 |
| | 27 | 48.7 | 11.88 | 53.0 | 12.84 | 57.2 | 13.81 | 61.5 | 14.76 | 65.7 | 15.62 | 71.2 | 16.87 | 81.8 | 19.53 | 83.4 | 19.66 |
| | 30 | 48.7 | 12.38 | 53.0 | 13.39 | 57.2 | 14.40 | 61.5 | 15.40 | 65.7 | 16.32 | 71.2 | 17.65 | 79.9 | 20.60 | 81.6 | 20.75 |
| | 33 | 48.7 | 12.97 | 53.0 | 14.03 | 57.2 | 15.08 | 61.5 | 16.14 | 65.7 | 17.22 | 71.2 | 19.34 | 78.0 | 21.74 | 79.5 | 21.90 |
| | 35 | 48.7 | 13.45 | 53.0 | 14.55 | 57.2 | 15.65 | 61.5 | 16.81 | 65.7 | 18.31 | 71.2 | 20.73 | 76.7 | 22.53 | 78.1 | 22.69 |
| | 37 | 48.7 | 13.98 | 53.0 | 15.13 | 57.2 | 16.32 | 61.5 | 17.77 | 65.7 | 19.62 | 71.2 | 22.27 | 75.3 | 23.33 | 76.7 | 23.51 |
| | 40 | 48.7 | 14.88 | 53.0 | 16.19 | 57.2 | 17.75 | 61.5 | 19.71 | 65.7 | 21.83 | 70.3 | 24.16 | 73.2 | 24.55 | 74.6 | 24.73 |
| | 43 | 48.7 | 16.03 | 53.0 | 17.63 | 57.2 | 19.67 | 61.5 | 21.87 | 65.7 | 24.31 | 68.3 | 25.37 | 71.1 | 25.77 | 72.4 | 25.97 |
| | 46 | 48.7 | 17.41 | 53.0 | 19.52 | 57.2 | 21.83 | 61.5 | 24.31 | 64.8 | 26.36 | 66.2 | 26.59 | 68.8 | 27.01 | 70.2 | 27.21 |
| 58.4 (80%) | 10 | 43.3 | 9.19 | 47.1 | 9.92 | 50.9 | 10.65 | 54.7 | 11.38 | 58.4 | 11.94 | 63.3 | 12.88 | 73.3 | 14.76 | 78.2 | 15.70 |
| | 15 | 43.3 | 9.45 | 47.1 | 10.20 | 50.9 | 10.95 | 54.7 | 11.70 | 58.4 | 12.30 | 63.3 | 13.27 | 73.3 | 15.21 | 78.2 | 16.18 |
| | 21 | 43.3 | 9.94 | 47.1 | 10.73 | 50.9 | 11.53 | 54.7 | 12.32 | 58.4 | 12.98 | 63.3 | 14.01 | 73.3 | 16.07 | 78.2 | 17.10 |
| | 23 | 43.3 | 10.15 | 47.1 | 10.96 | 50.9 | 11.77 | 54.7 | 12.59 | 58.4 | 13.28 | 63.3 | 14.33 | 73.3 | 16.43 | 78.2 | 17.49 |
| | 25 | 43.3 | 10.39 | 47.1 | 11.22 | 50.9 | 12.05 | 54.7 | 12.88 | 58.4 | 13.61 | 63.3 | 14.69 | 73.3 | 16.85 | 78.2 | 17.93 |
| | 27 | 43.3 | 10.65 | 47.1 | 11.51 | 50.9 | 12.36 | 54.7 | 13.21 | 58.4 | 13.97 | 63.3 | 15.09 | 73.3 | 17.32 | 78.2 | 18.43 |
| | 30 | 43.3 | 11.11 | 47.1 | 11.99 | 50.9 | 12.89 | 54.7 | 13.78 | 58.4 | 14.61 | 63.3 | 15.77 | 73.3 | 18.23 | 78.2 | 20.16 |
| | 33 | 43.3 | 11.62 | 47.1 | 12.56 | 50.9 | 13.51 | 54.7 | 14.44 | 58.4 | 15.34 | 63.3 | 16.57 | 73.3 | 20.18 | 76.9 | 21.62 |
| | 35 | 43.3 | 12.06 | 47.1 | 13.03 | 50.9 | 14.00 | 54.7 | 14.97 | 58.4 | 15.92 | 63.3 | 17.34 | 73.3 | 21.65 | 75.7 | 22.40 |
| | 37 | 43.3 | 12.52 | 47.1 | 13.54 | 50.9 | 14.55 | 54.7 | 15.58 | 58.4 | 16.67 | 63.3 | 18.57 | 72.9 | 23.02 | 74.4 | 23.21 |
| | 40 | 43.3 | 13.33 | 47.1 | 14.42 | 50.9 | 15.50 | 54.7 | 16.73 | 58.4 | 18.30 | 63.3 | 20.65 | 71.0 | 24.24 | 72.3 | 24.42 |
| | 43 | 43.3 | 14.27 | 47.1 | 15.47 | 50.9 | 16.77 | 54.7 | 18.41 | 58.4 | 20.32 | 63.3 | 22.97 | 68.9 | 25.46 | 70.2 | 25.65 |
| | 46 | 43.3 | 15.37 | 47.1 | 16.78 | 50.9 | 18.43 | 54.7 | 20.40 | 58.4 | 22.58 | 63.3 | 25.59 | 66.8 | 26.69 | 68.2 | 26.89 |
| 51.1 (70%) | 10 | 37.9 | 8.15 | 41.2 | 8.79 | 44.5 | 9.43 | 47.8 | 10.05 | 51.1 | 10.55 | 55.5 | 11.37 | 64.1 | 13.02 | 68.4 | 13.85 |
| | 15 | 37.9 | 8.37 | 41.2 | 9.03 | 44.5 | 9.68 | 47.8 | 10.34 | 51.1 | 10.87 | 55.5 | 11.72 | 64.1 | 13.41 | 68.4 | 14.26 |
| | 21 | 37.9 | 8.81 | 41.2 | 9.50 | 44.5 | 10.18 | 47.8 | 10.88 | 51.1 | 11.46 | 55.5 | 12.37 | 64.1 | 14.16 | 68.4 | 15.07 |
| | 23 | 37.9 | 8.99 | 41.2 | 9.69 | 44.5 | 10.41 | 47.8 | 11.11 | 51.1 | 11.72 | 55.5 | 12.64 | 64.1 | 14.49 | 68.4 | 15.41 |
| | 25 | 37.9 | 9.20 | 41.2 | 9.92 | 44.5 | 10.65 | 47.8 | 11.37 | 51.1 | 12.01 | 55.5 | 12.96 | 64.1 | 14.85 | 68.4 | 15.79 |
| | 27 | 37.9 | 9.43 | 41.2 | 10.18 | 44.5 | 10.92 | 47.8 | 11.67 | 51.1 | 12.33 | 55.5 | 13.31 | 64.1 | 15.26 | 68.4 | 16.23 |
| | 30 | 37.9 | 9.82 | 41.2 | 10.60 | 44.5 | 11.38 | 47.8 | 12.17 | 51.1 | 12.89 | 55.5 | 13.90 | 64.1 | 15.95 | 68.4 | 16.97 |
| | 33 | 37.9 | 10.28 | 41.2 | 11.10 | 44.5 | 11.92 | 47.8 | 12.74 | 51.1 | 13.53 | 55.5 | 14.61 | 64.1 | 16.76 | 68.4 | 18.16 |
| | 35 | 37.9 | 10.65 | 41.2 | 11.51 | 44.5 | 12.36 | 47.8 | 13.21 | 51.1 | 14.04 | 55.5 | 15.16 | 64.1 | 17.64 | 68.4 | 19.46 |
| | 37 | 37.9 | 11.06 | 41.2 | 11.95 | 44.5 | 12.85 | 47.8 | 13.73 | 51.1 | 14.61 | 55.5 | 15.77 | 64.1 | 18.90 | 68.4 | 20.88 |
| | 40 | 37.9 | 11.77 | 41.2 | 12.72 | 44.5 | 13.66 | 47.8 | 14.61 | 51.1 | 15.58 | 55.5 | 17.00 | 64.1 | 21.01 | 68.4 | 23.26 |
| | 43 | 37.9 | 12.60 | 41.2 | 13.62 | 44.5 | 14.64 | 47.8 | 15.71 | 51.1 | 16.88 | 55.5 | 18.83 | 64.1 | 23.38 | 67.6 | 25.27 |
| | 46 | 37.9 | 13.56 | 41.2 | 14.66 | 44.5 | 15.82 | 47.8 | 17.05 | 51.1 | 18.61 | 55.5 | 20.90 | 64.1 | 26.06 | 65.7 | 26.50 |
| 43.8 (60%) | 10 | 32.5 | 7.10 | 35.3 | 7.65 | 38.1 | 8.19 | 41.0 | 8.74 | 43.8 | 9.17 | 47.5 | 9.87 | 55.0 | 11.28 | 58.7 | 11.99 |
| | 15 | 32.5 | 7.30 | 35.3 | 7.86 | 38.1 | 8.42 | 41.0 | 8.98 | 43.8 | 9.43 | 47.5 | 10.15 | 55.0 | 11.62 | 58.7 | 12.35 |
| | 21 | 32.5 | 7.66 | 35.3 | 8.26 | 38.1 | 8.85 | 41.0 | 9.45 | 43.8 | 9.95 | 47.5 | 10.71 | 55.0 | 12.26 | 58.7 | 13.03 |
| | 23 | 32.5 | 7.83 | 35.3 | 8.43 | 38.1 | 9.04 | 41.0 | 9.65 | 43.8 | 10.16 | 47.5 | 10.95 | 55.0 | 12.53 | 58.7 | 13.33 |
| | 25 | 32.5 | 8.01 | 35.3 | 8.62 | 38.1 | 9.25 | 41.0 | 9.87 | 43.8 | 10.41 | 47.5 | 11.22 | 55.0 | 12.85 | 58.7 | 13.66 |
| | 27 | 32.5 | 8.20 | 35.3 | 8.84 | 38.1 | 9.48 | 41.0 | 10.12 | 43.8 | 10.69 | 47.5 | 11.52 | 55.0 | 13.20 | 58.7 | 14.03 |
| | 30 | 32.5 | 8.54 | 35.3 | 9.21 | 38.1 | 9.88 | 41.0 | 10.54 | 43.8 | 11.17 | 47.5 | 12.05 | 55.0 | 13.79 | 58.7 | 14.66 |
| | 33 | 32.5 | 8.93 | 35.3 | 9.63 | 38.1 | 10.34 | 41.0 | 11.04 | 43.8 | 11.71 | 47.5 | 12.63 | 55.0 | 14.48 | 58.7 | 15.40 |
| | 35 | 32.5 | 9.25 | 35.3 | 9.98 | 38.1 | 10.71 | 41.0 | 11.45 | 43.8 | 12.16 | 47.5 | 13.11 | 55.0 | 15.03 | 58.7 | 15.98 |
| | 37 | 32.5 | 9.61 | 35.3 | 10.37 | 38.1 | 11.13 | 41.0 | 11.89 | 43.8 | 12.64 | 47.5 | 13.64 | 55.0 | 15.64 | 58.7 | 16.74 |
| | 40 | 32.5 | 10.21 | 35.3 | 11.02 | 38.1 | 11.83 | 41.0 | 12.65 | 43.8 | 13.47 | 47.5 | 14.54 | 55.0 | 16.85 | 58.7 | 18.42 |
| | 43 | 32.5 | 10.92 | 35.3 | 11.80 | 38.1 | 12.68 | 41.0 | 13.54 | 43.8 | 14.44 | 47.5 | 15.63 | 55.0 | 18.60 | 58.7 | 20.45 |
| | 46 | 32.5 | 11.74 | 35.3 | 12.69 | 38.1 | 13.63 | 41.0 | 14.58 | 43.8 | 15.59 | 47.5 | 16.98 | 55.0 | 20.63 | 58.7 | 22.72 |
| 36.5 (50%) | 10 | 27.1 | 6.06 | 29.4 | 6.52 | 31.8 | 6.97 | 34.1 | 7.43 | 36.5 | 7.78 | 39.6 | 8.36 | 45.8 | 9.54 | 48.8 | 10.13 |
| | 15 | 27.1 | 6.22 | 29.4 | 6.69 | 31.8 | 7.16 | 34.1 | 7.63 | 36.5 | 8.00 | 39.6 | 8.60 | 45.8 | 9.82 | 48.8 | 10.42 |
| | 21 | 27.1 | 6.53 | 29.4 | 7.02 | 31.8 | 7.51 | 34.1 | 8.02 | 36.5 | 8.43 | 39.6 | 9.07 | 45.8 | 10.35 | 48.8 | 11.00 |
| | 23 | 27.1 | 6.66 | 29.4 | 7.17 | 31.8 | 7.68 | 34.1 | 8.18 | 36.5 | 8.61 | 39.6 | 9.27 | 45.8 | 10.59 | 48.8 | 11.25 |
| | 25 | 27.1 | 6.81 | 29.4 | 7.32 | 31.8 | 7.85 | 34.1 | 8.37 | 36.5 | 8.82 | 39.6 | 9.49 | 45.8 | 10.85 | 48.8 | 11.52 |
| | 27 | 27.1 | 6.98 | 29.4 | 7.50 | 31.8 | 8.04 | 34.1 | 8.58 | 36.5 | 9.05 | 39.6 | 9.74 | 45.8 | 11.14 | 48.8 | 11.84 |
| | 30 | 27.1 | 7.25 | 29.4 | 7.82 | 31.8 | 8.37 | 34.1 | 8.93 | 36.5 | 9.45 | 39.6 | 10.18 | 45.8 | 11.63 | 48.8 | 12.36 |
| | 33 | 27.1 | 7.58 | 29.4 | 8.17 | 31.8 | 8.75 | 34.1 | 9.34 | 36.5 | 9.90 | 39.6 | 10.67 | 45.8 | 12.20 | 48.8 | 12.98 |
| | 35 | 27.1 | 7.85 | 29.4 | 8.46 | 31.8 | 9.07 | 34.1 | 9.67 | 36.5 | 10.26 | 39.6 | 11.07 | 45.8 | 12.67 | 48.8 | 13.46 |
| | 37 | 27.1 | 8.15 | 29.4 | 8.78 | 31.8 | 9.42 | 34.1 | 10.05 | 36.5 | 10.67 | 39.6 | 11.50 | 45.8 | 13.17 | 48.8 | 14.01 |
| | 40 | 27.1 | 8.64 | 29.4 | 9.33 | 31.8 | 10.00 | 34.1 | 10.68 | 36.5 | 11.37 | 39.6 | 12.26 | 45.8 | 14.03 | 48.8 | 14.93 |
| | 43 | 27.1 | 9.24 | 29.4 | 9.97 | 31.8 | 10.70 | 34.1 | 11.43 | 36.5 | 12.18 | 39.6 | 13.14 | 45.8 | 15.05 | 48.8 | 16.10 |
| | 46 | 27.1 | 9.92 | 29.4 | 10.71 | 31.8 | 11.50 | 34.1 | 12.29 | 36.5 | 13.11 | 39.6 | 14.16 | 45.8 | 16.33 | 48.8 | 17.50 |

# ■ Model: AJ∗252GALDH

| Cooling capacity at rated condition: 78.5 kW (28HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 117.7 (150%) | 10 | 84.5 | 17.72 | 87.7 | 17.99 | 89.8 | 18.00 | 92.1 | 18.00 | 94.8 | 18.31 | 97.2 | 18.28 | 101.8 | 18.20 | 104.2 | 18.15 |
| | 15 | 84.2 | 18.14 | 87.0 | 18.34 | 89.2 | 18.35 | 91.4 | 18.36 | 94.0 | 18.69 | 96.3 | 18.67 | 100.9 | 18.59 | 103.3 | 18.55 |
| | 21 | 83.6 | 18.93 | 85.9 | 19.00 | 88.0 | 19.03 | 90.2 | 19.05 | 92.6 | 19.42 | 94.8 | 19.40 | 99.4 | 19.34 | 101.7 | 19.30 |
| | 23 | 83.2 | 19.26 | 85.4 | 19.28 | 87.5 | 19.31 | 89.6 | 19.33 | 92.0 | 19.72 | 94.2 | 19.70 | 98.6 | 19.69 | 100.8 | 19.71 |
| | 25 | 82.7 | 19.56 | 84.8 | 19.59 | 86.9 | 19.62 | 89.0 | 19.65 | 91.2 | 20.11 | 93.3 | 20.15 | 97.3 | 20.31 | 99.3 | 20.42 |
| | 27 | 82.1 | 19.92 | 84.0 | 20.00 | 86.0 | 20.09 | 88.1 | 20.17 | 90.0 | 20.70 | 91.9 | 20.82 | 95.7 | 21.07 | 97.6 | 21.19 |
| | 30 | 80.6 | 20.69 | 82.5 | 20.83 | 84.4 | 21.00 | 86.2 | 21.16 | 87.7 | 21.83 | 89.5 | 21.97 | 93.2 | 22.24 | 95.0 | 22.37 |
| | 33 | 78.7 | 21.73 | 80.5 | 21.92 | 82.3 | 22.10 | 84.0 | 22.29 | 85.3 | 23.02 | 87.1 | 23.17 | 90.6 | 23.48 | 92.4 | 23.62 |
| | 35 | 77.3 | 22.49 | 79.1 | 22.69 | 80.7 | 22.88 | 82.5 | 23.08 | 83.7 | 23.86 | 85.4 | 24.03 | 88.9 | 24.35 | 90.6 | 24.51 |
| | 37 | 75.9 | 23.28 | 77.5 | 23.49 | 79.3 | 23.69 | 80.9 | 23.89 | 82.0 | 24.72 | 83.8 | 24.90 | 87.1 | 25.24 | 88.9 | 25.40 |
| | 40 | 73.6 | 24.47 | 75.2 | 24.69 | 77.0 | 24.89 | 78.6 | 25.11 | 79.5 | 26.02 | 81.1 | 26.20 | 84.4 | 26.57 | 86.1 | 26.74 |
| | 43 | 71.4 | 25.67 | 72.9 | 25.89 | 74.5 | 26.12 | 76.2 | 26.34 | 76.9 | 27.32 | 78.5 | 27.52 | 81.8 | 27.90 | 83.4 | 28.09 |
| | 46 | 69.1 | 26.87 | 70.6 | 27.11 | 72.2 | 27.35 | 73.7 | 27.59 | 74.3 | 28.62 | 75.9 | 28.84 | 79.1 | 29.25 | 80.6 | 29.44 |
| 109.9 (140%) | 10 | 81.5 | 17.36 | 86.0 | 18.01 | 88.7 | 18.18 | 90.9 | 18.19 | 93.8 | 18.46 | 96.0 | 18.43 | 100.6 | 18.36 | 103.0 | 18.32 |
| | 15 | 81.4 | 17.83 | 85.6 | 18.43 | 88.0 | 18.53 | 90.2 | 18.54 | 93.0 | 18.85 | 95.3 | 18.82 | 99.9 | 18.76 | 102.2 | 18.71 |
| | 21 | 80.8 | 18.60 | 84.8 | 19.18 | 86.9 | 19.20 | 89.0 | 19.23 | 91.6 | 19.57 | 93.8 | 19.55 | 98.4 | 19.50 | 100.6 | 19.46 |
| | 23 | 80.5 | 18.92 | 84.3 | 19.46 | 86.4 | 19.49 | 88.5 | 19.51 | 91.0 | 19.87 | 93.3 | 19.85 | 97.7 | 19.81 | 99.8 | 19.84 |
| | 25 | 80.2 | 19.29 | 83.7 | 19.76 | 85.9 | 19.80 | 88.0 | 19.83 | 90.3 | 20.23 | 92.4 | 20.27 | 96.4 | 20.42 | 98.4 | 20.54 |
| | 27 | 79.9 | 19.70 | 83.1 | 20.14 | 85.0 | 20.22 | 87.1 | 20.31 | 89.2 | 20.80 | 91.1 | 20.93 | 94.8 | 21.18 | 96.7 | 21.30 |
| | 30 | 79.4 | 20.63 | 81.6 | 20.96 | 83.5 | 21.13 | 85.3 | 21.30 | 87.0 | 21.94 | 88.8 | 22.08 | 92.4 | 22.35 | 94.2 | 22.50 |
| | 33 | 78.0 | 21.87 | 79.7 | 22.06 | 81.4 | 22.25 | 83.1 | 22.43 | 84.6 | 23.13 | 86.4 | 23.29 | 89.9 | 23.60 | 91.7 | 23.75 |
| | 35 | 76.6 | 22.62 | 78.3 | 22.83 | 79.9 | 23.03 | 81.7 | 23.23 | 83.0 | 23.98 | 84.7 | 24.15 | 88.2 | 24.48 | 89.9 | 24.64 |
| | 37 | 75.1 | 23.42 | 76.8 | 23.63 | 78.5 | 23.84 | 80.1 | 24.03 | 81.4 | 24.84 | 83.1 | 25.02 | 86.5 | 25.37 | 88.2 | 25.53 |
| | 40 | 72.9 | 24.62 | 74.6 | 24.83 | 76.2 | 25.06 | 77.8 | 25.27 | 78.9 | 26.13 | 80.6 | 26.33 | 83.9 | 26.70 | 85.5 | 26.87 |
| | 43 | 70.7 | 25.82 | 72.3 | 26.05 | 73.9 | 26.29 | 75.5 | 26.51 | 76.4 | 27.44 | 78.0 | 27.65 | 81.2 | 28.04 | 82.8 | 28.23 |
| | 46 | 68.5 | 27.04 | 70.0 | 27.28 | 71.6 | 27.53 | 73.1 | 27.77 | 73.8 | 28.76 | 75.4 | 28.97 | 78.5 | 29.39 | 80.1 | 29.59 |
| 102.0 (130%) | 10 | 75.7 | 16.19 | 82.3 | 17.51 | 86.9 | 18.25 | 89.5 | 18.39 | 92.6 | 18.63 | 94.9 | 18.62 | 99.4 | 18.56 | 101.7 | 18.52 |
| | 15 | 75.7 | 16.65 | 82.3 | 18.02 | 86.6 | 18.67 | 88.9 | 18.75 | 91.9 | 19.03 | 94.1 | 19.00 | 98.7 | 18.96 | 100.9 | 18.92 |
| | 21 | 75.7 | 17.55 | 81.9 | 18.89 | 85.6 | 19.41 | 87.7 | 19.43 | 90.6 | 19.74 | 92.8 | 19.73 | 97.2 | 19.69 | 99.4 | 19.67 |
| | 23 | 75.7 | 17.94 | 81.7 | 19.22 | 85.2 | 19.69 | 87.2 | 19.72 | 90.0 | 20.05 | 92.2 | 20.04 | 96.6 | 20.01 | 98.7 | 20.00 |
| | 25 | 75.7 | 18.37 | 81.4 | 19.59 | 84.7 | 20.00 | 86.7 | 20.03 | 89.4 | 20.39 | 91.5 | 20.41 | 95.4 | 20.56 | 97.4 | 20.69 |
| | 27 | 75.7 | 18.86 | 81.1 | 20.01 | 84.0 | 20.38 | 86.0 | 20.46 | 88.3 | 20.93 | 90.3 | 21.07 | 93.9 | 21.33 | 95.8 | 21.46 |
| | 30 | 75.7 | 19.68 | 80.5 | 21.04 | 82.5 | 21.29 | 84.3 | 21.46 | 86.2 | 22.07 | 88.0 | 22.22 | 91.5 | 22.51 | 93.3 | 22.65 |
| | 33 | 75.6 | 21.33 | 78.8 | 22.22 | 80.4 | 22.41 | 82.2 | 22.60 | 83.9 | 23.28 | 85.6 | 23.45 | 89.1 | 23.76 | 90.9 | 23.92 |
| | 35 | 74.8 | 22.34 | 77.4 | 22.99 | 79.1 | 23.20 | 80.8 | 23.39 | 82.3 | 24.13 | 84.1 | 24.30 | 87.5 | 24.64 | 89.1 | 24.81 |
| | 37 | 74.1 | 23.43 | 76.0 | 23.80 | 77.6 | 24.01 | 79.3 | 24.22 | 80.7 | 24.99 | 82.4 | 25.17 | 85.8 | 25.53 | 87.4 | 25.70 |
| | 40 | 72.2 | 24.79 | 73.8 | 25.01 | 75.4 | 25.24 | 77.0 | 25.46 | 78.3 | 26.29 | 79.9 | 26.50 | 83.2 | 26.87 | 84.8 | 27.05 |
| | 43 | 70.0 | 26.01 | 71.6 | 26.25 | 73.1 | 26.48 | 74.7 | 26.71 | 75.8 | 27.61 | 77.4 | 27.82 | 80.6 | 28.22 | 82.2 | 28.42 |
| | 46 | 67.8 | 27.24 | 69.4 | 27.48 | 70.8 | 27.73 | 72.4 | 27.98 | 73.3 | 28.94 | 74.8 | 29.16 | 77.9 | 29.58 | 79.5 | 29.79 |
| 94.2 (120%) | 10 | 69.9 | 15.02 | 76.0 | 16.24 | 82.0 | 17.46 | 87.4 | 18.47 | 91.4 | 18.85 | 93.7 | 18.84 | 98.1 | 18.80 | 100.3 | 18.77 |
| | 15 | 69.9 | 15.45 | 75.9 | 16.70 | 82.0 | 17.97 | 87.1 | 18.90 | 90.7 | 19.24 | 92.9 | 19.23 | 97.3 | 19.20 | 99.6 | 19.17 |
| | 21 | 69.9 | 16.28 | 75.9 | 17.61 | 82.0 | 18.94 | 86.4 | 19.70 | 89.4 | 19.96 | 91.6 | 19.96 | 96.0 | 19.94 | 98.1 | 19.91 |
| | 23 | 69.9 | 16.64 | 75.9 | 18.00 | 82.0 | 19.36 | 85.9 | 19.99 | 88.9 | 20.27 | 91.1 | 20.27 | 95.3 | 20.25 | 97.5 | 20.23 |
| | 25 | 69.9 | 17.03 | 75.9 | 18.44 | 82.0 | 19.83 | 85.4 | 20.30 | 88.3 | 20.60 | 90.4 | 20.61 | 94.4 | 20.75 | 96.3 | 20.87 |
| | 27 | 69.9 | 17.48 | 75.9 | 18.92 | 81.8 | 20.29 | 84.8 | 20.68 | 87.4 | 21.11 | 89.2 | 21.25 | 92.8 | 21.53 | 94.7 | 21.66 |
| | 30 | 69.9 | 18.24 | 75.9 | 19.75 | 81.1 | 21.39 | 83.1 | 21.68 | 85.3 | 22.26 | 87.0 | 22.41 | 90.6 | 22.71 | 92.4 | 22.87 |
| | 33 | 69.9 | 19.17 | 75.9 | 21.48 | 79.5 | 22.64 | 81.2 | 22.83 | 83.1 | 23.48 | 84.8 | 23.64 | 88.2 | 23.97 | 90.0 | 24.13 |
| | 35 | 69.9 | 20.28 | 75.7 | 22.81 | 78.1 | 23.42 | 79.8 | 23.64 | 81.5 | 24.32 | 83.2 | 24.50 | 86.6 | 24.85 | 88.3 | 25.02 |
| | 37 | 69.9 | 21.69 | 74.9 | 23.92 | 76.7 | 24.25 | 78.3 | 24.47 | 80.0 | 25.19 | 81.7 | 25.38 | 84.9 | 25.75 | 86.6 | 25.92 |
| | 40 | 69.9 | 24.09 | 73.0 | 25.26 | 74.6 | 25.50 | 76.2 | 25.72 | 77.6 | 26.51 | 79.2 | 26.71 | 82.5 | 27.09 | 84.1 | 27.28 |
| | 43 | 69.0 | 26.08 | 70.8 | 26.51 | 72.4 | 26.75 | 74.0 | 26.99 | 75.2 | 27.84 | 76.7 | 28.05 | 79.9 | 28.46 | 81.5 | 28.65 |
| | 46 | 67.2 | 27.51 | 68.6 | 27.77 | 70.1 | 28.01 | 71.7 | 28.27 | 72.7 | 29.16 | 74.2 | 29.39 | 77.3 | 29.82 | 78.9 | 30.04 |
| 86.3 (110%) | 10 | 64.0 | 13.85 | 69.6 | 14.97 | 75.2 | 16.09 | 80.8 | 17.21 | 86.3 | 18.07 | 92.1 | 19.08 | 96.4 | 19.05 | 98.6 | 19.03 |
| | 15 | 64.0 | 14.24 | 69.6 | 15.40 | 75.2 | 16.55 | 80.8 | 17.71 | 86.3 | 18.62 | 91.4 | 19.47 | 95.7 | 19.45 | 97.9 | 19.43 |
| | 21 | 64.0 | 14.99 | 69.6 | 16.22 | 75.2 | 17.44 | 80.8 | 18.66 | 86.3 | 19.68 | 90.2 | 20.20 | 94.5 | 20.19 | 96.6 | 20.18 |
| | 23 | 64.0 | 15.33 | 69.6 | 16.57 | 75.2 | 17.83 | 80.8 | 19.07 | 86.3 | 20.14 | 89.6 | 20.51 | 93.8 | 20.50 | 95.9 | 20.50 |
| | 25 | 64.0 | 15.69 | 69.6 | 16.98 | 75.2 | 18.25 | 80.8 | 19.54 | 86.3 | 20.65 | 89.1 | 20.85 | 93.1 | 20.93 | 94.9 | 21.07 |
| | 27 | 64.0 | 16.10 | 69.6 | 17.42 | 75.2 | 18.73 | 80.8 | 20.06 | 86.0 | 21.20 | 88.0 | 21.43 | 91.6 | 21.72 | 93.5 | 21.86 |
| | 30 | 64.0 | 16.80 | 69.6 | 18.17 | 75.2 | 19.56 | 80.8 | 21.37 | 84.2 | 22.44 | 86.0 | 22.60 | 89.5 | 22.92 | 91.2 | 23.07 |
| | 33 | 64.0 | 17.61 | 69.6 | 19.10 | 75.2 | 21.16 | 80.1 | 23.18 | 82.1 | 23.68 | 83.8 | 23.85 | 87.2 | 24.18 | 88.8 | 24.35 |
| | 35 | 64.0 | 18.26 | 69.6 | 20.17 | 75.2 | 22.63 | 78.8 | 23.99 | 80.6 | 24.52 | 82.2 | 24.71 | 85.6 | 25.07 | 87.2 | 25.24 |
| | 37 | 64.0 | 19.16 | 69.6 | 21.58 | 75.2 | 24.26 | 77.4 | 24.84 | 79.1 | 25.40 | 80.7 | 25.60 | 83.9 | 25.97 | 85.5 | 26.15 |
| | 40 | 64.0 | 21.17 | 69.6 | 23.95 | 73.7 | 25.88 | 75.3 | 26.11 | 76.7 | 26.72 | 78.3 | 26.93 | 81.5 | 27.33 | 83.1 | 27.53 |
| | 43 | 64.0 | 23.48 | 69.6 | 26.63 | 71.5 | 27.16 | 73.1 | 27.40 | 74.4 | 28.06 | 75.9 | 28.28 | 79.1 | 28.70 | 80.5 | 28.90 |
| | 46 | 64.0 | 26.07 | 67.9 | 28.19 | 69.4 | 28.44 | 70.9 | 28.71 | 72.0 | 29.41 | 73.5 | 29.64 | 76.5 | 30.08 | 78.1 | 30.29 |
| 78.5 (100%) | 10 | 58.3 | 12.68 | 63.3 | 13.70 | 68.4 | 14.71 | 73.4 | 15.73 | 78.5 | 16.52 | 85.1 | 17.84 | 94.7 | 19.39 | 96.8 | 19.37 |
| | 15 | 58.3 | 13.03 | 63.3 | 14.08 | 68.4 | 15.13 | 73.4 | 16.18 | 78.5 | 17.01 | 85.1 | 18.38 | 94.1 | 19.79 | 96.1 | 19.78 |
| | 21 | 58.3 | 13.72 | 63.3 | 14.83 | 68.4 | 15.94 | 73.4 | 17.05 | 78.5 | 17.98 | 85.1 | 19.42 | 92.8 | 20.54 | 94.9 | 20.53 |
| | 23 | 58.3 | 14.02 | 63.3 | 15.16 | 68.4 | 16.29 | 73.4 | 17.43 | 78.5 | 18.40 | 85.1 | 19.87 | 92.3 | 20.85 | 94.4 | 20.85 |
| | 25 | 58.3 | 14.35 | 63.3 | 15.52 | 68.4 | 16.68 | 73.4 | 17.85 | 78.5 | 18.86 | 85.1 | 20.38 | 91.7 | 21.24 | 93.5 | 21.35 |
| | 27 | 58.3 | 14.72 | 63.3 | 15.93 | 68.4 | 17.12 | 73.4 | 18.31 | 78.5 | 19.38 | 85.1 | 20.94 | 90.3 | 22.01 | 92.1 | 22.15 |
| | 30 | 58.3 | 15.35 | 63.3 | 16.61 | 68.4 | 17.87 | 73.4 | 19.11 | 78.5 | 20.38 | 84.8 | 22.88 | 88.2 | 23.22 | 89.9 | 23.38 |
| | 33 | 58.3 | 16.09 | 63.3 | 17.41 | 68.4 | 18.72 | 73.4 | 20.41 | 78.5 | 22.53 | 82.6 | 24.14 | 86.0 | 24.50 | 87.6 | 24.67 |
| | 35 | 58.3 | 16.69 | 63.3 | 18.06 | 68.4 | 19.64 | 73.4 | 21.83 | 78.5 | 24.17 | 81.1 | 25.01 | 84.5 | 25.38 | 86.1 | 25.57 |
| | 37 | 58.3 | 17.34 | 63.3 | 18.91 | 68.4 | 20.99 | 73.4 | 23.39 | 78.1 | 25.69 | 79.7 | 25.90 | 82.9 | 26.29 | 84.5 | 26.49 |
| | 40 | 58.3 | 18.64 | 63.3 | 20.81 | 68.4 | 23.30 | 73.4 | 25.99 | 75.8 | 27.04 | 77.4 | 27.25 | 80.5 | 27.67 | 82.1 | 27.88 |
| | 43 | 58.3 | 20.47 | 63.3 | 23.07 | 68.4 | 25.88 | 71.5 | 27.37 | 73.5 | 28.39 | 75.1 | 28.62 | 78.1 | 29.06 | 79.7 | 29.27 |
| | 46 | 58.3 | 22.67 | 63.3 | 25.61 | 67.9 | 28.43 | 69.4 | 28.69 | 71.2 | 29.75 | 72.7 | 30.00 | 75.7 | 30.46 | 77.2 | 30.68 |

MODEL SELECTION

| Cooling capacity at rated condition: 78.5 kW (28HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 70.6 (90%) | 10 | 52.4 | 11.49 | 57.0 | 12.41 | 61.6 | 13.33 | 66.1 | 14.25 | 70.6 | 14.96 | 76.6 | 16.15 | 88.6 | 18.53 | 93.5 | 19.39 |
| | 15 | 52.4 | 11.82 | 57.0 | 12.77 | 61.6 | 13.71 | 66.1 | 14.66 | 70.6 | 15.42 | 76.6 | 16.64 | 88.6 | 19.09 | 92.9 | 19.79 |
| | 21 | 52.4 | 12.44 | 57.0 | 13.45 | 61.6 | 14.44 | 66.1 | 15.44 | 70.6 | 16.28 | 76.6 | 17.57 | 88.6 | 20.17 | 91.7 | 20.53 |
| | 23 | 52.4 | 12.71 | 57.0 | 13.74 | 61.6 | 14.76 | 66.1 | 15.78 | 70.6 | 16.65 | 76.6 | 17.98 | 88.6 | 20.64 | 91.2 | 20.85 |
| | 25 | 52.4 | 13.01 | 57.0 | 14.06 | 61.6 | 15.12 | 66.1 | 16.16 | 70.6 | 17.07 | 76.6 | 18.43 | 88.5 | 21.13 | 90.6 | 21.19 |
| | 27 | 52.4 | 13.35 | 57.0 | 14.42 | 61.6 | 15.51 | 66.1 | 16.58 | 70.6 | 17.54 | 76.6 | 18.94 | 87.7 | 21.78 | 89.5 | 21.92 |
| | 30 | 52.4 | 13.91 | 57.0 | 15.05 | 61.6 | 16.17 | 66.1 | 17.30 | 70.6 | 18.33 | 76.6 | 19.81 | 85.7 | 22.98 | 87.4 | 23.14 |
| | 33 | 52.4 | 14.58 | 57.0 | 15.76 | 61.6 | 16.94 | 66.1 | 18.13 | 70.6 | 19.34 | 76.6 | 21.72 | 83.7 | 24.25 | 85.3 | 24.42 |
| | 35 | 52.4 | 15.11 | 57.0 | 16.35 | 61.6 | 17.57 | 66.1 | 18.90 | 70.6 | 20.57 | 76.6 | 23.27 | 82.2 | 25.13 | 83.8 | 25.31 |
| | 37 | 52.4 | 15.70 | 57.0 | 16.99 | 61.6 | 18.33 | 66.1 | 19.98 | 70.6 | 22.04 | 76.6 | 25.00 | 80.8 | 26.04 | 82.2 | 26.23 |
| | 40 | 52.4 | 16.71 | 57.0 | 18.19 | 61.6 | 19.98 | 66.1 | 22.16 | 70.6 | 24.53 | 75.4 | 26.98 | 78.4 | 27.40 | 80.0 | 27.60 |
| | 43 | 52.4 | 18.02 | 57.0 | 19.85 | 61.6 | 22.13 | 66.1 | 24.59 | 70.6 | 27.31 | 73.2 | 28.34 | 76.2 | 28.78 | 77.6 | 29.00 |
| | 46 | 52.4 | 19.61 | 57.0 | 21.97 | 61.6 | 24.56 | 66.1 | 27.34 | 69.5 | 29.47 | 70.9 | 29.71 | 73.8 | 30.17 | 75.2 | 30.40 |
| 62.8 (80%) | 10 | 46.6 | 10.32 | 50.6 | 11.14 | 54.7 | 11.96 | 58.8 | 12.78 | 62.8 | 13.40 | 68.1 | 14.46 | 78.8 | 16.57 | 84.1 | 17.62 |
| | 15 | 46.6 | 10.61 | 50.6 | 11.46 | 54.7 | 12.30 | 58.8 | 13.14 | 62.8 | 13.81 | 68.1 | 14.90 | 78.8 | 17.07 | 84.1 | 18.16 |
| | 21 | 46.6 | 11.17 | 50.6 | 12.06 | 54.7 | 12.95 | 58.8 | 13.83 | 62.8 | 14.57 | 68.1 | 15.73 | 78.8 | 18.04 | 84.1 | 19.19 |
| | 23 | 46.6 | 11.41 | 50.6 | 12.31 | 54.7 | 13.22 | 58.8 | 14.14 | 62.8 | 14.91 | 68.1 | 16.09 | 78.8 | 18.45 | 84.1 | 19.64 |
| | 25 | 46.6 | 11.67 | 50.6 | 12.60 | 54.7 | 13.54 | 58.8 | 14.47 | 62.8 | 15.28 | 68.1 | 16.49 | 78.8 | 18.92 | 84.1 | 20.13 |
| | 27 | 46.6 | 11.97 | 50.6 | 12.93 | 54.7 | 13.88 | 58.8 | 14.84 | 62.8 | 15.69 | 68.1 | 16.95 | 78.8 | 19.44 | 84.1 | 20.69 |
| | 30 | 46.6 | 12.48 | 50.6 | 13.47 | 54.7 | 14.48 | 58.8 | 15.49 | 62.8 | 16.40 | 68.1 | 17.71 | 78.8 | 20.48 | 84.1 | 22.63 |
| | 33 | 46.6 | 13.06 | 50.6 | 14.12 | 54.7 | 15.17 | 58.8 | 16.22 | 62.8 | 17.23 | 68.1 | 18.60 | 78.8 | 22.66 | 82.5 | 24.13 |
| | 35 | 46.6 | 13.54 | 50.6 | 14.64 | 54.7 | 15.73 | 58.8 | 16.82 | 62.8 | 17.88 | 68.1 | 19.50 | 78.8 | 24.29 | 81.1 | 25.00 |
| | 37 | 46.6 | 14.06 | 50.6 | 15.20 | 54.7 | 16.34 | 58.8 | 17.49 | 62.8 | 18.73 | 68.1 | 20.87 | 78.2 | 25.71 | 79.7 | 25.90 |
| | 40 | 46.6 | 14.97 | 50.6 | 16.18 | 54.7 | 17.40 | 58.8 | 18.82 | 62.8 | 20.58 | 68.1 | 23.20 | 76.1 | 27.07 | 77.5 | 27.27 |
| | 43 | 46.6 | 16.02 | 50.6 | 17.37 | 54.7 | 18.88 | 58.8 | 20.72 | 62.8 | 22.85 | 68.1 | 25.82 | 73.9 | 28.44 | 75.3 | 28.66 |
| | 46 | 46.6 | 17.27 | 50.6 | 18.89 | 54.7 | 20.76 | 58.8 | 22.96 | 62.8 | 25.39 | 68.1 | 28.76 | 71.6 | 29.83 | 73.1 | 30.05 |
| 54.9 (70%) | 10 | 40.8 | 9.15 | 44.3 | 9.87 | 47.8 | 10.59 | 51.4 | 11.29 | 54.9 | 11.85 | 59.6 | 12.77 | 68.9 | 14.61 | 73.6 | 15.54 |
| | 15 | 40.8 | 9.40 | 44.3 | 10.14 | 47.8 | 10.88 | 51.4 | 11.61 | 54.9 | 12.20 | 59.6 | 13.15 | 68.9 | 15.05 | 73.6 | 16.01 |
| | 21 | 40.8 | 9.89 | 44.3 | 10.67 | 47.8 | 11.44 | 51.4 | 12.22 | 54.9 | 12.87 | 59.6 | 13.88 | 68.9 | 15.90 | 73.6 | 16.92 |
| | 23 | 40.8 | 10.10 | 44.3 | 10.89 | 47.8 | 11.69 | 51.4 | 12.48 | 54.9 | 13.16 | 59.6 | 14.19 | 68.9 | 16.27 | 73.6 | 17.30 |
| | 25 | 40.8 | 10.34 | 44.3 | 11.15 | 47.8 | 11.97 | 51.4 | 12.77 | 54.9 | 13.49 | 59.6 | 14.55 | 68.9 | 16.67 | 73.6 | 17.73 |
| | 27 | 40.8 | 10.59 | 44.3 | 11.43 | 47.8 | 12.27 | 51.4 | 13.11 | 54.9 | 13.85 | 59.6 | 14.95 | 68.9 | 17.13 | 73.6 | 18.22 |
| | 30 | 40.8 | 11.04 | 44.3 | 11.91 | 47.8 | 12.79 | 51.4 | 13.67 | 54.9 | 14.47 | 59.6 | 15.61 | 68.9 | 17.91 | 73.6 | 19.05 |
| | 33 | 40.8 | 11.55 | 44.3 | 12.47 | 47.8 | 13.40 | 51.4 | 14.32 | 54.9 | 15.19 | 59.6 | 16.40 | 68.9 | 18.81 | 73.6 | 20.41 |
| | 35 | 40.8 | 11.97 | 44.3 | 12.93 | 47.8 | 13.88 | 51.4 | 14.84 | 54.9 | 15.76 | 59.6 | 17.02 | 68.9 | 19.83 | 73.6 | 21.86 |
| | 37 | 40.8 | 12.42 | 44.3 | 13.42 | 47.8 | 14.43 | 51.4 | 15.42 | 54.9 | 16.39 | 59.6 | 17.70 | 68.9 | 21.23 | 73.6 | 23.45 |
| | 40 | 40.8 | 13.21 | 44.3 | 14.28 | 47.8 | 15.34 | 51.4 | 16.41 | 54.9 | 17.49 | 59.6 | 19.13 | 68.9 | 23.61 | 73.6 | 26.13 |
| | 43 | 40.8 | 14.15 | 44.3 | 15.29 | 47.8 | 16.44 | 51.4 | 17.65 | 54.9 | 19.00 | 59.6 | 21.19 | 68.9 | 26.27 | 72.5 | 28.24 |
| | 46 | 40.8 | 15.22 | 44.3 | 16.46 | 47.8 | 17.77 | 51.4 | 19.19 | 54.9 | 20.95 | 59.6 | 23.52 | 68.9 | 29.29 | 70.4 | 29.62 |
| 47.1 (60%) | 10 | 34.9 | 7.98 | 38.0 | 8.60 | 41.0 | 9.20 | 44.1 | 9.82 | 47.1 | 10.29 | 51.1 | 11.08 | 59.1 | 12.67 | 63.1 | 13.46 |
| | 15 | 34.9 | 8.20 | 38.0 | 8.83 | 41.0 | 9.46 | 44.1 | 10.09 | 47.1 | 10.59 | 51.1 | 11.40 | 59.1 | 13.04 | 63.1 | 13.86 |
| | 21 | 34.9 | 8.61 | 38.0 | 9.28 | 41.0 | 9.95 | 44.1 | 10.61 | 47.1 | 11.17 | 51.1 | 12.03 | 59.1 | 13.77 | 63.1 | 14.63 |
| | 23 | 34.9 | 8.79 | 38.0 | 9.47 | 41.0 | 10.15 | 44.1 | 10.84 | 47.1 | 11.41 | 51.1 | 12.30 | 59.1 | 14.07 | 63.1 | 14.96 |
| | 25 | 34.9 | 9.00 | 38.0 | 9.69 | 41.0 | 10.39 | 44.1 | 11.09 | 47.1 | 11.70 | 51.1 | 12.60 | 59.1 | 14.43 | 63.1 | 15.34 |
| | 27 | 34.9 | 9.22 | 38.0 | 9.93 | 41.0 | 10.65 | 44.1 | 11.37 | 47.1 | 12.00 | 51.1 | 12.94 | 59.1 | 14.82 | 63.1 | 15.76 |
| | 30 | 34.9 | 9.60 | 38.0 | 10.35 | 41.0 | 11.10 | 44.1 | 11.85 | 47.1 | 12.54 | 51.1 | 13.53 | 59.1 | 15.49 | 63.1 | 16.47 |
| | 33 | 34.9 | 10.04 | 38.0 | 10.83 | 41.0 | 11.62 | 44.1 | 12.41 | 47.1 | 13.15 | 51.1 | 14.19 | 59.1 | 16.26 | 63.1 | 17.29 |
| | 35 | 34.9 | 10.39 | 38.0 | 11.21 | 41.0 | 12.04 | 44.1 | 12.86 | 47.1 | 13.65 | 51.1 | 14.72 | 59.1 | 16.87 | 63.1 | 17.95 |
| | 37 | 34.9 | 10.79 | 38.0 | 11.65 | 41.0 | 12.50 | 44.1 | 13.36 | 47.1 | 14.19 | 51.1 | 15.31 | 59.1 | 17.55 | 63.1 | 18.81 |
| | 40 | 34.9 | 11.46 | 38.0 | 12.38 | 41.0 | 13.28 | 44.1 | 14.20 | 47.1 | 15.11 | 51.1 | 16.31 | 59.1 | 18.94 | 63.1 | 20.71 |
| | 43 | 34.9 | 12.26 | 38.0 | 13.24 | 41.0 | 14.23 | 44.1 | 15.20 | 47.1 | 16.20 | 51.1 | 17.56 | 59.1 | 20.92 | 63.1 | 23.00 |
| | 46 | 34.9 | 13.18 | 38.0 | 14.25 | 41.0 | 15.30 | 44.1 | 16.37 | 47.1 | 17.51 | 51.1 | 19.11 | 59.1 | 23.21 | 63.1 | 25.56 |
| 39.3 (50%) | 10 | 29.1 | 6.81 | 31.6 | 7.32 | 34.2 | 7.83 | 36.7 | 8.34 | 39.3 | 8.73 | 42.6 | 9.39 | 49.2 | 10.71 | 52.5 | 11.38 |
| | 15 | 29.1 | 6.99 | 31.6 | 7.51 | 34.2 | 8.05 | 36.7 | 8.57 | 39.3 | 8.99 | 42.6 | 9.66 | 49.2 | 11.03 | 52.5 | 11.70 |
| | 21 | 29.1 | 7.33 | 31.6 | 7.89 | 34.2 | 8.44 | 36.7 | 9.01 | 39.3 | 9.46 | 42.6 | 10.18 | 49.2 | 11.63 | 52.5 | 12.35 |
| | 23 | 29.1 | 7.49 | 31.6 | 8.05 | 34.2 | 8.62 | 36.7 | 9.19 | 39.3 | 9.67 | 42.6 | 10.41 | 49.2 | 11.89 | 52.5 | 12.63 |
| | 25 | 29.1 | 7.65 | 31.6 | 8.23 | 34.2 | 8.81 | 36.7 | 9.40 | 39.3 | 9.90 | 42.6 | 10.66 | 49.2 | 12.18 | 52.5 | 12.94 |
| | 27 | 29.1 | 7.84 | 31.6 | 8.43 | 34.2 | 9.04 | 36.7 | 9.64 | 39.3 | 10.17 | 42.6 | 10.95 | 49.2 | 12.50 | 52.5 | 13.29 |
| | 30 | 29.1 | 8.15 | 31.6 | 8.79 | 34.2 | 9.41 | 36.7 | 10.03 | 39.3 | 10.61 | 42.6 | 11.43 | 49.2 | 13.06 | 52.5 | 13.88 |
| | 33 | 29.1 | 8.52 | 31.6 | 9.18 | 34.2 | 9.84 | 36.7 | 10.49 | 39.3 | 11.12 | 42.6 | 11.99 | 49.2 | 13.71 | 52.5 | 14.57 |
| | 35 | 29.1 | 8.82 | 31.6 | 9.50 | 34.2 | 10.19 | 36.7 | 10.87 | 39.3 | 11.53 | 42.6 | 12.43 | 49.2 | 14.22 | 52.5 | 15.11 |
| | 37 | 29.1 | 9.15 | 31.6 | 9.86 | 34.2 | 10.58 | 36.7 | 11.28 | 39.3 | 11.98 | 42.6 | 12.92 | 49.2 | 14.79 | 52.5 | 15.72 |
| | 40 | 29.1 | 9.71 | 31.6 | 10.47 | 34.2 | 11.23 | 36.7 | 11.99 | 39.3 | 12.76 | 42.6 | 13.76 | 49.2 | 15.75 | 52.5 | 16.75 |
| | 43 | 29.1 | 10.37 | 31.6 | 11.19 | 34.2 | 12.01 | 36.7 | 12.83 | 39.3 | 13.66 | 42.6 | 14.75 | 49.2 | 16.89 | 52.5 | 18.10 |
| | 46 | 29.1 | 11.14 | 31.6 | 12.03 | 34.2 | 12.91 | 36.7 | 13.80 | 39.3 | 14.72 | 42.6 | 15.89 | 49.2 | 18.35 | 52.5 | 19.71 |

# ■ Model: AJ∗270GALDH

| Cooling capacity at rated condition: 85.0 kW (30HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 127.5 (150%) | 10 | 91.7 | 18.95 | 96.1 | 19.47 | 98.5 | 19.49 | 101.0 | 19.51 | 104.1 | 19.85 | 106.8 | 19.84 | 111.9 | 19.79 | 114.6 | 19.75 |
| | 15 | 91.4 | 19.39 | 95.4 | 19.84 | 97.8 | 19.87 | 100.3 | 19.89 | 103.3 | 20.26 | 105.8 | 20.25 | 111.0 | 20.20 | 113.7 | 20.18 |
| | 21 | 90.8 | 20.23 | 94.2 | 20.54 | 96.5 | 20.58 | 98.9 | 20.62 | 101.7 | 21.03 | 104.1 | 21.03 | 109.0 | 21.08 | 111.4 | 21.14 |
| | 23 | 90.5 | 20.59 | 93.6 | 20.84 | 96.0 | 20.88 | 98.3 | 20.92 | 100.9 | 21.39 | 103.2 | 21.47 | 107.8 | 21.62 | 110.1 | 21.68 |
| | 25 | 90.2 | 20.99 | 93.0 | 21.17 | 95.2 | 21.29 | 97.3 | 21.41 | 99.7 | 21.94 | 102.0 | 22.03 | 106.3 | 22.27 | 108.4 | 22.43 |
| | 27 | 89.8 | 21.58 | 91.9 | 21.70 | 94.1 | 21.84 | 96.3 | 21.96 | 98.4 | 22.56 | 100.4 | 22.73 | 104.5 | 23.07 | 106.4 | 23.24 |
| | 30 | 88.3 | 22.41 | 90.3 | 22.59 | 92.2 | 22.82 | 94.2 | 23.03 | 95.8 | 23.78 | 97.7 | 23.97 | 101.6 | 24.36 | 103.5 | 24.54 |
| | 33 | 86.0 | 23.56 | 87.9 | 23.80 | 89.8 | 24.03 | 91.6 | 24.27 | 93.1 | 25.09 | 95.0 | 25.29 | 98.7 | 25.70 | 100.6 | 25.88 |
| | 35 | 84.4 | 24.39 | 86.3 | 24.63 | 88.1 | 24.88 | 90.0 | 25.12 | 91.2 | 25.97 | 93.1 | 26.18 | 96.8 | 26.59 | 98.7 | 26.79 |
| | 37 | 82.8 | 25.22 | 84.6 | 25.47 | 86.5 | 25.72 | 88.3 | 25.96 | 89.4 | 26.86 | 91.3 | 27.07 | 94.8 | 27.49 | 96.7 | 27.69 |
| | 40 | 80.3 | 26.47 | 82.1 | 26.73 | 83.9 | 26.98 | 85.7 | 27.24 | 86.6 | 28.19 | 88.4 | 28.41 | 91.9 | 28.85 | 93.6 | 29.05 |
| | 43 | 77.9 | 27.73 | 79.5 | 28.00 | 81.3 | 28.27 | 83.0 | 28.53 | 83.8 | 29.53 | 85.5 | 29.76 | 88.9 | 30.20 | 90.7 | 30.42 |
| | 46 | 75.4 | 29.00 | 77.0 | 29.28 | 78.7 | 29.56 | 80.3 | 29.83 | 80.9 | 30.87 | 82.6 | 31.12 | 86.0 | 31.57 | 87.6 | 31.79 |
| 119.0 (140%) | 10 | 88.2 | 18.51 | 93.4 | 19.25 | 97.2 | 19.66 | 99.5 | 19.68 | 102.9 | 20.00 | 105.4 | 19.98 | 110.6 | 19.94 | 113.2 | 19.92 |
| | 15 | 88.1 | 19.00 | 93.0 | 19.70 | 96.4 | 20.04 | 98.8 | 20.06 | 102.1 | 20.40 | 104.6 | 20.39 | 109.7 | 20.36 | 112.3 | 20.33 |
| | 21 | 87.5 | 19.82 | 92.4 | 20.56 | 95.2 | 20.75 | 97.6 | 20.78 | 100.5 | 21.17 | 103.0 | 21.17 | 108.0 | 21.16 | 110.3 | 21.23 |
| | 23 | 87.2 | 20.16 | 92.1 | 20.92 | 94.7 | 21.04 | 97.0 | 21.08 | 99.9 | 21.48 | 102.2 | 21.56 | 106.7 | 21.71 | 109.0 | 21.78 |
| | 25 | 86.9 | 20.55 | 91.8 | 21.32 | 94.0 | 21.39 | 96.2 | 21.51 | 98.8 | 22.03 | 101.0 | 22.12 | 105.3 | 22.35 | 107.3 | 22.51 |
| | 27 | 86.6 | 20.98 | 90.9 | 21.81 | 93.0 | 21.93 | 95.2 | 22.06 | 97.5 | 22.63 | 99.5 | 22.81 | 103.5 | 23.15 | 105.5 | 23.32 |
| | 30 | 86.1 | 21.95 | 89.2 | 22.69 | 91.3 | 22.90 | 93.2 | 23.13 | 95.0 | 23.86 | 96.9 | 24.05 | 100.8 | 24.43 | 102.7 | 24.62 |
| | 33 | 85.1 | 23.63 | 87.0 | 23.90 | 88.9 | 24.14 | 90.7 | 24.38 | 92.3 | 25.16 | 94.2 | 25.38 | 97.9 | 25.79 | 99.8 | 25.98 |
| | 35 | 83.6 | 24.48 | 85.4 | 24.74 | 87.2 | 24.98 | 89.1 | 25.23 | 90.5 | 26.06 | 92.3 | 26.28 | 96.1 | 26.69 | 97.9 | 26.89 |
| | 37 | 82.0 | 25.32 | 83.8 | 25.58 | 85.6 | 25.83 | 87.4 | 26.08 | 88.7 | 26.95 | 90.5 | 27.17 | 94.2 | 27.60 | 95.9 | 27.80 |
| | 40 | 79.6 | 26.59 | 81.3 | 26.85 | 83.1 | 27.12 | 84.8 | 27.37 | 86.0 | 28.28 | 87.8 | 28.52 | 91.3 | 28.96 | 93.0 | 29.17 |
| | 43 | 77.1 | 27.86 | 78.8 | 28.13 | 80.6 | 28.41 | 82.3 | 28.67 | 83.2 | 29.63 | 84.9 | 29.88 | 88.3 | 30.33 | 90.0 | 30.55 |
| | 46 | 74.7 | 29.14 | 76.3 | 29.42 | 78.0 | 29.71 | 79.6 | 29.98 | 80.4 | 30.99 | 82.0 | 31.23 | 85.3 | 31.70 | 87.0 | 31.93 |
| 110.5 (130%) | 10 | 82.0 | 17.27 | 89.1 | 18.68 | 94.3 | 19.49 | 97.9 | 19.87 | 101.6 | 20.16 | 104.0 | 20.16 | 109.1 | 20.13 | 111.6 | 20.10 |
| | 15 | 82.0 | 17.75 | 89.1 | 19.21 | 94.0 | 19.94 | 97.3 | 20.26 | 100.8 | 20.57 | 103.2 | 20.56 | 108.3 | 20.55 | 110.8 | 20.52 |
| | 21 | 82.0 | 18.69 | 88.7 | 20.11 | 93.3 | 20.81 | 96.0 | 20.98 | 99.3 | 21.33 | 101.7 | 21.34 | 106.6 | 21.33 | 109.0 | 21.35 |
| | 23 | 82.0 | 19.10 | 88.5 | 20.46 | 93.1 | 21.18 | 95.5 | 21.27 | 98.7 | 21.66 | 101.1 | 21.67 | 105.6 | 21.82 | 107.8 | 21.90 |
| | 25 | 82.0 | 19.55 | 88.2 | 20.86 | 92.7 | 21.56 | 94.9 | 21.63 | 97.7 | 22.13 | 99.9 | 22.22 | 104.2 | 22.46 | 106.2 | 22.63 |
| | 27 | 82.0 | 20.06 | 87.9 | 21.30 | 91.8 | 22.05 | 93.9 | 22.17 | 96.5 | 22.73 | 98.5 | 22.91 | 102.4 | 23.26 | 104.5 | 23.44 |
| | 30 | 82.0 | 20.91 | 87.3 | 22.38 | 90.1 | 23.02 | 92.0 | 23.24 | 94.1 | 23.95 | 96.0 | 24.15 | 99.7 | 24.55 | 101.7 | 24.74 |
| | 33 | 81.9 | 22.58 | 86.0 | 24.01 | 87.8 | 24.25 | 89.7 | 24.50 | 91.5 | 25.28 | 93.3 | 25.49 | 97.0 | 25.91 | 98.9 | 26.11 |
| | 35 | 81.1 | 23.76 | 84.5 | 24.86 | 86.2 | 25.11 | 88.1 | 25.35 | 89.7 | 26.17 | 91.6 | 26.39 | 95.2 | 26.82 | 97.0 | 27.03 |
| | 37 | 80.4 | 24.99 | 82.9 | 25.71 | 84.6 | 25.96 | 86.4 | 26.22 | 87.9 | 27.07 | 89.7 | 27.29 | 93.3 | 27.73 | 95.1 | 27.94 |
| | 40 | 78.7 | 26.72 | 80.4 | 26.99 | 82.2 | 27.26 | 83.9 | 27.52 | 85.3 | 28.42 | 87.0 | 28.66 | 90.5 | 29.11 | 92.2 | 29.32 |
| | 43 | 76.4 | 28.01 | 78.1 | 28.29 | 79.7 | 28.57 | 81.4 | 28.84 | 82.5 | 29.77 | 84.3 | 30.02 | 87.6 | 30.48 | 89.3 | 30.71 |
| | 46 | 73.9 | 29.30 | 75.6 | 29.59 | 77.2 | 29.88 | 78.9 | 30.16 | 79.8 | 31.14 | 81.4 | 31.39 | 84.7 | 31.87 | 86.4 | 32.10 |
| 102.0 (120%) | 10 | 75.7 | 16.03 | 82.3 | 17.32 | 88.8 | 18.62 | 94.7 | 19.70 | 99.8 | 20.29 | 102.6 | 20.37 | 107.5 | 20.35 | 110.0 | 20.34 |
| | 15 | 75.7 | 16.47 | 82.2 | 17.81 | 88.8 | 19.15 | 94.4 | 20.16 | 99.4 | 20.77 | 101.7 | 20.77 | 106.7 | 20.77 | 109.2 | 20.76 |
| | 21 | 75.7 | 17.34 | 82.2 | 18.75 | 88.8 | 20.17 | 93.8 | 21.02 | 97.9 | 21.54 | 100.3 | 21.55 | 105.1 | 21.56 | 107.5 | 21.55 |
| | 23 | 75.7 | 17.71 | 82.2 | 19.15 | 88.8 | 20.60 | 93.5 | 21.40 | 97.3 | 21.86 | 99.7 | 21.88 | 104.2 | 21.97 | 106.5 | 22.05 |
| | 25 | 75.7 | 18.13 | 82.2 | 19.61 | 88.8 | 21.09 | 93.2 | 21.81 | 96.6 | 22.27 | 98.7 | 22.36 | 103.0 | 22.60 | 105.0 | 22.77 |
| | 27 | 75.7 | 18.59 | 82.2 | 20.12 | 88.6 | 21.57 | 92.6 | 22.34 | 95.4 | 22.88 | 97.4 | 23.05 | 101.3 | 23.42 | 103.3 | 23.59 |
| | 30 | 75.7 | 19.39 | 82.2 | 20.98 | 87.9 | 22.72 | 90.7 | 23.40 | 93.1 | 24.09 | 94.9 | 24.29 | 98.7 | 24.70 | 100.6 | 24.90 |
| | 33 | 75.7 | 20.31 | 82.2 | 22.74 | 86.7 | 24.43 | 88.5 | 24.67 | 90.5 | 25.43 | 92.4 | 25.64 | 96.0 | 26.08 | 97.9 | 26.28 |
| | 35 | 75.7 | 21.42 | 82.0 | 24.25 | 85.1 | 25.29 | 86.9 | 25.55 | 88.8 | 26.32 | 90.7 | 26.55 | 94.3 | 26.99 | 96.0 | 27.20 |
| | 37 | 75.7 | 22.98 | 81.2 | 25.50 | 83.6 | 26.16 | 85.3 | 26.42 | 87.1 | 27.23 | 88.9 | 27.46 | 92.4 | 27.91 | 94.1 | 28.13 |
| | 40 | 75.7 | 25.53 | 79.6 | 27.19 | 81.3 | 27.47 | 83.0 | 27.74 | 84.5 | 28.60 | 86.2 | 28.84 | 89.7 | 29.30 | 91.4 | 29.52 |
| | 43 | 74.8 | 27.72 | 77.1 | 28.51 | 78.8 | 28.79 | 80.5 | 29.07 | 81.8 | 29.97 | 83.4 | 30.22 | 86.8 | 30.70 | 88.5 | 30.93 |
| | 46 | 73.2 | 29.54 | 74.8 | 29.84 | 76.3 | 30.12 | 78.0 | 30.42 | 79.1 | 31.34 | 80.7 | 31.60 | 84.0 | 32.10 | 85.6 | 32.34 |
| 93.5 (110%) | 10 | 69.3 | 14.78 | 75.4 | 15.97 | 81.4 | 17.16 | 87.5 | 18.35 | 93.5 | 19.26 | 100.2 | 20.46 | 105.5 | 20.59 | 108.0 | 20.58 |
| | 15 | 69.3 | 15.19 | 75.4 | 16.42 | 81.4 | 17.65 | 87.5 | 18.87 | 93.5 | 19.83 | 99.8 | 20.96 | 104.8 | 21.01 | 107.2 | 21.00 |
| | 21 | 69.3 | 15.98 | 75.4 | 17.28 | 81.4 | 18.57 | 87.5 | 19.87 | 93.5 | 20.95 | 98.6 | 21.78 | 103.4 | 21.80 | 105.7 | 21.80 |
| | 23 | 69.3 | 16.33 | 75.4 | 17.65 | 81.4 | 18.98 | 87.5 | 20.30 | 93.5 | 21.43 | 98.0 | 22.10 | 102.7 | 22.13 | 104.8 | 22.22 |
| | 25 | 69.3 | 16.71 | 75.4 | 18.07 | 81.4 | 19.42 | 87.5 | 20.79 | 93.5 | 21.97 | 97.3 | 22.51 | 101.5 | 22.74 | 103.5 | 22.92 |
| | 27 | 69.3 | 17.13 | 75.4 | 18.53 | 81.4 | 19.92 | 87.5 | 21.32 | 93.2 | 22.59 | 96.0 | 23.19 | 99.9 | 23.57 | 101.9 | 23.75 |
| | 30 | 69.3 | 17.86 | 75.4 | 19.32 | 81.4 | 20.79 | 87.5 | 22.67 | 91.9 | 24.22 | 93.7 | 24.43 | 97.5 | 24.85 | 99.3 | 25.05 |
| | 33 | 69.3 | 18.71 | 75.4 | 20.24 | 81.4 | 22.39 | 87.0 | 24.78 | 89.4 | 25.58 | 91.2 | 25.80 | 94.9 | 26.24 | 96.6 | 26.45 |
| | 35 | 69.3 | 19.42 | 75.4 | 21.30 | 81.4 | 24.03 | 85.8 | 25.84 | 87.8 | 26.48 | 89.5 | 26.72 | 93.1 | 27.17 | 94.9 | 27.38 |
| | 37 | 69.3 | 20.22 | 75.4 | 22.85 | 81.4 | 25.80 | 84.2 | 26.74 | 86.1 | 27.40 | 87.8 | 27.64 | 91.3 | 28.09 | 93.0 | 28.32 |
| | 40 | 69.3 | 22.35 | 75.4 | 25.38 | 80.3 | 27.81 | 82.0 | 28.08 | 83.5 | 28.77 | 85.2 | 29.03 | 88.6 | 29.50 | 90.3 | 29.73 |
| | 43 | 69.3 | 24.80 | 75.4 | 28.25 | 77.9 | 29.16 | 79.5 | 29.44 | 80.9 | 30.16 | 82.5 | 30.42 | 85.9 | 30.91 | 87.5 | 31.14 |
| | 46 | 69.3 | 27.57 | 73.9 | 30.21 | 75.5 | 30.51 | 77.1 | 30.81 | 78.3 | 31.56 | 79.9 | 31.82 | 83.1 | 32.33 | 84.7 | 32.57 |
| 85.0 (100%) | 10 | 63.1 | 13.54 | 68.6 | 14.62 | 74.0 | 15.69 | 79.5 | 16.78 | 85.0 | 17.61 | 92.2 | 19.01 | 103.5 | 20.91 | 105.8 | 20.91 |
| | 15 | 63.1 | 13.91 | 68.6 | 15.02 | 74.0 | 16.14 | 79.5 | 17.25 | 85.0 | 18.13 | 92.2 | 19.58 | 102.8 | 21.33 | 105.1 | 21.33 |
| | 21 | 63.1 | 14.62 | 68.6 | 15.80 | 74.0 | 16.99 | 79.5 | 18.16 | 85.0 | 19.14 | 92.2 | 20.67 | 101.4 | 22.12 | 103.7 | 22.13 |
| | 23 | 63.1 | 14.94 | 68.6 | 16.15 | 74.0 | 17.35 | 79.5 | 18.55 | 85.0 | 19.58 | 92.2 | 21.15 | 100.8 | 22.45 | 103.1 | 22.46 |
| | 25 | 63.1 | 15.28 | 68.6 | 16.52 | 74.0 | 17.75 | 79.5 | 18.99 | 85.0 | 20.07 | 92.2 | 21.68 | 99.9 | 22.96 | 101.8 | 23.15 |
| | 27 | 63.1 | 15.67 | 68.6 | 16.95 | 74.0 | 18.21 | 79.5 | 19.48 | 85.0 | 20.61 | 92.2 | 22.28 | 98.4 | 23.80 | 100.3 | 23.98 |
| | 30 | 63.1 | 16.33 | 68.6 | 17.66 | 74.0 | 18.99 | 79.5 | 20.31 | 85.0 | 21.60 | 92.1 | 24.49 | 96.0 | 25.09 | 97.9 | 25.30 |
| | 33 | 63.1 | 17.10 | 68.6 | 18.50 | 74.0 | 19.89 | 79.5 | 21.55 | 85.0 | 23.94 | 90.0 | 26.03 | 93.5 | 26.49 | 95.3 | 26.71 |
| | 35 | 63.1 | 17.75 | 68.6 | 19.21 | 74.0 | 20.72 | 79.5 | 23.14 | 85.0 | 25.76 | 88.3 | 26.97 | 91.8 | 27.43 | 93.6 | 27.66 |
| | 37 | 63.1 | 18.48 | 68.6 | 19.99 | 74.0 | 22.21 | 79.5 | 24.83 | 84.8 | 27.52 | 86.7 | 27.90 | 90.1 | 28.37 | 91.8 | 28.61 |
| | 40 | 63.1 | 19.71 | 68.6 | 21.96 | 74.0 | 24.67 | 79.5 | 27.63 | 82.5 | 29.05 | 84.1 | 29.30 | 87.5 | 29.80 | 89.2 | 30.04 |
| | 43 | 63.1 | 21.54 | 68.6 | 24.36 | 74.0 | 27.44 | 77.8 | 29.36 | 80.0 | 30.46 | 81.6 | 30.73 | 84.9 | 31.23 | 86.5 | 31.47 |
| | 46 | 63.1 | 23.87 | 68.6 | 27.07 | 73.7 | 30.31 | 75.4 | 30.74 | 77.4 | 31.87 | 79.0 | 32.15 | 82.2 | 32.68 | 83.7 | 32.93 |

MODEL SELECTION

| Cooling capacity at rated condition: 85.0 kW (30HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 76.5 (90%) | 10 | 56.7 | 12.28 | 61.7 | 13.26 | 66.7 | 14.23 | 71.6 | 15.21 | 76.5 | 15.96 | 83.0 | 17.22 | 96.0 | 19.74 | 102.0 | 20.86 |
| | 15 | 56.7 | 12.62 | 61.7 | 13.63 | 66.7 | 14.63 | 71.6 | 15.64 | 76.5 | 16.43 | 83.0 | 17.73 | 96.0 | 20.33 | 101.4 | 21.32 |
| | 21 | 56.7 | 13.27 | 61.7 | 14.34 | 66.7 | 15.39 | 71.6 | 16.45 | 76.5 | 17.34 | 83.0 | 18.71 | 96.0 | 21.47 | 100.1 | 22.11 |
| | 23 | 56.7 | 13.56 | 61.7 | 14.64 | 66.7 | 15.72 | 71.6 | 16.81 | 76.5 | 17.73 | 83.0 | 19.14 | 96.0 | 21.96 | 99.6 | 22.44 |
| | 25 | 56.7 | 13.86 | 61.7 | 14.98 | 66.7 | 16.09 | 71.6 | 17.20 | 76.5 | 18.17 | 83.0 | 19.62 | 96.0 | 22.51 | 98.8 | 22.87 |
| | 27 | 56.7 | 14.22 | 61.7 | 15.36 | 66.7 | 16.50 | 71.6 | 17.64 | 76.5 | 18.66 | 83.0 | 20.15 | 95.6 | 23.49 | 97.5 | 23.70 |
| | 30 | 56.7 | 14.81 | 61.7 | 16.01 | 66.7 | 17.20 | 71.6 | 18.39 | 76.5 | 19.50 | 83.0 | 21.06 | 93.4 | 24.78 | 95.2 | 24.98 |
| | 33 | 56.7 | 15.50 | 61.7 | 16.76 | 66.7 | 18.00 | 71.6 | 19.26 | 76.5 | 20.47 | 83.0 | 23.03 | 91.1 | 26.17 | 92.8 | 26.39 |
| | 35 | 56.7 | 16.08 | 61.7 | 17.39 | 66.7 | 18.70 | 71.6 | 20.01 | 76.5 | 21.76 | 83.0 | 24.76 | 89.4 | 27.11 | 91.1 | 27.34 |
| | 37 | 56.7 | 16.74 | 61.7 | 18.11 | 66.7 | 19.46 | 71.6 | 21.10 | 76.5 | 23.37 | 83.0 | 26.61 | 87.8 | 28.06 | 89.4 | 28.29 |
| | 40 | 56.7 | 17.84 | 61.7 | 19.30 | 66.7 | 21.05 | 71.6 | 23.43 | 76.5 | 26.01 | 82.0 | 28.98 | 85.3 | 29.48 | 86.9 | 29.72 |
| | 43 | 56.7 | 19.12 | 61.7 | 20.87 | 66.7 | 23.34 | 71.6 | 26.02 | 76.5 | 28.99 | 79.6 | 30.40 | 82.8 | 30.91 | 84.3 | 31.16 |
| | 46 | 56.7 | 20.60 | 61.7 | 23.12 | 66.7 | 25.92 | 71.6 | 28.96 | 75.6 | 31.54 | 77.1 | 31.82 | 80.2 | 32.35 | 81.7 | 32.60 |
| 68.0 (80%) | 10 | 50.4 | 11.04 | 54.8 | 11.91 | 59.3 | 12.77 | 63.6 | 13.64 | 68.0 | 14.30 | 73.7 | 15.42 | 85.3 | 17.66 | 91.0 | 18.78 |
| | 15 | 50.4 | 11.34 | 54.8 | 12.24 | 59.3 | 13.13 | 63.6 | 14.02 | 68.0 | 14.73 | 73.7 | 15.88 | 85.3 | 18.19 | 91.0 | 19.35 |
| | 21 | 50.4 | 11.92 | 54.8 | 12.86 | 59.3 | 13.80 | 63.6 | 14.75 | 68.0 | 15.53 | 73.7 | 16.76 | 85.3 | 19.21 | 91.0 | 20.43 |
| | 23 | 50.4 | 12.17 | 54.8 | 13.13 | 59.3 | 14.09 | 63.6 | 15.06 | 68.0 | 15.88 | 73.7 | 17.13 | 85.3 | 19.64 | 91.0 | 20.90 |
| | 25 | 50.4 | 12.44 | 54.8 | 13.43 | 59.3 | 14.43 | 63.6 | 15.41 | 68.0 | 16.27 | 73.7 | 17.56 | 85.3 | 20.13 | 91.0 | 21.42 |
| | 27 | 50.4 | 12.76 | 54.8 | 13.77 | 59.3 | 14.79 | 63.6 | 15.80 | 68.0 | 16.71 | 73.7 | 18.03 | 85.3 | 20.68 | 91.0 | 22.00 |
| | 30 | 50.4 | 13.29 | 54.8 | 14.34 | 59.3 | 15.41 | 63.6 | 16.47 | 68.0 | 17.45 | 73.7 | 18.84 | 85.3 | 21.70 | 91.0 | 24.06 |
| | 33 | 50.4 | 13.90 | 54.8 | 15.01 | 59.3 | 16.13 | 63.6 | 17.24 | 68.0 | 18.32 | 73.7 | 19.78 | 85.3 | 24.07 | 89.8 | 26.01 |
| | 35 | 50.4 | 14.42 | 54.8 | 15.58 | 59.3 | 16.74 | 63.6 | 17.90 | 68.0 | 19.03 | 73.7 | 20.57 | 85.3 | 25.89 | 88.2 | 26.95 |
| | 37 | 50.4 | 15.00 | 54.8 | 16.21 | 59.3 | 17.42 | 63.6 | 18.64 | 68.0 | 19.83 | 73.7 | 22.09 | 84.9 | 27.60 | 86.7 | 27.90 |
| | 40 | 50.4 | 15.99 | 54.8 | 17.29 | 59.3 | 18.57 | 63.6 | 19.87 | 68.0 | 21.71 | 73.7 | 24.56 | 82.7 | 29.08 | 84.3 | 29.32 |
| | 43 | 50.4 | 17.12 | 54.8 | 18.52 | 59.3 | 19.91 | 63.6 | 21.81 | 68.0 | 24.11 | 73.7 | 27.35 | 80.3 | 30.51 | 81.8 | 30.76 |
| | 46 | 50.4 | 18.43 | 54.8 | 19.94 | 59.3 | 21.80 | 63.6 | 24.19 | 68.0 | 26.81 | 73.7 | 30.49 | 77.9 | 31.95 | 79.4 | 32.21 |
| 59.5 (70%) | 10 | 44.2 | 9.79 | 48.0 | 10.55 | 51.8 | 11.32 | 55.7 | 12.07 | 59.5 | 12.65 | 64.6 | 13.63 | 74.6 | 15.59 | 79.7 | 16.58 |
| | 15 | 44.2 | 10.06 | 48.0 | 10.84 | 51.8 | 11.62 | 55.7 | 12.40 | 59.5 | 13.02 | 64.6 | 14.03 | 74.6 | 16.05 | 79.7 | 17.06 |
| | 21 | 44.2 | 10.57 | 48.0 | 11.39 | 51.8 | 12.21 | 55.7 | 13.04 | 59.5 | 13.72 | 64.6 | 14.80 | 74.6 | 16.94 | 79.7 | 18.02 |
| | 23 | 44.2 | 10.78 | 48.0 | 11.62 | 51.8 | 12.47 | 55.7 | 13.31 | 59.5 | 14.03 | 64.6 | 15.12 | 74.6 | 17.32 | 79.7 | 18.42 |
| | 25 | 44.2 | 11.03 | 48.0 | 11.89 | 51.8 | 12.76 | 55.7 | 13.61 | 59.5 | 14.37 | 64.6 | 15.50 | 74.6 | 17.75 | 79.7 | 18.87 |
| | 27 | 44.2 | 11.30 | 48.0 | 12.19 | 51.8 | 13.08 | 55.7 | 13.96 | 59.5 | 14.75 | 64.6 | 15.92 | 74.6 | 18.23 | 79.7 | 19.39 |
| | 30 | 44.2 | 11.76 | 48.0 | 12.69 | 51.8 | 13.61 | 55.7 | 14.55 | 59.5 | 15.41 | 64.6 | 16.62 | 74.6 | 19.05 | 79.7 | 20.26 |
| | 33 | 44.2 | 12.29 | 48.0 | 13.27 | 51.8 | 14.25 | 55.7 | 15.22 | 59.5 | 16.17 | 64.6 | 17.45 | 74.6 | 19.99 | 79.7 | 21.57 |
| | 35 | 44.2 | 12.76 | 48.0 | 13.77 | 51.8 | 14.78 | 55.7 | 15.80 | 59.5 | 16.79 | 64.6 | 18.12 | 74.6 | 20.94 | 79.7 | 23.18 |
| | 37 | 44.2 | 13.26 | 48.0 | 14.32 | 51.8 | 15.38 | 55.7 | 16.44 | 59.5 | 17.49 | 64.6 | 18.87 | 74.6 | 22.48 | 79.7 | 24.91 |
| | 40 | 44.2 | 14.12 | 48.0 | 15.26 | 51.8 | 16.39 | 55.7 | 17.52 | 59.5 | 18.66 | 64.6 | 20.15 | 74.6 | 25.01 | 79.7 | 27.77 |
| | 43 | 44.2 | 15.12 | 48.0 | 16.33 | 51.8 | 17.56 | 55.7 | 18.78 | 59.5 | 20.01 | 64.6 | 22.31 | 74.6 | 27.85 | 78.8 | 30.27 |
| | 46 | 44.2 | 16.26 | 48.0 | 17.58 | 51.8 | 18.90 | 55.7 | 20.22 | 59.5 | 22.00 | 64.6 | 24.77 | 74.6 | 31.08 | 76.5 | 31.72 |
| 51.0 (60%) | 10 | 37.8 | 8.55 | 41.2 | 9.20 | 44.4 | 9.85 | 47.8 | 10.50 | 51.0 | 11.00 | 55.3 | 11.83 | 64.0 | 13.52 | 68.3 | 14.36 |
| | 15 | 37.8 | 8.78 | 41.2 | 9.45 | 44.4 | 10.11 | 47.8 | 10.78 | 51.0 | 11.32 | 55.3 | 12.17 | 64.0 | 13.91 | 68.3 | 14.78 |
| | 21 | 37.8 | 9.21 | 41.2 | 9.91 | 44.4 | 10.62 | 47.8 | 11.33 | 51.0 | 11.92 | 55.3 | 12.83 | 64.0 | 14.67 | 68.3 | 15.59 |
| | 23 | 37.8 | 9.40 | 41.2 | 10.11 | 44.4 | 10.84 | 47.8 | 11.57 | 51.0 | 12.17 | 55.3 | 13.12 | 64.0 | 15.00 | 68.3 | 15.94 |
| | 25 | 37.8 | 9.61 | 41.2 | 10.34 | 44.4 | 11.09 | 47.8 | 11.83 | 51.0 | 12.47 | 55.3 | 13.44 | 64.0 | 15.37 | 68.3 | 16.33 |
| | 27 | 37.8 | 9.84 | 41.2 | 10.59 | 44.4 | 11.36 | 47.8 | 12.12 | 51.0 | 12.80 | 55.3 | 13.79 | 64.0 | 15.78 | 68.3 | 16.77 |
| | 30 | 37.8 | 10.23 | 41.2 | 11.03 | 44.4 | 11.83 | 47.8 | 12.62 | 51.0 | 13.36 | 55.3 | 14.41 | 64.0 | 16.49 | 68.3 | 17.52 |
| | 33 | 37.8 | 10.69 | 41.2 | 11.53 | 44.4 | 12.37 | 47.8 | 13.20 | 51.0 | 14.00 | 55.3 | 15.10 | 64.0 | 17.29 | 68.3 | 18.39 |
| | 35 | 37.8 | 11.09 | 41.2 | 11.96 | 44.4 | 12.83 | 47.8 | 13.70 | 51.0 | 14.55 | 55.3 | 15.69 | 64.0 | 17.97 | 68.3 | 19.11 |
| | 37 | 37.8 | 11.53 | 41.2 | 12.43 | 44.4 | 13.34 | 47.8 | 14.25 | 51.0 | 15.14 | 55.3 | 16.33 | 64.0 | 18.71 | 68.3 | 19.91 |
| | 40 | 37.8 | 12.26 | 41.2 | 13.23 | 44.4 | 14.20 | 47.8 | 15.17 | 51.0 | 16.15 | 55.3 | 17.43 | 64.0 | 19.99 | 68.3 | 21.85 |
| | 43 | 37.8 | 13.11 | 41.2 | 14.16 | 44.4 | 15.21 | 47.8 | 16.24 | 51.0 | 17.31 | 55.3 | 18.69 | 64.0 | 22.02 | 68.3 | 24.27 |
| | 46 | 37.8 | 14.09 | 41.2 | 15.23 | 44.4 | 16.35 | 47.8 | 17.49 | 51.0 | 18.66 | 55.3 | 20.14 | 64.0 | 24.44 | 68.3 | 26.99 |
| 42.5 (50%) | 10 | 31.5 | 7.30 | 34.2 | 7.85 | 37.0 | 8.39 | 39.7 | 8.93 | 42.5 | 9.34 | 46.1 | 10.04 | 53.3 | 11.44 | 56.9 | 12.15 |
| | 15 | 31.5 | 7.50 | 34.2 | 8.05 | 37.0 | 8.61 | 39.7 | 9.17 | 42.5 | 9.61 | 46.1 | 10.33 | 53.3 | 11.78 | 56.9 | 12.49 |
| | 21 | 31.5 | 7.85 | 34.2 | 8.44 | 37.0 | 9.03 | 39.7 | 9.63 | 42.5 | 10.11 | 46.1 | 10.87 | 53.3 | 12.40 | 56.9 | 13.17 |
| | 23 | 31.5 | 8.01 | 34.2 | 8.61 | 37.0 | 9.22 | 39.7 | 9.82 | 42.5 | 10.33 | 46.1 | 11.11 | 53.3 | 12.68 | 56.9 | 13.47 |
| | 25 | 31.5 | 8.19 | 34.2 | 8.80 | 37.0 | 9.42 | 39.7 | 10.04 | 42.5 | 10.57 | 46.1 | 11.37 | 53.3 | 12.99 | 56.9 | 13.79 |
| | 27 | 31.5 | 8.38 | 34.2 | 9.01 | 37.0 | 9.65 | 39.7 | 10.28 | 42.5 | 10.85 | 46.1 | 11.67 | 53.3 | 13.33 | 56.9 | 14.16 |
| | 30 | 31.5 | 8.71 | 34.2 | 9.38 | 37.0 | 10.04 | 39.7 | 10.70 | 42.5 | 11.32 | 46.1 | 12.19 | 53.3 | 13.91 | 56.9 | 14.78 |
| | 33 | 31.5 | 9.09 | 34.2 | 9.79 | 37.0 | 10.48 | 39.7 | 11.18 | 42.5 | 11.85 | 46.1 | 12.77 | 53.3 | 14.59 | 56.9 | 15.51 |
| | 35 | 31.5 | 9.42 | 34.2 | 10.14 | 37.0 | 10.87 | 39.7 | 11.59 | 42.5 | 12.30 | 46.1 | 13.25 | 53.3 | 15.16 | 56.9 | 16.10 |
| | 37 | 31.5 | 9.79 | 34.2 | 10.54 | 37.0 | 11.30 | 39.7 | 12.05 | 42.5 | 12.80 | 46.1 | 13.79 | 53.3 | 15.78 | 56.9 | 16.77 |
| | 40 | 31.5 | 10.39 | 34.2 | 11.21 | 37.0 | 12.01 | 39.7 | 12.83 | 42.5 | 13.64 | 46.1 | 14.71 | 53.3 | 16.83 | 56.9 | 17.90 |
| | 43 | 31.5 | 11.10 | 34.2 | 11.98 | 37.0 | 12.85 | 39.7 | 13.72 | 42.5 | 14.61 | 46.1 | 15.76 | 53.3 | 18.04 | 56.9 | 19.19 |
| | 46 | 31.5 | 11.92 | 34.2 | 12.86 | 37.0 | 13.81 | 39.7 | 14.75 | 42.5 | 15.72 | 46.1 | 16.97 | 53.3 | 19.44 | 56.9 | 20.69 |

# ■ Model: AJ∗288GALDH

| Cooling capacity at rated condition: 90.0 kW (32HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 135.0 (150%) | 10 | 94.4 | 20.48 | 97.0 | 20.50 | 99.4 | 20.52 | 102.0 | 20.54 | 105.7 | 21.12 | 108.4 | 21.10 | 113.6 | 21.04 | 116.4 | 21.00 |
| | 15 | 93.8 | 20.86 | 96.2 | 20.90 | 98.6 | 20.92 | 101.2 | 20.94 | 104.8 | 21.56 | 107.4 | 21.54 | 112.6 | 21.48 | 115.4 | 21.46 |
| | 21 | 92.6 | 21.60 | 95.0 | 21.64 | 97.4 | 21.68 | 99.8 | 21.72 | 103.1 | 22.38 | 105.6 | 22.38 | 110.8 | 22.34 | 113.4 | 22.30 |
| | 23 | 92.0 | 21.92 | 94.4 | 21.96 | 96.8 | 22.00 | 99.2 | 22.04 | 102.4 | 22.72 | 105.0 | 22.72 | 110.0 | 22.68 | 112.6 | 22.66 |
| | 25 | 91.4 | 22.26 | 93.8 | 22.30 | 96.2 | 22.34 | 98.4 | 22.38 | 101.7 | 23.10 | 104.2 | 23.10 | 108.8 | 23.26 | 111.0 | 23.42 |
| | 27 | 90.8 | 22.64 | 93.0 | 22.68 | 95.4 | 22.74 | 97.8 | 22.78 | 100.6 | 23.62 | 102.8 | 23.78 | 107.0 | 24.12 | 109.0 | 24.28 |
| | 30 | 89.6 | 23.26 | 91.8 | 23.40 | 93.8 | 23.62 | 95.8 | 23.82 | 98.0 | 24.90 | 100.0 | 25.08 | 104.0 | 25.46 | 106.0 | 25.64 |
| | 33 | 87.4 | 24.42 | 89.4 | 24.66 | 91.4 | 24.88 | 93.2 | 25.12 | 95.2 | 26.30 | 97.2 | 26.50 | 101.0 | 26.90 | 103.0 | 27.08 |
| | 35 | 85.8 | 25.30 | 87.8 | 25.54 | 89.6 | 25.78 | 91.6 | 26.02 | 93.3 | 27.24 | 95.2 | 27.46 | 99.0 | 27.86 | 101.0 | 28.06 |
| | 37 | 84.2 | 26.18 | 86.0 | 26.44 | 88.0 | 26.68 | 89.8 | 26.92 | 91.4 | 28.20 | 93.4 | 28.42 | 97.0 | 28.84 | 99.0 | 29.04 |
| | 40 | 81.6 | 27.52 | 83.4 | 27.78 | 85.4 | 28.02 | 87.2 | 28.28 | 88.6 | 29.64 | 90.4 | 29.86 | 94.0 | 30.30 | 95.8 | 30.50 |
| | 43 | 79.2 | 28.86 | 80.8 | 29.12 | 82.6 | 29.40 | 84.4 | 29.66 | 85.7 | 31.08 | 87.4 | 31.32 | 91.0 | 31.76 | 92.8 | 31.98 |
| | 46 | 76.6 | 30.20 | 78.2 | 30.48 | 80.0 | 30.76 | 81.6 | 31.04 | 82.7 | 32.52 | 84.4 | 32.78 | 88.0 | 33.24 | 89.6 | 33.46 |
| 126.0 (140%) | 10 | 93.4 | 20.70 | 96.4 | 20.84 | 98.8 | 20.88 | 101.2 | 20.90 | 105.0 | 21.40 | 107.6 | 21.38 | 112.8 | 21.32 | 115.6 | 21.30 |
| | 15 | 93.2 | 21.22 | 95.6 | 21.24 | 98.0 | 21.28 | 100.4 | 21.30 | 104.1 | 21.84 | 106.8 | 21.82 | 112.0 | 21.78 | 114.6 | 21.74 |
| | 21 | 92.0 | 21.96 | 94.4 | 22.00 | 96.8 | 22.04 | 99.2 | 22.08 | 102.5 | 22.66 | 105.0 | 22.66 | 110.2 | 22.62 | 112.8 | 22.60 |
| | 23 | 91.4 | 22.26 | 93.8 | 22.32 | 96.2 | 22.36 | 98.6 | 22.40 | 101.9 | 23.00 | 104.4 | 23.00 | 109.4 | 22.98 | 112.0 | 22.96 |
| | 25 | 90.8 | 22.62 | 93.2 | 22.66 | 95.6 | 22.72 | 98.0 | 22.76 | 101.1 | 23.40 | 103.6 | 23.40 | 108.2 | 23.54 | 110.4 | 23.70 |
| | 27 | 90.2 | 23.00 | 92.6 | 23.06 | 94.8 | 23.10 | 97.2 | 23.16 | 100.1 | 23.88 | 102.2 | 24.06 | 106.4 | 24.40 | 108.4 | 24.56 |
| | 30 | 89.2 | 23.62 | 91.2 | 23.78 | 93.4 | 23.98 | 95.4 | 24.20 | 97.6 | 25.18 | 99.6 | 25.36 | 103.6 | 25.74 | 105.6 | 25.94 |
| | 33 | 87.2 | 24.80 | 89.0 | 25.04 | 91.0 | 25.28 | 92.8 | 25.52 | 94.8 | 26.58 | 96.8 | 26.80 | 100.6 | 27.22 | 102.6 | 27.40 |
| | 35 | 85.6 | 25.68 | 87.4 | 25.94 | 89.2 | 26.18 | 91.2 | 26.44 | 93.0 | 27.56 | 94.8 | 27.78 | 98.8 | 28.20 | 100.6 | 28.40 |
| | 37 | 83.8 | 26.58 | 85.8 | 26.84 | 87.6 | 27.10 | 89.4 | 27.34 | 91.1 | 28.52 | 93.0 | 28.74 | 96.8 | 29.18 | 98.6 | 29.38 |
| | 40 | 81.4 | 27.94 | 83.2 | 28.20 | 85.0 | 28.48 | 86.8 | 28.74 | 88.3 | 29.96 | 90.2 | 30.20 | 93.8 | 30.66 | 95.6 | 30.86 |
| | 43 | 78.8 | 29.30 | 80.6 | 29.58 | 82.4 | 29.86 | 84.2 | 30.12 | 85.4 | 31.42 | 87.2 | 31.68 | 90.8 | 32.14 | 92.4 | 32.36 |
| | 46 | 76.4 | 30.68 | 78.0 | 30.96 | 79.8 | 31.26 | 81.4 | 31.54 | 82.5 | 32.90 | 84.2 | 33.14 | 87.6 | 33.62 | 89.4 | 33.86 |
| 117.0 (130%) | 10 | 86.8 | 19.30 | 94.4 | 20.88 | 98.0 | 21.28 | 100.4 | 21.30 | 104.3 | 21.72 | 106.8 | 21.72 | 112.0 | 21.68 | 114.6 | 21.64 |
| | 15 | 86.8 | 19.84 | 94.4 | 21.48 | 97.4 | 21.68 | 99.8 | 21.72 | 103.5 | 22.18 | 106.0 | 22.16 | 111.2 | 22.14 | 113.8 | 22.10 |
| | 21 | 86.8 | 20.90 | 93.6 | 22.40 | 96.0 | 22.46 | 98.4 | 22.50 | 101.9 | 23.00 | 104.4 | 23.00 | 109.4 | 22.98 | 112.0 | 22.98 |
| | 23 | 86.8 | 21.36 | 93.2 | 22.72 | 95.6 | 22.78 | 97.8 | 22.82 | 101.3 | 23.36 | 103.8 | 23.36 | 108.8 | 23.34 | 111.2 | 23.34 |
| | 25 | 86.8 | 21.86 | 92.6 | 23.08 | 95.0 | 23.14 | 97.2 | 23.18 | 100.5 | 23.74 | 103.0 | 23.74 | 107.6 | 23.88 | 109.8 | 24.06 |
| | 27 | 86.8 | 22.44 | 92.0 | 23.48 | 94.2 | 23.54 | 96.6 | 23.58 | 99.6 | 24.22 | 101.8 | 24.40 | 105.8 | 24.76 | 108.0 | 24.94 |
| | 30 | 86.8 | 23.40 | 90.8 | 24.20 | 92.8 | 24.42 | 94.8 | 24.64 | 97.1 | 25.52 | 99.2 | 25.72 | 103.0 | 26.12 | 105.0 | 26.32 |
| | 33 | 86.6 | 25.22 | 88.6 | 25.48 | 90.4 | 25.72 | 92.4 | 25.98 | 94.4 | 26.96 | 96.4 | 27.18 | 100.2 | 27.62 | 102.2 | 27.82 |
| | 35 | 85.0 | 26.14 | 87.0 | 26.40 | 88.8 | 26.66 | 90.8 | 26.90 | 92.6 | 27.94 | 94.6 | 28.16 | 98.4 | 28.60 | 100.2 | 28.82 |
| | 37 | 83.6 | 27.04 | 85.4 | 27.32 | 87.2 | 27.58 | 89.0 | 27.84 | 90.8 | 28.92 | 92.6 | 29.14 | 96.4 | 29.60 | 98.2 | 29.82 |
| | 40 | 81.0 | 28.42 | 82.8 | 28.70 | 84.6 | 28.98 | 86.4 | 29.26 | 88.0 | 30.38 | 89.8 | 30.64 | 93.4 | 31.10 | 95.2 | 31.32 |
| | 43 | 78.6 | 29.82 | 80.4 | 30.12 | 82.0 | 30.40 | 83.8 | 30.68 | 85.2 | 31.86 | 87.0 | 32.12 | 90.4 | 32.60 | 92.2 | 32.84 |
| | 46 | 76.0 | 31.22 | 77.8 | 31.52 | 79.4 | 31.82 | 81.2 | 32.12 | 82.3 | 33.36 | 84.0 | 33.62 | 87.4 | 34.12 | 89.2 | 34.36 |
| 108.0 (120%) | 10 | 80.2 | 17.90 | 87.2 | 19.36 | 94.0 | 20.82 | 99.6 | 21.84 | 103.6 | 22.14 | 106.2 | 22.14 | 111.2 | 22.12 | 113.8 | 22.10 |
| | 15 | 80.2 | 18.40 | 87.0 | 19.90 | 94.0 | 21.42 | 99.0 | 22.26 | 102.8 | 22.58 | 105.2 | 22.58 | 110.4 | 22.58 | 113.0 | 22.56 |
| | 21 | 80.2 | 19.38 | 87.0 | 20.96 | 94.0 | 22.56 | 97.8 | 23.04 | 101.3 | 23.42 | 103.8 | 23.44 | 108.8 | 23.44 | 111.2 | 23.42 |
| | 23 | 80.2 | 19.80 | 87.0 | 21.42 | 94.0 | 23.04 | 97.2 | 23.38 | 100.7 | 23.78 | 103.2 | 23.80 | 108.0 | 23.80 | 110.6 | 23.80 |
| | 25 | 80.2 | 20.26 | 87.0 | 21.94 | 94.0 | 23.60 | 96.6 | 23.74 | 100.0 | 24.16 | 102.4 | 24.18 | 107.0 | 24.32 | 109.2 | 24.50 |
| | 27 | 80.2 | 20.78 | 87.0 | 22.50 | 93.6 | 24.08 | 96.0 | 24.14 | 99.1 | 24.66 | 101.2 | 24.84 | 105.2 | 25.22 | 107.4 | 25.40 |
| | 30 | 80.2 | 21.68 | 87.0 | 23.48 | 92.2 | 24.98 | 94.2 | 25.20 | 96.7 | 25.98 | 98.6 | 26.18 | 102.6 | 26.60 | 104.6 | 26.82 |
| | 33 | 80.2 | 22.72 | 87.0 | 25.44 | 90.0 | 26.32 | 92.0 | 26.58 | 94.1 | 27.44 | 96.0 | 27.66 | 99.8 | 28.12 | 101.8 | 28.34 |
| | 35 | 80.2 | 23.96 | 86.6 | 27.00 | 88.4 | 27.26 | 90.2 | 27.54 | 92.3 | 28.42 | 94.2 | 28.66 | 98.0 | 29.12 | 99.8 | 29.34 |
| | 37 | 80.2 | 25.72 | 85.0 | 27.94 | 86.8 | 28.22 | 88.6 | 28.50 | 90.5 | 29.42 | 92.4 | 29.66 | 96.0 | 30.14 | 97.8 | 30.36 |
| | 40 | 80.2 | 28.62 | 82.6 | 29.36 | 84.4 | 29.66 | 86.2 | 29.94 | 87.7 | 30.92 | 89.6 | 31.18 | 93.2 | 31.66 | 95.0 | 31.90 |
| | 43 | 78.4 | 30.50 | 80.0 | 30.80 | 81.8 | 31.10 | 83.6 | 31.40 | 84.9 | 32.44 | 86.6 | 32.70 | 90.2 | 33.20 | 92.0 | 33.44 |
| | 46 | 76.0 | 31.94 | 77.6 | 32.26 | 79.2 | 32.56 | 81.0 | 32.88 | 82.1 | 33.94 | 83.8 | 34.22 | 87.2 | 34.74 | 89.0 | 35.00 |
| 99.0 (110%) | 10 | 73.4 | 16.50 | 79.8 | 17.84 | 86.2 | 19.18 | 92.6 | 20.52 | 99.0 | 21.54 | 105.0 | 22.60 | 110.0 | 22.58 | 112.6 | 22.58 |
| | 15 | 73.4 | 16.96 | 79.8 | 18.34 | 86.2 | 19.72 | 92.6 | 21.10 | 99.0 | 22.18 | 104.2 | 23.04 | 109.2 | 23.06 | 111.8 | 23.04 |
| | 21 | 73.4 | 17.84 | 79.8 | 19.30 | 86.2 | 20.76 | 92.6 | 22.22 | 99.0 | 23.44 | 102.8 | 23.90 | 107.8 | 23.92 | 110.2 | 23.92 |
| | 23 | 73.4 | 18.24 | 79.8 | 19.72 | 86.2 | 21.22 | 92.6 | 22.70 | 99.0 | 23.98 | 102.2 | 24.26 | 107.0 | 24.28 | 109.4 | 24.30 |
| | 25 | 73.4 | 18.66 | 79.8 | 20.20 | 86.2 | 21.72 | 92.6 | 23.26 | 99.0 | 24.58 | 101.6 | 24.66 | 106.2 | 24.78 | 108.2 | 24.98 |
| | 27 | 73.4 | 19.14 | 79.8 | 20.72 | 86.2 | 22.28 | 92.6 | 23.86 | 98.4 | 25.10 | 100.4 | 25.30 | 104.4 | 25.70 | 106.6 | 25.90 |
| | 30 | 73.4 | 19.96 | 79.8 | 21.60 | 86.2 | 23.26 | 92.6 | 25.34 | 96.0 | 26.44 | 98.0 | 26.66 | 102.0 | 27.10 | 103.8 | 27.32 |
| | 33 | 73.4 | 20.92 | 79.8 | 22.64 | 86.2 | 25.04 | 91.6 | 27.44 | 93.5 | 27.94 | 95.4 | 28.18 | 99.2 | 28.64 | 101.0 | 28.88 |
| | 35 | 73.4 | 21.72 | 79.8 | 23.82 | 86.2 | 26.90 | 90.0 | 28.42 | 91.7 | 28.94 | 93.6 | 29.20 | 97.4 | 29.68 | 99.2 | 29.90 |
| | 37 | 73.4 | 22.62 | 79.8 | 25.58 | 86.2 | 28.90 | 88.4 | 29.42 | 90.0 | 29.96 | 91.8 | 30.22 | 95.4 | 30.70 | 97.2 | 30.94 |
| | 40 | 73.4 | 25.02 | 79.8 | 28.44 | 84.2 | 30.62 | 86.0 | 30.92 | 87.3 | 31.48 | 89.0 | 31.76 | 92.6 | 32.26 | 94.4 | 32.52 |
| | 43 | 73.4 | 27.80 | 79.8 | 31.70 | 81.6 | 32.12 | 83.4 | 32.42 | 84.6 | 33.02 | 86.2 | 33.30 | 89.8 | 33.84 | 91.4 | 34.08 |
| | 46 | 73.4 | 30.94 | 77.4 | 33.30 | 79.2 | 33.62 | 80.8 | 33.96 | 81.8 | 34.58 | 83.4 | 34.86 | 86.8 | 35.40 | 88.6 | 35.66 |
| 90.0 (100%) | 10 | 66.8 | 15.10 | 72.6 | 16.32 | 78.4 | 17.52 | 84.2 | 18.74 | 90.0 | 19.68 | 97.6 | 21.26 | 109.0 | 23.22 | 111.4 | 23.22 |
| | 15 | 66.8 | 15.52 | 72.6 | 16.76 | 78.4 | 18.02 | 84.2 | 19.28 | 90.0 | 20.26 | 97.6 | 21.90 | 108.2 | 23.70 | 110.6 | 23.70 |
| | 21 | 66.8 | 16.32 | 72.6 | 17.64 | 78.4 | 18.98 | 84.2 | 20.30 | 90.0 | 21.40 | 97.6 | 23.12 | 106.8 | 24.58 | 109.2 | 24.58 |
| | 23 | 66.8 | 16.68 | 72.6 | 18.04 | 78.4 | 19.38 | 84.2 | 20.74 | 90.0 | 21.90 | 97.6 | 23.66 | 106.2 | 24.94 | 108.6 | 24.96 |
| | 25 | 66.8 | 17.06 | 72.6 | 18.46 | 78.4 | 19.84 | 84.2 | 21.24 | 90.0 | 22.44 | 97.6 | 24.26 | 105.4 | 25.44 | 107.4 | 25.64 |
| | 27 | 66.8 | 17.50 | 72.6 | 18.94 | 78.4 | 20.36 | 84.2 | 21.78 | 90.0 | 23.06 | 97.6 | 24.92 | 103.8 | 26.38 | 105.8 | 26.58 |
| | 30 | 66.8 | 18.24 | 72.6 | 19.74 | 78.4 | 21.24 | 84.2 | 22.72 | 90.0 | 24.14 | 97.4 | 27.34 | 101.2 | 27.82 | 103.2 | 28.04 |
| | 33 | 66.8 | 19.10 | 72.6 | 20.68 | 78.4 | 22.24 | 84.2 | 24.10 | 90.0 | 26.78 | 94.8 | 28.88 | 98.6 | 29.38 | 100.4 | 29.64 |
| | 35 | 66.8 | 19.84 | 72.6 | 21.48 | 78.4 | 23.16 | 84.2 | 25.90 | 90.0 | 28.84 | 93.0 | 29.94 | 96.8 | 30.44 | 98.6 | 30.70 |
| | 37 | 66.8 | 20.66 | 72.6 | 22.36 | 78.4 | 24.86 | 84.2 | 27.82 | 89.5 | 30.70 | 91.4 | 30.98 | 95.0 | 31.50 | 96.8 | 31.76 |
| | 40 | 66.8 | 22.04 | 72.6 | 24.58 | 78.4 | 27.64 | 84.2 | 30.98 | 86.9 | 32.28 | 88.6 | 32.56 | 92.2 | 33.10 | 94.0 | 33.38 |
| | 43 | 66.8 | 24.12 | 72.6 | 27.30 | 78.4 | 30.78 | 82.0 | 32.60 | 84.2 | 33.86 | 86.0 | 34.16 | 89.4 | 34.72 | 91.2 | 34.98 |
| | 46 | 66.8 | 26.76 | 72.6 | 30.38 | 77.8 | 33.82 | 79.4 | 34.16 | 81.5 | 35.44 | 83.2 | 35.76 | 86.6 | 36.34 | 88.2 | 36.62 |

MODEL SELECTION

| Cooling capacity at rated condition: 90.0 kW (32HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 81.0 (90%) | 10 | 60.0 | 13.68 | 65.4 | 14.78 | 70.6 | 15.88 | 75.8 | 16.98 | 81.0 | 17.82 | 87.8 | 19.24 | 101.6 | 22.08 | 107.6 | 23.22 |
| | 15 | 60.0 | 14.06 | 65.4 | 15.20 | 70.6 | 16.32 | 75.8 | 17.46 | 81.0 | 18.36 | 87.8 | 19.82 | 101.6 | 22.74 | 106.8 | 23.68 |
| | 21 | 60.0 | 14.80 | 65.4 | 16.00 | 70.6 | 17.18 | 75.8 | 18.38 | 81.0 | 19.38 | 87.8 | 20.92 | 101.6 | 24.02 | 105.4 | 24.56 |
| | 23 | 60.0 | 15.12 | 65.4 | 16.34 | 70.6 | 17.56 | 75.8 | 18.78 | 81.0 | 19.82 | 87.8 | 21.40 | 101.6 | 24.58 | 104.8 | 24.94 |
| | 25 | 60.0 | 15.46 | 65.4 | 16.72 | 70.6 | 17.98 | 75.8 | 19.22 | 81.0 | 20.32 | 87.8 | 21.94 | 101.6 | 25.20 | 104.2 | 25.34 |
| | 27 | 60.0 | 15.86 | 65.4 | 17.14 | 70.6 | 18.44 | 75.8 | 19.72 | 81.0 | 20.86 | 87.8 | 22.54 | 100.8 | 26.06 | 102.8 | 26.26 |
| | 30 | 60.0 | 16.52 | 65.4 | 17.88 | 70.6 | 19.22 | 75.8 | 20.56 | 81.0 | 21.80 | 87.8 | 23.56 | 98.4 | 27.48 | 100.4 | 27.70 |
| | 33 | 60.0 | 17.30 | 65.4 | 18.72 | 70.6 | 20.12 | 75.8 | 21.54 | 81.0 | 22.90 | 87.8 | 25.76 | 96.0 | 29.04 | 97.8 | 29.28 |
| | 35 | 60.0 | 17.96 | 65.4 | 19.44 | 70.6 | 20.90 | 75.8 | 22.38 | 81.0 | 24.34 | 87.8 | 27.72 | 94.2 | 30.10 | 96.0 | 30.34 |
| | 37 | 60.0 | 18.70 | 65.4 | 20.24 | 70.6 | 21.76 | 75.8 | 23.60 | 81.0 | 26.16 | 87.8 | 29.82 | 92.6 | 31.16 | 94.2 | 31.42 |
| | 40 | 60.0 | 19.94 | 65.4 | 21.58 | 70.6 | 23.56 | 75.8 | 26.24 | 81.0 | 29.16 | 86.4 | 32.20 | 89.8 | 32.76 | 91.6 | 33.02 |
| | 43 | 60.0 | 21.38 | 65.4 | 23.36 | 70.6 | 26.14 | 75.8 | 29.18 | 81.0 | 32.54 | 83.8 | 33.80 | 87.2 | 34.36 | 88.8 | 34.64 |
| | 46 | 60.0 | 23.04 | 65.4 | 25.90 | 70.6 | 29.08 | 75.8 | 32.52 | 79.6 | 35.08 | 81.2 | 35.40 | 84.4 | 35.98 | 86.0 | 36.26 |
| 72.0 (80%) | 10 | 53.4 | 12.28 | 58.0 | 13.26 | 62.8 | 14.24 | 67.4 | 15.22 | 72.0 | 15.96 | 78.0 | 17.22 | 90.4 | 19.74 | 96.4 | 21.00 |
| | 15 | 53.4 | 12.62 | 58.0 | 13.64 | 62.8 | 14.64 | 67.4 | 15.64 | 72.0 | 16.44 | 78.0 | 17.74 | 90.4 | 20.34 | 96.4 | 21.64 |
| | 21 | 53.4 | 13.28 | 58.0 | 14.34 | 62.8 | 15.40 | 67.4 | 16.46 | 72.0 | 17.34 | 78.0 | 18.72 | 90.4 | 21.48 | 96.4 | 22.86 |
| | 23 | 53.4 | 13.56 | 58.0 | 14.64 | 62.8 | 15.72 | 67.4 | 16.82 | 72.0 | 17.74 | 78.0 | 19.14 | 90.4 | 21.96 | 96.4 | 23.38 |
| | 25 | 53.4 | 13.86 | 58.0 | 14.98 | 62.8 | 16.10 | 67.4 | 17.20 | 72.0 | 18.18 | 78.0 | 19.62 | 90.4 | 22.52 | 96.4 | 23.96 |
| | 27 | 53.4 | 14.22 | 58.0 | 15.36 | 62.8 | 16.50 | 67.4 | 17.64 | 72.0 | 18.66 | 78.0 | 20.16 | 90.4 | 23.14 | 96.4 | 24.62 |
| | 30 | 53.4 | 14.82 | 58.0 | 16.00 | 62.8 | 17.20 | 67.4 | 18.40 | 72.0 | 19.50 | 78.0 | 21.06 | 90.4 | 24.26 | 96.4 | 26.92 |
| | 33 | 53.4 | 15.50 | 58.0 | 16.76 | 62.8 | 18.02 | 67.4 | 19.26 | 72.0 | 20.48 | 78.0 | 22.12 | 90.4 | 26.94 | 94.6 | 28.86 |
| | 35 | 53.4 | 16.10 | 58.0 | 17.40 | 62.8 | 18.70 | 67.4 | 20.00 | 72.0 | 21.28 | 78.0 | 23.00 | 90.4 | 29.00 | 93.0 | 29.92 |
| | 37 | 53.4 | 16.74 | 58.0 | 18.10 | 62.8 | 19.46 | 67.4 | 20.84 | 72.0 | 22.18 | 78.0 | 24.72 | 89.6 | 30.72 | 91.4 | 30.98 |
| | 40 | 53.4 | 17.86 | 58.0 | 19.32 | 62.8 | 20.76 | 67.4 | 22.22 | 72.0 | 24.30 | 78.0 | 27.52 | 87.2 | 32.32 | 88.8 | 32.58 |
| | 43 | 53.4 | 19.12 | 58.0 | 20.70 | 62.8 | 22.26 | 67.4 | 24.42 | 72.0 | 27.02 | 78.0 | 30.68 | 84.6 | 33.92 | 86.2 | 34.20 |
| | 46 | 53.4 | 20.60 | 58.0 | 22.30 | 62.8 | 24.42 | 67.4 | 27.12 | 72.0 | 30.08 | 78.0 | 34.26 | 82.0 | 35.54 | 83.6 | 35.82 |
| 63.0 (70%) | 10 | 46.8 | 10.88 | 50.8 | 11.74 | 54.8 | 12.60 | 59.0 | 13.44 | 63.0 | 14.10 | 68.4 | 15.20 | 79.0 | 17.40 | 84.4 | 18.52 |
| | 15 | 46.8 | 11.18 | 50.8 | 12.06 | 54.8 | 12.94 | 59.0 | 13.82 | 63.0 | 14.52 | 68.4 | 15.66 | 79.0 | 17.92 | 84.4 | 19.06 |
| | 21 | 46.8 | 11.76 | 50.8 | 12.68 | 54.8 | 13.60 | 59.0 | 14.54 | 63.0 | 15.30 | 68.4 | 16.52 | 79.0 | 18.92 | 84.4 | 20.14 |
| | 23 | 46.8 | 12.00 | 50.8 | 12.94 | 54.8 | 13.90 | 59.0 | 14.84 | 63.0 | 15.66 | 68.4 | 16.88 | 79.0 | 19.36 | 84.4 | 20.60 |
| | 25 | 46.8 | 12.28 | 50.8 | 13.24 | 54.8 | 14.22 | 59.0 | 15.18 | 63.0 | 16.04 | 68.4 | 17.30 | 79.0 | 19.84 | 84.4 | 21.10 |
| | 27 | 46.8 | 12.58 | 50.8 | 13.58 | 54.8 | 14.58 | 59.0 | 15.58 | 63.0 | 16.46 | 68.4 | 17.78 | 79.0 | 20.38 | 84.4 | 21.68 |
| | 30 | 46.8 | 13.10 | 50.8 | 14.14 | 54.8 | 15.18 | 59.0 | 16.24 | 63.0 | 17.20 | 68.4 | 18.56 | 79.0 | 21.30 | 84.4 | 22.66 |
| | 33 | 46.8 | 13.70 | 50.8 | 14.80 | 54.8 | 15.90 | 59.0 | 17.00 | 63.0 | 18.06 | 68.4 | 19.50 | 79.0 | 22.36 | 84.4 | 24.12 |
| | 35 | 46.8 | 14.22 | 50.8 | 15.36 | 54.8 | 16.50 | 59.0 | 17.64 | 63.0 | 18.76 | 68.4 | 20.26 | 79.0 | 23.42 | 84.4 | 25.94 |
| | 37 | 46.8 | 14.78 | 50.8 | 15.98 | 54.8 | 17.18 | 59.0 | 18.36 | 63.0 | 19.54 | 68.4 | 21.10 | 79.0 | 25.16 | 84.4 | 27.90 |
| | 40 | 46.8 | 15.76 | 50.8 | 17.04 | 54.8 | 18.30 | 59.0 | 19.58 | 63.0 | 20.86 | 68.4 | 22.54 | 79.0 | 28.02 | 84.4 | 31.14 |
| | 43 | 46.8 | 16.88 | 50.8 | 18.24 | 54.8 | 19.62 | 59.0 | 21.00 | 63.0 | 22.38 | 68.4 | 24.98 | 79.0 | 31.24 | 83.0 | 33.66 |
| | 46 | 46.8 | 18.16 | 50.8 | 19.64 | 54.8 | 21.14 | 59.0 | 22.62 | 63.0 | 24.64 | 68.4 | 27.78 | 79.0 | 34.92 | 80.6 | 35.28 |
| 54.0 (60%) | 10 | 40.0 | 9.48 | 43.6 | 10.22 | 47.0 | 10.94 | 50.6 | 11.68 | 54.0 | 12.24 | 58.6 | 13.18 | 67.8 | 15.08 | 72.4 | 16.02 |
| | 15 | 40.0 | 9.74 | 43.6 | 10.50 | 47.0 | 11.24 | 50.6 | 12.00 | 54.0 | 12.60 | 58.6 | 13.56 | 67.8 | 15.52 | 72.4 | 16.50 |
| | 21 | 40.0 | 10.22 | 43.6 | 11.02 | 47.0 | 11.82 | 50.6 | 12.62 | 54.0 | 13.28 | 58.6 | 14.30 | 67.8 | 16.38 | 72.4 | 17.40 |
| | 23 | 40.0 | 10.44 | 43.6 | 11.24 | 47.0 | 12.06 | 50.6 | 12.88 | 54.0 | 13.56 | 58.6 | 14.62 | 67.8 | 16.74 | 72.4 | 17.80 |
| | 25 | 40.0 | 10.68 | 43.6 | 11.50 | 47.0 | 12.34 | 50.6 | 13.18 | 54.0 | 13.90 | 58.6 | 14.98 | 67.8 | 17.16 | 72.4 | 18.24 |
| | 27 | 40.0 | 10.94 | 43.6 | 11.78 | 47.0 | 12.64 | 50.6 | 13.50 | 54.0 | 14.26 | 58.6 | 15.38 | 67.8 | 17.62 | 72.4 | 18.74 |
| | 30 | 40.0 | 11.38 | 43.6 | 12.28 | 47.0 | 13.18 | 50.6 | 14.06 | 54.0 | 14.90 | 58.6 | 16.08 | 67.8 | 18.42 | 72.4 | 19.58 |
| | 33 | 40.0 | 11.90 | 43.6 | 12.84 | 47.0 | 13.78 | 50.6 | 14.72 | 54.0 | 15.62 | 58.6 | 16.86 | 67.8 | 19.32 | 72.4 | 20.56 |
| | 35 | 40.0 | 12.34 | 43.6 | 13.32 | 47.0 | 14.30 | 50.6 | 15.28 | 54.0 | 16.24 | 58.6 | 17.52 | 67.8 | 20.08 | 72.4 | 21.36 |
| | 37 | 40.0 | 12.84 | 43.6 | 13.86 | 47.0 | 14.88 | 50.6 | 15.90 | 54.0 | 16.90 | 58.6 | 18.24 | 67.8 | 20.92 | 72.4 | 22.26 |
| | 40 | 40.0 | 13.66 | 43.6 | 14.76 | 47.0 | 15.84 | 50.6 | 16.94 | 54.0 | 18.04 | 58.6 | 19.48 | 67.8 | 22.36 | 72.4 | 24.46 |
| | 43 | 40.0 | 14.62 | 43.6 | 15.80 | 47.0 | 16.98 | 50.6 | 18.14 | 54.0 | 19.34 | 58.6 | 20.90 | 67.8 | 24.66 | 72.4 | 27.20 |
| | 46 | 40.0 | 15.72 | 43.6 | 17.00 | 47.0 | 18.26 | 50.6 | 19.54 | 54.0 | 20.86 | 58.6 | 22.52 | 67.8 | 27.40 | 72.4 | 30.28 |
| 45.0 (50%) | 10 | 33.4 | 8.08 | 36.2 | 8.70 | 39.2 | 9.30 | 42.0 | 9.92 | 45.0 | 10.38 | 48.8 | 11.16 | 56.4 | 12.74 | 60.2 | 13.54 |
| | 15 | 33.4 | 8.30 | 36.2 | 8.92 | 39.2 | 9.56 | 42.0 | 10.18 | 45.0 | 10.68 | 48.8 | 11.48 | 56.4 | 13.12 | 60.2 | 13.92 |
| | 21 | 33.4 | 8.70 | 36.2 | 9.36 | 39.2 | 10.02 | 42.0 | 10.70 | 45.0 | 11.24 | 48.8 | 12.10 | 56.4 | 13.82 | 60.2 | 14.68 |
| | 23 | 33.4 | 8.88 | 36.2 | 9.56 | 39.2 | 10.24 | 42.0 | 10.92 | 45.0 | 11.48 | 48.8 | 12.36 | 56.4 | 14.14 | 60.2 | 15.02 |
| | 25 | 33.4 | 9.08 | 36.2 | 9.76 | 39.2 | 10.46 | 42.0 | 11.16 | 45.0 | 11.76 | 48.8 | 12.66 | 56.4 | 14.48 | 60.2 | 15.38 |
| | 27 | 33.4 | 9.30 | 36.2 | 10.00 | 39.2 | 10.72 | 42.0 | 11.44 | 45.0 | 12.08 | 48.8 | 13.00 | 56.4 | 14.86 | 60.2 | 15.80 |
| | 30 | 33.4 | 9.66 | 36.2 | 10.42 | 39.2 | 11.16 | 42.0 | 11.90 | 45.0 | 12.60 | 48.8 | 13.58 | 56.4 | 15.52 | 60.2 | 16.50 |
| | 33 | 33.4 | 10.10 | 36.2 | 10.88 | 39.2 | 11.66 | 42.0 | 12.44 | 45.0 | 13.20 | 48.8 | 14.24 | 56.4 | 16.28 | 60.2 | 17.32 |
| | 35 | 33.4 | 10.46 | 36.2 | 11.28 | 39.2 | 12.10 | 42.0 | 12.90 | 45.0 | 13.70 | 48.8 | 14.78 | 56.4 | 16.92 | 60.2 | 17.98 |
| | 37 | 33.4 | 10.88 | 36.2 | 11.72 | 39.2 | 12.58 | 42.0 | 13.42 | 45.0 | 14.26 | 48.8 | 15.38 | 56.4 | 17.62 | 60.2 | 18.74 |
| | 40 | 33.4 | 11.56 | 36.2 | 12.48 | 39.2 | 13.38 | 42.0 | 14.30 | 45.0 | 15.22 | 48.8 | 16.42 | 56.4 | 18.80 | 60.2 | 20.00 |
| | 43 | 33.4 | 12.36 | 36.2 | 13.34 | 39.2 | 14.32 | 42.0 | 15.30 | 45.0 | 16.30 | 48.8 | 17.60 | 56.4 | 20.16 | 60.2 | 21.46 |
| | 46 | 33.4 | 13.28 | 36.2 | 14.34 | 39.2 | 15.40 | 42.0 | 16.46 | 45.0 | 17.56 | 48.8 | 18.96 | 56.4 | 21.74 | 60.2 | 23.14 |

# ■ Model: AJ∗306GALDH

| Cooling capacity at rated condition: 95.0 kW (34HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 142.5 (150%) | 10 | 105.8 | 20.42 | 111.5 | 21.20 | 114.1 | 21.20 | 116.9 | 21.18 | 119.3 | 21.23 | 122.3 | 21.18 | 128.0 | 21.04 | 130.9 | 20.96 |
| | 15 | 105.8 | 21.04 | 110.7 | 21.62 | 113.5 | 21.62 | 116.1 | 21.62 | 118.4 | 21.67 | 121.2 | 21.64 | 126.9 | 21.51 | 129.8 | 21.43 |
| | 21 | 105.8 | 22.19 | 109.2 | 22.41 | 111.8 | 22.43 | 114.6 | 22.44 | 116.7 | 22.55 | 119.5 | 22.49 | 125.1 | 22.38 | 128.0 | 22.33 |
| | 23 | 105.6 | 22.67 | 108.6 | 22.74 | 111.2 | 22.77 | 113.8 | 22.77 | 115.9 | 22.90 | 118.6 | 22.85 | 123.9 | 22.92 | 126.5 | 23.00 |
| | 25 | 105.2 | 23.08 | 107.8 | 23.12 | 110.4 | 23.15 | 113.1 | 23.21 | 114.7 | 23.49 | 117.1 | 23.60 | 122.0 | 23.82 | 124.5 | 23.91 |
| | 27 | 104.3 | 23.59 | 106.6 | 23.75 | 108.9 | 23.92 | 111.4 | 24.08 | 112.9 | 24.39 | 115.2 | 24.50 | 120.0 | 24.72 | 122.5 | 24.83 |
| | 30 | 101.8 | 24.85 | 104.1 | 25.04 | 106.6 | 25.20 | 108.9 | 25.37 | 110.1 | 25.73 | 112.3 | 25.86 | 117.1 | 26.09 | 119.4 | 26.20 |
| | 33 | 99.5 | 26.11 | 101.8 | 26.30 | 104.0 | 26.49 | 106.3 | 26.68 | 107.3 | 27.07 | 109.5 | 27.21 | 114.0 | 27.51 | 116.3 | 27.65 |
| | 35 | 97.8 | 26.98 | 100.1 | 27.20 | 102.1 | 27.40 | 104.4 | 27.61 | 105.2 | 28.08 | 107.5 | 28.25 | 112.0 | 28.58 | 114.0 | 28.75 |
| | 37 | 96.1 | 27.93 | 98.1 | 28.15 | 100.4 | 28.38 | 102.4 | 28.59 | 103.2 | 29.12 | 105.5 | 29.31 | 109.7 | 29.67 | 112.0 | 29.84 |
| | 40 | 93.3 | 29.36 | 95.3 | 29.60 | 97.5 | 29.83 | 99.5 | 30.07 | 100.1 | 30.70 | 102.1 | 30.90 | 106.4 | 31.31 | 108.6 | 31.50 |
| | 43 | 90.4 | 30.80 | 92.4 | 31.05 | 94.4 | 31.30 | 96.7 | 31.55 | 96.9 | 32.29 | 99.0 | 32.51 | 103.2 | 32.95 | 105.2 | 33.17 |
| | 46 | 87.6 | 32.25 | 89.6 | 32.53 | 91.6 | 32.80 | 93.6 | 33.07 | 93.8 | 33.87 | 95.8 | 34.12 | 99.8 | 34.61 | 101.8 | 34.84 |
| 133.0 (140%) | 10 | 98.7 | 19.13 | 107.2 | 20.71 | 111.8 | 21.20 | 114.6 | 21.20 | 117.4 | 21.26 | 120.1 | 21.21 | 125.7 | 21.10 | 128.6 | 21.02 |
| | 15 | 98.7 | 19.71 | 107.2 | 21.32 | 111.0 | 21.62 | 113.8 | 21.62 | 116.5 | 21.72 | 119.2 | 21.67 | 124.9 | 21.56 | 127.7 | 21.48 |
| | 21 | 98.7 | 20.80 | 106.8 | 22.37 | 109.5 | 22.41 | 112.1 | 22.44 | 114.8 | 22.57 | 117.5 | 22.52 | 123.1 | 22.44 | 125.8 | 22.36 |
| | 23 | 98.7 | 21.26 | 106.4 | 22.74 | 108.9 | 22.76 | 111.5 | 22.77 | 114.1 | 22.93 | 116.9 | 22.88 | 122.2 | 22.84 | 124.5 | 22.94 |
| | 25 | 98.7 | 21.78 | 105.6 | 23.10 | 108.3 | 23.12 | 110.9 | 23.16 | 113.1 | 23.40 | 115.4 | 23.52 | 120.2 | 23.74 | 122.8 | 23.85 |
| | 27 | 98.7 | 22.38 | 104.6 | 23.62 | 106.9 | 23.78 | 109.4 | 23.95 | 111.3 | 24.30 | 113.7 | 24.42 | 118.3 | 24.64 | 120.8 | 24.75 |
| | 30 | 98.7 | 24.08 | 102.4 | 24.88 | 104.6 | 25.06 | 106.9 | 25.23 | 108.6 | 25.64 | 110.9 | 25.78 | 115.4 | 26.01 | 117.7 | 26.14 |
| | 33 | 97.8 | 25.96 | 100.1 | 26.16 | 102.1 | 26.35 | 104.4 | 26.52 | 105.8 | 26.99 | 108.0 | 27.12 | 112.6 | 27.41 | 114.8 | 27.57 |
| | 35 | 96.1 | 26.82 | 98.4 | 27.03 | 100.4 | 27.25 | 102.6 | 27.45 | 103.9 | 27.97 | 106.1 | 28.14 | 110.3 | 28.47 | 112.6 | 28.64 |
| | 37 | 94.4 | 27.77 | 96.4 | 27.99 | 98.7 | 28.21 | 100.7 | 28.41 | 101.9 | 29.01 | 104.1 | 29.20 | 108.3 | 29.56 | 110.6 | 29.73 |
| | 40 | 91.6 | 29.19 | 93.8 | 29.41 | 95.8 | 29.66 | 97.9 | 29.88 | 98.8 | 30.57 | 100.9 | 30.78 | 105.2 | 31.17 | 107.2 | 31.37 |
| | 43 | 89.0 | 30.61 | 91.0 | 30.86 | 93.0 | 31.13 | 95.0 | 31.38 | 95.8 | 32.15 | 97.8 | 32.37 | 101.8 | 32.81 | 104.1 | 33.03 |
| | 46 | 86.2 | 32.06 | 88.2 | 32.33 | 90.1 | 32.61 | 92.1 | 32.88 | 92.7 | 33.74 | 94.7 | 33.98 | 98.7 | 34.48 | 100.7 | 34.70 |
| 123.5 (130%) | 10 | 91.6 | 17.85 | 99.6 | 19.30 | 107.5 | 20.77 | 111.8 | 21.20 | 115.2 | 21.29 | 118.0 | 21.26 | 123.4 | 21.15 | 126.3 | 21.09 |
| | 15 | 91.6 | 18.37 | 99.6 | 19.87 | 107.5 | 21.37 | 111.0 | 21.62 | 114.3 | 21.75 | 116.9 | 21.70 | 122.6 | 21.62 | 125.2 | 21.56 |
| | 21 | 91.6 | 19.38 | 99.6 | 20.98 | 106.9 | 22.39 | 109.5 | 22.41 | 112.7 | 22.58 | 115.4 | 22.55 | 120.8 | 22.47 | 123.5 | 22.41 |
| | 23 | 91.6 | 19.82 | 99.6 | 21.45 | 106.4 | 22.74 | 109.0 | 22.76 | 112.0 | 22.93 | 114.6 | 22.91 | 120.0 | 22.85 | 122.5 | 22.86 |
| | 25 | 91.6 | 20.31 | 99.6 | 21.97 | 105.8 | 23.10 | 108.4 | 23.12 | 111.2 | 23.36 | 113.7 | 23.43 | 118.3 | 23.66 | 120.8 | 23.77 |
| | 27 | 91.6 | 20.85 | 99.6 | 22.57 | 104.9 | 23.62 | 107.2 | 23.78 | 109.5 | 24.20 | 112.0 | 24.33 | 116.5 | 24.56 | 118.8 | 24.67 |
| | 30 | 91.6 | 21.78 | 99.6 | 24.41 | 102.6 | 24.90 | 104.9 | 25.07 | 106.9 | 25.54 | 109.2 | 25.67 | 113.7 | 25.92 | 116.0 | 26.04 |
| | 33 | 91.6 | 23.80 | 98.1 | 25.99 | 100.1 | 26.18 | 102.4 | 26.35 | 104.2 | 26.88 | 106.4 | 27.04 | 110.9 | 27.29 | 113.1 | 27.46 |
| | 35 | 91.6 | 25.30 | 96.4 | 26.84 | 98.6 | 27.06 | 100.7 | 27.26 | 102.4 | 27.86 | 104.6 | 28.03 | 108.9 | 28.36 | 110.9 | 28.52 |
| | 37 | 91.6 | 27.04 | 94.7 | 27.80 | 96.7 | 28.02 | 98.9 | 28.24 | 100.4 | 28.87 | 102.6 | 29.07 | 106.9 | 29.42 | 108.9 | 29.59 |
| | 40 | 90.1 | 28.99 | 92.1 | 29.22 | 94.1 | 29.46 | 96.1 | 29.69 | 97.5 | 30.43 | 99.5 | 30.65 | 103.7 | 31.04 | 105.8 | 31.23 |
| | 43 | 87.3 | 30.42 | 89.3 | 30.67 | 91.3 | 30.91 | 93.3 | 31.16 | 94.5 | 32.01 | 96.4 | 32.23 | 100.6 | 32.67 | 102.6 | 32.89 |
| | 46 | 84.7 | 31.86 | 86.7 | 32.12 | 88.5 | 32.39 | 90.5 | 32.66 | 91.4 | 33.59 | 93.3 | 33.84 | 97.3 | 34.31 | 99.3 | 34.56 |
| 114.0 (120%) | 10 | 84.5 | 16.57 | 91.9 | 17.91 | 99.3 | 19.24 | 106.6 | 20.60 | 112.7 | 21.32 | 115.4 | 21.29 | 120.8 | 21.20 | 123.4 | 21.15 |
| | 15 | 84.5 | 17.06 | 91.9 | 18.43 | 99.3 | 19.82 | 106.6 | 21.21 | 111.9 | 21.78 | 114.6 | 21.75 | 119.8 | 21.67 | 122.6 | 21.61 |
| | 21 | 84.5 | 17.99 | 91.9 | 19.46 | 99.3 | 20.91 | 106.4 | 22.34 | 110.3 | 22.60 | 112.9 | 22.58 | 118.3 | 22.52 | 120.9 | 22.47 |
| | 23 | 84.5 | 18.39 | 91.9 | 19.89 | 99.3 | 21.39 | 106.0 | 22.72 | 109.7 | 22.96 | 112.3 | 22.93 | 117.5 | 22.88 | 120.0 | 22.83 |
| | 25 | 84.5 | 18.83 | 91.9 | 20.38 | 99.3 | 21.92 | 105.5 | 23.10 | 108.9 | 23.34 | 111.5 | 23.36 | 116.2 | 23.57 | 118.5 | 23.66 |
| | 27 | 84.5 | 19.35 | 91.9 | 20.93 | 99.3 | 22.51 | 104.6 | 23.61 | 107.6 | 24.09 | 109.8 | 24.22 | 114.3 | 24.47 | 116.6 | 24.58 |
| | 30 | 84.5 | 20.20 | 91.9 | 21.86 | 99.3 | 24.30 | 102.4 | 24.90 | 105.0 | 25.42 | 107.2 | 25.56 | 111.7 | 25.81 | 114.0 | 25.95 |
| | 33 | 84.5 | 21.33 | 91.9 | 23.91 | 98.1 | 25.99 | 100.1 | 26.16 | 102.5 | 26.76 | 104.6 | 26.90 | 108.9 | 27.18 | 111.1 | 27.32 |
| | 35 | 84.5 | 22.66 | 91.9 | 25.41 | 96.4 | 26.84 | 98.6 | 27.06 | 100.7 | 27.72 | 102.7 | 27.89 | 106.9 | 28.22 | 109.1 | 28.38 |
| | 37 | 84.5 | 24.10 | 91.9 | 27.16 | 94.7 | 27.80 | 96.7 | 28.02 | 98.8 | 28.73 | 100.9 | 28.92 | 104.9 | 29.28 | 107.1 | 29.45 |
| | 40 | 84.5 | 26.68 | 90.1 | 29.00 | 92.1 | 29.24 | 94.1 | 29.46 | 95.9 | 30.29 | 97.8 | 30.48 | 102.0 | 30.87 | 104.0 | 31.06 |
| | 43 | 84.5 | 29.54 | 87.6 | 30.44 | 89.6 | 30.69 | 91.5 | 30.94 | 93.0 | 31.84 | 95.0 | 32.06 | 98.9 | 32.50 | 100.9 | 32.70 |
| | 46 | 83.0 | 31.62 | 84.8 | 31.89 | 86.8 | 32.14 | 88.7 | 32.41 | 90.0 | 33.40 | 91.9 | 33.65 | 95.8 | 34.12 | 97.8 | 34.37 |
| 104.5 (110%) | 10 | 77.5 | 15.28 | 84.2 | 16.51 | 91.0 | 17.74 | 97.8 | 18.97 | 104.5 | 19.93 | 112.6 | 21.32 | 117.7 | 21.26 | 120.3 | 21.21 |
| | 15 | 77.5 | 15.72 | 84.2 | 17.00 | 91.0 | 18.26 | 97.8 | 19.54 | 104.5 | 20.56 | 111.8 | 21.78 | 116.9 | 21.70 | 119.5 | 21.67 |
| | 21 | 77.5 | 16.57 | 84.2 | 17.93 | 91.0 | 19.27 | 97.8 | 20.61 | 104.5 | 21.73 | 110.3 | 22.60 | 115.4 | 22.55 | 118.0 | 22.52 |
| | 23 | 77.5 | 16.95 | 84.2 | 18.32 | 91.0 | 19.70 | 97.8 | 21.07 | 104.5 | 22.25 | 109.5 | 22.96 | 114.6 | 22.91 | 117.2 | 22.88 |
| | 25 | 77.5 | 17.36 | 84.2 | 18.78 | 91.0 | 20.17 | 97.8 | 21.59 | 104.5 | 22.82 | 108.9 | 23.34 | 113.7 | 23.43 | 116.0 | 23.54 |
| | 27 | 77.5 | 17.82 | 84.2 | 19.27 | 91.0 | 20.72 | 97.8 | 22.19 | 104.5 | 23.63 | 107.5 | 24.08 | 112.0 | 24.33 | 114.2 | 24.45 |
| | 30 | 77.5 | 18.61 | 84.2 | 20.12 | 91.0 | 21.64 | 97.8 | 23.76 | 102.9 | 25.28 | 105.1 | 25.42 | 109.4 | 25.70 | 111.7 | 25.81 |
| | 33 | 77.5 | 19.51 | 84.2 | 21.24 | 91.0 | 23.58 | 97.4 | 25.89 | 100.4 | 26.62 | 102.6 | 26.76 | 106.8 | 27.04 | 108.9 | 27.18 |
| | 35 | 77.5 | 20.20 | 84.2 | 22.55 | 91.0 | 25.06 | 96.1 | 26.81 | 98.7 | 27.55 | 100.7 | 27.72 | 104.9 | 28.05 | 106.9 | 28.22 |
| | 37 | 77.5 | 21.43 | 84.2 | 23.99 | 91.0 | 26.77 | 94.4 | 27.77 | 96.9 | 28.56 | 98.9 | 28.76 | 102.9 | 29.12 | 104.9 | 29.28 |
| | 40 | 77.5 | 23.63 | 84.2 | 26.54 | 89.9 | 28.97 | 91.8 | 29.19 | 94.1 | 30.09 | 96.1 | 30.29 | 100.1 | 30.70 | 102.1 | 30.89 |
| | 43 | 77.5 | 26.13 | 84.2 | 29.40 | 87.3 | 30.42 | 89.3 | 30.66 | 91.3 | 31.65 | 93.3 | 31.87 | 97.2 | 32.29 | 99.0 | 32.51 |
| | 46 | 77.5 | 28.91 | 83.0 | 31.61 | 84.8 | 31.87 | 86.7 | 32.14 | 88.4 | 33.21 | 90.4 | 33.45 | 94.1 | 33.92 | 96.1 | 34.15 |
| 95.0 (100%) | 10 | 70.6 | 14.00 | 76.6 | 15.12 | 82.8 | 16.24 | 88.8 | 17.36 | 95.0 | 18.23 | 103.0 | 19.68 | 114.3 | 21.31 | 116.9 | 21.26 |
| | 15 | 70.6 | 14.39 | 76.6 | 15.55 | 82.8 | 16.70 | 88.8 | 17.85 | 95.0 | 18.78 | 103.0 | 20.28 | 113.7 | 21.75 | 116.1 | 21.72 |
| | 21 | 70.6 | 15.17 | 76.6 | 16.40 | 82.8 | 17.61 | 88.8 | 18.83 | 95.0 | 19.87 | 103.0 | 21.46 | 112.1 | 22.60 | 114.6 | 22.57 |
| | 23 | 70.6 | 15.50 | 76.6 | 16.76 | 82.8 | 18.01 | 88.8 | 19.27 | 95.0 | 20.34 | 103.0 | 21.95 | 111.5 | 22.96 | 114.0 | 22.93 |
| | 25 | 70.6 | 15.88 | 76.6 | 17.17 | 82.8 | 18.45 | 88.8 | 19.73 | 95.0 | 20.85 | 103.0 | 22.52 | 110.8 | 23.35 | 113.1 | 23.40 |
| | 27 | 70.6 | 16.30 | 76.6 | 17.63 | 82.8 | 18.94 | 88.8 | 20.25 | 95.0 | 21.43 | 103.0 | 23.16 | 109.2 | 24.19 | 111.4 | 24.30 |
| | 30 | 70.6 | 17.01 | 76.6 | 18.40 | 82.8 | 19.79 | 88.8 | 21.15 | 95.0 | 22.69 | 102.6 | 25.25 | 106.8 | 25.53 | 108.9 | 25.67 |
| | 33 | 70.6 | 17.85 | 76.6 | 19.30 | 82.8 | 20.75 | 88.8 | 22.82 | 95.0 | 24.96 | 100.1 | 26.60 | 104.3 | 26.90 | 106.3 | 27.01 |
| | 35 | 70.6 | 18.47 | 76.6 | 19.98 | 82.8 | 22.00 | 88.8 | 24.24 | 95.0 | 26.61 | 98.4 | 27.53 | 102.6 | 27.86 | 104.6 | 28.03 |
| | 37 | 70.6 | 19.13 | 76.6 | 21.10 | 82.8 | 23.36 | 88.8 | 25.87 | 94.6 | 28.31 | 96.7 | 28.54 | 100.6 | 28.90 | 102.6 | 29.09 |
| | 40 | 70.6 | 20.79 | 76.6 | 23.25 | 82.8 | 25.86 | 88.8 | 28.64 | 92.0 | 29.87 | 94.1 | 30.07 | 97.8 | 30.48 | 99.8 | 30.67 |
| | 43 | 70.6 | 22.95 | 76.6 | 25.70 | 82.8 | 28.61 | 86.8 | 30.34 | 89.3 | 31.40 | 91.3 | 31.63 | 95.0 | 32.07 | 96.9 | 32.28 |
| | 46 | 70.6 | 25.34 | 76.6 | 28.42 | 82.4 | 31.49 | 84.4 | 31.81 | 86.6 | 32.96 | 88.4 | 33.21 | 92.1 | 33.68 | 94.1 | 33.90 |

MODEL SELECTION

| Cooling capacity at rated condition: 95.0 kW (34HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 85.5 (90%) | 10 | 63.5 | 12.69 | 68.9 | 13.70 | 74.5 | 14.71 | 80.0 | 15.72 | 85.5 | 16.52 | 92.7 | 17.83 | 107.2 | 20.44 | 112.9 | 21.32 |
| | 15 | 63.5 | 13.07 | 68.9 | 14.11 | 74.5 | 15.15 | 80.0 | 16.18 | 85.5 | 17.03 | 92.7 | 18.37 | 107.2 | 21.07 | 112.3 | 21.78 |
| | 21 | 63.5 | 13.76 | 68.9 | 14.87 | 74.5 | 15.97 | 80.0 | 17.06 | 85.5 | 17.99 | 92.7 | 19.41 | 107.2 | 22.28 | 110.9 | 22.60 |
| | 23 | 63.5 | 14.06 | 68.9 | 15.20 | 74.5 | 16.32 | 80.0 | 17.44 | 85.5 | 18.40 | 92.7 | 19.87 | 107.2 | 22.80 | 110.3 | 22.96 |
| | 25 | 63.5 | 14.41 | 68.9 | 15.56 | 74.5 | 16.73 | 80.0 | 17.88 | 85.5 | 18.87 | 92.7 | 20.37 | 107.0 | 23.31 | 109.5 | 23.34 |
| | 27 | 63.5 | 14.79 | 68.9 | 15.97 | 74.5 | 17.17 | 80.0 | 18.34 | 85.5 | 19.41 | 92.7 | 20.94 | 106.0 | 24.00 | 108.2 | 24.11 |
| | 30 | 63.5 | 15.42 | 68.9 | 16.67 | 74.5 | 17.91 | 80.0 | 19.16 | 85.5 | 20.28 | 92.7 | 21.93 | 103.7 | 25.34 | 105.8 | 25.48 |
| | 33 | 63.5 | 16.18 | 68.9 | 17.47 | 74.5 | 18.78 | 80.0 | 20.09 | 85.5 | 21.55 | 92.7 | 24.14 | 101.4 | 26.68 | 103.4 | 26.82 |
| | 35 | 63.5 | 16.73 | 68.9 | 18.09 | 74.5 | 19.44 | 80.0 | 21.04 | 85.5 | 22.94 | 92.7 | 25.69 | 99.8 | 27.64 | 101.7 | 27.80 |
| | 37 | 63.5 | 17.33 | 68.9 | 18.75 | 74.5 | 20.34 | 80.0 | 22.33 | 85.5 | 24.46 | 92.7 | 27.54 | 98.0 | 28.67 | 99.8 | 28.84 |
| | 40 | 63.5 | 18.39 | 68.9 | 20.20 | 74.5 | 22.37 | 80.0 | 24.67 | 85.5 | 27.15 | 91.5 | 29.82 | 95.3 | 30.21 | 97.2 | 30.40 |
| | 43 | 63.5 | 20.00 | 68.9 | 22.29 | 74.5 | 24.72 | 80.0 | 27.28 | 85.5 | 30.12 | 89.0 | 31.35 | 92.7 | 31.79 | 94.4 | 32.01 |
| | 46 | 63.5 | 22.07 | 68.9 | 24.61 | 74.5 | 27.33 | 80.0 | 30.21 | 84.4 | 32.68 | 86.2 | 32.91 | 89.8 | 33.38 | 91.6 | 33.62 |
| 76.0 (80%) | 10 | 56.4 | 11.41 | 61.3 | 12.31 | 66.1 | 13.21 | 71.2 | 14.11 | 76.0 | 14.80 | 82.5 | 15.97 | 95.3 | 18.29 | 101.8 | 19.44 |
| | 15 | 56.4 | 11.74 | 61.3 | 12.66 | 66.1 | 13.59 | 71.2 | 14.52 | 76.0 | 15.26 | 82.5 | 16.46 | 95.3 | 18.84 | 101.8 | 20.04 |
| | 21 | 56.4 | 12.36 | 61.3 | 13.34 | 66.1 | 14.33 | 71.2 | 15.29 | 76.0 | 16.11 | 82.5 | 17.39 | 95.3 | 19.93 | 101.8 | 21.19 |
| | 23 | 56.4 | 12.63 | 61.3 | 13.62 | 66.1 | 14.63 | 71.2 | 15.64 | 76.0 | 16.49 | 82.5 | 17.80 | 95.3 | 20.39 | 101.8 | 21.70 |
| | 25 | 56.4 | 12.94 | 61.3 | 13.95 | 66.1 | 14.98 | 71.2 | 16.02 | 76.0 | 16.90 | 82.5 | 18.24 | 95.3 | 20.91 | 101.8 | 22.25 |
| | 27 | 56.4 | 13.26 | 61.3 | 14.33 | 66.1 | 15.37 | 71.2 | 16.43 | 76.0 | 17.36 | 82.5 | 18.75 | 95.3 | 21.49 | 101.8 | 22.88 |
| | 30 | 56.4 | 13.84 | 61.3 | 14.93 | 66.1 | 16.05 | 71.2 | 17.16 | 76.0 | 18.16 | 82.5 | 19.60 | 95.3 | 22.80 | 101.8 | 25.04 |
| | 33 | 56.4 | 14.49 | 61.3 | 15.66 | 66.1 | 16.82 | 71.2 | 17.99 | 76.0 | 19.08 | 82.5 | 20.59 | 95.3 | 25.09 | 100.0 | 26.59 |
| | 35 | 56.4 | 14.99 | 61.3 | 16.21 | 66.1 | 17.41 | 71.2 | 18.61 | 76.0 | 19.76 | 82.5 | 21.84 | 95.3 | 26.73 | 98.4 | 27.52 |
| | 37 | 56.4 | 15.53 | 61.3 | 16.79 | 66.1 | 18.04 | 71.2 | 19.30 | 76.0 | 20.86 | 82.5 | 23.23 | 94.9 | 28.36 | 96.7 | 28.54 |
| | 40 | 56.4 | 16.48 | 61.3 | 17.80 | 66.1 | 19.16 | 71.2 | 21.04 | 76.0 | 23.01 | 82.5 | 25.77 | 92.4 | 29.90 | 94.1 | 30.09 |
| | 43 | 56.4 | 17.63 | 61.3 | 19.16 | 66.1 | 21.14 | 71.2 | 23.22 | 76.0 | 25.49 | 82.5 | 28.59 | 89.8 | 31.46 | 91.5 | 31.67 |
| | 46 | 56.4 | 19.01 | 61.3 | 21.11 | 66.1 | 23.32 | 71.2 | 25.64 | 76.0 | 28.24 | 82.5 | 31.72 | 87.0 | 33.04 | 89.0 | 33.26 |
| 66.5 (70%) | 10 | 49.3 | 10.13 | 53.6 | 10.92 | 57.9 | 11.71 | 62.1 | 12.47 | 66.5 | 13.10 | 72.1 | 14.11 | 83.4 | 16.14 | 89.0 | 17.15 |
| | 15 | 49.3 | 10.40 | 53.6 | 11.22 | 57.9 | 12.03 | 62.1 | 12.83 | 66.5 | 13.49 | 72.1 | 14.53 | 83.4 | 16.63 | 89.0 | 17.69 |
| | 21 | 49.3 | 10.95 | 53.6 | 11.82 | 57.9 | 12.66 | 62.1 | 13.51 | 66.5 | 14.25 | 72.1 | 15.35 | 83.4 | 17.58 | 89.0 | 18.70 |
| | 23 | 49.3 | 11.19 | 53.6 | 12.06 | 57.9 | 12.94 | 62.1 | 13.81 | 66.5 | 14.55 | 72.1 | 15.70 | 83.4 | 17.99 | 89.0 | 19.11 |
| | 25 | 49.3 | 11.46 | 53.6 | 12.36 | 57.9 | 13.26 | 62.1 | 14.14 | 66.5 | 14.93 | 72.1 | 16.11 | 83.4 | 18.43 | 89.0 | 19.60 |
| | 27 | 49.3 | 11.74 | 53.6 | 12.67 | 57.9 | 13.59 | 62.1 | 14.52 | 66.5 | 15.34 | 72.1 | 16.54 | 83.4 | 18.95 | 89.0 | 20.15 |
| | 30 | 49.3 | 12.25 | 53.6 | 13.21 | 57.9 | 14.19 | 62.1 | 15.15 | 66.5 | 16.03 | 72.1 | 17.28 | 83.4 | 19.82 | 89.0 | 21.08 |
| | 33 | 49.3 | 12.83 | 53.6 | 13.84 | 57.9 | 14.87 | 62.1 | 15.88 | 66.5 | 16.82 | 72.1 | 18.16 | 83.4 | 20.84 | 89.0 | 22.80 |
| | 35 | 49.3 | 13.26 | 53.6 | 14.33 | 57.9 | 15.37 | 62.1 | 16.43 | 66.5 | 17.42 | 72.1 | 18.81 | 83.4 | 22.17 | 89.0 | 24.27 |
| | 37 | 49.3 | 13.73 | 53.6 | 14.82 | 57.9 | 15.94 | 62.1 | 17.03 | 66.5 | 18.08 | 72.1 | 19.52 | 83.4 | 23.62 | 89.0 | 25.93 |
| | 40 | 49.3 | 14.55 | 53.6 | 15.72 | 57.9 | 16.89 | 62.1 | 18.06 | 66.5 | 19.27 | 72.1 | 21.45 | 83.4 | 26.20 | 89.0 | 28.81 |
| | 43 | 49.3 | 15.58 | 53.6 | 16.84 | 57.9 | 18.09 | 62.1 | 19.51 | 66.5 | 21.31 | 72.1 | 23.74 | 83.4 | 29.06 | 88.1 | 31.26 |
| | 46 | 49.3 | 16.76 | 53.6 | 18.12 | 57.9 | 19.65 | 62.1 | 21.50 | 66.5 | 23.55 | 72.1 | 26.27 | 83.4 | 32.26 | 85.6 | 32.82 |
| 57.0 (60%) | 10 | 42.3 | 8.84 | 45.9 | 9.52 | 49.6 | 10.18 | 53.3 | 10.86 | 57.0 | 11.39 | 61.8 | 12.26 | 71.5 | 14.00 | 76.3 | 14.88 |
| | 15 | 42.3 | 9.09 | 45.9 | 9.77 | 49.6 | 10.48 | 53.3 | 11.16 | 57.0 | 11.71 | 61.8 | 12.61 | 71.5 | 14.42 | 76.3 | 15.32 |
| | 21 | 42.3 | 9.55 | 45.9 | 10.29 | 49.6 | 11.02 | 53.3 | 11.74 | 57.0 | 12.37 | 61.8 | 13.32 | 71.5 | 15.23 | 76.3 | 16.19 |
| | 23 | 42.3 | 9.75 | 45.9 | 10.51 | 49.6 | 11.25 | 53.3 | 12.01 | 57.0 | 12.64 | 61.8 | 13.62 | 71.5 | 15.56 | 76.3 | 16.55 |
| | 25 | 42.3 | 9.99 | 45.9 | 10.75 | 49.6 | 11.52 | 53.3 | 12.28 | 57.0 | 12.96 | 61.8 | 13.95 | 71.5 | 15.97 | 76.3 | 16.98 |
| | 27 | 42.3 | 10.23 | 45.9 | 11.03 | 49.6 | 11.82 | 53.3 | 12.61 | 57.0 | 13.30 | 61.8 | 14.33 | 71.5 | 16.41 | 76.3 | 17.44 |
| | 30 | 42.3 | 10.67 | 45.9 | 11.49 | 49.6 | 12.31 | 53.3 | 13.15 | 57.0 | 13.90 | 61.8 | 14.99 | 71.5 | 17.14 | 76.3 | 18.23 |
| | 33 | 42.3 | 11.16 | 45.9 | 12.03 | 49.6 | 12.91 | 53.3 | 13.78 | 57.0 | 14.58 | 61.8 | 15.72 | 71.5 | 18.02 | 76.3 | 19.14 |
| | 35 | 42.3 | 11.52 | 45.9 | 12.42 | 49.6 | 13.34 | 53.3 | 14.25 | 57.0 | 15.10 | 61.8 | 16.27 | 71.5 | 18.65 | 76.3 | 19.84 |
| | 37 | 42.3 | 11.93 | 45.9 | 12.88 | 49.6 | 13.81 | 53.3 | 14.76 | 57.0 | 15.67 | 61.8 | 16.90 | 71.5 | 19.36 | 76.3 | 20.97 |
| | 40 | 42.3 | 12.64 | 45.9 | 13.64 | 49.6 | 14.63 | 53.3 | 15.64 | 57.0 | 16.63 | 61.8 | 17.94 | 71.5 | 21.19 | 76.3 | 23.15 |
| | 43 | 42.3 | 13.51 | 45.9 | 14.58 | 49.6 | 15.67 | 53.3 | 16.73 | 57.0 | 17.83 | 61.8 | 19.40 | 71.5 | 23.45 | 76.3 | 25.65 |
| | 46 | 42.3 | 14.52 | 45.9 | 15.69 | 49.6 | 16.84 | 53.3 | 18.01 | 57.0 | 19.32 | 61.8 | 21.42 | 71.5 | 25.95 | 76.3 | 28.42 |
| 47.5 (50%) | 10 | 35.2 | 7.56 | 38.3 | 8.11 | 41.4 | 8.68 | 44.5 | 9.23 | 47.5 | 9.67 | 51.6 | 10.40 | 59.6 | 11.85 | 63.5 | 12.58 |
| | 15 | 35.2 | 7.75 | 38.3 | 8.33 | 41.4 | 8.92 | 44.5 | 9.50 | 47.5 | 9.96 | 51.6 | 10.70 | 59.6 | 12.20 | 63.5 | 12.94 |
| | 21 | 35.2 | 8.14 | 38.3 | 8.76 | 41.4 | 9.36 | 44.5 | 9.99 | 47.5 | 10.49 | 51.6 | 11.28 | 59.6 | 12.88 | 63.5 | 13.68 |
| | 23 | 35.2 | 8.32 | 38.3 | 8.93 | 41.4 | 9.56 | 44.5 | 10.18 | 47.5 | 10.73 | 51.6 | 11.55 | 59.6 | 13.16 | 63.5 | 13.98 |
| | 25 | 35.2 | 8.49 | 38.3 | 9.14 | 41.4 | 9.78 | 44.5 | 10.43 | 47.5 | 10.98 | 51.6 | 11.82 | 59.6 | 13.49 | 63.5 | 14.33 |
| | 27 | 35.2 | 8.71 | 38.3 | 9.36 | 41.4 | 10.04 | 44.5 | 10.70 | 47.5 | 11.27 | 51.6 | 12.14 | 59.6 | 13.85 | 63.5 | 14.72 |
| | 30 | 35.2 | 9.06 | 38.3 | 9.77 | 41.4 | 10.45 | 44.5 | 11.14 | 47.5 | 11.77 | 51.6 | 12.67 | 59.6 | 14.47 | 63.5 | 15.37 |
| | 33 | 35.2 | 9.47 | 38.3 | 10.21 | 41.4 | 10.94 | 44.5 | 11.66 | 47.5 | 12.34 | 51.6 | 13.29 | 59.6 | 15.20 | 63.5 | 16.14 |
| | 35 | 35.2 | 9.80 | 38.3 | 10.54 | 41.4 | 11.30 | 44.5 | 12.06 | 47.5 | 12.77 | 51.6 | 13.76 | 59.6 | 15.73 | 63.5 | 16.71 |
| | 37 | 35.2 | 10.13 | 38.3 | 10.92 | 41.4 | 11.71 | 44.5 | 12.48 | 47.5 | 13.24 | 51.6 | 14.27 | 59.6 | 16.32 | 63.5 | 17.34 |
| | 40 | 35.2 | 10.72 | 38.3 | 11.55 | 41.4 | 12.39 | 44.5 | 13.21 | 47.5 | 14.06 | 51.6 | 15.15 | 59.6 | 17.33 | 63.5 | 18.43 |
| | 43 | 35.2 | 11.44 | 38.3 | 12.34 | 41.4 | 13.24 | 44.5 | 14.14 | 47.5 | 15.05 | 51.6 | 16.24 | 59.6 | 18.59 | 63.5 | 20.11 |
| | 46 | 35.2 | 12.28 | 38.3 | 13.26 | 41.4 | 14.22 | 44.5 | 15.20 | 47.5 | 16.21 | 51.6 | 17.50 | 59.6 | 20.42 | 63.5 | 22.21 |

# ■ Model: AJ∗324GALDH

| Cooling capacity at rated condition: 100.5 kW (36HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 150.7 (150%) | 10 | 111.9 | 22.44 | 117.6 | 23.22 | 120.3 | 23.22 | 123.3 | 23.19 | 125.8 | 23.25 | 129.0 | 23.19 | 135.0 | 23.04 | 138.0 | 22.95 |
| | 15 | 111.9 | 23.13 | 116.7 | 23.67 | 119.7 | 23.67 | 122.4 | 23.67 | 124.9 | 23.73 | 127.8 | 23.70 | 133.8 | 23.55 | 136.8 | 23.46 |
| | 21 | 111.9 | 24.39 | 115.2 | 24.54 | 117.9 | 24.57 | 120.9 | 24.57 | 123.0 | 24.69 | 126.0 | 24.63 | 132.0 | 24.51 | 135.0 | 24.45 |
| | 23 | 111.6 | 24.90 | 114.6 | 24.90 | 117.3 | 24.93 | 120.0 | 24.93 | 122.3 | 25.08 | 125.1 | 25.02 | 130.8 | 25.05 | 133.5 | 25.14 |
| | 25 | 111.0 | 25.29 | 113.7 | 25.32 | 116.4 | 25.35 | 119.4 | 25.38 | 121.1 | 25.68 | 123.6 | 25.80 | 128.7 | 26.04 | 131.4 | 26.13 |
| | 27 | 110.1 | 25.80 | 112.5 | 25.98 | 114.9 | 26.16 | 117.6 | 26.34 | 119.1 | 26.67 | 121.5 | 26.79 | 126.6 | 27.03 | 129.3 | 27.15 |
| | 30 | 107.4 | 27.18 | 109.8 | 27.39 | 112.5 | 27.57 | 114.9 | 27.75 | 116.2 | 28.14 | 118.5 | 28.29 | 123.6 | 28.53 | 126.0 | 28.65 |
| | 33 | 105.0 | 28.56 | 107.4 | 28.77 | 109.8 | 28.98 | 112.2 | 29.19 | 113.2 | 29.61 | 115.5 | 29.76 | 120.3 | 30.09 | 122.7 | 30.24 |
| | 35 | 103.2 | 29.52 | 105.6 | 29.76 | 107.7 | 29.97 | 110.1 | 30.21 | 111.0 | 30.72 | 113.4 | 30.90 | 118.2 | 31.26 | 120.3 | 31.44 |
| | 37 | 101.4 | 30.57 | 103.5 | 30.81 | 105.9 | 31.05 | 108.0 | 31.29 | 108.9 | 31.86 | 111.3 | 32.07 | 115.8 | 32.46 | 118.2 | 32.64 |
| | 40 | 98.4 | 32.13 | 100.5 | 32.40 | 102.9 | 32.64 | 105.0 | 32.91 | 105.6 | 33.60 | 107.7 | 33.81 | 112.2 | 34.26 | 114.6 | 34.47 |
| | 43 | 95.4 | 33.72 | 97.5 | 33.99 | 99.6 | 34.26 | 102.0 | 34.53 | 102.3 | 35.34 | 104.4 | 35.58 | 108.9 | 36.06 | 111.0 | 36.30 |
| | 46 | 92.4 | 35.31 | 94.5 | 35.61 | 96.6 | 35.91 | 98.7 | 36.21 | 98.9 | 37.08 | 101.1 | 37.35 | 105.3 | 37.89 | 107.4 | 38.13 |
| 140.7 (140%) | 10 | 104.4 | 21.03 | 113.4 | 22.77 | 117.9 | 23.22 | 120.9 | 23.22 | 123.8 | 23.28 | 126.6 | 23.22 | 132.6 | 23.10 | 135.6 | 23.01 |
| | 15 | 104.4 | 21.66 | 113.4 | 23.43 | 117.0 | 23.67 | 120.0 | 23.67 | 122.8 | 23.79 | 125.7 | 23.73 | 131.7 | 23.61 | 134.7 | 23.52 |
| | 21 | 104.4 | 22.86 | 112.8 | 24.54 | 115.5 | 24.54 | 118.2 | 24.57 | 121.0 | 24.72 | 123.9 | 24.66 | 129.9 | 24.57 | 132.6 | 24.48 |
| | 23 | 104.4 | 23.37 | 112.2 | 24.90 | 114.9 | 24.93 | 117.6 | 24.93 | 120.3 | 25.11 | 123.3 | 25.05 | 129.0 | 24.96 | 131.4 | 25.08 |
| | 25 | 104.4 | 23.94 | 111.3 | 25.29 | 114.3 | 25.32 | 117.0 | 25.35 | 119.3 | 25.59 | 121.8 | 25.71 | 126.9 | 25.95 | 129.6 | 26.07 |
| | 27 | 104.4 | 24.60 | 110.4 | 25.83 | 112.8 | 26.01 | 115.5 | 26.19 | 117.5 | 26.58 | 120.0 | 26.70 | 124.8 | 26.94 | 127.5 | 27.06 |
| | 30 | 104.4 | 26.46 | 108.0 | 27.21 | 110.4 | 27.42 | 112.8 | 27.60 | 114.6 | 28.05 | 117.0 | 28.20 | 121.8 | 28.44 | 124.2 | 28.59 |
| | 33 | 103.2 | 28.41 | 105.6 | 28.62 | 107.7 | 28.83 | 110.1 | 29.01 | 111.7 | 29.52 | 114.0 | 29.67 | 118.8 | 29.97 | 121.2 | 30.15 |
| | 35 | 101.4 | 29.34 | 103.8 | 29.58 | 105.9 | 29.82 | 108.3 | 30.03 | 109.6 | 30.60 | 111.9 | 30.78 | 116.4 | 31.14 | 118.8 | 31.32 |
| | 37 | 99.6 | 30.39 | 101.7 | 30.63 | 104.1 | 30.87 | 106.2 | 31.08 | 107.5 | 31.74 | 109.8 | 31.95 | 114.3 | 32.34 | 116.7 | 32.52 |
| | 40 | 96.6 | 31.95 | 99.0 | 32.19 | 101.1 | 32.46 | 103.2 | 32.70 | 104.3 | 33.45 | 106.5 | 33.69 | 111.0 | 34.11 | 113.1 | 34.32 |
| | 43 | 93.9 | 33.51 | 96.0 | 33.78 | 98.1 | 34.08 | 100.2 | 34.35 | 101.0 | 35.19 | 103.2 | 35.43 | 107.4 | 35.91 | 109.8 | 36.15 |
| | 46 | 90.9 | 35.10 | 93.0 | 35.40 | 95.1 | 35.70 | 97.2 | 36.00 | 97.7 | 36.93 | 99.9 | 37.20 | 104.1 | 37.74 | 106.2 | 37.98 |
| 130.6 (130%) | 10 | 96.9 | 19.62 | 105.3 | 21.21 | 113.7 | 22.83 | 117.9 | 23.22 | 121.5 | 23.31 | 124.5 | 23.28 | 130.2 | 23.16 | 133.2 | 23.10 |
| | 15 | 96.9 | 20.19 | 105.3 | 21.84 | 113.7 | 23.49 | 117.0 | 23.67 | 120.6 | 23.82 | 123.3 | 23.76 | 129.3 | 23.67 | 132.0 | 23.61 |
| | 21 | 96.9 | 21.30 | 105.3 | 23.07 | 112.8 | 24.54 | 115.5 | 24.54 | 118.8 | 24.72 | 121.8 | 24.69 | 127.5 | 24.60 | 130.2 | 24.54 |
| | 23 | 96.9 | 21.78 | 105.3 | 23.58 | 112.2 | 24.90 | 114.9 | 24.93 | 118.1 | 25.11 | 120.9 | 25.08 | 126.6 | 25.02 | 129.3 | 24.99 |
| | 25 | 96.9 | 22.32 | 105.3 | 24.15 | 111.6 | 25.29 | 114.3 | 25.32 | 117.3 | 25.56 | 120.0 | 25.62 | 124.8 | 25.86 | 127.5 | 25.98 |
| | 27 | 96.9 | 22.92 | 105.3 | 24.81 | 110.7 | 25.83 | 113.1 | 26.01 | 115.6 | 26.46 | 118.2 | 26.61 | 123.0 | 26.85 | 125.4 | 26.97 |
| | 30 | 96.9 | 23.94 | 105.3 | 26.82 | 108.3 | 27.24 | 110.7 | 27.42 | 112.8 | 27.93 | 115.2 | 28.08 | 120.0 | 28.35 | 122.4 | 28.47 |
| | 33 | 96.9 | 26.16 | 103.5 | 28.44 | 105.6 | 28.65 | 108.0 | 28.83 | 110.0 | 29.40 | 112.2 | 29.58 | 117.0 | 29.85 | 119.4 | 30.03 |
| | 35 | 96.9 | 27.81 | 101.7 | 29.37 | 104.1 | 29.61 | 106.2 | 29.82 | 108.0 | 30.48 | 110.4 | 30.66 | 114.9 | 31.02 | 117.0 | 31.20 |
| | 37 | 96.9 | 29.73 | 99.9 | 30.42 | 102.0 | 30.66 | 104.4 | 30.90 | 106.0 | 31.59 | 108.3 | 31.80 | 112.8 | 32.19 | 114.9 | 32.37 |
| | 40 | 95.1 | 31.74 | 97.2 | 31.98 | 99.3 | 32.25 | 101.4 | 32.49 | 102.8 | 33.30 | 105.0 | 33.54 | 109.5 | 33.96 | 111.6 | 34.17 |
| | 43 | 92.1 | 33.30 | 94.2 | 33.57 | 96.3 | 33.84 | 98.4 | 34.11 | 99.6 | 35.04 | 101.7 | 35.28 | 106.2 | 35.76 | 108.3 | 36.00 |
| | 46 | 89.4 | 34.89 | 91.5 | 35.16 | 93.3 | 35.46 | 95.4 | 35.76 | 96.4 | 36.78 | 98.4 | 37.05 | 102.6 | 37.56 | 104.7 | 37.83 |
| 120.6 (120%) | 10 | 89.4 | 18.21 | 97.2 | 19.68 | 105.0 | 21.15 | 112.8 | 22.65 | 118.9 | 23.34 | 121.8 | 23.31 | 127.5 | 23.22 | 130.2 | 23.16 |
| | 15 | 89.4 | 18.75 | 97.2 | 20.25 | 105.0 | 21.78 | 112.8 | 23.31 | 118.0 | 23.85 | 120.9 | 23.82 | 126.3 | 23.73 | 129.3 | 23.67 |
| | 21 | 89.4 | 19.77 | 97.2 | 21.39 | 105.0 | 22.98 | 112.5 | 24.54 | 116.4 | 24.75 | 119.1 | 24.72 | 124.8 | 24.66 | 127.5 | 24.60 |
| | 23 | 89.4 | 20.22 | 97.2 | 21.87 | 105.0 | 23.52 | 111.9 | 24.90 | 115.7 | 25.14 | 118.5 | 25.11 | 123.9 | 25.05 | 126.6 | 24.99 |
| | 25 | 89.4 | 20.70 | 97.2 | 22.41 | 105.0 | 24.09 | 111.3 | 25.29 | 114.9 | 25.56 | 117.6 | 25.56 | 122.7 | 25.77 | 125.1 | 25.86 |
| | 27 | 89.4 | 21.27 | 97.2 | 23.01 | 105.0 | 24.75 | 110.4 | 25.83 | 113.5 | 26.34 | 115.8 | 26.49 | 120.6 | 26.76 | 123.0 | 26.88 |
| | 30 | 89.4 | 22.20 | 97.2 | 24.03 | 105.0 | 26.70 | 108.0 | 27.24 | 110.8 | 27.81 | 113.1 | 27.96 | 117.9 | 28.23 | 120.3 | 28.38 |
| | 33 | 89.4 | 23.43 | 97.2 | 26.28 | 103.5 | 28.44 | 105.6 | 28.62 | 108.1 | 29.28 | 110.4 | 29.43 | 114.9 | 29.73 | 117.3 | 29.88 |
| | 35 | 89.4 | 24.90 | 97.2 | 27.93 | 101.7 | 29.37 | 104.1 | 29.61 | 106.2 | 30.33 | 108.3 | 30.51 | 112.8 | 30.87 | 115.2 | 31.05 |
| | 37 | 89.4 | 26.49 | 97.2 | 29.85 | 99.9 | 30.42 | 102.0 | 30.66 | 104.2 | 31.44 | 106.5 | 31.65 | 110.7 | 32.04 | 113.1 | 32.22 |
| | 40 | 89.4 | 29.34 | 95.1 | 31.74 | 97.2 | 32.01 | 99.3 | 32.25 | 101.2 | 33.15 | 103.2 | 33.36 | 107.7 | 33.78 | 109.8 | 33.99 |
| | 43 | 89.4 | 32.49 | 92.4 | 33.33 | 94.5 | 33.60 | 96.6 | 33.87 | 98.1 | 34.86 | 100.2 | 35.10 | 104.4 | 35.58 | 106.5 | 35.79 |
| | 46 | 87.6 | 34.62 | 89.4 | 34.92 | 91.5 | 35.19 | 93.6 | 35.49 | 95.0 | 36.57 | 96.9 | 36.84 | 101.1 | 37.35 | 103.2 | 37.62 |
| 110.5 (110%) | 10 | 81.9 | 16.80 | 89.1 | 18.15 | 96.3 | 19.50 | 103.5 | 20.85 | 110.5 | 21.90 | 118.8 | 23.34 | 124.2 | 23.28 | 126.9 | 23.22 |
| | 15 | 81.9 | 17.28 | 89.1 | 18.69 | 96.3 | 20.07 | 103.5 | 21.48 | 110.5 | 22.59 | 117.9 | 23.85 | 123.3 | 23.76 | 126.0 | 23.73 |
| | 21 | 81.9 | 18.21 | 89.1 | 19.71 | 96.3 | 21.18 | 103.5 | 22.65 | 110.5 | 23.88 | 116.4 | 24.75 | 121.8 | 24.69 | 124.5 | 24.66 |
| | 23 | 81.9 | 18.63 | 89.1 | 20.13 | 96.3 | 21.66 | 103.5 | 23.16 | 110.5 | 24.45 | 115.5 | 25.14 | 120.9 | 25.08 | 123.6 | 25.05 |
| | 25 | 81.9 | 19.08 | 89.1 | 20.64 | 96.3 | 22.17 | 103.5 | 23.73 | 110.5 | 25.08 | 114.9 | 25.56 | 120.0 | 25.62 | 122.4 | 25.74 |
| | 27 | 81.9 | 19.59 | 89.1 | 21.18 | 96.3 | 22.77 | 103.5 | 24.39 | 110.5 | 25.95 | 113.4 | 26.34 | 118.2 | 26.61 | 120.6 | 26.73 |
| | 30 | 81.9 | 20.46 | 89.1 | 22.11 | 96.3 | 23.79 | 103.5 | 26.10 | 108.6 | 27.66 | 111.0 | 27.81 | 115.5 | 28.11 | 117.9 | 28.23 |
| | 33 | 81.9 | 21.45 | 89.1 | 23.34 | 96.3 | 25.92 | 102.9 | 28.38 | 106.0 | 29.13 | 108.3 | 29.28 | 112.8 | 29.58 | 114.9 | 29.73 |
| | 35 | 81.9 | 22.20 | 89.1 | 24.78 | 96.3 | 27.54 | 101.4 | 29.34 | 104.2 | 30.15 | 106.2 | 30.33 | 110.7 | 30.69 | 112.8 | 30.87 |
| | 37 | 81.9 | 23.55 | 89.1 | 26.37 | 96.3 | 29.43 | 99.6 | 30.39 | 102.2 | 31.26 | 104.4 | 31.47 | 108.6 | 31.86 | 110.7 | 32.04 |
| | 40 | 81.9 | 25.98 | 89.1 | 29.19 | 94.8 | 31.71 | 96.9 | 31.95 | 99.3 | 32.94 | 101.4 | 33.15 | 105.6 | 33.60 | 107.7 | 33.81 |
| | 43 | 81.9 | 28.74 | 89.1 | 32.34 | 92.1 | 33.30 | 94.2 | 33.57 | 96.3 | 34.65 | 98.4 | 34.89 | 102.6 | 35.34 | 104.4 | 35.58 |
| | 46 | 81.9 | 31.80 | 87.6 | 34.62 | 89.4 | 34.89 | 91.5 | 35.19 | 93.3 | 36.36 | 95.4 | 36.63 | 99.3 | 37.14 | 101.4 | 37.38 |
| 100.5 (100%) | 10 | 74.7 | 15.39 | 81.0 | 16.62 | 87.6 | 17.85 | 93.9 | 19.08 | 100.5 | 20.04 | 108.9 | 21.63 | 120.6 | 23.34 | 123.3 | 23.28 |
| | 15 | 74.7 | 15.81 | 81.0 | 17.10 | 87.6 | 18.36 | 93.9 | 19.62 | 100.5 | 20.64 | 108.9 | 22.29 | 120.0 | 23.82 | 122.4 | 23.79 |
| | 21 | 74.7 | 16.68 | 81.0 | 18.03 | 87.6 | 19.35 | 93.9 | 20.70 | 100.5 | 21.84 | 108.9 | 23.58 | 118.2 | 24.75 | 120.9 | 24.72 |
| | 23 | 74.7 | 17.04 | 81.0 | 18.42 | 87.6 | 19.80 | 93.9 | 21.18 | 100.5 | 22.35 | 108.9 | 24.12 | 117.6 | 25.14 | 120.3 | 25.11 |
| | 25 | 74.7 | 17.46 | 81.0 | 18.87 | 87.6 | 20.28 | 93.9 | 21.69 | 100.5 | 22.92 | 108.9 | 24.75 | 117.0 | 25.56 | 119.4 | 25.59 |
| | 27 | 74.7 | 17.91 | 81.0 | 19.38 | 87.6 | 20.82 | 93.9 | 22.26 | 100.5 | 23.55 | 108.9 | 25.44 | 115.2 | 26.46 | 117.6 | 26.58 |
| | 30 | 74.7 | 18.69 | 81.0 | 20.22 | 87.6 | 21.75 | 93.9 | 23.25 | 100.5 | 24.93 | 108.3 | 27.63 | 112.8 | 27.93 | 114.9 | 28.08 |
| | 33 | 74.7 | 19.62 | 81.0 | 21.21 | 87.6 | 22.80 | 93.9 | 25.08 | 100.5 | 27.42 | 105.6 | 29.10 | 110.1 | 29.43 | 112.2 | 29.55 |
| | 35 | 74.7 | 20.31 | 81.0 | 21.96 | 87.6 | 24.18 | 93.9 | 26.64 | 100.5 | 29.25 | 103.8 | 30.12 | 108.3 | 30.48 | 110.4 | 30.66 |
| | 37 | 74.7 | 21.03 | 81.0 | 23.19 | 87.6 | 25.68 | 93.9 | 28.44 | 99.9 | 31.02 | 102.0 | 31.23 | 106.2 | 31.62 | 108.3 | 31.83 |
| | 40 | 74.7 | 22.86 | 81.0 | 25.56 | 87.6 | 28.44 | 93.9 | 31.50 | 97.1 | 32.70 | 99.3 | 32.91 | 103.2 | 33.36 | 105.3 | 33.57 |
| | 43 | 74.7 | 25.23 | 81.0 | 28.26 | 87.6 | 31.47 | 91.5 | 33.21 | 94.2 | 34.38 | 96.3 | 34.62 | 100.2 | 35.10 | 102.3 | 35.34 |
| | 46 | 74.7 | 27.87 | 81.0 | 31.26 | 87.0 | 34.56 | 89.1 | 34.83 | 91.3 | 36.09 | 93.3 | 36.36 | 97.2 | 36.87 | 99.3 | 37.11 |

MODEL SELECTION

| Cooling capacity at rated condition: 100.5 kW (36HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 90.4 (90%) | 10 | 67.2 | 13.95 | 72.9 | 15.06 | 78.9 | 16.17 | 84.6 | 17.28 | 90.4 | 18.15 | 98.1 | 19.59 | 113.4 | 22.47 | 119.1 | 23.34 |
| | 15 | 67.2 | 14.37 | 72.9 | 15.51 | 78.9 | 16.65 | 84.6 | 17.79 | 90.4 | 18.72 | 98.1 | 20.19 | 113.4 | 23.16 | 118.5 | 23.85 |
| | 21 | 67.2 | 15.12 | 72.9 | 16.35 | 78.9 | 17.55 | 84.6 | 18.75 | 90.4 | 19.77 | 98.1 | 21.33 | 113.4 | 24.48 | 117.0 | 24.75 |
| | 23 | 67.2 | 15.45 | 72.9 | 16.71 | 78.9 | 17.94 | 84.6 | 19.17 | 90.4 | 20.22 | 98.1 | 21.84 | 113.4 | 25.05 | 116.4 | 25.14 |
| | 25 | 67.2 | 15.84 | 72.9 | 17.10 | 78.9 | 18.39 | 84.6 | 19.65 | 90.4 | 20.73 | 98.1 | 22.38 | 113.1 | 25.59 | 115.5 | 25.56 |
| | 27 | 67.2 | 16.26 | 72.9 | 17.55 | 78.9 | 18.87 | 84.6 | 20.16 | 90.4 | 21.33 | 98.1 | 23.01 | 111.9 | 26.25 | 114.3 | 26.37 |
| | 30 | 67.2 | 16.95 | 72.9 | 18.33 | 78.9 | 19.68 | 84.6 | 21.06 | 90.4 | 22.29 | 98.1 | 24.09 | 109.5 | 27.72 | 111.6 | 27.87 |
| | 33 | 67.2 | 17.79 | 72.9 | 19.20 | 78.9 | 20.64 | 84.6 | 22.08 | 90.4 | 23.67 | 98.1 | 26.52 | 107.1 | 29.19 | 109.2 | 29.34 |
| | 35 | 67.2 | 18.39 | 72.9 | 19.89 | 78.9 | 21.36 | 84.6 | 23.13 | 90.4 | 25.20 | 98.1 | 28.23 | 105.3 | 30.24 | 107.4 | 30.42 |
| | 37 | 67.2 | 19.05 | 72.9 | 20.61 | 78.9 | 22.35 | 84.6 | 24.54 | 90.4 | 26.88 | 98.1 | 30.27 | 103.5 | 31.38 | 105.3 | 31.56 |
| | 40 | 67.2 | 20.22 | 72.9 | 22.20 | 78.9 | 24.60 | 84.6 | 27.12 | 90.4 | 29.85 | 96.6 | 32.64 | 100.5 | 33.06 | 102.6 | 33.27 |
| | 43 | 67.2 | 21.99 | 72.9 | 24.51 | 78.9 | 27.18 | 84.6 | 30.00 | 90.4 | 33.12 | 93.9 | 34.32 | 97.8 | 34.80 | 99.6 | 35.04 |
| | 46 | 67.2 | 24.27 | 72.9 | 27.06 | 78.9 | 30.06 | 84.6 | 33.24 | 89.1 | 35.79 | 90.9 | 36.03 | 94.8 | 36.54 | 96.6 | 36.81 |
| 80.4 (80%) | 10 | 59.7 | 12.54 | 64.8 | 13.53 | 69.9 | 14.52 | 75.3 | 15.51 | 80.4 | 16.26 | 87.3 | 17.55 | 100.8 | 20.10 | 107.7 | 21.36 |
| | 15 | 59.7 | 12.90 | 64.8 | 13.92 | 69.9 | 14.94 | 75.3 | 15.96 | 80.4 | 16.77 | 87.3 | 18.09 | 100.8 | 20.70 | 107.7 | 22.02 |
| | 21 | 59.7 | 13.59 | 64.8 | 14.67 | 69.9 | 15.75 | 75.3 | 16.80 | 80.4 | 17.70 | 87.3 | 19.11 | 100.8 | 21.90 | 107.7 | 23.28 |
| | 23 | 59.7 | 13.89 | 64.8 | 14.97 | 69.9 | 16.08 | 75.3 | 17.19 | 80.4 | 18.12 | 87.3 | 19.56 | 100.8 | 22.41 | 107.7 | 23.85 |
| | 25 | 59.7 | 14.22 | 64.8 | 15.33 | 69.9 | 16.47 | 75.3 | 17.61 | 80.4 | 18.57 | 87.3 | 20.04 | 100.8 | 22.98 | 107.7 | 24.45 |
| | 27 | 59.7 | 14.58 | 64.8 | 15.75 | 69.9 | 16.89 | 75.3 | 18.06 | 80.4 | 19.08 | 87.3 | 20.61 | 100.8 | 23.61 | 107.7 | 25.14 |
| | 30 | 59.7 | 15.21 | 64.8 | 16.41 | 69.9 | 17.64 | 75.3 | 18.87 | 80.4 | 19.95 | 87.3 | 21.54 | 100.8 | 25.05 | 107.7 | 27.51 |
| | 33 | 59.7 | 15.93 | 64.8 | 17.22 | 69.9 | 18.48 | 75.3 | 19.77 | 80.4 | 20.97 | 87.3 | 22.62 | 100.8 | 27.57 | 105.6 | 29.10 |
| | 35 | 59.7 | 16.47 | 64.8 | 17.82 | 69.9 | 19.14 | 75.3 | 20.46 | 80.4 | 21.72 | 87.3 | 24.00 | 100.8 | 29.37 | 103.8 | 30.12 |
| | 37 | 59.7 | 17.07 | 64.8 | 18.45 | 69.9 | 19.83 | 75.3 | 21.21 | 80.4 | 22.92 | 87.3 | 25.53 | 100.2 | 31.05 | 102.0 | 31.23 |
| | 40 | 59.7 | 18.12 | 64.8 | 19.56 | 69.9 | 21.06 | 75.3 | 23.13 | 80.4 | 25.29 | 87.3 | 28.32 | 97.5 | 32.73 | 99.3 | 32.94 |
| | 43 | 59.7 | 19.38 | 64.8 | 21.06 | 69.9 | 23.25 | 75.3 | 25.53 | 80.4 | 28.02 | 87.3 | 31.44 | 94.8 | 34.44 | 96.6 | 34.68 |
| | 46 | 59.7 | 20.91 | 64.8 | 23.22 | 69.9 | 25.65 | 75.3 | 28.20 | 80.4 | 31.05 | 87.3 | 34.89 | 91.8 | 36.18 | 93.9 | 36.42 |
| 70.3 (70%) | 10 | 52.2 | 11.13 | 56.7 | 12.00 | 61.2 | 12.87 | 65.7 | 13.71 | 70.3 | 14.40 | 76.2 | 15.51 | 88.2 | 17.73 | 94.2 | 18.84 |
| | 15 | 52.2 | 11.43 | 56.7 | 12.33 | 61.2 | 13.23 | 65.7 | 14.10 | 70.3 | 14.82 | 76.2 | 15.96 | 88.2 | 18.27 | 94.2 | 19.44 |
| | 21 | 52.2 | 12.03 | 56.7 | 12.99 | 61.2 | 13.92 | 65.7 | 14.85 | 70.3 | 15.66 | 76.2 | 16.86 | 88.2 | 19.32 | 94.2 | 20.55 |
| | 23 | 52.2 | 12.30 | 56.7 | 13.26 | 61.2 | 14.22 | 65.7 | 15.18 | 70.3 | 15.99 | 76.2 | 17.25 | 88.2 | 19.77 | 94.2 | 21.00 |
| | 25 | 52.2 | 12.60 | 56.7 | 13.59 | 61.2 | 14.58 | 65.7 | 15.54 | 70.3 | 16.41 | 76.2 | 17.70 | 88.2 | 20.25 | 94.2 | 21.54 |
| | 27 | 52.2 | 12.90 | 56.7 | 13.92 | 61.2 | 14.94 | 65.7 | 15.96 | 70.3 | 16.86 | 76.2 | 18.18 | 88.2 | 20.82 | 94.2 | 22.14 |
| | 30 | 52.2 | 13.47 | 56.7 | 14.52 | 61.2 | 15.60 | 65.7 | 16.65 | 70.3 | 17.61 | 76.2 | 18.99 | 88.2 | 21.78 | 94.2 | 23.16 |
| | 33 | 52.2 | 14.10 | 56.7 | 15.21 | 61.2 | 16.35 | 65.7 | 17.46 | 70.3 | 18.48 | 76.2 | 19.95 | 88.2 | 22.89 | 94.2 | 25.05 |
| | 35 | 52.2 | 14.58 | 56.7 | 15.75 | 61.2 | 16.89 | 65.7 | 18.06 | 70.3 | 19.14 | 76.2 | 20.67 | 88.2 | 24.36 | 94.2 | 26.67 |
| | 37 | 52.2 | 15.09 | 56.7 | 16.29 | 61.2 | 17.52 | 65.7 | 18.72 | 70.3 | 19.86 | 76.2 | 21.45 | 88.2 | 25.95 | 94.2 | 28.50 |
| | 40 | 52.2 | 15.99 | 56.7 | 17.28 | 61.2 | 18.57 | 65.7 | 19.86 | 70.3 | 21.18 | 76.2 | 23.58 | 88.2 | 28.80 | 94.2 | 31.68 |
| | 43 | 52.2 | 17.13 | 56.7 | 18.51 | 61.2 | 19.89 | 65.7 | 21.45 | 70.3 | 23.43 | 76.2 | 26.10 | 88.2 | 31.95 | 93.0 | 34.23 |
| | 46 | 52.2 | 18.42 | 56.7 | 19.92 | 61.2 | 21.60 | 65.7 | 23.64 | 70.3 | 25.89 | 76.2 | 28.89 | 88.2 | 35.49 | 90.3 | 35.94 |
| 60.3 (60%) | 10 | 44.7 | 9.72 | 48.6 | 10.47 | 52.5 | 11.19 | 56.4 | 11.94 | 60.3 | 12.51 | 65.4 | 13.47 | 75.6 | 15.39 | 80.7 | 16.35 |
| | 15 | 44.7 | 9.99 | 48.6 | 10.74 | 52.5 | 11.52 | 56.4 | 12.27 | 60.3 | 12.87 | 65.4 | 13.86 | 75.6 | 15.84 | 80.7 | 16.83 |
| | 21 | 44.7 | 10.50 | 48.6 | 11.31 | 52.5 | 12.12 | 56.4 | 12.90 | 60.3 | 13.59 | 65.4 | 14.64 | 75.6 | 16.74 | 80.7 | 17.79 |
| | 23 | 44.7 | 10.71 | 48.6 | 11.55 | 52.5 | 12.36 | 56.4 | 13.20 | 60.3 | 13.89 | 65.4 | 14.97 | 75.6 | 17.10 | 80.7 | 18.18 |
| | 25 | 44.7 | 10.98 | 48.6 | 11.82 | 52.5 | 12.66 | 56.4 | 13.50 | 60.3 | 14.25 | 65.4 | 15.33 | 75.6 | 17.55 | 80.7 | 18.66 |
| | 27 | 44.7 | 11.25 | 48.6 | 12.12 | 52.5 | 12.99 | 56.4 | 13.86 | 60.3 | 14.61 | 65.4 | 15.75 | 75.6 | 18.03 | 80.7 | 19.17 |
| | 30 | 44.7 | 11.73 | 48.6 | 12.63 | 52.5 | 13.53 | 56.4 | 14.46 | 60.3 | 15.27 | 65.4 | 16.47 | 75.6 | 18.84 | 80.7 | 20.04 |
| | 33 | 44.7 | 12.27 | 48.6 | 13.23 | 52.5 | 14.19 | 56.4 | 15.15 | 60.3 | 16.02 | 65.4 | 17.28 | 75.6 | 19.80 | 80.7 | 21.03 |
| | 35 | 44.7 | 12.66 | 48.6 | 13.65 | 52.5 | 14.67 | 56.4 | 15.66 | 60.3 | 16.59 | 65.4 | 17.88 | 75.6 | 20.49 | 80.7 | 21.81 |
| | 37 | 44.7 | 13.11 | 48.6 | 14.16 | 52.5 | 15.18 | 56.4 | 16.23 | 60.3 | 17.22 | 65.4 | 18.57 | 75.6 | 21.27 | 80.7 | 23.04 |
| | 40 | 44.7 | 13.89 | 48.6 | 15.00 | 52.5 | 16.08 | 56.4 | 17.19 | 60.3 | 18.27 | 65.4 | 19.71 | 75.6 | 23.28 | 80.7 | 25.44 |
| | 43 | 44.7 | 14.85 | 48.6 | 16.02 | 52.5 | 17.22 | 56.4 | 18.39 | 60.3 | 19.59 | 65.4 | 21.33 | 75.6 | 25.77 | 80.7 | 28.20 |
| | 46 | 44.7 | 15.96 | 48.6 | 17.25 | 52.5 | 18.51 | 56.4 | 19.80 | 60.3 | 21.24 | 65.4 | 23.55 | 75.6 | 28.53 | 80.7 | 31.26 |
| 50.3 (50%) | 10 | 37.2 | 8.31 | 40.5 | 8.91 | 43.8 | 9.54 | 47.1 | 10.14 | 50.3 | 10.62 | 54.6 | 11.43 | 63.0 | 13.02 | 67.2 | 13.83 |
| | 15 | 37.2 | 8.52 | 40.5 | 9.15 | 43.8 | 9.81 | 47.1 | 10.44 | 50.3 | 10.95 | 54.6 | 11.76 | 63.0 | 13.41 | 67.2 | 14.22 |
| | 21 | 37.2 | 8.94 | 40.5 | 9.63 | 43.8 | 10.29 | 47.1 | 10.98 | 50.3 | 11.52 | 54.6 | 12.39 | 63.0 | 14.16 | 67.2 | 15.03 |
| | 23 | 37.2 | 9.15 | 40.5 | 9.81 | 43.8 | 10.50 | 47.1 | 11.19 | 50.3 | 11.79 | 54.6 | 12.69 | 63.0 | 14.46 | 67.2 | 15.36 |
| | 25 | 37.2 | 9.33 | 40.5 | 10.05 | 43.8 | 10.74 | 47.1 | 11.46 | 50.3 | 12.06 | 54.6 | 12.99 | 63.0 | 14.82 | 67.2 | 15.75 |
| | 27 | 37.2 | 9.57 | 40.5 | 10.29 | 43.8 | 11.04 | 47.1 | 11.76 | 50.3 | 12.39 | 54.6 | 13.35 | 63.0 | 15.21 | 67.2 | 16.17 |
| | 30 | 37.2 | 9.96 | 40.5 | 10.74 | 43.8 | 11.49 | 47.1 | 12.24 | 50.3 | 12.93 | 54.6 | 13.92 | 63.0 | 15.90 | 67.2 | 16.89 |
| | 33 | 37.2 | 10.41 | 40.5 | 11.22 | 43.8 | 12.03 | 47.1 | 12.81 | 50.3 | 13.56 | 54.6 | 14.61 | 63.0 | 16.71 | 67.2 | 17.73 |
| | 35 | 37.2 | 10.77 | 40.5 | 11.58 | 43.8 | 12.42 | 47.1 | 13.26 | 50.3 | 14.04 | 54.6 | 15.12 | 63.0 | 17.28 | 67.2 | 18.36 |
| | 37 | 37.2 | 11.13 | 40.5 | 12.00 | 43.8 | 12.87 | 47.1 | 13.71 | 50.3 | 14.55 | 54.6 | 15.69 | 63.0 | 17.94 | 67.2 | 19.05 |
| | 40 | 37.2 | 11.79 | 40.5 | 12.69 | 43.8 | 13.62 | 47.1 | 14.52 | 50.3 | 15.45 | 54.6 | 16.65 | 63.0 | 19.05 | 67.2 | 20.25 |
| | 43 | 37.2 | 12.57 | 40.5 | 13.56 | 43.8 | 14.55 | 47.1 | 15.54 | 50.3 | 16.53 | 54.6 | 17.85 | 63.0 | 20.43 | 67.2 | 22.11 |
| | 46 | 37.2 | 13.50 | 40.5 | 14.58 | 43.8 | 15.63 | 47.1 | 16.71 | 50.3 | 17.82 | 54.6 | 19.23 | 63.0 | 22.44 | 67.2 | 24.42 |

# ■ Model: AJ✱342GALDH



MODEL SELECTION

| Cooling capacity at rated condition: 106.5 kW (38HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 159.7 (150%) | 10 | 115.7 | 23.18 | 120.8 | 23.71 | 123.7 | 23.72 | 126.8 | 23.72 | 130.2 | 24.04 | 133.5 | 24.00 | 139.8 | 23.88 | 143.1 | 23.81 |
| | 15 | 115.4 | 23.76 | 119.9 | 24.18 | 122.9 | 24.19 | 125.9 | 24.20 | 129.2 | 24.54 | 132.3 | 24.51 | 138.6 | 24.40 | 141.9 | 24.34 |
| | 21 | 114.8 | 24.86 | 118.3 | 25.05 | 121.2 | 25.08 | 124.2 | 25.11 | 127.2 | 25.51 | 130.3 | 25.47 | 136.5 | 25.38 | 139.7 | 25.33 |
| | 23 | 114.4 | 25.33 | 117.6 | 25.42 | 120.5 | 25.46 | 123.4 | 25.48 | 126.4 | 25.90 | 129.4 | 25.87 | 135.3 | 25.91 | 138.3 | 25.95 |
| | 25 | 113.9 | 25.78 | 116.8 | 25.83 | 119.7 | 25.87 | 122.5 | 25.94 | 125.2 | 26.48 | 128.0 | 26.55 | 133.5 | 26.77 | 136.2 | 26.91 |
| | 27 | 113.0 | 26.31 | 115.6 | 26.43 | 118.3 | 26.57 | 121.1 | 26.69 | 123.5 | 27.31 | 126.1 | 27.46 | 131.3 | 27.77 | 133.9 | 27.92 |
| | 30 | 110.8 | 27.42 | 113.4 | 27.61 | 116.0 | 27.82 | 118.5 | 28.03 | 120.4 | 28.80 | 122.8 | 28.97 | 127.9 | 29.31 | 130.4 | 29.47 |
| | 33 | 108.2 | 28.80 | 110.7 | 29.04 | 113.1 | 29.27 | 115.5 | 29.51 | 117.1 | 30.35 | 119.6 | 30.54 | 124.4 | 30.93 | 126.9 | 31.11 |
| | 35 | 106.3 | 29.79 | 108.8 | 30.05 | 111.0 | 30.30 | 113.5 | 30.55 | 114.9 | 31.46 | 117.3 | 31.68 | 122.1 | 32.09 | 124.4 | 32.30 |
| | 37 | 104.4 | 30.83 | 106.6 | 31.10 | 109.1 | 31.37 | 111.3 | 31.62 | 112.6 | 32.60 | 115.1 | 32.83 | 119.6 | 33.27 | 122.1 | 33.48 |
| | 40 | 101.3 | 32.41 | 103.5 | 32.69 | 105.9 | 32.96 | 108.1 | 33.24 | 109.2 | 34.32 | 111.4 | 34.56 | 116.0 | 35.04 | 118.3 | 35.26 |
| | 43 | 98.2 | 33.99 | 100.3 | 34.28 | 102.5 | 34.58 | 104.9 | 34.87 | 105.7 | 36.05 | 107.9 | 36.31 | 112.4 | 36.81 | 114.6 | 37.06 |
| | 46 | 95.1 | 35.58 | 97.2 | 35.90 | 99.4 | 36.21 | 101.5 | 36.52 | 102.2 | 37.77 | 104.3 | 38.06 | 108.7 | 38.60 | 110.8 | 38.86 |
| 149.1 (140%) | 10 | 110.6 | 22.47 | 117.6 | 23.54 | 121.9 | 23.90 | 124.9 | 23.91 | 128.6 | 24.20 | 131.7 | 24.16 | 137.9 | 24.06 | 141.2 | 24.00 |
| | 15 | 110.5 | 23.10 | 117.2 | 24.13 | 121.0 | 24.37 | 124.0 | 24.38 | 127.6 | 24.71 | 130.7 | 24.67 | 137.0 | 24.58 | 140.1 | 24.51 |
| | 21 | 109.9 | 24.16 | 116.4 | 25.19 | 119.4 | 25.25 | 122.3 | 25.29 | 125.7 | 25.66 | 128.7 | 25.63 | 134.9 | 25.56 | 138.0 | 25.50 |
| | 23 | 109.6 | 24.60 | 115.9 | 25.60 | 118.7 | 25.63 | 121.6 | 25.66 | 124.9 | 26.06 | 128.0 | 26.03 | 133.9 | 26.01 | 136.7 | 26.06 |
| | 25 | 109.3 | 25.11 | 115.1 | 26.00 | 118.0 | 26.04 | 120.9 | 26.09 | 123.9 | 26.57 | 126.6 | 26.65 | 132.0 | 26.86 | 134.8 | 27.01 |
| | 27 | 109.0 | 25.68 | 114.1 | 26.54 | 116.7 | 26.66 | 119.5 | 26.80 | 122.2 | 27.38 | 124.8 | 27.55 | 129.9 | 27.86 | 132.5 | 28.01 |
| | 30 | 108.5 | 27.07 | 112.0 | 27.70 | 114.5 | 27.91 | 117.0 | 28.13 | 119.2 | 28.88 | 121.7 | 29.06 | 126.6 | 29.40 | 129.1 | 29.58 |
| | 33 | 107.0 | 28.89 | 109.4 | 29.14 | 111.7 | 29.38 | 114.1 | 29.61 | 116.0 | 30.44 | 118.4 | 30.63 | 123.3 | 31.03 | 125.7 | 31.22 |
| | 35 | 105.1 | 29.88 | 107.5 | 30.14 | 109.7 | 30.40 | 112.1 | 30.66 | 113.8 | 31.55 | 116.2 | 31.77 | 120.9 | 32.19 | 123.3 | 32.40 |
| | 37 | 103.1 | 30.93 | 105.4 | 31.20 | 107.8 | 31.47 | 110.0 | 31.72 | 111.6 | 32.69 | 114.0 | 32.92 | 118.6 | 33.37 | 121.0 | 33.58 |
| | 40 | 100.1 | 32.51 | 102.4 | 32.78 | 104.6 | 33.08 | 106.9 | 33.35 | 108.2 | 34.40 | 110.5 | 34.65 | 115.1 | 35.13 | 117.3 | 35.36 |
| | 43 | 97.1 | 34.09 | 99.3 | 34.39 | 101.5 | 34.70 | 103.7 | 34.99 | 104.8 | 36.13 | 107.0 | 36.40 | 111.4 | 36.91 | 113.7 | 37.16 |
| | 46 | 94.1 | 35.70 | 96.2 | 36.01 | 98.3 | 36.34 | 100.4 | 36.65 | 101.3 | 37.88 | 103.5 | 38.15 | 107.8 | 38.71 | 110.0 | 38.97 |
| 138.4 (130%) | 10 | 102.7 | 20.96 | 111.7 | 22.67 | 118.6 | 23.80 | 122.7 | 24.11 | 126.8 | 24.38 | 129.9 | 24.36 | 136.0 | 24.27 | 139.2 | 24.21 |
| | 15 | 102.7 | 21.56 | 111.7 | 23.33 | 118.3 | 24.38 | 121.9 | 24.59 | 125.9 | 24.90 | 128.8 | 24.86 | 135.1 | 24.80 | 138.1 | 24.74 |
| | 21 | 102.7 | 22.73 | 111.3 | 24.49 | 117.3 | 25.44 | 120.2 | 25.48 | 124.0 | 25.84 | 127.0 | 25.82 | 133.0 | 25.76 | 136.1 | 25.72 |
| | 23 | 102.7 | 23.24 | 111.1 | 24.95 | 116.8 | 25.83 | 119.6 | 25.86 | 123.3 | 26.24 | 126.2 | 26.23 | 132.2 | 26.18 | 135.0 | 26.20 |
| | 25 | 102.7 | 23.80 | 110.8 | 25.46 | 116.1 | 26.24 | 118.9 | 26.27 | 122.4 | 26.71 | 125.2 | 26.76 | 130.5 | 26.98 | 133.2 | 27.14 |
| | 27 | 102.7 | 24.43 | 110.5 | 26.04 | 115.1 | 26.78 | 117.8 | 26.90 | 120.8 | 27.49 | 123.5 | 27.66 | 128.4 | 27.99 | 131.0 | 28.15 |
| | 30 | 102.7 | 25.50 | 109.9 | 27.57 | 112.9 | 28.03 | 115.4 | 28.25 | 117.9 | 28.99 | 120.4 | 29.17 | 125.2 | 29.53 | 127.7 | 29.71 |
| | 33 | 102.6 | 27.69 | 107.9 | 29.25 | 110.1 | 29.49 | 112.6 | 29.73 | 114.8 | 30.56 | 117.2 | 30.77 | 122.0 | 31.15 | 124.4 | 31.36 |
| | 35 | 101.8 | 29.10 | 106.0 | 30.25 | 108.3 | 30.52 | 110.7 | 30.77 | 112.7 | 31.67 | 115.1 | 31.89 | 119.8 | 32.32 | 122.0 | 32.53 |
| | 37 | 101.1 | 30.65 | 104.1 | 31.32 | 106.3 | 31.59 | 108.6 | 31.86 | 110.5 | 32.80 | 112.8 | 33.04 | 117.5 | 33.49 | 119.7 | 33.71 |
| | 40 | 98.9 | 32.62 | 101.1 | 32.91 | 103.3 | 33.20 | 105.5 | 33.49 | 107.2 | 34.52 | 109.4 | 34.79 | 113.9 | 35.27 | 116.2 | 35.50 |
| | 43 | 95.9 | 34.23 | 98.1 | 34.54 | 100.2 | 34.83 | 102.4 | 35.13 | 103.8 | 36.26 | 106.0 | 36.53 | 110.4 | 37.05 | 112.6 | 37.31 |
| | 46 | 92.9 | 35.84 | 95.1 | 36.16 | 97.1 | 36.48 | 99.3 | 36.80 | 100.4 | 38.01 | 102.5 | 38.30 | 106.8 | 38.85 | 109.0 | 39.13 |
| 127.8 (120%) | 10 | 94.8 | 19.45 | 103.1 | 21.03 | 111.3 | 22.60 | 118.8 | 23.97 | 124.9 | 24.61 | 127.9 | 24.59 | 133.9 | 24.52 | 136.9 | 24.48 |
| | 15 | 94.8 | 20.01 | 103.0 | 21.63 | 111.3 | 23.27 | 118.5 | 24.57 | 123.9 | 25.12 | 126.9 | 25.10 | 132.9 | 25.05 | 136.0 | 25.00 |
| | 21 | 94.8 | 21.09 | 103.0 | 22.81 | 111.3 | 24.53 | 117.8 | 25.68 | 122.2 | 26.06 | 125.1 | 26.06 | 131.1 | 26.02 | 134.0 | 25.98 |
| | 23 | 94.8 | 21.55 | 103.0 | 23.31 | 111.3 | 25.07 | 117.3 | 26.11 | 121.5 | 26.47 | 124.4 | 26.46 | 130.2 | 26.43 | 133.1 | 26.40 |
| | 25 | 94.8 | 22.06 | 103.0 | 23.88 | 111.3 | 25.69 | 116.7 | 26.54 | 120.6 | 26.90 | 123.5 | 26.93 | 128.8 | 27.14 | 131.4 | 27.29 |
| | 27 | 94.8 | 22.65 | 103.0 | 24.51 | 111.1 | 26.30 | 115.8 | 27.07 | 119.3 | 27.64 | 121.8 | 27.81 | 126.7 | 28.16 | 129.3 | 28.32 |
| | 30 | 94.8 | 23.64 | 103.0 | 25.59 | 110.4 | 27.89 | 113.5 | 28.42 | 116.4 | 29.14 | 118.8 | 29.33 | 123.7 | 29.70 | 126.2 | 29.90 |
| | 33 | 94.8 | 24.88 | 103.0 | 27.87 | 108.6 | 29.67 | 110.9 | 29.91 | 113.4 | 30.72 | 115.8 | 30.92 | 120.5 | 31.33 | 122.9 | 31.53 |
| | 35 | 94.8 | 26.34 | 102.8 | 29.60 | 106.7 | 30.68 | 109.0 | 30.96 | 111.4 | 31.82 | 113.7 | 32.05 | 118.3 | 32.49 | 120.6 | 32.70 |
| | 37 | 94.8 | 28.13 | 102.0 | 31.18 | 104.8 | 31.77 | 107.0 | 32.05 | 109.3 | 32.96 | 111.6 | 33.20 | 116.0 | 33.67 | 118.3 | 33.89 |
| | 40 | 94.8 | 31.21 | 99.7 | 33.10 | 101.9 | 33.40 | 104.1 | 33.68 | 106.0 | 34.70 | 108.2 | 34.95 | 112.7 | 35.44 | 114.9 | 35.68 |
| | 43 | 93.9 | 33.96 | 96.8 | 34.73 | 99.0 | 35.04 | 101.1 | 35.35 | 102.7 | 36.44 | 104.9 | 36.71 | 109.2 | 37.24 | 111.4 | 37.49 |
| | 46 | 91.8 | 36.05 | 93.8 | 36.38 | 95.9 | 36.69 | 98.0 | 37.02 | 99.4 | 38.18 | 101.5 | 38.48 | 105.7 | 39.04 | 107.9 | 39.33 |
| 117.1 (110%) | 10 | 86.9 | 17.93 | 94.4 | 19.38 | 102.0 | 20.83 | 109.6 | 22.28 | 117.1 | 23.40 | 125.5 | 24.84 | 131.3 | 24.79 | 134.3 | 24.76 |
| | 15 | 86.9 | 18.44 | 94.4 | 19.94 | 102.0 | 21.43 | 109.6 | 22.93 | 117.1 | 24.12 | 124.6 | 25.35 | 130.4 | 25.31 | 133.4 | 25.28 |
| | 21 | 86.9 | 19.42 | 94.4 | 21.01 | 102.0 | 22.59 | 109.6 | 24.17 | 117.1 | 25.49 | 122.9 | 26.30 | 128.7 | 26.28 | 131.6 | 26.26 |
| | 23 | 86.9 | 19.86 | 94.4 | 21.47 | 102.0 | 23.09 | 109.6 | 24.70 | 117.1 | 26.09 | 122.1 | 26.71 | 127.8 | 26.69 | 130.7 | 26.68 |
| | 25 | 86.9 | 20.33 | 94.4 | 22.00 | 102.0 | 23.64 | 109.6 | 25.31 | 117.1 | 26.75 | 121.4 | 27.15 | 126.8 | 27.28 | 129.3 | 27.45 |
| | 27 | 86.9 | 20.86 | 94.4 | 22.57 | 102.0 | 24.27 | 109.6 | 25.99 | 116.8 | 27.53 | 119.9 | 27.95 | 124.8 | 28.31 | 127.3 | 28.49 |
| | 30 | 86.9 | 21.77 | 94.4 | 23.55 | 102.0 | 25.34 | 109.6 | 27.73 | 114.7 | 29.28 | 117.1 | 29.48 | 121.9 | 29.88 | 124.3 | 30.06 |
| | 33 | 86.9 | 22.82 | 94.4 | 24.78 | 102.0 | 27.46 | 108.9 | 30.15 | 111.8 | 30.88 | 114.2 | 31.09 | 118.8 | 31.50 | 121.1 | 31.71 |
| | 35 | 86.9 | 23.66 | 94.4 | 26.20 | 102.0 | 29.33 | 107.3 | 31.24 | 109.9 | 31.97 | 112.1 | 32.21 | 116.7 | 32.66 | 118.9 | 32.88 |
| | 37 | 86.9 | 24.89 | 94.4 | 27.99 | 102.0 | 31.41 | 105.4 | 32.35 | 107.8 | 33.12 | 110.0 | 33.38 | 114.4 | 33.85 | 116.6 | 34.07 |
| | 40 | 86.9 | 27.48 | 94.4 | 31.03 | 100.4 | 33.71 | 102.5 | 34.00 | 104.6 | 34.85 | 106.8 | 35.12 | 111.2 | 35.63 | 113.4 | 35.88 |
| | 43 | 86.9 | 30.45 | 94.4 | 34.47 | 97.4 | 35.38 | 99.6 | 35.68 | 101.5 | 36.61 | 103.6 | 36.89 | 107.9 | 37.43 | 109.9 | 37.69 |
| | 46 | 86.9 | 33.78 | 92.5 | 36.72 | 94.6 | 37.05 | 96.6 | 37.39 | 98.2 | 38.38 | 100.3 | 38.67 | 104.4 | 39.24 | 106.6 | 39.52 |
| 106.5 (100%) | 10 | 79.1 | 16.42 | 85.9 | 17.74 | 92.8 | 19.05 | 99.6 | 20.37 | 106.5 | 21.39 | 115.5 | 23.10 | 128.6 | 25.14 | 131.5 | 25.11 |
| | 15 | 79.1 | 16.88 | 85.9 | 18.23 | 92.8 | 19.59 | 99.6 | 20.95 | 106.5 | 22.03 | 115.5 | 23.80 | 127.8 | 25.66 | 130.6 | 25.64 |
| | 21 | 79.1 | 17.77 | 85.9 | 19.21 | 92.8 | 20.65 | 99.6 | 22.08 | 106.5 | 23.29 | 115.5 | 25.16 | 126.1 | 26.64 | 128.9 | 26.62 |
| | 23 | 79.1 | 18.16 | 85.9 | 19.64 | 92.8 | 21.10 | 99.6 | 22.58 | 106.5 | 23.84 | 115.5 | 25.74 | 125.4 | 27.05 | 128.2 | 27.04 |
| | 25 | 79.1 | 18.59 | 85.9 | 20.11 | 92.8 | 21.61 | 99.6 | 23.12 | 106.5 | 24.43 | 115.5 | 26.40 | 124.5 | 27.55 | 127.0 | 27.69 |
| | 27 | 79.1 | 19.08 | 85.9 | 20.64 | 92.8 | 22.18 | 99.6 | 23.72 | 106.5 | 25.11 | 115.5 | 27.14 | 122.7 | 28.56 | 125.1 | 28.73 |
| | 30 | 79.1 | 19.90 | 85.9 | 21.53 | 92.8 | 23.16 | 99.6 | 24.76 | 106.5 | 26.45 | 115.2 | 29.71 | 119.8 | 30.13 | 122.2 | 30.33 |
| | 33 | 79.1 | 20.86 | 85.9 | 22.57 | 92.8 | 24.27 | 99.6 | 26.51 | 106.5 | 29.21 | 112.3 | 31.34 | 116.9 | 31.78 | 119.1 | 31.98 |
| | 35 | 79.1 | 21.62 | 85.9 | 23.40 | 92.8 | 25.52 | 99.6 | 28.31 | 106.5 | 31.28 | 110.3 | 32.46 | 114.9 | 32.92 | 117.1 | 33.16 |
| | 37 | 79.1 | 22.45 | 85.9 | 24.55 | 92.8 | 27.23 | 99.6 | 30.30 | 106.1 | 33.32 | 108.4 | 33.62 | 112.7 | 34.11 | 114.9 | 34.36 |
| | 40 | 79.1 | 24.19 | 85.9 | 27.02 | 92.8 | 30.20 | 99.6 | 33.63 | 103.1 | 35.11 | 105.3 | 35.38 | 109.5 | 35.91 | 111.7 | 36.17 |
| | 43 | 79.1 | 26.60 | 85.9 | 29.93 | 92.8 | 33.51 | 97.3 | 35.57 | 100.0 | 36.87 | 102.2 | 37.17 | 106.3 | 37.73 | 108.4 | 37.99 |
| | 46 | 79.1 | 29.43 | 85.9 | 33.19 | 92.3 | 36.88 | 94.4 | 37.28 | 96.9 | 38.65 | 98.9 | 38.97 | 103.0 | 39.56 | 105.1 | 39.84 |

MODEL SELECTION

| Cooling capacity at rated condition: 106.5 kW (38HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 95.8 (90%) | 10 | 71.1 | 14.88 | 77.3 | 16.07 | 83.5 | 17.26 | 89.7 | 18.45 | 95.8 | 19.38 | 103.9 | 20.92 | 120.2 | 23.99 | 127.0 | 25.15 |
| | 15 | 71.1 | 15.31 | 77.3 | 16.54 | 83.5 | 17.76 | 89.7 | 18.98 | 95.8 | 19.97 | 103.9 | 21.55 | 120.2 | 24.72 | 126.2 | 25.67 |
| | 21 | 71.1 | 16.12 | 77.3 | 17.42 | 83.5 | 18.71 | 89.7 | 20.00 | 95.8 | 21.09 | 103.9 | 22.76 | 120.2 | 26.13 | 124.6 | 26.63 |
| | 23 | 71.1 | 16.47 | 77.3 | 17.80 | 83.5 | 19.12 | 89.7 | 20.44 | 95.8 | 21.57 | 103.9 | 23.29 | 120.2 | 26.74 | 123.9 | 27.05 |
| | 25 | 71.1 | 16.86 | 77.3 | 18.22 | 83.5 | 19.59 | 89.7 | 20.94 | 95.8 | 22.12 | 103.9 | 23.88 | 120.1 | 27.38 | 123.1 | 27.49 |
| | 27 | 71.1 | 17.30 | 77.3 | 18.69 | 83.5 | 20.10 | 89.7 | 21.48 | 95.8 | 22.73 | 103.9 | 24.54 | 119.1 | 28.28 | 121.5 | 28.45 |
| | 30 | 71.1 | 18.03 | 77.3 | 19.50 | 83.5 | 20.96 | 89.7 | 22.42 | 95.8 | 23.75 | 103.9 | 25.68 | 116.4 | 29.84 | 118.8 | 30.04 |
| | 33 | 71.1 | 18.90 | 77.3 | 20.43 | 83.5 | 21.96 | 89.7 | 23.50 | 95.8 | 25.11 | 103.9 | 28.18 | 113.7 | 31.47 | 115.9 | 31.68 |
| | 35 | 71.1 | 19.58 | 77.3 | 21.18 | 83.5 | 22.77 | 89.7 | 24.52 | 95.8 | 26.71 | 103.9 | 30.14 | 111.8 | 32.61 | 113.9 | 32.83 |
| | 37 | 71.1 | 20.33 | 77.3 | 22.00 | 83.5 | 23.77 | 89.7 | 25.95 | 95.8 | 28.58 | 103.9 | 32.36 | 109.8 | 33.79 | 111.8 | 34.03 |
| | 40 | 71.1 | 21.62 | 77.3 | 23.59 | 83.5 | 25.95 | 89.7 | 28.75 | 95.8 | 31.78 | 102.5 | 35.04 | 106.7 | 35.57 | 108.8 | 35.82 |
| | 43 | 71.1 | 23.36 | 77.3 | 25.80 | 83.5 | 28.73 | 89.7 | 31.87 | 95.8 | 35.35 | 99.6 | 36.81 | 103.7 | 37.37 | 105.6 | 37.65 |
| | 46 | 71.1 | 25.50 | 77.3 | 28.54 | 83.5 | 31.85 | 89.7 | 35.39 | 94.5 | 38.29 | 96.5 | 38.60 | 100.4 | 39.19 | 102.4 | 39.48 |
| 85.2 (80%) | 10 | 63.2 | 13.37 | 68.7 | 14.43 | 74.2 | 15.49 | 79.8 | 16.55 | 85.2 | 17.36 | 92.4 | 18.73 | 106.9 | 21.46 | 114.1 | 22.82 |
| | 15 | 63.2 | 13.75 | 68.7 | 14.84 | 74.2 | 15.93 | 79.8 | 17.02 | 85.2 | 17.89 | 92.4 | 19.30 | 106.9 | 22.11 | 114.1 | 23.52 |
| | 21 | 63.2 | 14.47 | 68.7 | 15.62 | 74.2 | 16.78 | 79.8 | 17.92 | 85.2 | 18.88 | 92.4 | 20.38 | 106.9 | 23.37 | 114.1 | 24.86 |
| | 23 | 63.2 | 14.78 | 68.7 | 15.95 | 74.2 | 17.13 | 79.8 | 18.32 | 85.2 | 19.32 | 92.4 | 20.85 | 106.9 | 23.90 | 114.1 | 25.44 |
| | 25 | 63.2 | 15.13 | 68.7 | 16.33 | 74.2 | 17.54 | 79.8 | 18.75 | 85.2 | 19.80 | 92.4 | 21.37 | 106.9 | 24.51 | 114.1 | 26.08 |
| | 27 | 63.2 | 15.51 | 68.7 | 16.76 | 74.2 | 17.99 | 79.8 | 19.23 | 85.2 | 20.33 | 92.4 | 21.96 | 106.9 | 25.19 | 114.1 | 26.81 |
| | 30 | 63.2 | 16.18 | 68.7 | 17.46 | 74.2 | 18.77 | 79.8 | 20.07 | 85.2 | 21.26 | 92.4 | 22.95 | 106.9 | 26.58 | 114.1 | 29.33 |
| | 33 | 63.2 | 16.93 | 68.7 | 18.30 | 74.2 | 19.67 | 79.8 | 21.03 | 85.2 | 22.33 | 92.4 | 24.11 | 106.9 | 29.37 | 112.1 | 31.32 |
| | 35 | 63.2 | 17.55 | 68.7 | 18.97 | 74.2 | 20.38 | 79.8 | 21.79 | 85.2 | 23.16 | 92.4 | 25.34 | 106.9 | 31.44 | 110.3 | 32.44 |
| | 37 | 63.2 | 18.21 | 68.7 | 19.69 | 74.2 | 21.16 | 79.8 | 22.65 | 85.2 | 24.31 | 92.4 | 27.08 | 106.3 | 33.37 | 108.4 | 33.62 |
| | 40 | 63.2 | 19.37 | 68.7 | 20.94 | 74.2 | 22.52 | 79.8 | 24.44 | 85.2 | 26.73 | 92.4 | 30.09 | 103.5 | 35.15 | 105.4 | 35.40 |
| | 43 | 63.2 | 20.73 | 68.7 | 22.49 | 74.2 | 24.52 | 79.8 | 26.92 | 85.2 | 29.66 | 92.4 | 33.45 | 100.5 | 36.94 | 102.4 | 37.21 |
| | 46 | 63.2 | 22.34 | 68.7 | 24.52 | 74.2 | 26.98 | 79.8 | 29.80 | 85.2 | 32.93 | 92.4 | 37.22 | 97.4 | 38.75 | 99.5 | 39.03 |
| 74.5 (70%) | 10 | 55.3 | 11.86 | 60.1 | 12.79 | 64.9 | 13.72 | 69.7 | 14.62 | 74.5 | 15.35 | 80.9 | 16.54 | 93.5 | 18.93 | 99.8 | 20.13 |
| | 15 | 55.3 | 12.18 | 60.1 | 13.14 | 64.9 | 14.09 | 69.7 | 15.04 | 74.5 | 15.81 | 80.9 | 17.04 | 93.5 | 19.50 | 99.8 | 20.74 |
| | 21 | 55.3 | 12.82 | 60.1 | 13.83 | 64.9 | 14.82 | 69.7 | 15.83 | 74.5 | 16.68 | 80.9 | 17.99 | 93.5 | 20.60 | 99.8 | 21.92 |
| | 23 | 55.3 | 13.09 | 60.1 | 14.11 | 64.9 | 15.15 | 69.7 | 16.17 | 74.5 | 17.05 | 80.9 | 18.39 | 93.5 | 21.08 | 99.8 | 22.41 |
| | 25 | 55.3 | 13.40 | 60.1 | 14.45 | 64.9 | 15.51 | 69.7 | 16.55 | 74.5 | 17.48 | 80.9 | 18.86 | 93.5 | 21.60 | 99.8 | 22.97 |
| | 27 | 55.3 | 13.73 | 60.1 | 14.82 | 64.9 | 15.90 | 69.7 | 16.99 | 74.5 | 17.95 | 80.9 | 19.37 | 93.5 | 22.20 | 99.8 | 23.61 |
| | 30 | 55.3 | 14.31 | 60.1 | 15.44 | 64.9 | 16.58 | 69.7 | 17.72 | 74.5 | 18.76 | 80.9 | 20.23 | 93.5 | 23.21 | 99.8 | 24.69 |
| | 33 | 55.3 | 14.98 | 60.1 | 16.17 | 64.9 | 17.37 | 69.7 | 18.56 | 74.5 | 19.69 | 80.9 | 21.26 | 93.5 | 24.39 | 99.8 | 26.51 |
| | 35 | 55.3 | 15.51 | 60.1 | 16.76 | 64.9 | 17.99 | 69.7 | 19.23 | 74.5 | 20.42 | 80.9 | 22.05 | 93.5 | 25.76 | 99.8 | 28.35 |
| | 37 | 55.3 | 16.09 | 60.1 | 17.38 | 64.9 | 18.69 | 69.7 | 19.97 | 74.5 | 21.23 | 80.9 | 22.92 | 93.5 | 27.55 | 99.8 | 30.38 |
| | 40 | 55.3 | 17.10 | 60.1 | 18.48 | 64.9 | 19.85 | 69.7 | 21.23 | 74.5 | 22.64 | 80.9 | 24.86 | 93.5 | 30.61 | 99.8 | 33.82 |
| | 43 | 55.3 | 18.31 | 60.1 | 19.79 | 64.9 | 21.27 | 69.7 | 22.86 | 74.5 | 24.69 | 80.9 | 27.53 | 93.5 | 34.03 | 98.6 | 36.68 |
| | 46 | 55.3 | 19.70 | 60.1 | 21.30 | 64.9 | 23.02 | 69.7 | 24.93 | 74.5 | 27.24 | 80.9 | 30.53 | 93.5 | 37.89 | 95.8 | 38.48 |
| 63.9 (60%) | 10 | 47.4 | 10.34 | 51.5 | 11.14 | 55.6 | 11.92 | 59.8 | 12.72 | 63.9 | 13.34 | 69.3 | 14.36 | 80.2 | 16.41 | 85.6 | 17.44 |
| | 15 | 47.4 | 10.63 | 51.5 | 11.44 | 55.6 | 12.26 | 59.8 | 13.07 | 63.9 | 13.72 | 69.3 | 14.77 | 80.2 | 16.90 | 85.6 | 17.96 |
| | 21 | 47.4 | 11.16 | 51.5 | 12.03 | 55.6 | 12.89 | 59.8 | 13.75 | 63.9 | 14.48 | 69.3 | 15.59 | 80.2 | 17.84 | 85.6 | 18.96 |
| | 23 | 47.4 | 11.40 | 51.5 | 12.28 | 55.6 | 13.16 | 59.8 | 14.05 | 63.9 | 14.79 | 69.3 | 15.94 | 80.2 | 18.23 | 85.6 | 19.39 |
| | 25 | 47.4 | 11.67 | 51.5 | 12.56 | 55.6 | 13.47 | 59.8 | 14.37 | 63.9 | 15.16 | 69.3 | 16.33 | 80.2 | 18.70 | 85.6 | 19.88 |
| | 27 | 47.4 | 11.95 | 51.5 | 12.88 | 55.6 | 13.81 | 59.8 | 14.74 | 63.9 | 15.56 | 69.3 | 16.77 | 80.2 | 19.21 | 85.6 | 20.42 |
| | 30 | 47.4 | 12.45 | 51.5 | 13.42 | 55.6 | 14.39 | 59.8 | 15.36 | 63.9 | 16.26 | 69.3 | 17.54 | 80.2 | 20.07 | 85.6 | 21.34 |
| | 33 | 47.4 | 13.02 | 51.5 | 14.04 | 55.6 | 15.07 | 59.8 | 16.09 | 63.9 | 17.05 | 69.3 | 18.39 | 80.2 | 21.08 | 85.6 | 22.41 |
| | 35 | 47.4 | 13.47 | 51.5 | 14.53 | 55.6 | 15.60 | 59.8 | 16.67 | 63.9 | 17.69 | 69.3 | 19.07 | 80.2 | 21.86 | 85.6 | 23.25 |
| | 37 | 47.4 | 13.98 | 51.5 | 15.09 | 55.6 | 16.19 | 59.8 | 17.30 | 63.9 | 18.38 | 69.3 | 19.83 | 80.2 | 22.73 | 85.6 | 24.42 |
| | 40 | 47.4 | 14.84 | 51.5 | 16.02 | 55.6 | 17.19 | 59.8 | 18.38 | 63.9 | 19.56 | 69.3 | 21.11 | 80.2 | 24.61 | 85.6 | 26.90 |
| | 43 | 47.4 | 15.87 | 51.5 | 17.14 | 55.6 | 18.42 | 59.8 | 19.67 | 63.9 | 20.97 | 69.3 | 22.74 | 80.2 | 27.19 | 85.6 | 29.85 |
| | 46 | 47.4 | 17.06 | 51.5 | 18.44 | 55.6 | 19.80 | 59.8 | 21.18 | 63.9 | 22.67 | 69.3 | 24.83 | 80.2 | 30.14 | 85.6 | 33.14 |
| 53.3 (50%) | 10 | 39.5 | 8.83 | 42.9 | 9.49 | 46.4 | 10.15 | 49.8 | 10.81 | 53.3 | 11.32 | 57.8 | 12.17 | 66.8 | 13.88 | 71.2 | 14.74 |
| | 15 | 39.5 | 9.06 | 42.9 | 9.74 | 46.4 | 10.43 | 49.8 | 11.11 | 53.3 | 11.65 | 57.8 | 12.52 | 66.8 | 14.29 | 71.2 | 15.16 |
| | 21 | 39.5 | 9.51 | 42.9 | 10.23 | 46.4 | 10.94 | 49.8 | 11.68 | 53.3 | 12.27 | 57.8 | 13.20 | 66.8 | 15.07 | 71.2 | 16.01 |
| | 23 | 39.5 | 9.71 | 42.9 | 10.44 | 46.4 | 11.18 | 49.8 | 11.91 | 53.3 | 12.54 | 57.8 | 13.50 | 66.8 | 15.41 | 71.2 | 16.37 |
| | 25 | 39.5 | 9.92 | 42.9 | 10.67 | 46.4 | 11.43 | 49.8 | 12.19 | 53.3 | 12.84 | 57.8 | 13.82 | 66.8 | 15.79 | 71.2 | 16.77 |
| | 27 | 39.5 | 10.17 | 42.9 | 10.93 | 46.4 | 11.72 | 49.8 | 12.50 | 53.3 | 13.18 | 57.8 | 14.19 | 66.8 | 16.21 | 71.2 | 17.23 |
| | 30 | 39.5 | 10.57 | 42.9 | 11.40 | 46.4 | 12.20 | 49.8 | 13.01 | 53.3 | 13.76 | 57.8 | 14.82 | 66.8 | 16.93 | 71.2 | 17.99 |
| | 33 | 39.5 | 11.05 | 42.9 | 11.91 | 46.4 | 12.76 | 49.8 | 13.61 | 53.3 | 14.42 | 57.8 | 15.54 | 66.8 | 17.77 | 71.2 | 18.89 |
| | 35 | 39.5 | 11.44 | 42.9 | 12.32 | 46.4 | 13.21 | 49.8 | 14.09 | 53.3 | 14.94 | 57.8 | 16.11 | 66.8 | 18.43 | 71.2 | 19.58 |
| | 37 | 39.5 | 11.86 | 42.9 | 12.78 | 46.4 | 13.71 | 49.8 | 14.62 | 53.3 | 15.52 | 57.8 | 16.73 | 66.8 | 19.15 | 71.2 | 20.36 |
| | 40 | 39.5 | 12.57 | 42.9 | 13.56 | 46.4 | 14.54 | 49.8 | 15.52 | 53.3 | 16.52 | 57.8 | 17.81 | 66.8 | 20.38 | 71.2 | 21.68 |
| | 43 | 39.5 | 13.43 | 42.9 | 14.49 | 46.4 | 15.55 | 49.8 | 16.61 | 53.3 | 17.69 | 57.8 | 19.09 | 66.8 | 21.86 | 71.2 | 23.47 |
| | 46 | 39.5 | 14.42 | 42.9 | 15.57 | 46.4 | 16.71 | 49.8 | 17.86 | 53.3 | 19.05 | 57.8 | 20.57 | 66.8 | 23.81 | 71.2 | 25.64 |

# ■ Model: AJ∗360GALDH

| Cooling capacity at rated condition: 112.0 kW (40HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 168.0 (150%) | 10 | 121.8 | 25.20 | 126.9 | 25.73 | 129.9 | 25.74 | 133.2 | 25.73 | 136.7 | 26.06 | 140.2 | 26.01 | 146.8 | 25.88 | 150.2 | 25.80 |
| | 15 | 121.5 | 25.85 | 125.9 | 26.23 | 129.1 | 26.24 | 132.2 | 26.25 | 135.6 | 26.60 | 138.9 | 26.57 | 145.5 | 26.44 | 148.9 | 26.37 |
| | 21 | 120.9 | 27.06 | 124.3 | 27.18 | 127.3 | 27.22 | 130.5 | 27.24 | 133.6 | 27.65 | 136.8 | 27.61 | 143.4 | 27.51 | 146.7 | 27.45 |
| | 23 | 120.4 | 27.56 | 123.6 | 27.58 | 126.6 | 27.62 | 129.6 | 27.64 | 132.7 | 28.08 | 135.9 | 28.04 | 142.2 | 28.04 | 145.3 | 28.09 |
| | 25 | 119.7 | 27.99 | 122.7 | 28.03 | 125.7 | 28.07 | 128.8 | 28.11 | 131.5 | 28.67 | 134.5 | 28.75 | 140.2 | 28.99 | 143.1 | 29.13 |
| | 27 | 118.8 | 28.52 | 121.5 | 28.66 | 124.3 | 28.81 | 127.3 | 28.95 | 129.7 | 29.59 | 132.4 | 29.75 | 137.9 | 30.08 | 140.7 | 30.24 |
| | 30 | 116.4 | 29.75 | 119.1 | 29.96 | 121.9 | 30.19 | 124.5 | 30.41 | 126.4 | 31.21 | 129.0 | 31.40 | 134.4 | 31.75 | 137.0 | 31.92 |
| | 33 | 113.7 | 31.25 | 116.3 | 31.51 | 118.9 | 31.76 | 121.4 | 32.02 | 123.1 | 32.89 | 125.6 | 33.09 | 130.7 | 33.51 | 133.3 | 33.70 |
| | 35 | 111.7 | 32.33 | 114.3 | 32.61 | 116.6 | 32.87 | 119.2 | 33.15 | 120.7 | 34.10 | 123.2 | 34.33 | 128.3 | 34.77 | 130.7 | 34.99 |
| | 37 | 109.7 | 33.47 | 112.0 | 33.76 | 114.6 | 34.04 | 116.9 | 34.32 | 118.3 | 35.34 | 120.9 | 35.59 | 125.7 | 36.06 | 128.3 | 36.28 |
| | 40 | 106.4 | 35.18 | 108.7 | 35.49 | 111.3 | 35.77 | 113.6 | 36.08 | 114.7 | 37.22 | 117.0 | 37.47 | 121.8 | 37.99 | 124.3 | 38.23 |
| | 43 | 103.2 | 36.91 | 105.4 | 37.22 | 107.7 | 37.54 | 110.2 | 37.85 | 111.0 | 39.10 | 113.3 | 39.38 | 118.1 | 39.92 | 120.4 | 40.19 |
| | 46 | 99.9 | 38.64 | 102.1 | 38.98 | 104.4 | 39.32 | 106.6 | 39.66 | 107.3 | 40.98 | 109.6 | 41.29 | 114.2 | 41.88 | 116.4 | 42.15 |
| 156.8 (140%) | 10 | 116.3 | 24.37 | 123.8 | 25.60 | 128.0 | 25.92 | 131.2 | 25.93 | 135.0 | 26.22 | 138.2 | 26.17 | 144.8 | 26.06 | 148.2 | 25.99 |
| | 15 | 116.2 | 25.05 | 123.4 | 26.24 | 127.0 | 26.42 | 130.2 | 26.43 | 134.0 | 26.78 | 137.2 | 26.73 | 143.8 | 26.63 | 147.1 | 26.55 |
| | 21 | 115.6 | 26.22 | 122.4 | 27.36 | 125.4 | 27.38 | 128.4 | 27.42 | 132.0 | 27.81 | 135.1 | 27.77 | 141.7 | 27.69 | 144.8 | 27.62 |
| | 23 | 115.3 | 26.71 | 121.7 | 27.76 | 124.7 | 27.80 | 127.7 | 27.82 | 131.1 | 28.24 | 134.4 | 28.20 | 140.7 | 28.13 | 143.6 | 28.20 |
| | 25 | 115.0 | 27.27 | 120.8 | 28.19 | 124.0 | 28.24 | 127.0 | 28.28 | 130.1 | 28.76 | 133.0 | 28.84 | 138.7 | 29.07 | 141.6 | 29.23 |
| | 27 | 114.7 | 27.90 | 119.9 | 28.75 | 122.6 | 28.89 | 125.6 | 29.04 | 128.4 | 29.66 | 131.1 | 29.83 | 136.4 | 30.16 | 139.2 | 30.32 |
| | 30 | 114.2 | 29.45 | 117.6 | 30.03 | 120.3 | 30.27 | 122.9 | 30.50 | 125.2 | 31.29 | 127.8 | 31.48 | 133.0 | 31.83 | 135.6 | 32.03 |
| | 33 | 112.4 | 31.34 | 114.9 | 31.60 | 117.3 | 31.86 | 119.8 | 32.10 | 121.9 | 32.97 | 124.4 | 33.18 | 129.5 | 33.59 | 132.1 | 33.80 |
| | 35 | 110.4 | 32.40 | 112.9 | 32.69 | 115.2 | 32.97 | 117.8 | 33.24 | 119.6 | 34.18 | 122.0 | 34.41 | 127.0 | 34.86 | 129.5 | 35.08 |
| | 37 | 108.3 | 33.55 | 110.7 | 33.84 | 113.2 | 34.13 | 115.5 | 34.39 | 117.2 | 35.42 | 119.7 | 35.67 | 124.6 | 36.15 | 127.1 | 36.37 |
| | 40 | 105.1 | 35.27 | 107.6 | 35.56 | 109.9 | 35.88 | 112.2 | 36.17 | 113.7 | 37.28 | 116.1 | 37.56 | 120.9 | 38.07 | 123.2 | 38.31 |
| | 43 | 102.0 | 36.99 | 104.3 | 37.31 | 106.6 | 37.65 | 108.9 | 37.96 | 110.1 | 39.17 | 112.4 | 39.46 | 117.0 | 40.01 | 119.4 | 40.28 |
| | 46 | 98.8 | 38.74 | 101.0 | 39.08 | 103.3 | 39.43 | 105.5 | 39.77 | 106.4 | 41.07 | 108.7 | 41.37 | 113.2 | 41.97 | 115.5 | 42.25 |
| 145.6 (130%) | 10 | 108.0 | 22.73 | 117.4 | 24.58 | 124.8 | 25.86 | 128.8 | 26.13 | 133.1 | 26.40 | 136.4 | 26.38 | 142.8 | 26.28 | 146.1 | 26.22 |
| | 15 | 108.0 | 23.38 | 117.4 | 25.30 | 124.5 | 26.50 | 127.9 | 26.64 | 132.1 | 26.97 | 135.2 | 26.92 | 141.8 | 26.85 | 144.9 | 26.79 |
| | 21 | 108.0 | 24.65 | 117.0 | 26.58 | 123.2 | 27.59 | 126.2 | 27.61 | 130.2 | 27.98 | 133.4 | 27.96 | 139.7 | 27.89 | 142.8 | 27.85 |
| | 23 | 108.0 | 25.20 | 116.8 | 27.08 | 122.6 | 27.99 | 125.5 | 28.03 | 129.4 | 28.42 | 132.5 | 28.40 | 138.8 | 28.35 | 141.8 | 28.33 |
| | 25 | 108.0 | 25.81 | 116.5 | 27.64 | 121.9 | 28.43 | 124.8 | 28.47 | 128.5 | 28.91 | 131.5 | 28.95 | 137.0 | 29.18 | 139.9 | 29.35 |
| | 27 | 108.0 | 26.50 | 116.2 | 28.28 | 120.9 | 28.99 | 123.7 | 29.13 | 126.9 | 29.75 | 129.7 | 29.94 | 134.9 | 30.28 | 137.6 | 30.45 |
| | 30 | 108.0 | 27.66 | 115.6 | 29.98 | 118.6 | 30.37 | 121.2 | 30.60 | 123.8 | 31.38 | 126.4 | 31.58 | 131.5 | 31.96 | 134.1 | 32.14 |
| | 33 | 107.9 | 30.05 | 113.3 | 31.70 | 115.6 | 31.96 | 118.2 | 32.21 | 120.6 | 33.08 | 123.0 | 33.31 | 128.1 | 33.71 | 130.7 | 33.93 |
| | 35 | 107.1 | 31.61 | 111.3 | 32.78 | 113.8 | 33.07 | 116.2 | 33.33 | 118.3 | 34.29 | 120.9 | 34.52 | 125.8 | 34.98 | 128.1 | 35.21 |
| | 37 | 106.4 | 33.34 | 109.3 | 33.94 | 111.6 | 34.23 | 114.1 | 34.52 | 116.0 | 35.52 | 118.5 | 35.77 | 123.4 | 36.26 | 125.7 | 36.49 |
| | 40 | 103.9 | 35.37 | 106.2 | 35.67 | 108.5 | 35.99 | 110.8 | 36.29 | 112.5 | 37.39 | 114.9 | 37.68 | 119.7 | 38.19 | 122.0 | 38.44 |
| | 43 | 100.7 | 37.11 | 103.0 | 37.44 | 105.2 | 37.76 | 107.5 | 38.08 | 109.0 | 39.29 | 111.3 | 39.58 | 116.0 | 40.14 | 118.3 | 40.42 |
| | 46 | 97.6 | 38.87 | 99.9 | 39.20 | 101.9 | 39.55 | 104.2 | 39.90 | 105.4 | 41.20 | 107.6 | 41.51 | 112.1 | 42.10 | 114.4 | 42.40 |
| 134.4 (120%) | 10 | 99.7 | 21.09 | 108.4 | 22.80 | 117.0 | 24.51 | 125.0 | 26.02 | 131.1 | 26.63 | 134.3 | 26.61 | 140.6 | 26.54 | 143.7 | 26.49 |
| | 15 | 99.7 | 21.70 | 108.3 | 23.45 | 117.0 | 25.23 | 124.7 | 26.67 | 130.1 | 27.19 | 133.2 | 27.17 | 139.4 | 27.11 | 142.7 | 27.06 |
| | 21 | 99.7 | 22.87 | 108.3 | 24.74 | 117.0 | 26.60 | 123.9 | 27.88 | 128.2 | 28.21 | 131.3 | 28.20 | 137.6 | 28.16 | 140.6 | 28.11 |
| | 23 | 99.7 | 23.38 | 108.3 | 25.29 | 117.0 | 27.20 | 123.2 | 28.29 | 127.5 | 28.65 | 130.6 | 28.64 | 136.6 | 28.60 | 139.7 | 28.56 |
| | 25 | 99.7 | 23.93 | 108.3 | 25.91 | 117.0 | 27.86 | 122.5 | 28.73 | 126.6 | 29.12 | 129.6 | 29.13 | 135.3 | 29.34 | 138.0 | 29.49 |
| | 27 | 99.7 | 24.57 | 108.3 | 26.59 | 116.8 | 28.54 | 121.6 | 29.29 | 125.2 | 29.89 | 127.8 | 30.08 | 133.0 | 30.45 | 135.7 | 30.62 |
| | 30 | 99.7 | 25.64 | 108.3 | 27.76 | 116.1 | 30.29 | 119.1 | 30.76 | 122.2 | 31.53 | 124.7 | 31.73 | 129.9 | 32.12 | 132.5 | 32.33 |
| | 33 | 99.7 | 26.98 | 108.3 | 30.24 | 114.0 | 32.12 | 116.4 | 32.37 | 119.1 | 33.24 | 121.6 | 33.45 | 126.5 | 33.88 | 129.1 | 34.09 |
| | 35 | 99.7 | 28.58 | 108.1 | 32.12 | 112.0 | 33.21 | 114.5 | 33.51 | 116.9 | 34.43 | 119.3 | 34.67 | 124.2 | 35.14 | 126.7 | 35.37 |
| | 37 | 99.7 | 30.52 | 107.3 | 33.87 | 110.0 | 34.39 | 112.3 | 34.69 | 114.7 | 35.67 | 117.2 | 35.93 | 121.8 | 36.43 | 124.3 | 36.66 |
| | 40 | 99.7 | 33.87 | 104.7 | 35.84 | 107.0 | 36.17 | 109.3 | 36.47 | 111.3 | 37.56 | 113.6 | 37.83 | 118.4 | 38.35 | 120.7 | 38.61 |
| | 43 | 98.8 | 36.91 | 101.6 | 37.62 | 103.9 | 37.95 | 106.2 | 38.28 | 107.9 | 39.46 | 110.1 | 39.75 | 114.7 | 40.32 | 117.0 | 40.58 |
| | 46 | 96.4 | 39.05 | 98.4 | 39.41 | 100.6 | 39.74 | 102.9 | 40.10 | 104.4 | 41.35 | 106.5 | 41.67 | 111.0 | 42.27 | 113.3 | 42.58 |
| 123.2 (110%) | 10 | 91.3 | 19.45 | 99.3 | 21.02 | 107.3 | 22.59 | 115.3 | 24.16 | 123.2 | 25.37 | 131.7 | 26.86 | 137.8 | 26.81 | 140.9 | 26.77 |
| | 15 | 91.3 | 20.00 | 99.3 | 21.63 | 107.3 | 23.24 | 115.3 | 24.87 | 123.2 | 26.15 | 130.7 | 27.42 | 136.8 | 27.37 | 139.9 | 27.34 |
| | 21 | 91.3 | 21.06 | 99.3 | 22.79 | 107.3 | 24.50 | 115.3 | 26.21 | 123.2 | 27.64 | 129.0 | 28.45 | 135.1 | 28.42 | 138.1 | 28.40 |
| | 23 | 91.3 | 21.54 | 99.3 | 23.28 | 107.3 | 25.05 | 115.3 | 26.79 | 123.2 | 28.29 | 128.1 | 28.89 | 134.1 | 28.86 | 137.1 | 28.85 |
| | 25 | 91.3 | 22.05 | 99.3 | 23.86 | 107.3 | 25.64 | 115.3 | 27.45 | 123.2 | 29.01 | 127.4 | 29.37 | 133.1 | 29.47 | 135.7 | 29.65 |
| | 27 | 91.3 | 22.63 | 99.3 | 24.48 | 107.3 | 26.32 | 115.3 | 28.19 | 122.9 | 29.85 | 125.8 | 30.21 | 131.0 | 30.59 | 133.7 | 30.77 |
| | 30 | 91.3 | 23.62 | 99.3 | 25.54 | 107.3 | 27.49 | 115.3 | 30.07 | 120.4 | 31.66 | 123.0 | 31.87 | 128.0 | 32.29 | 130.5 | 32.48 |
| | 33 | 91.3 | 24.76 | 99.3 | 26.88 | 107.3 | 29.80 | 114.4 | 32.64 | 117.4 | 33.39 | 119.9 | 33.61 | 124.8 | 34.04 | 127.1 | 34.26 |
| | 35 | 91.3 | 25.66 | 99.3 | 28.43 | 107.3 | 31.81 | 112.6 | 33.77 | 115.3 | 34.57 | 117.6 | 34.82 | 122.5 | 35.30 | 124.8 | 35.53 |
| | 37 | 91.3 | 27.01 | 99.3 | 30.37 | 107.3 | 34.07 | 110.6 | 34.97 | 113.1 | 35.82 | 115.5 | 36.09 | 120.1 | 36.59 | 122.4 | 36.83 |
| | 40 | 91.3 | 29.83 | 99.3 | 33.68 | 105.3 | 36.45 | 107.6 | 36.76 | 109.8 | 37.70 | 112.1 | 37.98 | 116.7 | 38.53 | 119.0 | 38.80 |
| | 43 | 91.3 | 33.06 | 99.3 | 37.41 | 102.2 | 38.26 | 104.5 | 38.59 | 106.5 | 39.61 | 108.7 | 39.91 | 113.3 | 40.48 | 115.3 | 40.76 |
| | 46 | 91.3 | 36.67 | 97.1 | 39.73 | 99.2 | 40.07 | 101.4 | 40.44 | 103.1 | 41.53 | 105.3 | 41.85 | 109.6 | 42.46 | 111.9 | 42.75 |
| 112.0 (100%) | 10 | 83.2 | 17.81 | 90.3 | 19.24 | 97.6 | 20.66 | 104.7 | 22.09 | 112.0 | 23.20 | 121.4 | 25.05 | 134.9 | 27.17 | 137.9 | 27.13 |
| | 15 | 83.2 | 18.30 | 90.3 | 19.78 | 97.6 | 21.25 | 104.7 | 22.72 | 112.0 | 23.89 | 121.4 | 25.81 | 134.1 | 27.73 | 136.9 | 27.71 |
| | 21 | 83.2 | 19.28 | 90.3 | 20.84 | 97.6 | 22.39 | 104.7 | 23.95 | 112.0 | 25.26 | 121.4 | 27.28 | 132.2 | 28.79 | 135.2 | 28.77 |
| | 23 | 83.2 | 19.70 | 90.3 | 21.30 | 97.6 | 22.89 | 104.7 | 24.49 | 112.0 | 25.85 | 121.4 | 27.91 | 131.5 | 29.23 | 134.5 | 29.22 |
| | 25 | 83.2 | 20.17 | 90.3 | 21.81 | 97.6 | 23.44 | 104.7 | 25.08 | 112.0 | 26.50 | 121.4 | 28.63 | 130.7 | 29.76 | 133.3 | 29.88 |
| | 27 | 83.2 | 20.69 | 90.3 | 22.39 | 97.6 | 24.06 | 104.7 | 25.73 | 112.0 | 27.23 | 121.4 | 29.42 | 128.7 | 30.83 | 131.3 | 31.01 |
| | 30 | 83.2 | 21.58 | 90.3 | 23.35 | 97.6 | 25.12 | 104.7 | 26.86 | 112.0 | 28.69 | 120.9 | 32.09 | 125.8 | 32.53 | 128.2 | 32.74 |
| | 33 | 83.2 | 22.63 | 90.3 | 24.48 | 97.6 | 26.32 | 104.7 | 28.77 | 112.0 | 31.67 | 117.8 | 33.84 | 122.7 | 34.31 | 125.0 | 34.52 |
| | 35 | 83.2 | 23.46 | 90.3 | 25.38 | 97.6 | 27.70 | 104.7 | 30.71 | 112.0 | 33.92 | 115.7 | 35.05 | 120.6 | 35.54 | 122.9 | 35.79 |
| | 37 | 83.2 | 24.35 | 90.3 | 26.64 | 97.6 | 29.55 | 104.7 | 32.87 | 111.4 | 36.03 | 113.7 | 36.31 | 118.3 | 36.83 | 120.6 | 37.10 |
| | 40 | 83.2 | 26.26 | 90.3 | 29.33 | 97.6 | 32.78 | 104.7 | 36.49 | 108.2 | 37.94 | 110.5 | 38.22 | 114.9 | 38.79 | 117.2 | 39.07 |
| | 43 | 83.2 | 28.88 | 90.3 | 32.49 | 97.6 | 36.37 | 102.0 | 38.44 | 104.9 | 39.85 | 107.2 | 40.16 | 111.5 | 40.76 | 113.8 | 41.05 |
| | 46 | 83.2 | 31.96 | 90.3 | 36.03 | 96.9 | 39.95 | 99.1 | 40.30 | 101.6 | 41.78 | 103.8 | 42.12 | 108.1 | 42.75 | 110.3 | 43.05 |

MODEL SELECTION

| Cooling capacity at rated condition: 112.0 kW (40HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 100.8 (90%) | 10 | 74.8 | 16.14 | 81.3 | 17.43 | 87.9 | 18.72 | 94.3 | 20.01 | 100.8 | 21.01 | 109.3 | 22.68 | 126.4 | 26.02 | 133.2 | 27.17 |
| | 15 | 74.8 | 16.61 | 81.3 | 17.94 | 87.9 | 19.26 | 94.3 | 20.59 | 100.8 | 21.66 | 109.3 | 23.37 | 126.4 | 26.81 | 132.4 | 27.74 |
| | 21 | 74.8 | 17.48 | 81.3 | 18.90 | 87.9 | 20.29 | 94.3 | 21.69 | 100.8 | 22.87 | 109.3 | 24.68 | 126.4 | 28.33 | 130.7 | 28.78 |
| | 23 | 74.8 | 17.86 | 81.3 | 19.31 | 87.9 | 20.74 | 94.3 | 22.17 | 100.8 | 23.39 | 109.3 | 25.26 | 126.4 | 28.99 | 130.0 | 29.23 |
| | 25 | 74.8 | 18.29 | 81.3 | 19.76 | 87.9 | 21.25 | 94.3 | 22.71 | 100.8 | 23.98 | 109.3 | 25.89 | 126.2 | 29.66 | 129.1 | 29.71 |
| | 27 | 74.8 | 18.77 | 81.3 | 20.27 | 87.9 | 21.80 | 94.3 | 23.30 | 100.8 | 24.65 | 109.3 | 26.61 | 125.0 | 30.53 | 127.6 | 30.71 |
| | 30 | 74.8 | 19.56 | 81.3 | 21.16 | 87.9 | 22.73 | 94.3 | 24.32 | 100.8 | 25.76 | 109.3 | 27.84 | 122.2 | 32.22 | 124.6 | 32.43 |
| | 33 | 74.8 | 20.51 | 81.3 | 22.16 | 87.9 | 23.82 | 94.3 | 25.49 | 100.8 | 27.23 | 109.3 | 30.56 | 119.4 | 33.98 | 121.7 | 34.20 |
| | 35 | 74.8 | 21.24 | 81.3 | 22.98 | 87.9 | 24.69 | 94.3 | 26.61 | 100.8 | 28.97 | 109.3 | 32.68 | 117.3 | 35.21 | 119.6 | 35.45 |
| | 37 | 74.8 | 22.05 | 81.3 | 23.86 | 87.9 | 25.78 | 94.3 | 28.16 | 100.8 | 31.00 | 109.3 | 35.09 | 115.3 | 36.50 | 117.3 | 36.75 |
| | 40 | 74.8 | 23.45 | 81.3 | 25.59 | 87.9 | 28.18 | 94.3 | 31.20 | 100.8 | 34.48 | 107.6 | 37.86 | 111.9 | 38.42 | 114.2 | 38.69 |
| | 43 | 74.8 | 25.35 | 81.3 | 28.02 | 87.9 | 31.19 | 94.3 | 34.59 | 100.8 | 38.35 | 104.5 | 39.78 | 108.8 | 40.38 | 110.8 | 40.68 |
| | 46 | 74.8 | 27.70 | 81.3 | 30.99 | 87.9 | 34.58 | 94.3 | 38.42 | 99.2 | 41.40 | 101.2 | 41.72 | 105.4 | 42.35 | 107.4 | 42.67 |
| 89.6 (80%) | 10 | 66.5 | 14.50 | 72.2 | 15.65 | 78.0 | 16.80 | 83.9 | 17.95 | 89.6 | 18.82 | 97.2 | 20.31 | 112.4 | 23.27 | 120.0 | 24.74 |
| | 15 | 66.5 | 14.91 | 72.2 | 16.10 | 78.0 | 17.28 | 83.9 | 18.46 | 89.6 | 19.40 | 97.2 | 20.93 | 112.4 | 23.97 | 120.0 | 25.50 |
| | 21 | 66.5 | 15.70 | 72.2 | 16.95 | 78.0 | 18.20 | 83.9 | 19.43 | 89.6 | 20.47 | 97.2 | 22.10 | 112.4 | 25.34 | 120.0 | 26.95 |
| | 23 | 66.5 | 16.04 | 72.2 | 17.30 | 78.0 | 18.58 | 83.9 | 19.87 | 89.6 | 20.95 | 97.2 | 22.61 | 112.4 | 25.92 | 120.0 | 27.59 |
| | 25 | 66.5 | 16.41 | 72.2 | 17.71 | 78.0 | 19.03 | 83.9 | 20.34 | 89.6 | 21.47 | 97.2 | 23.17 | 112.4 | 26.58 | 120.0 | 28.28 |
| | 27 | 66.5 | 16.83 | 72.2 | 18.18 | 78.0 | 19.51 | 83.9 | 20.86 | 89.6 | 22.05 | 97.2 | 23.82 | 112.4 | 27.31 | 120.0 | 29.07 |
| | 30 | 66.5 | 17.55 | 72.2 | 18.94 | 78.0 | 20.36 | 83.9 | 21.78 | 89.6 | 23.05 | 97.2 | 24.89 | 112.4 | 28.83 | 120.0 | 31.80 |
| | 33 | 66.5 | 18.37 | 72.2 | 19.86 | 78.0 | 21.33 | 83.9 | 22.81 | 89.6 | 24.22 | 97.2 | 26.14 | 112.4 | 31.85 | 117.7 | 33.83 |
| | 35 | 66.5 | 19.03 | 72.2 | 20.58 | 78.0 | 22.11 | 83.9 | 23.64 | 89.6 | 25.12 | 97.2 | 27.50 | 112.4 | 34.08 | 115.7 | 35.04 |
| | 37 | 66.5 | 19.75 | 72.2 | 21.35 | 78.0 | 22.95 | 83.9 | 24.56 | 89.6 | 26.37 | 97.2 | 29.38 | 111.6 | 36.06 | 113.7 | 36.31 |
| | 40 | 66.5 | 21.01 | 72.2 | 22.70 | 78.0 | 24.42 | 83.9 | 26.53 | 89.6 | 29.01 | 97.2 | 32.64 | 108.6 | 37.98 | 110.6 | 38.25 |
| | 43 | 66.5 | 22.48 | 72.2 | 24.39 | 78.0 | 26.63 | 83.9 | 29.23 | 89.6 | 32.19 | 97.2 | 36.30 | 105.5 | 39.92 | 107.5 | 40.22 |
| | 46 | 66.5 | 24.24 | 72.2 | 26.63 | 78.0 | 29.31 | 83.9 | 32.36 | 89.6 | 35.74 | 97.2 | 40.39 | 102.2 | 41.89 | 104.4 | 42.19 |
| 78.4 (70%) | 10 | 58.2 | 12.86 | 63.2 | 13.87 | 68.2 | 14.88 | 73.3 | 15.86 | 78.4 | 16.65 | 85.0 | 17.94 | 98.3 | 20.52 | 105.0 | 21.82 |
| | 15 | 58.2 | 13.21 | 63.2 | 14.25 | 68.2 | 15.29 | 73.3 | 16.31 | 78.4 | 17.14 | 85.0 | 18.47 | 98.3 | 21.14 | 105.0 | 22.49 |
| | 21 | 58.2 | 13.90 | 63.2 | 15.00 | 68.2 | 16.08 | 73.3 | 17.17 | 78.4 | 18.09 | 85.0 | 19.50 | 98.3 | 22.34 | 105.0 | 23.77 |
| | 23 | 58.2 | 14.20 | 63.2 | 15.31 | 68.2 | 16.43 | 73.3 | 17.54 | 78.4 | 18.49 | 85.0 | 19.94 | 98.3 | 22.86 | 105.0 | 24.30 |
| | 25 | 58.2 | 14.54 | 63.2 | 15.68 | 68.2 | 16.83 | 73.3 | 17.95 | 78.4 | 18.96 | 85.0 | 20.45 | 98.3 | 23.42 | 105.0 | 24.91 |
| | 27 | 58.2 | 14.89 | 63.2 | 16.07 | 68.2 | 17.25 | 73.3 | 18.43 | 78.4 | 19.47 | 85.0 | 21.01 | 98.3 | 24.07 | 105.0 | 25.60 |
| | 30 | 58.2 | 15.53 | 63.2 | 16.75 | 68.2 | 17.99 | 73.3 | 19.22 | 78.4 | 20.34 | 85.0 | 21.94 | 98.3 | 25.17 | 105.0 | 26.77 |
| | 33 | 58.2 | 16.25 | 63.2 | 17.54 | 68.2 | 18.85 | 73.3 | 20.14 | 78.4 | 21.35 | 85.0 | 23.05 | 98.3 | 26.44 | 105.0 | 28.76 |
| | 35 | 58.2 | 16.83 | 63.2 | 18.18 | 68.2 | 19.51 | 73.3 | 20.86 | 78.4 | 22.14 | 85.0 | 23.91 | 98.3 | 27.95 | 105.0 | 30.75 |
| | 37 | 58.2 | 17.45 | 63.2 | 18.85 | 68.2 | 20.27 | 73.3 | 21.66 | 78.4 | 23.01 | 85.0 | 24.85 | 98.3 | 29.88 | 105.0 | 32.95 |
| | 40 | 58.2 | 18.54 | 63.2 | 20.04 | 68.2 | 21.53 | 73.3 | 23.03 | 78.4 | 24.55 | 85.0 | 26.99 | 98.3 | 33.21 | 105.0 | 36.69 |
| | 43 | 58.2 | 19.86 | 63.2 | 21.46 | 68.2 | 23.07 | 73.3 | 24.80 | 78.4 | 26.81 | 85.0 | 29.89 | 98.3 | 36.92 | 103.5 | 39.65 |
| | 46 | 58.2 | 21.36 | 63.2 | 23.10 | 68.2 | 24.97 | 73.3 | 27.07 | 78.4 | 29.58 | 85.0 | 33.15 | 98.3 | 41.12 | 100.5 | 41.60 |
| 67.2 (60%) | 10 | 49.8 | 11.22 | 54.2 | 12.09 | 58.5 | 12.93 | 62.9 | 13.80 | 67.2 | 14.46 | 72.9 | 15.57 | 84.3 | 17.80 | 90.0 | 18.91 |
| | 15 | 49.8 | 11.53 | 54.2 | 12.41 | 58.5 | 13.30 | 62.9 | 14.18 | 67.2 | 14.88 | 72.9 | 16.02 | 84.3 | 18.32 | 90.0 | 19.47 |
| | 21 | 49.8 | 12.11 | 54.2 | 13.05 | 58.5 | 13.99 | 62.9 | 14.91 | 67.2 | 15.70 | 72.9 | 16.91 | 84.3 | 19.35 | 90.0 | 20.56 |
| | 23 | 49.8 | 12.36 | 54.2 | 13.32 | 58.5 | 14.27 | 62.9 | 15.24 | 67.2 | 16.04 | 72.9 | 17.29 | 84.3 | 19.77 | 90.0 | 21.02 |
| | 25 | 49.8 | 12.66 | 54.2 | 13.63 | 58.5 | 14.61 | 62.9 | 15.59 | 67.2 | 16.45 | 72.9 | 17.71 | 84.3 | 20.28 | 90.0 | 21.56 |
| | 27 | 49.8 | 12.97 | 54.2 | 13.97 | 58.5 | 14.98 | 62.9 | 15.99 | 67.2 | 16.87 | 72.9 | 18.19 | 84.3 | 20.83 | 90.0 | 22.15 |
| | 30 | 49.8 | 13.51 | 54.2 | 14.56 | 58.5 | 15.61 | 62.9 | 16.67 | 67.2 | 17.63 | 72.9 | 19.02 | 84.3 | 21.77 | 90.0 | 23.15 |
| | 33 | 49.8 | 14.13 | 54.2 | 15.24 | 58.5 | 16.35 | 62.9 | 17.46 | 67.2 | 18.49 | 72.9 | 19.95 | 84.3 | 22.86 | 90.0 | 24.30 |
| | 35 | 49.8 | 14.61 | 54.2 | 15.76 | 58.5 | 16.93 | 62.9 | 18.08 | 67.2 | 19.18 | 72.9 | 20.68 | 84.3 | 23.70 | 90.0 | 25.22 |
| | 37 | 49.8 | 15.16 | 54.2 | 16.37 | 58.5 | 17.56 | 62.9 | 18.77 | 67.2 | 19.93 | 72.9 | 21.50 | 84.3 | 24.64 | 90.0 | 26.49 |
| | 40 | 49.8 | 16.09 | 54.2 | 17.38 | 58.5 | 18.64 | 62.9 | 19.93 | 67.2 | 21.20 | 72.9 | 22.88 | 84.3 | 26.70 | 90.0 | 29.19 |
| | 43 | 49.8 | 17.21 | 54.2 | 18.58 | 58.5 | 19.97 | 62.9 | 21.33 | 67.2 | 22.73 | 72.9 | 24.67 | 84.3 | 29.51 | 90.0 | 32.40 |
| | 46 | 49.8 | 18.50 | 54.2 | 20.00 | 58.5 | 21.47 | 62.9 | 22.97 | 67.2 | 24.59 | 72.9 | 26.96 | 84.3 | 32.72 | 90.0 | 35.98 |
| 56.0 (50%) | 10 | 41.5 | 9.58 | 45.1 | 10.29 | 48.8 | 11.01 | 52.4 | 11.72 | 56.0 | 12.27 | 60.8 | 13.20 | 70.2 | 15.05 | 74.9 | 15.99 |
| | 15 | 41.5 | 9.83 | 45.1 | 10.56 | 48.8 | 11.32 | 52.4 | 12.05 | 56.0 | 12.64 | 60.8 | 13.58 | 70.2 | 15.50 | 74.9 | 16.44 |
| | 21 | 41.5 | 10.31 | 45.1 | 11.10 | 48.8 | 11.87 | 52.4 | 12.67 | 56.0 | 13.30 | 60.8 | 14.31 | 70.2 | 16.35 | 74.9 | 17.36 |
| | 23 | 41.5 | 10.54 | 45.1 | 11.32 | 48.8 | 12.12 | 52.4 | 12.92 | 56.0 | 13.60 | 60.8 | 14.64 | 70.2 | 16.71 | 74.9 | 17.75 |
| | 25 | 41.5 | 10.76 | 45.1 | 11.58 | 48.8 | 12.39 | 52.4 | 13.22 | 56.0 | 13.92 | 60.8 | 14.99 | 70.2 | 17.12 | 74.9 | 18.19 |
| | 27 | 41.5 | 11.03 | 45.1 | 11.86 | 48.8 | 12.72 | 52.4 | 13.56 | 56.0 | 14.30 | 60.8 | 15.40 | 70.2 | 17.57 | 74.9 | 18.68 |
| | 30 | 41.5 | 11.47 | 45.1 | 12.37 | 48.8 | 13.24 | 52.4 | 14.11 | 56.0 | 14.92 | 60.8 | 16.07 | 70.2 | 18.36 | 74.9 | 19.51 |
| | 33 | 41.5 | 11.99 | 45.1 | 12.92 | 48.8 | 13.85 | 52.4 | 14.76 | 56.0 | 15.64 | 60.8 | 16.86 | 70.2 | 19.28 | 74.9 | 20.48 |
| | 35 | 41.5 | 12.41 | 45.1 | 13.36 | 48.8 | 14.33 | 52.4 | 15.29 | 56.0 | 16.21 | 60.8 | 17.47 | 70.2 | 19.98 | 74.9 | 21.23 |
| | 37 | 41.5 | 12.86 | 45.1 | 13.86 | 48.8 | 14.87 | 52.4 | 15.85 | 56.0 | 16.83 | 60.8 | 18.15 | 70.2 | 20.77 | 74.9 | 22.07 |
| | 40 | 41.5 | 13.64 | 45.1 | 14.70 | 48.8 | 15.77 | 52.4 | 16.83 | 56.0 | 17.91 | 60.8 | 19.31 | 70.2 | 22.10 | 74.9 | 23.50 |
| | 43 | 41.5 | 14.56 | 45.1 | 15.71 | 48.8 | 16.86 | 52.4 | 18.01 | 56.0 | 19.17 | 60.8 | 20.70 | 70.2 | 23.70 | 74.9 | 25.47 |
| | 46 | 41.5 | 15.64 | 45.1 | 16.89 | 48.8 | 18.12 | 52.4 | 19.37 | 56.0 | 20.66 | 60.8 | 22.30 | 70.2 | 25.83 | 74.9 | 27.85 |

# ■ Model: AJ∗378GALDH

| Cooling capacity at rated condition: 118.0 kW (42HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 177.0 (150%) | 10 | 125.6 | 25.94 | 130.1 | 26.22 | 133.3 | 26.24 | 136.7 | 26.26 | 141.1 | 26.85 | 144.7 | 26.82 | 151.6 | 26.72 | 155.3 | 26.66 |
| | 15 | 125.0 | 26.48 | 129.1 | 26.74 | 132.3 | 26.76 | 135.7 | 26.78 | 140.0 | 27.41 | 143.4 | 27.38 | 150.3 | 27.29 | 154.0 | 27.25 |
| | 21 | 123.8 | 27.53 | 127.4 | 27.69 | 130.6 | 27.73 | 133.8 | 27.78 | 137.8 | 28.47 | 141.1 | 28.45 | 147.9 | 28.38 | 151.4 | 28.33 |
| | 23 | 123.2 | 27.99 | 126.6 | 28.10 | 129.8 | 28.15 | 133.0 | 28.19 | 136.9 | 28.90 | 140.2 | 28.89 | 146.7 | 28.90 | 150.1 | 28.90 |
| | 25 | 122.6 | 28.48 | 125.8 | 28.54 | 129.0 | 28.59 | 131.9 | 28.67 | 135.7 | 29.47 | 138.9 | 29.50 | 145.0 | 29.72 | 147.9 | 29.91 |
| | 27 | 121.7 | 29.03 | 124.6 | 29.11 | 127.7 | 29.22 | 130.8 | 29.30 | 134.1 | 30.23 | 137.0 | 30.42 | 142.6 | 30.82 | 145.3 | 31.01 |
| | 30 | 119.8 | 29.99 | 122.7 | 30.18 | 125.4 | 30.44 | 128.1 | 30.69 | 130.6 | 31.87 | 133.3 | 32.08 | 138.7 | 32.53 | 141.4 | 32.74 |
| | 33 | 116.9 | 31.49 | 119.6 | 31.78 | 122.2 | 32.05 | 124.7 | 32.34 | 127.0 | 33.63 | 129.7 | 33.87 | 134.8 | 34.35 | 137.5 | 34.57 |
| | 35 | 114.8 | 32.60 | 117.5 | 32.90 | 119.9 | 33.20 | 122.6 | 33.49 | 124.5 | 34.84 | 127.1 | 35.11 | 132.2 | 35.60 | 134.8 | 35.85 |
| | 37 | 112.7 | 33.73 | 115.1 | 34.05 | 117.8 | 34.36 | 120.2 | 34.65 | 122.0 | 36.08 | 124.7 | 36.35 | 129.5 | 36.87 | 132.2 | 37.12 |
| | 40 | 109.3 | 35.46 | 111.7 | 35.78 | 114.3 | 36.09 | 116.7 | 36.41 | 118.3 | 37.94 | 120.7 | 38.22 | 125.6 | 38.77 | 128.0 | 39.02 |
| | 43 | 106.0 | 37.18 | 108.2 | 37.51 | 110.6 | 37.86 | 113.1 | 38.19 | 114.4 | 39.81 | 116.8 | 40.11 | 121.6 | 40.67 | 124.0 | 40.95 |
| | 46 | 102.6 | 38.91 | 104.8 | 39.27 | 107.2 | 39.62 | 109.4 | 39.97 | 110.6 | 41.67 | 112.8 | 42.00 | 117.6 | 42.59 | 119.8 | 42.88 |
| 165.2 (140%) | 10 | 122.5 | 25.81 | 128.0 | 26.37 | 132.0 | 26.60 | 135.2 | 26.62 | 139.8 | 27.14 | 143.3 | 27.11 | 150.1 | 27.02 | 153.8 | 26.98 |
| | 15 | 122.3 | 26.49 | 127.2 | 26.94 | 131.0 | 27.12 | 134.2 | 27.14 | 138.7 | 27.70 | 142.2 | 27.67 | 149.1 | 27.60 | 152.5 | 27.54 |
| | 21 | 121.1 | 27.52 | 126.0 | 28.01 | 129.3 | 28.09 | 132.5 | 28.14 | 136.6 | 28.75 | 139.9 | 28.74 | 146.7 | 28.68 | 150.2 | 28.64 |
| | 23 | 120.5 | 27.94 | 125.4 | 28.46 | 128.5 | 28.50 | 131.7 | 28.55 | 135.7 | 29.19 | 139.1 | 29.18 | 145.6 | 29.18 | 148.9 | 29.18 |
| | 25 | 119.9 | 28.44 | 124.6 | 28.90 | 127.7 | 28.96 | 130.9 | 29.02 | 134.6 | 29.74 | 137.8 | 29.78 | 143.8 | 29.98 | 146.8 | 30.17 |
| | 27 | 119.3 | 28.98 | 123.6 | 29.46 | 126.5 | 29.54 | 129.6 | 29.65 | 133.1 | 30.46 | 135.9 | 30.68 | 141.5 | 31.08 | 144.2 | 31.27 |
| | 30 | 118.3 | 30.06 | 121.6 | 30.52 | 124.4 | 30.76 | 127.1 | 31.03 | 129.8 | 32.12 | 132.5 | 32.34 | 137.8 | 32.79 | 140.5 | 33.02 |
| | 33 | 116.2 | 31.82 | 118.7 | 32.12 | 121.3 | 32.41 | 123.8 | 32.70 | 126.2 | 33.89 | 128.8 | 34.14 | 134.0 | 34.65 | 136.6 | 34.87 |
| | 35 | 114.1 | 32.94 | 116.6 | 33.25 | 119.0 | 33.55 | 121.6 | 33.87 | 123.8 | 35.13 | 126.3 | 35.40 | 131.5 | 35.91 | 134.0 | 36.16 |
| | 37 | 111.8 | 34.09 | 114.4 | 34.41 | 116.9 | 34.73 | 119.3 | 35.03 | 121.3 | 36.37 | 123.9 | 36.64 | 128.9 | 37.18 | 131.4 | 37.43 |
| | 40 | 108.6 | 35.83 | 111.0 | 36.15 | 113.4 | 36.50 | 115.9 | 36.82 | 117.6 | 38.23 | 120.1 | 38.52 | 125.0 | 39.09 | 127.4 | 39.35 |
| | 43 | 105.2 | 37.57 | 107.6 | 37.92 | 110.0 | 38.27 | 112.4 | 38.60 | 113.8 | 40.11 | 116.2 | 40.43 | 121.0 | 41.01 | 123.3 | 41.29 |
| | 46 | 102.0 | 39.34 | 104.2 | 39.69 | 106.5 | 40.07 | 108.7 | 40.42 | 110.0 | 42.02 | 112.3 | 42.32 | 116.9 | 42.94 | 119.3 | 43.24 |
| 153.4 (130%) | 10 | 113.8 | 24.07 | 123.8 | 26.04 | 129.7 | 26.83 | 133.6 | 27.02 | 138.5 | 27.47 | 141.8 | 27.46 | 148.6 | 27.39 | 152.1 | 27.33 |
| | 15 | 113.8 | 24.75 | 123.8 | 26.79 | 129.1 | 27.39 | 132.8 | 27.56 | 137.4 | 28.05 | 140.7 | 28.02 | 147.6 | 27.98 | 151.0 | 27.92 |
| | 21 | 113.8 | 26.08 | 123.0 | 28.00 | 127.7 | 28.49 | 130.9 | 28.55 | 135.4 | 29.10 | 138.6 | 29.09 | 145.2 | 29.05 | 148.7 | 29.03 |
| | 23 | 113.8 | 26.66 | 122.6 | 28.45 | 127.2 | 28.92 | 130.2 | 28.96 | 134.5 | 29.55 | 137.8 | 29.55 | 144.4 | 29.51 | 147.5 | 29.54 |
| | 25 | 113.8 | 27.29 | 122.0 | 28.95 | 126.4 | 29.38 | 129.4 | 29.42 | 133.5 | 30.06 | 136.7 | 30.09 | 142.7 | 30.30 | 145.6 | 30.51 |
| | 27 | 113.8 | 28.01 | 121.4 | 29.51 | 125.3 | 29.94 | 128.4 | 30.02 | 132.1 | 30.78 | 135.0 | 30.99 | 140.3 | 31.42 | 143.2 | 31.63 |
| | 30 | 113.8 | 29.22 | 120.2 | 30.73 | 123.2 | 31.16 | 125.9 | 31.43 | 128.8 | 32.44 | 131.6 | 32.67 | 136.7 | 33.14 | 139.4 | 33.38 |
| | 33 | 113.6 | 31.58 | 117.7 | 32.51 | 120.1 | 32.80 | 122.8 | 33.11 | 125.4 | 34.24 | 128.0 | 34.50 | 133.1 | 35.01 | 135.7 | 35.26 |
| | 35 | 112.0 | 32.90 | 115.6 | 33.66 | 118.0 | 33.98 | 120.7 | 34.28 | 123.0 | 35.48 | 125.6 | 35.75 | 130.7 | 36.28 | 133.1 | 36.54 |
| | 37 | 110.6 | 34.26 | 113.5 | 34.84 | 115.9 | 35.16 | 118.3 | 35.48 | 120.6 | 36.73 | 123.0 | 37.01 | 128.1 | 37.56 | 130.5 | 37.83 |
| | 40 | 107.7 | 36.25 | 110.1 | 36.60 | 112.5 | 36.94 | 114.9 | 37.29 | 116.9 | 38.61 | 119.3 | 38.93 | 124.1 | 39.50 | 126.6 | 39.77 |
| | 43 | 104.5 | 38.04 | 106.9 | 38.41 | 109.1 | 38.75 | 111.5 | 39.10 | 113.2 | 40.51 | 115.6 | 40.83 | 120.2 | 41.43 | 122.6 | 41.73 |
| | 46 | 101.1 | 39.82 | 103.5 | 40.20 | 105.7 | 40.57 | 108.1 | 40.94 | 109.4 | 42.43 | 111.7 | 42.76 | 116.3 | 43.39 | 118.7 | 43.70 |
| 141.6 (120%) | 10 | 105.1 | 22.33 | 114.3 | 24.15 | 123.3 | 25.96 | 131.0 | 27.34 | 137.0 | 27.90 | 140.4 | 27.89 | 147.0 | 27.84 | 150.4 | 27.81 |
| | 15 | 105.1 | 22.96 | 114.1 | 24.83 | 123.3 | 26.72 | 130.4 | 27.93 | 136.0 | 28.46 | 139.2 | 28.45 | 146.0 | 28.43 | 149.4 | 28.39 |
| | 21 | 105.1 | 24.19 | 114.1 | 26.16 | 123.3 | 28.15 | 129.2 | 29.02 | 134.1 | 29.52 | 137.3 | 29.54 | 143.9 | 29.52 | 147.1 | 29.49 |
| | 23 | 105.1 | 24.71 | 114.1 | 26.73 | 123.3 | 28.75 | 128.6 | 29.50 | 133.2 | 29.98 | 136.5 | 29.99 | 142.9 | 29.98 | 146.2 | 29.97 |
| | 25 | 105.1 | 25.29 | 114.1 | 27.38 | 123.3 | 29.46 | 127.9 | 29.98 | 132.3 | 30.46 | 135.5 | 30.50 | 141.4 | 30.71 | 144.3 | 30.92 |
| | 27 | 105.1 | 25.95 | 114.1 | 28.09 | 122.9 | 30.09 | 127.0 | 30.53 | 131.0 | 31.19 | 133.8 | 31.40 | 139.1 | 31.85 | 142.0 | 32.06 |
| | 30 | 105.1 | 27.08 | 114.1 | 29.32 | 121.5 | 31.48 | 124.6 | 31.94 | 127.8 | 32.86 | 130.4 | 33.10 | 135.7 | 33.59 | 138.4 | 33.85 |
| | 33 | 105.1 | 28.43 | 114.1 | 31.83 | 119.1 | 33.35 | 121.7 | 33.66 | 124.4 | 34.68 | 127.0 | 34.94 | 132.1 | 35.48 | 134.7 | 35.74 |
| | 35 | 105.1 | 30.02 | 113.7 | 33.79 | 117.0 | 34.52 | 119.4 | 34.86 | 122.1 | 35.92 | 124.7 | 36.21 | 129.7 | 36.76 | 132.1 | 37.02 |
| | 37 | 105.1 | 32.16 | 112.1 | 35.20 | 114.9 | 35.74 | 117.3 | 36.08 | 119.7 | 37.19 | 122.3 | 37.48 | 127.1 | 38.06 | 129.5 | 38.33 |
| | 40 | 105.1 | 35.74 | 109.3 | 37.20 | 111.7 | 37.56 | 114.1 | 37.90 | 116.2 | 39.11 | 118.6 | 39.42 | 123.4 | 40.01 | 125.8 | 40.30 |
| | 43 | 103.3 | 38.38 | 106.0 | 39.02 | 108.4 | 39.39 | 110.7 | 39.76 | 112.5 | 41.04 | 114.8 | 41.36 | 119.5 | 41.98 | 121.9 | 42.28 |
| | 46 | 100.6 | 40.48 | 102.8 | 40.87 | 105.0 | 41.24 | 107.3 | 41.63 | 108.8 | 42.96 | 111.1 | 43.31 | 115.6 | 43.96 | 118.0 | 44.29 |
| 129.8 (110%) | 10 | 96.3 | 20.58 | 104.6 | 22.25 | 113.0 | 23.92 | 121.4 | 25.59 | 129.8 | 26.87 | 138.4 | 28.36 | 144.9 | 28.32 | 148.3 | 28.31 |
| | 15 | 96.3 | 21.16 | 104.6 | 22.88 | 113.0 | 24.60 | 121.4 | 26.32 | 129.8 | 27.68 | 137.4 | 28.92 | 143.9 | 28.92 | 147.3 | 28.89 |
| | 21 | 96.3 | 22.27 | 104.6 | 24.09 | 113.0 | 25.91 | 121.4 | 27.73 | 129.8 | 29.25 | 135.5 | 30.00 | 142.0 | 30.01 | 145.2 | 30.00 |
| | 23 | 96.3 | 22.77 | 104.6 | 24.62 | 113.0 | 26.48 | 121.4 | 28.33 | 129.8 | 29.93 | 134.7 | 30.46 | 141.0 | 30.47 | 144.2 | 30.48 |
| | 25 | 96.3 | 23.30 | 104.6 | 25.22 | 113.0 | 27.11 | 121.4 | 29.03 | 129.8 | 30.68 | 133.9 | 30.96 | 139.9 | 31.13 | 142.6 | 31.36 |
| | 27 | 96.3 | 23.90 | 104.6 | 25.87 | 113.0 | 27.82 | 121.4 | 29.79 | 129.2 | 31.43 | 132.3 | 31.82 | 137.6 | 32.29 | 140.4 | 32.53 |
| | 30 | 96.3 | 24.93 | 104.6 | 26.98 | 113.0 | 29.04 | 121.4 | 31.70 | 126.5 | 33.28 | 129.1 | 33.54 | 134.4 | 34.06 | 136.9 | 34.31 |
| | 33 | 96.3 | 26.13 | 104.6 | 28.32 | 113.0 | 31.34 | 120.4 | 34.41 | 123.3 | 35.14 | 125.8 | 35.42 | 130.8 | 35.96 | 133.3 | 36.24 |
| | 35 | 96.3 | 27.12 | 104.6 | 29.85 | 113.0 | 33.60 | 118.5 | 35.67 | 121.0 | 36.39 | 123.5 | 36.70 | 128.5 | 37.27 | 130.9 | 37.54 |
| | 37 | 96.3 | 28.35 | 104.6 | 31.99 | 113.0 | 36.05 | 116.4 | 36.93 | 118.7 | 37.68 | 121.1 | 38.00 | 125.9 | 38.58 | 128.3 | 38.86 |
| | 40 | 96.3 | 31.33 | 104.6 | 35.52 | 110.9 | 38.45 | 113.2 | 38.81 | 115.2 | 39.61 | 117.5 | 39.95 | 122.3 | 40.56 | 124.7 | 40.87 |
| | 43 | 96.3 | 34.77 | 104.6 | 39.54 | 107.5 | 40.34 | 109.9 | 40.70 | 111.6 | 41.57 | 113.9 | 41.91 | 118.6 | 42.57 | 120.8 | 42.87 |
| | 46 | 96.3 | 38.65 | 102.0 | 41.83 | 104.4 | 42.23 | 106.5 | 42.64 | 108.0 | 43.55 | 110.2 | 43.89 | 114.7 | 44.56 | 117.1 | 44.89 |
| 118.0 (100%) | 10 | 87.6 | 18.84 | 95.2 | 20.36 | 102.8 | 21.86 | 110.4 | 23.38 | 118.0 | 24.55 | 128.0 | 26.52 | 142.9 | 28.97 | 146.1 | 28.96 |
| | 15 | 87.6 | 19.37 | 95.2 | 20.91 | 102.8 | 22.48 | 110.4 | 24.05 | 118.0 | 25.28 | 128.0 | 27.32 | 141.9 | 29.57 | 145.1 | 29.56 |
| | 21 | 87.6 | 20.37 | 95.2 | 22.02 | 102.8 | 23.69 | 110.4 | 25.33 | 118.0 | 26.71 | 128.0 | 28.86 | 140.1 | 30.68 | 143.2 | 30.67 |
| | 23 | 87.6 | 20.82 | 95.2 | 22.52 | 102.8 | 24.19 | 110.4 | 25.89 | 118.0 | 27.34 | 128.0 | 29.53 | 139.3 | 31.14 | 142.4 | 31.15 |
| | 25 | 87.6 | 21.30 | 95.2 | 23.05 | 102.8 | 24.77 | 110.4 | 26.51 | 118.0 | 28.01 | 128.0 | 30.28 | 138.2 | 31.75 | 140.9 | 31.98 |
| | 27 | 87.6 | 21.86 | 95.2 | 23.65 | 102.8 | 25.42 | 110.4 | 27.19 | 118.0 | 28.79 | 128.0 | 31.12 | 136.2 | 32.93 | 138.8 | 33.16 |
| | 30 | 87.6 | 22.79 | 95.2 | 24.66 | 102.8 | 26.53 | 110.4 | 28.37 | 118.0 | 30.21 | 127.8 | 34.17 | 132.8 | 34.73 | 135.5 | 34.99 |
| | 33 | 87.6 | 23.87 | 95.2 | 25.84 | 102.8 | 27.79 | 110.4 | 30.20 | 118.0 | 33.46 | 124.5 | 36.08 | 129.5 | 36.66 | 131.9 | 36.95 |
| | 35 | 87.6 | 24.77 | 95.2 | 26.82 | 102.8 | 29.04 | 110.4 | 32.38 | 118.0 | 35.95 | 122.2 | 37.39 | 127.2 | 37.98 | 129.6 | 38.29 |
| | 37 | 87.6 | 25.77 | 95.2 | 28.00 | 102.8 | 31.10 | 110.4 | 34.73 | 117.5 | 38.33 | 120.1 | 38.70 | 124.8 | 39.32 | 127.2 | 39.63 |
| | 40 | 87.6 | 27.59 | 95.2 | 30.79 | 102.8 | 34.54 | 110.4 | 38.62 | 114.2 | 40.35 | 116.5 | 40.69 | 121.2 | 41.34 | 123.6 | 41.67 |
| | 43 | 87.6 | 30.25 | 95.2 | 34.16 | 102.8 | 38.41 | 107.8 | 40.80 | 110.7 | 42.34 | 113.1 | 42.71 | 117.6 | 43.39 | 119.9 | 43.70 |
| | 46 | 87.6 | 33.52 | 95.2 | 37.96 | 102.2 | 42.27 | 104.4 | 42.75 | 107.2 | 44.34 | 109.4 | 44.73 | 113.9 | 45.44 | 116.1 | 45.78 |

MODEL SELECTION

| Cooling capacity at rated condition: 118.0 kW (42HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 106.2 (90%) | 10 | 78.7 | 17.07 | 85.7 | 18.44 | 92.5 | 19.81 | 99.4 | 21.18 | 106.2 | 22.24 | 115.1 | 24.01 | 133.2 | 27.54 | 141.1 | 28.98 |
| | 15 | 78.7 | 17.55 | 85.7 | 18.97 | 92.5 | 20.37 | 99.4 | 21.78 | 106.2 | 22.91 | 115.1 | 24.73 | 133.2 | 28.37 | 140.1 | 29.56 |
| | 21 | 78.7 | 18.48 | 85.7 | 19.97 | 92.5 | 21.45 | 99.4 | 22.94 | 106.2 | 24.19 | 115.1 | 26.11 | 133.2 | 29.98 | 138.3 | 30.66 |
| | 23 | 78.7 | 18.88 | 85.7 | 20.40 | 92.5 | 21.92 | 99.4 | 23.44 | 106.2 | 24.74 | 115.1 | 26.71 | 133.2 | 30.68 | 137.5 | 31.14 |
| | 25 | 78.7 | 19.31 | 85.7 | 20.88 | 92.5 | 22.45 | 99.4 | 24.00 | 106.2 | 25.37 | 115.1 | 27.39 | 133.2 | 31.45 | 136.7 | 31.64 |
| | 27 | 78.7 | 19.81 | 85.7 | 21.41 | 92.5 | 23.03 | 99.4 | 24.62 | 106.2 | 26.05 | 115.1 | 28.14 | 132.2 | 32.56 | 134.8 | 32.79 |
| | 30 | 78.7 | 20.64 | 85.7 | 22.33 | 92.5 | 24.01 | 99.4 | 25.68 | 106.2 | 27.22 | 115.1 | 29.43 | 129.1 | 34.34 | 131.8 | 34.60 |
| | 33 | 78.7 | 21.62 | 85.7 | 23.39 | 92.5 | 25.14 | 99.4 | 26.91 | 106.2 | 28.67 | 115.1 | 32.22 | 126.0 | 36.26 | 128.4 | 36.54 |
| | 35 | 78.7 | 22.43 | 85.7 | 24.27 | 92.5 | 26.10 | 99.4 | 28.00 | 106.2 | 30.48 | 115.1 | 34.59 | 123.8 | 37.58 | 126.1 | 37.86 |
| | 37 | 78.7 | 23.33 | 85.7 | 25.25 | 92.5 | 27.20 | 99.4 | 29.57 | 106.2 | 32.70 | 115.1 | 37.18 | 121.6 | 38.91 | 123.8 | 39.22 |
| | 40 | 78.7 | 24.85 | 85.7 | 26.98 | 92.5 | 29.53 | 99.4 | 32.83 | 106.2 | 36.41 | 113.5 | 40.26 | 118.1 | 40.93 | 120.4 | 41.24 |
| | 43 | 78.7 | 26.72 | 85.7 | 29.31 | 92.5 | 32.74 | 99.4 | 36.46 | 106.2 | 40.58 | 110.2 | 42.27 | 114.7 | 42.95 | 116.8 | 43.29 |
| | 46 | 78.7 | 28.93 | 85.7 | 32.47 | 92.5 | 36.37 | 99.4 | 40.57 | 104.6 | 43.90 | 106.8 | 44.29 | 111.0 | 45.00 | 113.2 | 45.34 |
| 94.4 (80%) | 10 | 70.0 | 15.33 | 76.1 | 16.55 | 82.3 | 17.77 | 88.4 | 18.99 | 94.4 | 19.92 | 102.3 | 21.49 | 118.5 | 24.63 | 126.4 | 26.20 |
| | 15 | 70.0 | 15.76 | 76.1 | 17.02 | 82.3 | 18.27 | 88.4 | 19.52 | 94.4 | 20.52 | 102.3 | 22.14 | 118.5 | 25.38 | 126.4 | 27.00 |
| | 21 | 70.0 | 16.58 | 76.1 | 17.90 | 82.3 | 19.23 | 88.4 | 20.55 | 94.4 | 21.65 | 102.3 | 23.37 | 118.5 | 26.81 | 126.4 | 28.53 |
| | 23 | 70.0 | 16.93 | 76.1 | 18.28 | 82.3 | 19.63 | 88.4 | 21.00 | 94.4 | 22.15 | 102.3 | 23.90 | 118.5 | 27.41 | 126.4 | 29.18 |
| | 25 | 70.0 | 17.32 | 76.1 | 18.71 | 82.3 | 20.10 | 88.4 | 21.48 | 94.4 | 22.70 | 102.3 | 24.50 | 118.5 | 28.11 | 126.4 | 29.91 |
| | 27 | 70.0 | 17.76 | 76.1 | 19.19 | 82.3 | 20.61 | 88.4 | 22.03 | 94.4 | 23.30 | 102.3 | 25.17 | 118.5 | 28.89 | 126.4 | 30.74 |
| | 30 | 70.0 | 18.52 | 76.1 | 19.99 | 82.3 | 21.49 | 88.4 | 22.98 | 94.4 | 24.36 | 102.3 | 26.30 | 118.5 | 30.36 | 126.4 | 33.62 |
| | 33 | 70.0 | 19.37 | 76.1 | 20.94 | 82.3 | 22.52 | 88.4 | 24.07 | 94.4 | 25.58 | 102.3 | 27.63 | 118.5 | 33.65 | 124.2 | 36.05 |
| | 35 | 70.0 | 20.11 | 76.1 | 21.73 | 82.3 | 23.35 | 88.4 | 24.97 | 94.4 | 26.56 | 102.3 | 28.84 | 118.5 | 36.15 | 122.2 | 37.36 |
| | 37 | 70.0 | 20.89 | 76.1 | 22.59 | 82.3 | 24.28 | 88.4 | 26.00 | 94.4 | 27.76 | 102.3 | 30.93 | 117.7 | 38.38 | 120.1 | 38.70 |
| | 40 | 70.0 | 22.26 | 76.1 | 24.08 | 82.3 | 25.88 | 88.4 | 27.84 | 94.4 | 30.45 | 102.3 | 34.41 | 114.6 | 40.40 | 116.7 | 40.71 |
| | 43 | 70.0 | 23.83 | 76.1 | 25.82 | 82.3 | 27.90 | 88.4 | 30.62 | 94.4 | 33.83 | 102.3 | 38.31 | 111.2 | 42.42 | 113.3 | 42.75 |
| | 46 | 70.0 | 25.67 | 76.1 | 27.93 | 82.3 | 30.64 | 88.4 | 33.96 | 94.4 | 37.62 | 102.3 | 42.72 | 107.8 | 44.46 | 110.0 | 44.80 |
| 82.6 (70%) | 10 | 61.3 | 13.59 | 66.6 | 14.66 | 71.9 | 15.73 | 77.3 | 16.77 | 82.6 | 17.60 | 89.7 | 18.97 | 103.6 | 21.72 | 110.6 | 23.11 |
| | 15 | 61.3 | 13.96 | 66.6 | 15.06 | 71.9 | 16.15 | 77.3 | 17.25 | 82.6 | 18.13 | 89.7 | 19.55 | 103.6 | 22.37 | 110.6 | 23.79 |
| | 21 | 61.3 | 14.69 | 66.6 | 15.84 | 71.9 | 16.98 | 77.3 | 18.15 | 82.6 | 19.11 | 89.7 | 20.63 | 103.6 | 23.62 | 110.6 | 25.14 |
| | 23 | 61.3 | 14.99 | 66.6 | 16.16 | 71.9 | 17.36 | 77.3 | 18.53 | 82.6 | 19.55 | 89.7 | 21.08 | 103.6 | 24.17 | 110.6 | 25.71 |
| | 25 | 61.3 | 15.34 | 66.6 | 16.54 | 71.9 | 17.76 | 77.3 | 18.96 | 82.6 | 20.03 | 89.7 | 21.61 | 103.6 | 24.77 | 110.6 | 26.34 |
| | 27 | 61.3 | 15.72 | 66.6 | 16.97 | 71.9 | 18.21 | 77.3 | 19.46 | 82.6 | 20.56 | 89.7 | 22.20 | 103.6 | 25.45 | 110.6 | 27.07 |
| | 30 | 61.3 | 16.37 | 66.6 | 17.67 | 71.9 | 18.97 | 77.3 | 20.29 | 82.6 | 21.49 | 89.7 | 23.18 | 103.6 | 26.60 | 110.6 | 28.30 |
| | 33 | 61.3 | 17.13 | 66.6 | 18.50 | 71.9 | 19.87 | 77.3 | 21.24 | 82.6 | 22.56 | 89.7 | 24.36 | 103.6 | 27.94 | 110.6 | 30.22 |
| | 35 | 61.3 | 17.76 | 66.6 | 19.19 | 71.9 | 20.61 | 77.3 | 22.03 | 82.6 | 23.42 | 89.7 | 25.29 | 103.6 | 29.35 | 110.6 | 32.43 |
| | 37 | 61.3 | 18.45 | 66.6 | 19.94 | 71.9 | 21.44 | 77.3 | 22.91 | 82.6 | 24.38 | 89.7 | 26.32 | 103.6 | 31.48 | 110.6 | 34.83 |
| | 40 | 61.3 | 19.65 | 66.6 | 21.24 | 71.9 | 22.81 | 77.3 | 24.40 | 82.6 | 26.01 | 89.7 | 28.27 | 103.6 | 35.02 | 110.6 | 38.83 |
| | 43 | 61.3 | 21.04 | 66.6 | 22.74 | 71.9 | 24.45 | 77.3 | 26.21 | 82.6 | 28.07 | 89.7 | 31.32 | 103.6 | 39.00 | 109.1 | 42.10 |
| | 46 | 61.3 | 22.64 | 66.6 | 24.48 | 71.9 | 26.39 | 77.3 | 28.36 | 82.6 | 30.93 | 89.7 | 34.79 | 103.6 | 43.52 | 106.0 | 44.14 |
| 70.8 (60%) | 10 | 52.5 | 11.84 | 57.1 | 12.76 | 61.6 | 13.66 | 66.3 | 14.58 | 70.8 | 15.29 | 76.8 | 16.46 | 88.9 | 18.82 | 94.9 | 20.00 |
| | 15 | 52.5 | 12.17 | 57.1 | 13.11 | 61.6 | 14.04 | 66.3 | 14.98 | 70.8 | 15.73 | 76.8 | 16.93 | 88.9 | 19.38 | 94.9 | 20.60 |
| | 21 | 52.5 | 12.77 | 57.1 | 13.77 | 61.6 | 14.76 | 66.3 | 15.76 | 70.8 | 16.59 | 76.8 | 17.86 | 88.9 | 20.45 | 94.9 | 21.73 |
| | 23 | 52.5 | 13.05 | 57.1 | 14.05 | 61.6 | 15.07 | 66.3 | 16.09 | 70.8 | 16.94 | 76.8 | 18.26 | 88.9 | 20.90 | 94.9 | 22.23 |
| | 25 | 52.5 | 13.35 | 57.1 | 14.37 | 61.6 | 15.42 | 66.3 | 16.46 | 70.8 | 17.36 | 76.8 | 18.71 | 88.9 | 21.43 | 94.9 | 22.78 |
| | 27 | 52.5 | 13.67 | 57.1 | 14.73 | 61.6 | 15.80 | 66.3 | 16.87 | 70.8 | 17.82 | 76.8 | 19.21 | 88.9 | 22.01 | 94.9 | 23.40 |
| | 30 | 52.5 | 14.23 | 57.1 | 15.35 | 61.6 | 16.47 | 66.3 | 17.57 | 70.8 | 18.62 | 76.8 | 20.09 | 88.9 | 23.00 | 94.9 | 24.45 |
| | 33 | 52.5 | 14.88 | 57.1 | 16.05 | 61.6 | 17.23 | 66.3 | 18.40 | 70.8 | 19.52 | 76.8 | 21.06 | 88.9 | 24.14 | 94.9 | 25.68 |
| | 35 | 52.5 | 15.42 | 57.1 | 16.64 | 61.6 | 17.86 | 66.3 | 19.09 | 70.8 | 20.28 | 76.8 | 21.87 | 88.9 | 25.07 | 94.9 | 26.66 |
| | 37 | 52.5 | 16.03 | 57.1 | 17.30 | 61.6 | 18.57 | 66.3 | 19.84 | 70.8 | 21.09 | 76.8 | 22.76 | 88.9 | 26.10 | 94.9 | 27.87 |
| | 40 | 52.5 | 17.04 | 57.1 | 18.40 | 61.6 | 19.75 | 66.3 | 21.12 | 70.8 | 22.49 | 76.8 | 24.28 | 88.9 | 28.03 | 94.9 | 30.65 |
| | 43 | 52.5 | 18.23 | 57.1 | 19.70 | 61.6 | 21.17 | 66.3 | 22.61 | 70.8 | 24.11 | 76.8 | 26.08 | 88.9 | 30.93 | 94.9 | 34.05 |
| | 46 | 52.5 | 19.60 | 57.1 | 21.19 | 61.6 | 22.76 | 66.3 | 24.35 | 70.8 | 26.02 | 76.8 | 28.24 | 88.9 | 34.33 | 94.9 | 37.86 |
| 59.0 (50%) | 10 | 43.8 | 10.10 | 47.5 | 10.87 | 51.4 | 11.62 | 55.1 | 12.39 | 59.0 | 12.97 | 64.0 | 13.94 | 74.0 | 15.91 | 78.9 | 16.90 |
| | 15 | 43.8 | 10.37 | 47.5 | 11.15 | 51.4 | 11.94 | 55.1 | 12.72 | 59.0 | 13.34 | 64.0 | 14.34 | 74.0 | 16.38 | 78.9 | 17.38 |
| | 21 | 43.8 | 10.88 | 47.5 | 11.70 | 51.4 | 12.52 | 55.1 | 13.37 | 59.0 | 14.05 | 64.0 | 15.12 | 74.0 | 17.26 | 78.9 | 18.34 |
| | 23 | 43.8 | 11.10 | 47.5 | 11.95 | 51.4 | 12.80 | 55.1 | 13.64 | 59.0 | 14.35 | 64.0 | 15.45 | 74.0 | 17.66 | 78.9 | 18.76 |
| | 25 | 43.8 | 11.35 | 47.5 | 12.20 | 51.4 | 13.08 | 55.1 | 13.95 | 59.0 | 14.70 | 64.0 | 15.82 | 74.0 | 18.09 | 78.9 | 19.21 |
| | 27 | 43.8 | 11.63 | 47.5 | 12.50 | 51.4 | 13.40 | 55.1 | 14.30 | 59.0 | 15.09 | 64.0 | 16.24 | 74.0 | 18.57 | 78.9 | 19.74 |
| | 30 | 43.8 | 12.08 | 47.5 | 13.03 | 51.4 | 13.95 | 55.1 | 14.88 | 59.0 | 15.75 | 64.0 | 16.97 | 74.0 | 19.39 | 78.9 | 20.61 |
| | 33 | 43.8 | 12.63 | 47.5 | 13.61 | 51.4 | 14.58 | 55.1 | 15.56 | 59.0 | 16.50 | 64.0 | 17.79 | 74.0 | 20.34 | 78.9 | 21.64 |
| | 35 | 43.8 | 13.08 | 47.5 | 14.10 | 51.4 | 15.12 | 55.1 | 16.12 | 59.0 | 17.11 | 64.0 | 18.46 | 74.0 | 21.13 | 78.9 | 22.45 |
| | 37 | 43.8 | 13.59 | 47.5 | 14.64 | 51.4 | 15.71 | 55.1 | 16.76 | 59.0 | 17.80 | 64.0 | 19.19 | 74.0 | 21.98 | 78.9 | 23.38 |
| | 40 | 43.8 | 14.42 | 47.5 | 15.57 | 51.4 | 16.69 | 55.1 | 17.83 | 59.0 | 18.98 | 64.0 | 20.47 | 74.0 | 23.43 | 78.9 | 24.93 |
| | 43 | 43.8 | 15.42 | 47.5 | 16.64 | 51.4 | 17.86 | 55.1 | 19.08 | 59.0 | 20.33 | 64.0 | 21.94 | 74.0 | 25.13 | 78.9 | 26.83 |
| | 46 | 43.8 | 16.56 | 47.5 | 17.88 | 51.4 | 19.20 | 55.1 | 20.52 | 59.0 | 21.89 | 64.0 | 23.64 | 74.0 | 27.20 | 78.9 | 29.07 |

# ■ Model: AJ∗396GALDH

| Cooling capacity at rated condition: 123.5 kW (44HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 185.2 (150%) | 10 | 131.7 | 27.96 | 136.2 | 28.24 | 139.5 | 28.26 | 143.1 | 28.27 | 147.6 | 28.87 | 151.4 | 28.83 | 158.6 | 28.72 | 162.4 | 28.65 |
| | 15 | 131.1 | 28.57 | 135.1 | 28.79 | 138.5 | 28.81 | 142.0 | 28.83 | 146.4 | 29.47 | 150.0 | 29.44 | 157.2 | 29.33 | 161.0 | 29.28 |
| | 21 | 129.9 | 29.73 | 133.4 | 29.82 | 136.7 | 29.87 | 140.1 | 29.91 | 144.2 | 30.61 | 147.6 | 30.59 | 154.8 | 30.51 | 158.4 | 30.45 |
| | 23 | 129.2 | 30.22 | 132.6 | 30.26 | 135.9 | 30.31 | 139.2 | 30.35 | 143.2 | 31.08 | 146.7 | 31.06 | 153.6 | 31.03 | 157.1 | 31.04 |
| | 25 | 128.4 | 30.69 | 131.7 | 30.74 | 135.0 | 30.79 | 138.2 | 30.84 | 142.0 | 31.66 | 145.4 | 31.70 | 151.7 | 31.94 | 154.8 | 32.13 |
| | 27 | 127.5 | 31.24 | 130.5 | 31.34 | 133.7 | 31.46 | 137.0 | 31.56 | 140.3 | 32.51 | 143.3 | 32.71 | 149.2 | 33.13 | 152.1 | 33.33 |
| | 30 | 125.4 | 32.32 | 128.4 | 32.53 | 131.3 | 32.81 | 134.1 | 33.07 | 136.7 | 34.28 | 139.5 | 34.51 | 145.2 | 34.97 | 148.0 | 35.19 |
| | 33 | 122.4 | 33.94 | 125.2 | 34.25 | 128.0 | 34.54 | 130.6 | 34.85 | 132.9 | 36.17 | 135.7 | 36.42 | 141.1 | 36.93 | 143.9 | 37.16 |
| | 35 | 120.2 | 35.14 | 123.0 | 35.46 | 125.5 | 35.77 | 128.3 | 36.09 | 130.3 | 37.48 | 133.0 | 37.76 | 138.4 | 38.28 | 141.1 | 38.54 |
| | 37 | 118.0 | 36.37 | 120.5 | 36.71 | 123.3 | 37.03 | 125.8 | 37.35 | 127.7 | 38.82 | 130.5 | 39.11 | 135.6 | 39.66 | 138.4 | 39.92 |
| | 40 | 114.4 | 38.23 | 116.9 | 38.58 | 119.7 | 38.90 | 122.2 | 39.25 | 123.8 | 40.84 | 126.3 | 41.13 | 131.4 | 41.72 | 134.0 | 41.99 |
| | 43 | 111.0 | 40.10 | 113.3 | 40.45 | 115.8 | 40.82 | 118.4 | 41.17 | 119.8 | 42.86 | 122.2 | 43.18 | 127.3 | 43.78 | 129.8 | 44.08 |
| | 46 | 107.4 | 41.97 | 109.7 | 42.35 | 112.2 | 42.73 | 114.5 | 43.11 | 115.7 | 44.88 | 118.1 | 45.23 | 123.1 | 45.87 | 125.4 | 46.17 |
| 172.9 (140%) | 10 | 128.2 | 27.71 | 134.2 | 28.43 | 138.1 | 28.62 | 141.5 | 28.64 | 146.2 | 29.16 | 149.8 | 29.12 | 157.0 | 29.02 | 160.8 | 28.97 |
| | 15 | 128.0 | 28.44 | 133.4 | 29.05 | 137.0 | 29.17 | 140.4 | 29.19 | 145.1 | 29.77 | 148.7 | 29.73 | 155.9 | 29.65 | 159.5 | 29.58 |
| | 21 | 126.8 | 29.58 | 132.0 | 30.18 | 135.3 | 30.22 | 138.6 | 30.27 | 142.9 | 30.90 | 146.3 | 30.88 | 153.5 | 30.81 | 157.0 | 30.76 |
| | 23 | 126.2 | 30.05 | 131.2 | 30.62 | 134.5 | 30.67 | 137.8 | 30.71 | 142.0 | 31.37 | 145.5 | 31.35 | 152.4 | 31.30 | 155.8 | 31.32 |
| | 25 | 125.6 | 30.60 | 130.3 | 31.09 | 133.7 | 31.16 | 137.0 | 31.21 | 140.9 | 31.93 | 144.2 | 31.97 | 150.5 | 32.19 | 153.6 | 32.39 |
| | 27 | 125.0 | 31.20 | 129.4 | 31.67 | 132.4 | 31.77 | 135.7 | 31.89 | 139.3 | 32.74 | 142.2 | 32.96 | 148.0 | 33.38 | 150.9 | 33.58 |
| | 30 | 124.0 | 32.44 | 127.2 | 32.85 | 130.2 | 33.12 | 133.0 | 33.40 | 135.8 | 34.53 | 138.6 | 34.76 | 144.2 | 35.22 | 147.0 | 35.47 |
| | 33 | 121.6 | 34.27 | 124.2 | 34.58 | 126.9 | 34.89 | 129.5 | 35.19 | 132.1 | 36.42 | 134.8 | 36.69 | 140.2 | 37.21 | 143.0 | 37.45 |
| | 35 | 119.4 | 35.46 | 122.0 | 35.80 | 124.5 | 36.12 | 127.3 | 36.45 | 129.5 | 37.76 | 132.1 | 38.04 | 137.6 | 38.58 | 140.2 | 38.84 |
| | 37 | 117.0 | 36.71 | 119.7 | 37.05 | 122.3 | 37.39 | 124.8 | 37.70 | 126.9 | 39.10 | 129.6 | 39.39 | 134.9 | 39.96 | 137.5 | 40.22 |
| | 40 | 113.6 | 38.59 | 116.2 | 38.93 | 118.7 | 39.30 | 121.2 | 39.64 | 123.0 | 41.11 | 125.7 | 41.43 | 130.8 | 42.03 | 133.3 | 42.30 |
| | 43 | 110.1 | 40.47 | 112.6 | 40.84 | 115.1 | 41.22 | 117.6 | 41.57 | 119.1 | 43.15 | 121.6 | 43.49 | 126.6 | 44.11 | 129.0 | 44.41 |
| | 46 | 106.7 | 42.38 | 109.0 | 42.76 | 111.5 | 43.16 | 113.8 | 43.54 | 115.1 | 45.21 | 117.5 | 45.54 | 122.3 | 46.20 | 124.8 | 46.52 |
| 160.5 (130%) | 10 | 119.1 | 25.84 | 129.5 | 27.95 | 135.9 | 28.89 | 139.7 | 29.04 | 144.8 | 29.49 | 148.3 | 29.48 | 155.4 | 29.40 | 159.0 | 29.34 |
| | 15 | 119.1 | 26.57 | 129.5 | 28.76 | 135.3 | 29.51 | 138.8 | 29.61 | 143.7 | 30.12 | 147.1 | 30.08 | 154.3 | 30.03 | 157.8 | 29.97 |
| | 21 | 119.1 | 28.00 | 128.7 | 30.09 | 133.6 | 30.64 | 136.9 | 30.68 | 141.5 | 31.24 | 145.0 | 31.23 | 151.9 | 31.18 | 155.4 | 31.16 |
| | 23 | 119.1 | 28.62 | 128.3 | 30.58 | 133.0 | 31.08 | 136.1 | 31.13 | 140.6 | 31.73 | 144.1 | 31.72 | 151.0 | 31.68 | 154.3 | 31.67 |
| | 25 | 119.1 | 29.30 | 127.7 | 31.13 | 132.2 | 31.57 | 135.3 | 31.62 | 139.6 | 32.26 | 143.0 | 32.28 | 149.2 | 32.50 | 152.3 | 32.72 |
| | 27 | 119.1 | 30.08 | 127.1 | 31.75 | 131.1 | 32.15 | 134.3 | 32.25 | 138.2 | 33.04 | 141.2 | 33.27 | 146.8 | 33.71 | 149.8 | 33.93 |
| | 30 | 119.1 | 31.38 | 125.9 | 33.14 | 128.9 | 33.50 | 131.7 | 33.78 | 134.7 | 34.83 | 137.6 | 35.08 | 143.0 | 35.57 | 145.8 | 35.81 |
| | 33 | 118.9 | 33.94 | 123.1 | 34.96 | 125.6 | 35.27 | 128.4 | 35.59 | 131.1 | 36.76 | 133.8 | 37.04 | 139.2 | 37.57 | 142.0 | 37.83 |
| | 35 | 117.3 | 35.41 | 120.9 | 36.19 | 123.5 | 36.53 | 126.2 | 36.84 | 128.6 | 38.10 | 131.4 | 38.38 | 136.7 | 38.94 | 139.2 | 39.22 |
| | 37 | 115.9 | 36.95 | 118.7 | 37.46 | 121.2 | 37.80 | 123.8 | 38.14 | 126.1 | 39.45 | 128.7 | 39.74 | 134.0 | 40.33 | 136.5 | 40.61 |
| | 40 | 112.7 | 39.00 | 115.2 | 39.36 | 117.7 | 39.73 | 120.2 | 40.09 | 122.3 | 41.48 | 124.8 | 41.82 | 129.9 | 42.42 | 132.4 | 42.71 |
| | 43 | 109.3 | 40.92 | 111.8 | 41.31 | 114.1 | 41.68 | 116.6 | 42.05 | 118.4 | 43.54 | 120.9 | 43.88 | 125.8 | 44.52 | 128.3 | 44.84 |
| | 46 | 105.8 | 42.85 | 108.3 | 43.24 | 110.5 | 43.64 | 113.0 | 44.04 | 114.5 | 45.62 | 116.8 | 45.97 | 121.6 | 46.64 | 124.1 | 46.97 |
| 148.2 (120%) | 10 | 110.0 | 23.97 | 119.6 | 25.92 | 129.0 | 27.87 | 137.2 | 29.39 | 143.2 | 29.92 | 146.8 | 29.91 | 153.7 | 29.86 | 157.2 | 29.82 |
| | 15 | 110.0 | 24.65 | 119.4 | 26.65 | 129.0 | 28.68 | 136.6 | 30.03 | 142.1 | 30.53 | 145.5 | 30.52 | 152.5 | 30.49 | 156.1 | 30.45 |
| | 21 | 110.0 | 25.97 | 119.4 | 28.09 | 129.0 | 30.22 | 135.3 | 31.22 | 140.1 | 31.67 | 143.5 | 31.68 | 150.4 | 31.66 | 153.7 | 31.62 |
| | 23 | 110.0 | 26.54 | 119.4 | 28.71 | 129.0 | 30.88 | 134.5 | 31.68 | 139.2 | 32.16 | 142.7 | 32.17 | 149.3 | 32.15 | 152.8 | 32.13 |
| | 25 | 110.0 | 27.16 | 119.4 | 29.41 | 129.0 | 31.63 | 133.7 | 32.17 | 138.3 | 32.68 | 141.6 | 32.70 | 147.9 | 32.91 | 150.9 | 33.12 |
| | 27 | 110.0 | 27.87 | 119.4 | 30.17 | 128.6 | 32.33 | 132.8 | 32.75 | 136.9 | 33.44 | 139.8 | 33.67 | 145.4 | 34.14 | 148.4 | 34.36 |
| | 30 | 110.0 | 29.08 | 119.4 | 31.49 | 127.2 | 33.88 | 130.2 | 34.28 | 133.6 | 35.25 | 136.3 | 35.50 | 141.9 | 36.01 | 144.7 | 36.28 |
| | 33 | 110.0 | 30.53 | 119.4 | 34.20 | 124.5 | 35.80 | 127.2 | 36.12 | 130.1 | 37.20 | 132.8 | 37.47 | 138.1 | 38.03 | 140.9 | 38.30 |
| | 35 | 110.0 | 32.26 | 119.0 | 36.31 | 122.3 | 37.05 | 124.9 | 37.41 | 127.7 | 38.53 | 130.3 | 38.83 | 135.6 | 39.41 | 138.2 | 39.69 |
| | 37 | 110.0 | 34.55 | 117.4 | 37.89 | 120.1 | 38.36 | 122.6 | 38.72 | 125.2 | 39.90 | 127.9 | 40.21 | 132.9 | 40.82 | 135.5 | 41.10 |
| | 40 | 110.0 | 38.40 | 114.3 | 39.94 | 116.8 | 40.33 | 119.3 | 40.69 | 121.4 | 41.97 | 124.0 | 42.30 | 129.1 | 42.92 | 131.6 | 43.23 |
| | 43 | 108.2 | 41.33 | 110.8 | 41.91 | 113.3 | 42.30 | 115.8 | 42.69 | 117.6 | 44.06 | 120.0 | 44.40 | 125.0 | 45.06 | 127.5 | 45.37 |
| | 46 | 105.2 | 43.48 | 107.4 | 43.90 | 109.7 | 44.29 | 112.2 | 44.71 | 113.8 | 46.13 | 116.1 | 46.50 | 120.9 | 47.19 | 123.4 | 47.54 |
| 135.8 (110%) | 10 | 100.7 | 22.10 | 109.5 | 23.89 | 118.3 | 25.68 | 127.1 | 27.47 | 135.8 | 28.84 | 144.6 | 30.38 | 151.4 | 30.34 | 154.9 | 30.32 |
| | 15 | 100.7 | 22.72 | 109.5 | 24.57 | 118.3 | 26.41 | 127.1 | 28.26 | 135.8 | 29.71 | 143.5 | 30.99 | 150.3 | 30.98 | 153.8 | 30.95 |
| | 21 | 100.7 | 23.91 | 109.5 | 25.87 | 118.3 | 27.82 | 127.1 | 29.77 | 135.8 | 31.40 | 141.6 | 32.15 | 148.4 | 32.15 | 151.7 | 32.14 |
| | 23 | 100.7 | 24.45 | 109.5 | 26.43 | 118.3 | 28.44 | 127.1 | 30.42 | 135.8 | 32.13 | 140.7 | 32.64 | 147.3 | 32.64 | 150.6 | 32.65 |
| | 25 | 100.7 | 25.02 | 109.5 | 27.08 | 118.3 | 29.11 | 127.1 | 31.17 | 135.8 | 32.94 | 139.9 | 33.18 | 146.2 | 33.32 | 149.0 | 33.56 |
| | 27 | 100.7 | 25.67 | 109.5 | 27.78 | 118.3 | 29.87 | 127.1 | 31.99 | 135.2 | 33.75 | 138.2 | 34.08 | 143.8 | 34.57 | 146.8 | 34.81 |
| | 30 | 100.7 | 26.78 | 109.5 | 28.97 | 118.3 | 31.19 | 127.1 | 34.04 | 132.2 | 35.66 | 135.0 | 35.93 | 140.5 | 36.47 | 143.1 | 36.73 |
| | 33 | 100.7 | 28.07 | 109.5 | 30.42 | 118.3 | 33.68 | 125.9 | 36.90 | 128.8 | 37.65 | 131.5 | 37.94 | 136.8 | 38.50 | 139.3 | 38.79 |
| | 35 | 100.7 | 29.12 | 109.5 | 32.08 | 118.3 | 36.08 | 123.8 | 38.20 | 126.5 | 38.99 | 129.0 | 39.31 | 134.3 | 39.91 | 136.8 | 40.19 |
| | 37 | 100.7 | 30.47 | 109.5 | 34.37 | 118.3 | 38.71 | 121.6 | 39.55 | 124.0 | 40.38 | 126.6 | 40.71 | 131.6 | 41.32 | 134.1 | 41.62 |
| | 40 | 100.7 | 33.68 | 109.5 | 38.17 | 115.8 | 41.19 | 118.3 | 41.57 | 120.4 | 42.46 | 122.8 | 42.81 | 127.8 | 43.46 | 130.3 | 43.79 |
| | 43 | 100.7 | 37.38 | 109.5 | 42.48 | 112.3 | 43.22 | 114.8 | 43.61 | 116.6 | 44.57 | 119.0 | 44.93 | 124.0 | 45.62 | 126.2 | 45.94 |
| | 46 | 100.7 | 41.54 | 106.6 | 44.84 | 109.0 | 45.25 | 111.3 | 45.69 | 112.9 | 46.70 | 115.2 | 47.07 | 119.9 | 47.78 | 122.4 | 48.12 |
| 123.5 (100%) | 10 | 91.7 | 20.23 | 99.6 | 21.86 | 107.6 | 23.47 | 115.5 | 25.10 | 123.5 | 26.36 | 133.9 | 28.47 | 149.2 | 31.00 | 152.5 | 30.98 |
| | 15 | 91.7 | 20.79 | 99.6 | 22.46 | 107.6 | 24.14 | 115.5 | 25.82 | 123.5 | 27.14 | 133.9 | 29.33 | 148.2 | 31.64 | 151.4 | 31.63 |
| | 21 | 91.7 | 21.88 | 99.6 | 23.65 | 107.6 | 25.43 | 115.5 | 27.20 | 123.5 | 28.68 | 133.9 | 30.98 | 146.2 | 32.83 | 149.5 | 32.82 |
| | 23 | 91.7 | 22.36 | 99.6 | 24.18 | 107.6 | 25.98 | 115.5 | 27.80 | 123.5 | 29.35 | 133.9 | 31.70 | 145.4 | 33.32 | 148.7 | 33.33 |
| | 25 | 91.7 | 22.88 | 99.6 | 24.75 | 107.6 | 26.60 | 115.5 | 28.47 | 123.5 | 30.08 | 133.9 | 32.51 | 144.4 | 33.96 | 147.2 | 34.17 |
| | 27 | 91.7 | 23.47 | 99.6 | 25.40 | 107.6 | 27.30 | 115.5 | 29.20 | 123.5 | 30.91 | 133.9 | 33.40 | 142.2 | 35.20 | 145.0 | 35.44 |
| | 30 | 91.7 | 24.47 | 99.6 | 26.48 | 107.6 | 28.49 | 115.5 | 30.47 | 123.5 | 32.45 | 133.5 | 36.55 | 138.8 | 37.13 | 141.5 | 37.40 |
| | 33 | 91.7 | 25.64 | 99.6 | 27.75 | 107.6 | 29.84 | 115.5 | 32.46 | 123.5 | 35.92 | 130.0 | 38.58 | 135.3 | 39.19 | 137.8 | 39.49 |
| | 35 | 91.7 | 26.61 | 99.6 | 28.80 | 107.6 | 31.22 | 115.5 | 34.78 | 123.5 | 38.59 | 127.6 | 39.98 | 132.9 | 40.60 | 135.4 | 40.92 |
| | 37 | 91.7 | 27.67 | 99.6 | 30.09 | 107.6 | 33.42 | 115.5 | 37.30 | 122.8 | 41.04 | 125.4 | 41.39 | 130.4 | 42.04 | 132.9 | 42.37 |
| | 40 | 91.7 | 29.66 | 99.6 | 33.10 | 107.6 | 37.12 | 115.5 | 41.48 | 119.3 | 43.18 | 121.7 | 43.53 | 126.6 | 44.22 | 129.1 | 44.57 |
| | 43 | 91.7 | 32.53 | 99.6 | 36.72 | 107.6 | 41.27 | 112.5 | 43.67 | 115.6 | 45.32 | 118.1 | 45.70 | 122.8 | 46.42 | 125.3 | 46.76 |
| | 46 | 91.7 | 36.05 | 99.6 | 40.80 | 106.8 | 45.34 | 109.1 | 45.77 | 112.0 | 47.47 | 114.3 | 47.88 | 119.0 | 48.63 | 121.3 | 48.99 |

MODEL SELECTION

| Cooling capacity at rated condition: 123.5 kW (44HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 111.1 (90%) | 10 | 82.4 | 18.33 | 89.7 | 19.80 | 96.9 | 21.27 | 104.0 | 22.74 | 111.1 | 23.87 | 120.5 | 25.77 | 139.4 | 29.57 | 147.3 | 31.00 |
| | 15 | 82.4 | 18.85 | 89.7 | 20.37 | 96.9 | 21.87 | 104.0 | 23.39 | 111.1 | 24.60 | 120.5 | 26.55 | 139.4 | 30.46 | 146.3 | 31.63 |
| | 21 | 82.4 | 19.84 | 89.7 | 21.45 | 96.9 | 23.03 | 104.0 | 24.63 | 111.1 | 25.97 | 120.5 | 28.03 | 139.4 | 32.18 | 144.4 | 32.81 |
| | 23 | 82.4 | 20.27 | 89.7 | 21.91 | 96.9 | 23.54 | 104.0 | 25.17 | 111.1 | 26.56 | 120.5 | 28.68 | 139.4 | 32.93 | 143.6 | 33.32 |
| | 25 | 82.4 | 20.74 | 89.7 | 22.42 | 96.9 | 24.11 | 104.0 | 25.77 | 111.1 | 27.23 | 120.5 | 29.40 | 139.3 | 33.73 | 142.7 | 33.86 |
| | 27 | 82.4 | 21.28 | 89.7 | 22.99 | 96.9 | 24.73 | 104.0 | 26.44 | 111.1 | 27.97 | 120.5 | 30.21 | 138.1 | 34.81 | 140.9 | 35.05 |
| | 30 | 82.4 | 22.17 | 89.7 | 23.99 | 96.9 | 25.78 | 104.0 | 27.58 | 111.1 | 29.23 | 120.5 | 31.59 | 134.9 | 36.72 | 137.6 | 36.99 |
| | 33 | 82.4 | 23.23 | 89.7 | 25.12 | 96.9 | 27.00 | 104.0 | 28.90 | 111.1 | 30.79 | 120.5 | 34.60 | 131.7 | 38.77 | 134.2 | 39.06 |
| | 35 | 82.4 | 24.09 | 89.7 | 26.07 | 96.9 | 28.02 | 104.0 | 30.09 | 111.1 | 32.74 | 120.5 | 37.13 | 129.3 | 40.18 | 131.8 | 40.48 |
| | 37 | 82.4 | 25.05 | 89.7 | 27.11 | 96.9 | 29.21 | 104.0 | 31.78 | 111.1 | 35.12 | 120.5 | 39.91 | 127.1 | 41.62 | 129.3 | 41.94 |
| | 40 | 82.4 | 26.68 | 89.7 | 28.98 | 96.9 | 31.76 | 104.0 | 35.28 | 111.1 | 39.11 | 118.6 | 43.08 | 123.3 | 43.78 | 125.8 | 44.11 |
| | 43 | 82.4 | 28.71 | 89.7 | 31.53 | 96.9 | 35.20 | 104.0 | 39.18 | 111.1 | 43.58 | 115.1 | 45.24 | 119.8 | 45.96 | 122.0 | 46.32 |
| | 46 | 82.4 | 31.13 | 89.7 | 34.92 | 96.9 | 39.10 | 104.0 | 43.60 | 109.3 | 47.01 | 111.5 | 47.41 | 116.0 | 48.16 | 118.2 | 48.53 |
| 98.8 (80%) | 10 | 73.3 | 16.46 | 79.6 | 17.77 | 86.1 | 19.08 | 92.5 | 20.39 | 98.8 | 21.38 | 107.1 | 23.07 | 124.0 | 26.44 | 132.3 | 28.12 |
| | 15 | 73.3 | 16.92 | 79.6 | 18.28 | 86.1 | 19.62 | 92.5 | 20.96 | 98.8 | 22.03 | 107.1 | 23.77 | 124.0 | 27.24 | 132.3 | 28.98 |
| | 21 | 73.3 | 17.81 | 79.6 | 19.23 | 86.1 | 20.65 | 92.5 | 22.06 | 98.8 | 23.24 | 107.1 | 25.09 | 124.0 | 28.78 | 132.3 | 30.62 |
| | 23 | 73.3 | 18.19 | 79.6 | 19.63 | 86.1 | 21.08 | 92.5 | 22.55 | 98.8 | 23.78 | 107.1 | 25.66 | 124.0 | 29.43 | 132.3 | 31.33 |
| | 25 | 73.3 | 18.60 | 79.6 | 20.09 | 86.1 | 21.59 | 92.5 | 23.07 | 98.8 | 24.37 | 107.1 | 26.30 | 124.0 | 30.18 | 132.3 | 32.11 |
| | 27 | 73.3 | 19.08 | 79.6 | 20.61 | 86.1 | 22.13 | 92.5 | 23.66 | 98.8 | 25.02 | 107.1 | 27.03 | 124.0 | 31.01 | 132.3 | 33.00 |
| | 30 | 73.3 | 19.89 | 79.6 | 21.47 | 86.1 | 23.08 | 92.5 | 24.69 | 98.8 | 26.15 | 107.1 | 28.24 | 124.0 | 32.61 | 132.3 | 36.09 |
| | 33 | 73.3 | 20.81 | 79.6 | 22.50 | 86.1 | 24.18 | 92.5 | 25.85 | 98.8 | 27.47 | 107.1 | 29.66 | 124.0 | 36.13 | 129.8 | 38.56 |
| | 35 | 73.3 | 21.59 | 79.6 | 23.34 | 86.1 | 25.08 | 92.5 | 26.82 | 98.8 | 28.52 | 107.1 | 31.00 | 124.0 | 38.79 | 127.6 | 39.96 |
| | 37 | 73.3 | 22.43 | 79.6 | 24.25 | 86.1 | 26.07 | 92.5 | 27.91 | 98.8 | 29.82 | 107.1 | 33.23 | 123.0 | 41.07 | 125.4 | 41.39 |
| | 40 | 73.3 | 23.90 | 79.6 | 25.84 | 86.1 | 27.78 | 92.5 | 29.93 | 98.8 | 32.73 | 107.1 | 36.96 | 119.7 | 43.23 | 121.9 | 43.56 |
| | 43 | 73.3 | 25.58 | 79.6 | 27.72 | 86.1 | 30.01 | 92.5 | 32.93 | 98.8 | 36.36 | 107.1 | 41.16 | 116.2 | 45.40 | 118.4 | 45.76 |
| | 46 | 73.3 | 27.57 | 79.6 | 30.04 | 86.1 | 32.97 | 92.5 | 36.52 | 98.8 | 40.43 | 107.1 | 45.89 | 112.6 | 47.60 | 114.9 | 47.96 |
| 86.4 (70%) | 10 | 64.2 | 14.59 | 69.7 | 15.74 | 75.2 | 16.89 | 80.9 | 18.01 | 86.4 | 18.90 | 93.8 | 20.37 | 108.4 | 23.31 | 115.8 | 24.80 |
| | 15 | 64.2 | 14.99 | 69.7 | 16.17 | 75.2 | 17.35 | 80.9 | 18.52 | 86.4 | 19.46 | 93.8 | 20.98 | 108.4 | 24.01 | 115.8 | 25.54 |
| | 21 | 64.2 | 15.77 | 69.7 | 17.01 | 75.2 | 18.24 | 80.9 | 19.49 | 86.4 | 20.52 | 93.8 | 22.14 | 108.4 | 25.36 | 115.8 | 26.99 |
| | 23 | 64.2 | 16.10 | 69.7 | 17.36 | 75.2 | 18.64 | 80.9 | 19.90 | 86.4 | 20.99 | 93.8 | 22.63 | 108.4 | 25.95 | 115.8 | 27.60 |
| | 25 | 64.2 | 16.48 | 69.7 | 17.77 | 75.2 | 19.08 | 80.9 | 20.36 | 86.4 | 21.51 | 93.8 | 23.20 | 108.4 | 26.59 | 115.8 | 28.28 |
| | 27 | 64.2 | 16.88 | 69.7 | 18.22 | 75.2 | 19.56 | 80.9 | 20.90 | 86.4 | 22.08 | 93.8 | 23.84 | 108.4 | 27.32 | 115.8 | 29.06 |
| | 30 | 64.2 | 17.59 | 69.7 | 18.98 | 75.2 | 20.38 | 80.9 | 21.79 | 86.4 | 23.07 | 93.8 | 24.89 | 108.4 | 28.56 | 115.8 | 30.38 |
| | 33 | 64.2 | 18.40 | 69.7 | 19.87 | 75.2 | 21.35 | 80.9 | 22.82 | 86.4 | 24.22 | 93.8 | 26.15 | 108.4 | 29.99 | 115.8 | 32.47 |
| | 35 | 64.2 | 19.08 | 69.7 | 20.61 | 75.2 | 22.13 | 80.9 | 23.66 | 86.4 | 25.14 | 93.8 | 27.15 | 108.4 | 31.54 | 115.8 | 34.83 |
| | 37 | 64.2 | 19.81 | 69.7 | 21.41 | 75.2 | 23.02 | 80.9 | 24.60 | 86.4 | 26.16 | 93.8 | 28.25 | 108.4 | 33.81 | 115.8 | 37.40 |
| | 40 | 64.2 | 21.09 | 69.7 | 22.80 | 75.2 | 24.49 | 80.9 | 26.20 | 86.4 | 27.92 | 93.8 | 30.40 | 108.4 | 37.62 | 115.8 | 41.70 |
| | 43 | 64.2 | 22.59 | 69.7 | 24.41 | 75.2 | 26.25 | 80.9 | 28.15 | 86.4 | 30.19 | 93.8 | 33.68 | 108.4 | 41.89 | 114.0 | 45.07 |
| | 46 | 64.2 | 24.30 | 69.7 | 26.28 | 75.2 | 28.34 | 80.9 | 30.50 | 86.4 | 33.27 | 93.8 | 37.41 | 108.4 | 46.75 | 110.7 | 47.26 |
| 74.1 (60%) | 10 | 54.9 | 12.72 | 59.8 | 13.71 | 64.5 | 14.67 | 69.4 | 15.66 | 74.1 | 16.41 | 80.4 | 17.67 | 93.0 | 20.21 | 99.3 | 21.47 |
| | 15 | 54.9 | 13.07 | 59.8 | 14.08 | 64.5 | 15.08 | 69.4 | 16.09 | 74.1 | 16.89 | 80.4 | 18.18 | 93.0 | 20.80 | 99.3 | 22.11 |
| | 21 | 54.9 | 13.72 | 59.8 | 14.79 | 64.5 | 15.86 | 69.4 | 16.92 | 74.1 | 17.81 | 80.4 | 19.18 | 93.0 | 21.96 | 99.3 | 23.33 |
| | 23 | 54.9 | 14.01 | 59.8 | 15.09 | 64.5 | 16.18 | 69.4 | 17.28 | 74.1 | 18.19 | 80.4 | 19.61 | 93.0 | 22.44 | 99.3 | 23.86 |
| | 25 | 54.9 | 14.34 | 59.8 | 15.44 | 64.5 | 16.56 | 69.4 | 17.68 | 74.1 | 18.65 | 80.4 | 20.09 | 93.0 | 23.01 | 99.3 | 24.46 |
| | 27 | 54.9 | 14.69 | 59.8 | 15.82 | 64.5 | 16.97 | 69.4 | 18.12 | 74.1 | 19.13 | 80.4 | 20.63 | 93.0 | 23.63 | 99.3 | 25.13 |
| | 30 | 54.9 | 15.29 | 59.8 | 16.49 | 64.5 | 17.69 | 69.4 | 18.88 | 74.1 | 19.99 | 80.4 | 21.57 | 93.0 | 24.70 | 99.3 | 26.26 |
| | 33 | 54.9 | 15.99 | 59.8 | 17.25 | 64.5 | 18.51 | 69.4 | 19.77 | 74.1 | 20.96 | 80.4 | 22.62 | 93.0 | 25.92 | 99.3 | 27.57 |
| | 35 | 54.9 | 16.56 | 59.8 | 17.87 | 64.5 | 19.19 | 69.4 | 20.50 | 74.1 | 21.77 | 80.4 | 23.48 | 93.0 | 26.91 | 99.3 | 28.63 |
| | 37 | 54.9 | 17.21 | 59.8 | 18.58 | 64.5 | 19.94 | 69.4 | 21.31 | 74.1 | 22.64 | 80.4 | 24.43 | 93.0 | 28.01 | 99.3 | 29.94 |
| | 40 | 54.9 | 18.29 | 59.8 | 19.76 | 64.5 | 21.20 | 69.4 | 22.67 | 74.1 | 24.13 | 80.4 | 26.05 | 93.0 | 30.12 | 99.3 | 32.94 |
| | 43 | 54.9 | 19.57 | 59.8 | 21.14 | 64.5 | 22.72 | 69.4 | 24.27 | 74.1 | 25.87 | 80.4 | 28.01 | 93.0 | 33.25 | 99.3 | 36.60 |
| | 46 | 54.9 | 21.04 | 59.8 | 22.75 | 64.5 | 24.43 | 69.4 | 26.14 | 74.1 | 27.94 | 80.4 | 30.37 | 93.0 | 36.91 | 99.3 | 40.70 |
| 61.8 (50%) | 10 | 45.8 | 10.85 | 49.7 | 11.67 | 53.8 | 12.48 | 57.7 | 13.30 | 61.8 | 13.92 | 67.0 | 14.97 | 77.4 | 17.08 | 82.6 | 18.15 |
| | 15 | 45.8 | 11.14 | 49.7 | 11.97 | 53.8 | 12.83 | 57.7 | 13.66 | 61.8 | 14.33 | 67.0 | 15.40 | 77.4 | 17.59 | 82.6 | 18.66 |
| | 21 | 45.8 | 11.68 | 49.7 | 12.57 | 53.8 | 13.45 | 57.7 | 14.36 | 61.8 | 15.08 | 67.0 | 16.23 | 77.4 | 18.54 | 82.6 | 19.69 |
| | 23 | 45.8 | 11.93 | 49.7 | 12.83 | 53.8 | 13.74 | 57.7 | 14.65 | 61.8 | 15.41 | 67.0 | 16.59 | 77.4 | 18.96 | 82.6 | 20.14 |
| | 25 | 45.8 | 12.19 | 49.7 | 13.11 | 53.8 | 14.04 | 57.7 | 14.98 | 61.8 | 15.78 | 67.0 | 16.99 | 77.4 | 19.42 | 82.6 | 20.63 |
| | 27 | 45.8 | 12.49 | 49.7 | 13.43 | 53.8 | 14.40 | 57.7 | 15.36 | 61.8 | 16.21 | 67.0 | 17.45 | 77.4 | 19.93 | 82.6 | 21.19 |
| | 30 | 45.8 | 12.98 | 49.7 | 14.00 | 53.8 | 14.99 | 57.7 | 15.98 | 61.8 | 16.91 | 67.0 | 18.22 | 77.4 | 20.82 | 82.6 | 22.13 |
| | 33 | 45.8 | 13.57 | 49.7 | 14.62 | 53.8 | 15.67 | 57.7 | 16.71 | 61.8 | 17.72 | 67.0 | 19.11 | 77.4 | 21.85 | 82.6 | 23.23 |
| | 35 | 45.8 | 14.05 | 49.7 | 15.14 | 53.8 | 16.24 | 57.7 | 17.32 | 61.8 | 18.38 | 67.0 | 19.82 | 77.4 | 22.68 | 82.6 | 24.10 |
| | 37 | 45.8 | 14.59 | 49.7 | 15.72 | 53.8 | 16.87 | 57.7 | 17.99 | 61.8 | 19.11 | 67.0 | 20.61 | 77.4 | 23.60 | 82.6 | 25.09 |
| | 40 | 45.8 | 15.49 | 49.7 | 16.71 | 53.8 | 17.92 | 57.7 | 19.14 | 61.8 | 20.37 | 67.0 | 21.97 | 77.4 | 25.15 | 82.6 | 26.75 |
| | 43 | 45.8 | 16.55 | 49.7 | 17.86 | 53.8 | 19.17 | 57.7 | 20.48 | 61.8 | 21.81 | 67.0 | 23.55 | 77.4 | 26.97 | 82.6 | 28.83 |
| | 46 | 45.8 | 17.78 | 49.7 | 19.20 | 53.8 | 20.61 | 57.7 | 22.03 | 61.8 | 23.50 | 67.0 | 25.37 | 77.4 | 29.22 | 82.6 | 31.28 |

# ■ Model: AJ∗414GALDH

| Cooling capacity at rated condition: 130.0 kW (46HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 195.0 (150%) | 10 | 138.9 | 29.19 | 144.6 | 29.72 | 148.2 | 29.75 | 152.0 | 29.78 | 157.0 | 30.41 | 161.0 | 30.39 | 168.7 | 30.31 | 172.8 | 30.25 |
| | 15 | 138.3 | 29.82 | 143.5 | 30.29 | 147.1 | 30.33 | 150.9 | 30.36 | 155.7 | 31.04 | 159.5 | 31.02 | 167.3 | 30.94 | 171.4 | 30.91 |
| | 21 | 137.1 | 31.03 | 141.7 | 31.36 | 145.2 | 31.42 | 148.8 | 31.48 | 153.3 | 32.22 | 156.9 | 32.22 | 164.4 | 32.25 | 168.1 | 32.29 |
| | 23 | 136.5 | 31.55 | 140.8 | 31.82 | 144.4 | 31.88 | 147.9 | 31.94 | 152.1 | 32.75 | 155.7 | 32.83 | 162.8 | 32.96 | 166.4 | 33.01 |
| | 25 | 135.9 | 32.12 | 139.9 | 32.32 | 143.3 | 32.46 | 146.5 | 32.60 | 150.5 | 33.49 | 154.1 | 33.58 | 160.7 | 33.90 | 163.9 | 34.14 |
| | 27 | 135.2 | 32.90 | 138.4 | 33.04 | 141.8 | 33.21 | 145.2 | 33.35 | 148.7 | 34.37 | 151.8 | 34.62 | 158.0 | 35.13 | 160.9 | 35.38 |
| | 30 | 133.1 | 34.04 | 136.2 | 34.29 | 139.1 | 34.63 | 142.1 | 34.94 | 144.8 | 36.23 | 147.7 | 36.51 | 153.6 | 37.09 | 156.5 | 37.36 |
| | 33 | 129.7 | 35.77 | 132.6 | 36.13 | 135.5 | 36.47 | 138.2 | 36.83 | 140.7 | 38.24 | 143.6 | 38.54 | 149.2 | 39.15 | 152.1 | 39.42 |
| | 35 | 127.3 | 37.04 | 130.2 | 37.40 | 132.9 | 37.77 | 135.8 | 38.13 | 137.9 | 39.59 | 140.7 | 39.91 | 146.3 | 40.52 | 149.2 | 40.82 |
| | 37 | 124.9 | 38.31 | 127.6 | 38.69 | 130.5 | 39.06 | 133.2 | 39.42 | 135.1 | 40.96 | 138.0 | 41.28 | 143.3 | 41.91 | 146.2 | 42.21 |
| | 40 | 121.1 | 40.23 | 123.8 | 40.62 | 126.6 | 40.99 | 129.3 | 41.38 | 130.9 | 43.01 | 133.6 | 43.34 | 138.9 | 44.00 | 141.5 | 44.30 |
| | 43 | 117.5 | 42.16 | 119.9 | 42.56 | 122.6 | 42.97 | 125.2 | 43.36 | 126.6 | 45.07 | 129.2 | 45.42 | 134.4 | 46.08 | 137.1 | 46.41 |
| | 46 | 113.7 | 44.10 | 116.1 | 44.52 | 118.7 | 44.94 | 121.1 | 45.35 | 122.3 | 47.13 | 124.8 | 47.51 | 130.0 | 48.19 | 132.4 | 48.52 |
| 182.0 (140%) | 10 | 134.9 | 28.86 | 141.6 | 29.67 | 146.6 | 30.10 | 150.1 | 30.13 | 155.4 | 30.70 | 159.2 | 30.67 | 167.0 | 30.60 | 171.0 | 30.57 |
| | 15 | 134.7 | 29.61 | 140.8 | 30.32 | 145.4 | 30.68 | 149.0 | 30.71 | 154.1 | 31.32 | 158.0 | 31.30 | 165.7 | 31.25 | 169.6 | 31.20 |
| | 21 | 133.5 | 30.80 | 139.6 | 31.56 | 143.6 | 31.77 | 147.2 | 31.82 | 151.8 | 32.50 | 155.5 | 32.50 | 163.1 | 32.47 | 166.7 | 32.53 |
| | 23 | 132.9 | 31.29 | 139.0 | 32.08 | 142.8 | 32.22 | 146.3 | 32.28 | 150.8 | 32.98 | 154.4 | 33.06 | 161.4 | 33.20 | 165.0 | 33.26 |
| | 25 | 132.3 | 31.86 | 138.4 | 32.65 | 141.8 | 32.75 | 145.2 | 32.89 | 149.3 | 33.73 | 152.8 | 33.82 | 159.4 | 34.12 | 162.5 | 34.36 |
| | 27 | 131.7 | 32.48 | 137.2 | 33.34 | 140.4 | 33.48 | 143.8 | 33.64 | 147.5 | 34.57 | 150.6 | 34.84 | 156.7 | 35.35 | 159.7 | 35.60 |
| | 30 | 130.7 | 33.76 | 134.8 | 34.58 | 138.0 | 34.89 | 140.9 | 35.23 | 143.7 | 36.45 | 146.7 | 36.73 | 152.6 | 37.30 | 155.5 | 37.59 |
| | 33 | 128.7 | 36.03 | 131.5 | 36.42 | 134.4 | 36.78 | 137.1 | 37.14 | 139.7 | 38.45 | 142.6 | 38.78 | 148.2 | 39.40 | 151.1 | 39.68 |
| | 35 | 126.4 | 37.32 | 129.1 | 37.71 | 131.8 | 38.07 | 134.7 | 38.45 | 137.0 | 39.84 | 139.7 | 40.17 | 145.5 | 40.79 | 148.2 | 41.09 |
| | 37 | 123.9 | 38.61 | 126.7 | 39.00 | 129.4 | 39.38 | 132.1 | 39.75 | 134.3 | 41.21 | 137.0 | 41.54 | 142.6 | 42.19 | 145.2 | 42.49 |
| | 40 | 120.3 | 40.56 | 122.9 | 40.95 | 125.6 | 41.36 | 128.2 | 41.74 | 130.1 | 43.26 | 132.9 | 43.62 | 138.2 | 44.29 | 140.8 | 44.60 |
| | 43 | 116.5 | 42.51 | 119.1 | 42.92 | 121.8 | 43.34 | 124.4 | 43.73 | 125.9 | 45.34 | 128.5 | 45.72 | 133.7 | 46.40 | 136.2 | 46.73 |
| | 46 | 112.9 | 44.48 | 115.3 | 44.90 | 117.9 | 45.34 | 120.3 | 45.75 | 121.6 | 47.44 | 124.1 | 47.80 | 129.1 | 48.51 | 131.7 | 48.86 |
| 169.0 (130%) | 10 | 125.4 | 26.92 | 136.3 | 29.12 | 143.3 | 30.13 | 148.1 | 30.52 | 153.7 | 31.02 | 157.4 | 31.02 | 165.1 | 30.97 | 168.9 | 30.92 |
| | 15 | 125.4 | 27.67 | 136.3 | 29.95 | 142.7 | 30.78 | 147.2 | 31.12 | 152.5 | 31.66 | 156.2 | 31.64 | 163.9 | 31.62 | 167.7 | 31.57 |
| | 21 | 125.4 | 29.14 | 135.5 | 31.31 | 141.3 | 32.04 | 145.2 | 32.23 | 150.3 | 32.83 | 153.9 | 32.84 | 161.3 | 32.82 | 165.0 | 32.84 |
| | 23 | 125.4 | 29.78 | 135.1 | 31.82 | 140.9 | 32.57 | 144.4 | 32.68 | 149.3 | 33.34 | 153.0 | 33.35 | 160.0 | 33.49 | 163.4 | 33.57 |
| | 25 | 125.4 | 30.48 | 134.5 | 32.40 | 140.2 | 33.13 | 143.5 | 33.22 | 148.0 | 34.00 | 151.4 | 34.09 | 158.0 | 34.40 | 161.1 | 34.66 |
| | 27 | 125.4 | 31.28 | 133.9 | 33.04 | 138.9 | 33.82 | 142.2 | 33.96 | 146.3 | 34.84 | 149.4 | 35.11 | 155.3 | 35.64 | 158.5 | 35.91 |
| | 30 | 125.4 | 32.61 | 132.7 | 34.48 | 136.5 | 35.23 | 139.4 | 35.56 | 142.6 | 36.71 | 145.6 | 37.01 | 151.2 | 37.61 | 154.2 | 37.90 |
| | 33 | 125.2 | 35.19 | 130.3 | 36.75 | 133.0 | 37.11 | 135.9 | 37.49 | 138.7 | 38.76 | 141.5 | 39.08 | 147.1 | 39.72 | 150.0 | 40.02 |
| | 35 | 123.6 | 36.83 | 128.0 | 38.06 | 130.6 | 38.44 | 133.5 | 38.80 | 136.0 | 40.14 | 138.9 | 40.47 | 144.4 | 41.12 | 147.1 | 41.44 |
| | 37 | 122.2 | 38.51 | 125.6 | 39.37 | 128.2 | 39.75 | 130.9 | 40.14 | 133.3 | 41.53 | 136.0 | 41.86 | 141.5 | 42.53 | 144.2 | 42.85 |
| | 40 | 119.2 | 40.93 | 121.8 | 41.34 | 124.5 | 41.75 | 127.1 | 42.15 | 129.3 | 43.61 | 131.9 | 43.98 | 137.2 | 44.66 | 139.8 | 44.98 |
| | 43 | 115.7 | 42.92 | 118.3 | 43.35 | 120.7 | 43.77 | 123.3 | 44.18 | 125.1 | 45.70 | 127.8 | 46.08 | 132.8 | 46.78 | 135.4 | 47.13 |
| | 46 | 111.9 | 44.91 | 114.5 | 45.35 | 116.9 | 45.79 | 119.5 | 46.22 | 120.9 | 47.82 | 123.4 | 48.20 | 128.4 | 48.93 | 131.0 | 49.28 |
| 156.0 (120%) | 10 | 115.8 | 24.98 | 125.9 | 27.00 | 135.8 | 29.03 | 144.5 | 30.62 | 151.6 | 31.36 | 155.7 | 31.44 | 163.1 | 31.41 | 166.9 | 31.39 |
| | 15 | 115.8 | 25.67 | 125.7 | 27.76 | 135.8 | 29.86 | 143.9 | 31.29 | 150.7 | 32.06 | 154.3 | 32.06 | 161.9 | 32.06 | 165.7 | 32.04 |
| | 21 | 115.8 | 27.03 | 125.7 | 29.23 | 135.8 | 31.45 | 142.7 | 32.54 | 148.6 | 33.25 | 152.2 | 33.27 | 159.5 | 33.28 | 163.1 | 33.26 |
| | 23 | 115.8 | 27.61 | 125.7 | 29.86 | 135.8 | 32.12 | 142.1 | 33.09 | 147.7 | 33.75 | 151.3 | 33.78 | 158.2 | 33.87 | 161.8 | 33.95 |
| | 25 | 115.8 | 28.26 | 125.7 | 30.58 | 135.8 | 32.89 | 141.5 | 33.68 | 146.5 | 34.35 | 149.9 | 34.45 | 156.5 | 34.76 | 159.6 | 35.02 |
| | 27 | 115.8 | 28.98 | 125.7 | 31.37 | 135.4 | 33.61 | 140.6 | 34.41 | 145.0 | 35.21 | 148.0 | 35.47 | 153.9 | 36.03 | 157.0 | 36.29 |
| | 30 | 115.8 | 30.23 | 125.7 | 32.72 | 134.0 | 35.21 | 137.8 | 36.00 | 141.4 | 37.08 | 144.2 | 37.38 | 150.0 | 38.00 | 152.9 | 38.31 |
| | 33 | 115.8 | 31.67 | 125.7 | 35.46 | 131.7 | 37.59 | 134.5 | 37.96 | 137.6 | 39.15 | 140.4 | 39.47 | 145.9 | 40.14 | 148.8 | 40.45 |
| | 35 | 115.8 | 33.40 | 125.3 | 37.75 | 129.3 | 38.92 | 132.0 | 39.32 | 135.0 | 40.53 | 137.8 | 40.88 | 143.3 | 41.55 | 145.9 | 41.87 |
| | 37 | 115.8 | 35.84 | 123.7 | 39.47 | 127.0 | 40.27 | 129.6 | 40.67 | 132.3 | 41.94 | 135.1 | 42.29 | 140.4 | 42.98 | 143.0 | 43.31 |
| | 40 | 115.8 | 39.84 | 120.9 | 41.87 | 123.5 | 42.30 | 126.1 | 42.71 | 128.3 | 44.06 | 131.0 | 44.43 | 136.3 | 45.13 | 138.9 | 45.47 |
| | 43 | 114.0 | 42.97 | 117.1 | 43.91 | 119.7 | 44.34 | 122.3 | 44.77 | 124.3 | 46.19 | 126.7 | 46.57 | 131.9 | 47.30 | 134.5 | 47.65 |
| | 46 | 111.2 | 45.51 | 113.6 | 45.97 | 115.9 | 46.40 | 118.5 | 46.86 | 120.2 | 48.31 | 122.6 | 48.71 | 127.6 | 49.47 | 130.1 | 49.84 |
| 143.0 (110%) | 10 | 106.0 | 23.03 | 115.3 | 24.89 | 124.5 | 26.75 | 133.8 | 28.61 | 143.0 | 30.03 | 152.7 | 31.76 | 160.5 | 31.88 | 164.3 | 31.87 |
| | 15 | 106.0 | 23.67 | 115.3 | 25.59 | 124.5 | 27.51 | 133.8 | 29.42 | 143.0 | 30.92 | 151.9 | 32.48 | 159.4 | 32.54 | 163.1 | 32.52 |
| | 21 | 106.0 | 24.90 | 115.3 | 26.93 | 124.5 | 28.95 | 133.8 | 30.98 | 143.0 | 32.67 | 150.0 | 33.73 | 157.3 | 33.76 | 160.8 | 33.76 |
| | 23 | 106.0 | 25.45 | 115.3 | 27.51 | 124.5 | 29.59 | 133.8 | 31.65 | 143.0 | 33.42 | 149.1 | 34.23 | 156.2 | 34.27 | 159.5 | 34.37 |
| | 25 | 106.0 | 26.04 | 115.3 | 28.17 | 124.5 | 30.28 | 133.8 | 32.42 | 143.0 | 34.26 | 148.1 | 34.84 | 154.6 | 35.13 | 157.6 | 35.41 |
| | 27 | 106.0 | 26.70 | 115.3 | 28.89 | 124.5 | 31.06 | 133.8 | 33.25 | 142.4 | 35.14 | 146.2 | 35.84 | 152.1 | 36.42 | 155.2 | 36.70 |
| | 30 | 106.0 | 27.84 | 115.3 | 30.12 | 124.5 | 32.42 | 133.8 | 35.34 | 139.9 | 37.44 | 142.7 | 37.76 | 148.5 | 38.40 | 151.2 | 38.71 |
| | 33 | 106.0 | 29.17 | 115.3 | 31.56 | 124.5 | 34.91 | 132.8 | 38.50 | 136.2 | 39.55 | 138.9 | 39.89 | 144.5 | 40.56 | 147.1 | 40.89 |
| | 35 | 106.0 | 30.28 | 115.3 | 33.21 | 124.5 | 37.48 | 130.8 | 40.05 | 133.6 | 40.95 | 136.3 | 41.32 | 141.8 | 42.01 | 144.5 | 42.33 |
| | 37 | 106.0 | 31.53 | 115.3 | 35.64 | 124.5 | 40.25 | 128.4 | 41.45 | 131.1 | 42.38 | 133.7 | 42.75 | 139.0 | 43.44 | 141.6 | 43.79 |
| | 40 | 106.0 | 34.86 | 115.3 | 39.60 | 122.4 | 43.12 | 125.0 | 43.54 | 127.2 | 44.51 | 129.7 | 44.91 | 134.9 | 45.63 | 137.5 | 45.99 |
| | 43 | 106.0 | 38.70 | 115.3 | 44.10 | 118.7 | 45.22 | 121.2 | 45.65 | 123.2 | 46.67 | 125.6 | 47.07 | 130.8 | 47.83 | 133.2 | 48.18 |
| | 46 | 106.0 | 43.04 | 112.6 | 46.86 | 115.1 | 47.32 | 117.5 | 47.79 | 119.2 | 48.85 | 121.6 | 49.25 | 126.5 | 50.03 | 129.0 | 50.40 |
| 130.0 (100%) | 10 | 96.5 | 21.09 | 104.9 | 22.78 | 113.2 | 24.45 | 121.6 | 26.15 | 130.0 | 27.45 | 141.0 | 29.64 | 158.0 | 32.52 | 161.5 | 32.52 |
| | 15 | 96.5 | 21.67 | 104.9 | 23.40 | 113.2 | 25.15 | 121.6 | 26.89 | 130.0 | 28.26 | 141.0 | 30.53 | 156.9 | 33.18 | 160.4 | 33.18 |
| | 21 | 96.5 | 22.78 | 104.9 | 24.62 | 113.2 | 26.48 | 121.6 | 28.31 | 130.0 | 29.84 | 141.0 | 32.23 | 154.8 | 34.41 | 158.3 | 34.42 |
| | 23 | 96.5 | 23.28 | 104.9 | 25.17 | 113.2 | 27.04 | 121.6 | 28.92 | 130.0 | 30.53 | 141.0 | 32.98 | 153.9 | 34.92 | 157.4 | 34.94 |
| | 25 | 96.5 | 23.81 | 104.9 | 25.75 | 113.2 | 27.67 | 121.6 | 29.61 | 130.0 | 31.29 | 141.0 | 33.81 | 152.6 | 35.68 | 155.5 | 35.97 |
| | 27 | 96.5 | 24.42 | 104.9 | 26.42 | 113.2 | 28.39 | 121.6 | 30.37 | 130.0 | 32.14 | 141.0 | 34.74 | 150.3 | 36.99 | 153.2 | 37.27 |
| | 30 | 96.5 | 25.45 | 104.9 | 27.53 | 113.2 | 29.61 | 121.6 | 31.67 | 130.0 | 33.67 | 140.8 | 38.16 | 146.6 | 39.00 | 149.5 | 39.32 |
| | 33 | 96.5 | 26.65 | 104.9 | 28.84 | 113.2 | 31.01 | 121.6 | 33.60 | 130.0 | 37.33 | 137.4 | 40.47 | 142.8 | 41.18 | 145.5 | 41.53 |
| | 35 | 96.5 | 27.67 | 104.9 | 29.95 | 113.2 | 32.30 | 121.6 | 36.09 | 130.0 | 40.18 | 134.8 | 41.94 | 140.2 | 42.65 | 142.9 | 43.01 |
| | 37 | 96.5 | 28.81 | 104.9 | 31.17 | 113.2 | 34.64 | 121.6 | 38.74 | 129.5 | 42.87 | 132.4 | 43.39 | 137.6 | 44.12 | 140.2 | 44.49 |
| | 40 | 96.5 | 30.73 | 104.9 | 34.25 | 113.2 | 38.49 | 121.6 | 43.12 | 125.9 | 45.19 | 128.4 | 45.58 | 133.6 | 46.35 | 136.2 | 46.73 |
| | 43 | 96.5 | 33.60 | 104.9 | 38.01 | 113.2 | 42.83 | 118.8 | 45.66 | 122.1 | 47.39 | 124.6 | 47.81 | 129.6 | 48.59 | 132.1 | 48.96 |
| | 46 | 96.5 | 37.25 | 104.9 | 42.26 | 112.6 | 47.22 | 115.1 | 47.82 | 118.2 | 49.59 | 120.6 | 50.03 | 125.5 | 50.85 | 127.8 | 51.24 |

MODEL SELECTION

| Cooling capacity at rated condition: 130.0 kW (46HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 117.0 (90%) | 10 | 86.7 | 19.12 | 94.4 | 20.65 | 102.0 | 22.17 | 109.5 | 23.70 | 117.0 | 24.87 | 126.9 | 26.84 | 146.8 | 30.78 | 155.8 | 32.47 |
| | 15 | 86.7 | 19.65 | 94.4 | 21.23 | 102.0 | 22.79 | 109.5 | 24.37 | 117.0 | 25.61 | 126.9 | 27.64 | 146.8 | 31.70 | 154.8 | 33.16 |
| | 21 | 86.7 | 20.67 | 94.4 | 22.34 | 102.0 | 23.98 | 109.5 | 25.64 | 117.0 | 27.03 | 126.9 | 29.17 | 146.8 | 33.48 | 152.8 | 34.39 |
| | 23 | 86.7 | 21.12 | 94.4 | 22.81 | 102.0 | 24.50 | 109.5 | 26.20 | 117.0 | 27.64 | 126.9 | 29.84 | 146.8 | 34.25 | 152.0 | 34.91 |
| | 25 | 86.7 | 21.59 | 94.4 | 23.34 | 102.0 | 25.08 | 109.5 | 26.81 | 117.0 | 28.33 | 126.9 | 30.59 | 146.8 | 35.11 | 150.9 | 35.54 |
| | 27 | 86.7 | 22.15 | 94.4 | 23.93 | 102.0 | 25.72 | 109.5 | 27.50 | 117.0 | 29.09 | 126.9 | 31.42 | 146.0 | 36.52 | 148.9 | 36.83 |
| | 30 | 86.7 | 23.07 | 94.4 | 24.95 | 102.0 | 26.81 | 109.5 | 28.67 | 117.0 | 30.40 | 126.9 | 32.84 | 142.6 | 38.52 | 145.4 | 38.83 |
| | 33 | 86.7 | 24.15 | 94.4 | 26.12 | 102.0 | 28.06 | 109.5 | 30.03 | 117.0 | 31.92 | 126.9 | 35.91 | 139.1 | 40.69 | 141.7 | 41.03 |
| | 35 | 86.7 | 25.06 | 94.4 | 27.11 | 102.0 | 29.15 | 109.5 | 31.20 | 117.0 | 33.93 | 126.9 | 38.62 | 136.5 | 42.16 | 139.1 | 42.51 |
| | 37 | 86.7 | 26.09 | 94.4 | 28.23 | 102.0 | 30.34 | 109.5 | 32.90 | 117.0 | 36.45 | 126.9 | 41.52 | 134.1 | 43.64 | 136.5 | 44.00 |
| | 40 | 86.7 | 27.81 | 94.4 | 30.09 | 102.0 | 32.83 | 109.5 | 36.55 | 117.0 | 40.59 | 125.2 | 45.08 | 130.2 | 45.86 | 132.7 | 46.23 |
| | 43 | 86.7 | 29.81 | 94.4 | 32.55 | 102.0 | 36.41 | 109.5 | 40.61 | 117.0 | 45.26 | 121.5 | 47.30 | 126.4 | 48.09 | 128.7 | 48.48 |
| | 46 | 86.7 | 32.12 | 94.4 | 36.07 | 102.0 | 40.46 | 109.5 | 45.22 | 115.4 | 49.08 | 117.7 | 49.52 | 122.4 | 50.34 | 124.7 | 50.73 |
| 104.0 (80%) | 10 | 77.1 | 17.18 | 83.8 | 18.54 | 90.7 | 19.89 | 97.3 | 21.25 | 104.0 | 22.28 | 112.7 | 24.03 | 130.5 | 27.53 | 139.2 | 29.28 |
| | 15 | 77.1 | 17.65 | 83.8 | 19.06 | 90.7 | 20.45 | 97.3 | 21.84 | 104.0 | 22.95 | 112.7 | 24.75 | 130.5 | 28.36 | 139.2 | 30.17 |
| | 21 | 77.1 | 18.56 | 83.8 | 20.03 | 90.7 | 21.50 | 97.3 | 22.98 | 104.0 | 24.20 | 112.7 | 26.12 | 130.5 | 29.95 | 139.2 | 31.86 |
| | 23 | 77.1 | 18.95 | 83.8 | 20.45 | 90.7 | 21.95 | 97.3 | 23.47 | 104.0 | 24.75 | 112.7 | 26.70 | 130.5 | 30.62 | 139.2 | 32.59 |
| | 25 | 77.1 | 19.37 | 83.8 | 20.92 | 90.7 | 22.48 | 97.3 | 24.01 | 104.0 | 25.36 | 112.7 | 27.37 | 130.5 | 31.39 | 139.2 | 33.40 |
| | 27 | 77.1 | 19.87 | 83.8 | 21.45 | 90.7 | 23.04 | 97.3 | 24.62 | 104.0 | 26.04 | 112.7 | 28.11 | 130.5 | 32.25 | 139.2 | 34.31 |
| | 30 | 77.1 | 20.70 | 83.8 | 22.34 | 90.7 | 24.01 | 97.3 | 25.67 | 104.0 | 27.20 | 112.7 | 29.37 | 130.5 | 33.83 | 139.2 | 37.52 |
| | 33 | 77.1 | 21.65 | 83.8 | 23.39 | 90.7 | 25.14 | 97.3 | 26.87 | 104.0 | 28.56 | 112.7 | 30.84 | 130.5 | 37.54 | 137.1 | 40.44 |
| | 35 | 77.1 | 22.47 | 83.8 | 24.28 | 90.7 | 26.09 | 97.3 | 27.90 | 104.0 | 29.67 | 112.7 | 32.07 | 130.5 | 40.39 | 134.7 | 41.91 |
| | 37 | 77.1 | 23.37 | 83.8 | 25.26 | 90.7 | 27.15 | 97.3 | 29.06 | 104.0 | 30.92 | 112.7 | 34.45 | 129.7 | 42.96 | 132.4 | 43.39 |
| | 40 | 77.1 | 24.92 | 83.8 | 26.95 | 90.7 | 28.95 | 97.3 | 30.98 | 104.0 | 33.86 | 112.7 | 38.32 | 126.3 | 45.24 | 128.7 | 45.61 |
| | 43 | 77.1 | 26.68 | 83.8 | 28.87 | 90.7 | 31.04 | 97.3 | 34.02 | 104.0 | 37.62 | 112.7 | 42.69 | 122.6 | 47.47 | 124.9 | 47.86 |
| | 46 | 77.1 | 28.73 | 83.8 | 31.09 | 90.7 | 34.01 | 97.3 | 37.75 | 104.0 | 41.85 | 112.7 | 47.62 | 118.9 | 49.72 | 121.2 | 50.12 |
| 91.0 (70%) | 10 | 67.6 | 15.23 | 73.4 | 16.42 | 79.2 | 17.62 | 85.2 | 18.79 | 91.0 | 19.70 | 98.8 | 21.23 | 114.1 | 24.29 | 121.9 | 25.84 |
| | 15 | 67.6 | 15.65 | 73.4 | 16.87 | 79.2 | 18.09 | 85.2 | 19.31 | 91.0 | 20.28 | 98.8 | 21.86 | 114.1 | 25.01 | 121.9 | 26.59 |
| | 21 | 67.6 | 16.45 | 73.4 | 17.73 | 79.2 | 19.01 | 85.2 | 20.31 | 91.0 | 21.37 | 98.8 | 23.06 | 114.1 | 26.40 | 121.9 | 28.09 |
| | 23 | 67.6 | 16.78 | 73.4 | 18.09 | 79.2 | 19.42 | 85.2 | 20.73 | 91.0 | 21.86 | 98.8 | 23.56 | 114.1 | 27.00 | 121.9 | 28.72 |
| | 25 | 67.6 | 17.17 | 73.4 | 18.51 | 79.2 | 19.87 | 85.2 | 21.20 | 91.0 | 22.39 | 98.8 | 24.15 | 114.1 | 27.67 | 121.9 | 29.42 |
| | 27 | 67.6 | 17.59 | 73.4 | 18.98 | 79.2 | 20.37 | 85.2 | 21.75 | 91.0 | 22.98 | 98.8 | 24.81 | 114.1 | 28.42 | 121.9 | 30.23 |
| | 30 | 67.6 | 18.31 | 73.4 | 19.76 | 79.2 | 21.20 | 85.2 | 22.67 | 91.0 | 24.01 | 98.8 | 25.90 | 114.1 | 29.70 | 121.9 | 31.59 |
| | 33 | 67.6 | 19.14 | 73.4 | 20.67 | 79.2 | 22.20 | 85.2 | 23.72 | 91.0 | 25.20 | 98.8 | 27.20 | 114.1 | 31.17 | 121.9 | 33.63 |
| | 35 | 67.6 | 19.87 | 73.4 | 21.45 | 79.2 | 23.03 | 85.2 | 24.62 | 91.0 | 26.17 | 98.8 | 28.25 | 114.1 | 32.65 | 121.9 | 36.15 |
| | 37 | 67.6 | 20.65 | 73.4 | 22.31 | 79.2 | 23.97 | 85.2 | 25.62 | 91.0 | 27.26 | 98.8 | 29.42 | 114.1 | 35.06 | 121.9 | 38.86 |
| | 40 | 67.6 | 22.00 | 73.4 | 23.78 | 79.2 | 25.54 | 85.2 | 27.31 | 91.0 | 29.09 | 98.8 | 31.42 | 114.1 | 39.02 | 121.9 | 43.34 |
| | 43 | 67.6 | 23.56 | 73.4 | 25.45 | 79.2 | 27.37 | 85.2 | 29.28 | 91.0 | 31.20 | 98.8 | 34.80 | 114.1 | 43.47 | 120.3 | 47.10 |
| | 46 | 67.6 | 25.34 | 73.4 | 27.40 | 79.2 | 29.47 | 85.2 | 31.53 | 91.0 | 34.32 | 98.8 | 38.66 | 114.1 | 48.54 | 116.8 | 49.36 |
| 78.0 (60%) | 10 | 57.8 | 13.29 | 63.0 | 14.31 | 67.9 | 15.32 | 73.1 | 16.34 | 78.0 | 17.12 | 84.6 | 18.42 | 97.9 | 21.06 | 104.5 | 22.37 |
| | 15 | 57.8 | 13.65 | 63.0 | 14.70 | 67.9 | 15.73 | 73.1 | 16.78 | 78.0 | 17.62 | 84.6 | 18.95 | 97.9 | 21.67 | 104.5 | 23.03 |
| | 21 | 57.8 | 14.32 | 63.0 | 15.42 | 67.9 | 16.53 | 73.1 | 17.64 | 78.0 | 18.56 | 84.6 | 19.98 | 97.9 | 22.86 | 104.5 | 24.29 |
| | 23 | 57.8 | 14.62 | 63.0 | 15.73 | 67.9 | 16.87 | 73.1 | 18.01 | 78.0 | 18.95 | 84.6 | 20.43 | 97.9 | 23.37 | 104.5 | 24.84 |
| | 25 | 57.8 | 14.95 | 63.0 | 16.09 | 67.9 | 17.26 | 73.1 | 18.42 | 78.0 | 19.42 | 84.6 | 20.93 | 97.9 | 23.95 | 104.5 | 25.45 |
| | 27 | 57.8 | 15.31 | 63.0 | 16.48 | 67.9 | 17.68 | 73.1 | 18.87 | 78.0 | 19.93 | 84.6 | 21.48 | 97.9 | 24.59 | 104.5 | 26.14 |
| | 30 | 57.8 | 15.92 | 63.0 | 17.17 | 67.9 | 18.42 | 73.1 | 19.65 | 78.0 | 20.81 | 84.6 | 22.45 | 97.9 | 25.70 | 104.5 | 27.31 |
| | 33 | 57.8 | 16.64 | 63.0 | 17.95 | 67.9 | 19.26 | 73.1 | 20.56 | 78.0 | 21.81 | 84.6 | 23.53 | 97.9 | 26.95 | 104.5 | 28.67 |
| | 35 | 57.8 | 17.26 | 63.0 | 18.62 | 67.9 | 19.98 | 73.1 | 21.34 | 78.0 | 22.67 | 84.6 | 24.45 | 97.9 | 28.01 | 104.5 | 29.79 |
| | 37 | 57.8 | 17.95 | 63.0 | 19.36 | 67.9 | 20.78 | 73.1 | 22.20 | 78.0 | 23.59 | 84.6 | 25.45 | 97.9 | 29.17 | 104.5 | 31.04 |
| | 40 | 57.8 | 19.09 | 63.0 | 20.61 | 67.9 | 22.12 | 73.1 | 23.64 | 78.0 | 25.17 | 84.6 | 27.17 | 97.9 | 31.17 | 104.5 | 34.08 |
| | 43 | 57.8 | 20.42 | 63.0 | 22.06 | 67.9 | 23.70 | 73.1 | 25.31 | 78.0 | 26.98 | 84.6 | 29.14 | 97.9 | 34.35 | 104.5 | 37.87 |
| | 46 | 57.8 | 21.95 | 63.0 | 23.73 | 67.9 | 25.48 | 73.1 | 27.26 | 78.0 | 29.09 | 84.6 | 31.40 | 97.9 | 38.14 | 104.5 | 42.13 |
| 65.0 (50%) | 10 | 48.2 | 11.34 | 52.3 | 12.20 | 56.6 | 13.04 | 60.7 | 13.89 | 65.0 | 14.53 | 70.5 | 15.62 | 81.5 | 17.81 | 87.0 | 18.92 |
| | 15 | 48.2 | 11.65 | 52.3 | 12.51 | 56.6 | 13.39 | 60.7 | 14.26 | 65.0 | 14.95 | 70.5 | 16.07 | 81.5 | 18.34 | 87.0 | 19.45 |
| | 21 | 48.2 | 12.20 | 52.3 | 13.12 | 56.6 | 14.04 | 60.7 | 14.98 | 65.0 | 15.73 | 70.5 | 16.92 | 81.5 | 19.31 | 87.0 | 20.51 |
| | 23 | 48.2 | 12.45 | 52.3 | 13.39 | 56.6 | 14.34 | 60.7 | 15.28 | 65.0 | 16.07 | 70.5 | 17.29 | 81.5 | 19.75 | 87.0 | 20.98 |
| | 25 | 48.2 | 12.73 | 52.3 | 13.68 | 56.6 | 14.65 | 60.7 | 15.62 | 65.0 | 16.45 | 70.5 | 17.70 | 81.5 | 20.23 | 87.0 | 21.48 |
| | 27 | 48.2 | 13.03 | 52.3 | 14.01 | 56.6 | 15.01 | 60.7 | 16.00 | 65.0 | 16.89 | 70.5 | 18.17 | 81.5 | 20.76 | 87.0 | 22.06 |
| | 30 | 48.2 | 13.54 | 52.3 | 14.59 | 56.6 | 15.62 | 60.7 | 16.65 | 65.0 | 17.62 | 70.5 | 18.98 | 81.5 | 21.67 | 87.0 | 23.03 |
| | 33 | 48.2 | 14.14 | 52.3 | 15.23 | 56.6 | 16.31 | 60.7 | 17.40 | 65.0 | 18.45 | 70.5 | 19.89 | 81.5 | 22.73 | 87.0 | 24.17 |
| | 35 | 48.2 | 14.65 | 52.3 | 15.78 | 56.6 | 16.92 | 60.7 | 18.04 | 65.0 | 19.15 | 70.5 | 20.64 | 81.5 | 23.62 | 87.0 | 25.09 |
| | 37 | 48.2 | 15.23 | 52.3 | 16.40 | 56.6 | 17.59 | 60.7 | 18.76 | 65.0 | 19.93 | 70.5 | 21.48 | 81.5 | 24.59 | 87.0 | 26.14 |
| | 40 | 48.2 | 16.17 | 52.3 | 17.45 | 56.6 | 18.70 | 60.7 | 19.98 | 65.0 | 21.25 | 70.5 | 22.92 | 81.5 | 26.23 | 87.0 | 27.90 |
| | 43 | 48.2 | 17.28 | 52.3 | 18.65 | 56.6 | 20.01 | 60.7 | 21.37 | 65.0 | 22.76 | 70.5 | 24.56 | 81.5 | 28.12 | 87.0 | 29.92 |
| | 46 | 48.2 | 18.56 | 52.3 | 20.03 | 56.6 | 21.51 | 60.7 | 22.98 | 65.0 | 24.50 | 70.5 | 26.45 | 81.5 | 30.31 | 87.0 | 32.26 |

# ■ Model: AJ∗432GALDH

| Cooling capacity at rated condition: 135.0 kW (48HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 202.5 (150%) | 10 | 141.6 | 30.72 | 145.5 | 30.75 | 149.1 | 30.78 | 153.0 | 30.81 | 158.5 | 31.68 | 162.6 | 31.65 | 170.4 | 31.56 | 174.6 | 31.50 |
| | 15 | 140.7 | 31.29 | 144.3 | 31.35 | 147.9 | 31.38 | 151.8 | 31.41 | 157.2 | 32.34 | 161.1 | 32.31 | 168.9 | 32.22 | 173.1 | 32.19 |
| | 21 | 138.9 | 32.40 | 142.5 | 32.46 | 146.1 | 32.52 | 149.7 | 32.58 | 154.7 | 33.57 | 158.4 | 33.57 | 166.2 | 33.51 | 170.1 | 33.45 |
| | 23 | 138.0 | 32.88 | 141.6 | 32.94 | 145.2 | 33.00 | 148.8 | 33.06 | 153.7 | 34.08 | 157.5 | 34.08 | 165.0 | 34.02 | 168.9 | 33.99 |
| | 25 | 137.1 | 33.39 | 140.7 | 33.45 | 144.3 | 33.51 | 147.6 | 33.57 | 152.5 | 34.65 | 156.3 | 34.65 | 163.2 | 34.89 | 166.5 | 35.13 |
| | 27 | 136.2 | 33.96 | 139.5 | 34.02 | 143.1 | 34.11 | 146.7 | 34.17 | 150.9 | 35.43 | 154.2 | 35.67 | 160.5 | 36.18 | 163.5 | 36.42 |
| | 30 | 134.4 | 34.89 | 137.7 | 35.10 | 140.7 | 35.43 | 143.7 | 35.73 | 147.0 | 37.35 | 150.0 | 37.62 | 156.0 | 38.19 | 159.0 | 38.46 |
| | 33 | 131.1 | 36.63 | 134.1 | 36.99 | 137.1 | 37.32 | 139.8 | 37.68 | 142.8 | 39.45 | 145.8 | 39.75 | 151.5 | 40.35 | 154.5 | 40.62 |
| | 35 | 128.7 | 37.95 | 131.7 | 38.31 | 134.4 | 38.67 | 137.4 | 39.03 | 140.0 | 40.86 | 142.8 | 41.19 | 148.5 | 41.79 | 151.5 | 42.09 |
| | 37 | 126.3 | 39.27 | 129.0 | 39.66 | 132.0 | 40.02 | 134.7 | 40.38 | 137.2 | 42.30 | 140.1 | 42.63 | 145.5 | 43.26 | 148.5 | 43.56 |
| | 40 | 122.4 | 41.28 | 125.1 | 41.67 | 128.1 | 42.03 | 130.8 | 42.42 | 132.9 | 44.46 | 135.6 | 44.79 | 141.0 | 45.45 | 143.7 | 45.75 |
| | 43 | 118.8 | 43.29 | 121.2 | 43.68 | 123.9 | 44.10 | 126.6 | 44.49 | 128.5 | 46.62 | 131.1 | 46.98 | 136.5 | 47.64 | 139.2 | 47.97 |
| | 46 | 114.9 | 45.30 | 117.3 | 45.72 | 120.0 | 46.14 | 122.4 | 46.56 | 124.1 | 48.78 | 126.6 | 49.17 | 132.0 | 49.86 | 134.4 | 50.19 |
| 189.0 (140%) | 10 | 140.1 | 31.05 | 144.6 | 31.26 | 148.2 | 31.32 | 151.8 | 31.35 | 157.5 | 32.10 | 161.4 | 32.07 | 169.2 | 31.98 | 173.4 | 31.95 |
| | 15 | 139.8 | 31.83 | 143.4 | 31.86 | 147.0 | 31.92 | 150.6 | 31.95 | 156.2 | 32.76 | 160.2 | 32.73 | 168.0 | 32.67 | 171.9 | 32.61 |
| | 21 | 138.0 | 32.94 | 141.6 | 33.00 | 145.2 | 33.06 | 148.8 | 33.12 | 153.8 | 33.99 | 157.5 | 33.99 | 165.3 | 33.93 | 169.2 | 33.90 |
| | 23 | 137.1 | 33.39 | 140.7 | 33.48 | 144.3 | 33.54 | 147.9 | 33.60 | 152.8 | 34.50 | 156.6 | 34.50 | 164.1 | 34.47 | 168.0 | 34.44 |
| | 25 | 136.2 | 33.93 | 139.8 | 33.99 | 143.4 | 34.08 | 147.0 | 34.14 | 151.7 | 35.10 | 155.4 | 35.10 | 162.3 | 35.31 | 165.6 | 35.55 |
| | 27 | 135.3 | 34.50 | 138.9 | 34.59 | 142.2 | 34.65 | 145.8 | 34.74 | 150.2 | 35.82 | 153.3 | 36.09 | 159.6 | 36.60 | 162.6 | 36.84 |
| | 30 | 133.8 | 35.43 | 136.8 | 35.67 | 140.1 | 35.97 | 143.1 | 36.30 | 146.3 | 37.77 | 149.4 | 38.04 | 155.4 | 38.61 | 158.4 | 38.91 |
| | 33 | 130.8 | 37.20 | 133.5 | 37.56 | 136.5 | 37.92 | 139.2 | 38.28 | 142.2 | 39.87 | 145.2 | 40.20 | 150.9 | 40.83 | 153.9 | 41.10 |
| | 35 | 128.4 | 38.52 | 131.1 | 38.91 | 133.8 | 39.27 | 136.8 | 39.66 | 139.5 | 41.34 | 142.2 | 41.67 | 148.2 | 42.30 | 150.9 | 42.60 |
| | 37 | 125.7 | 39.87 | 128.7 | 40.26 | 131.4 | 40.65 | 134.1 | 41.01 | 136.7 | 42.78 | 139.5 | 43.11 | 145.2 | 43.77 | 147.9 | 44.07 |
| | 40 | 122.1 | 41.91 | 124.8 | 42.30 | 127.5 | 42.72 | 130.2 | 43.11 | 132.4 | 44.94 | 135.3 | 45.30 | 140.7 | 45.99 | 143.4 | 46.29 |
| | 43 | 118.2 | 43.95 | 120.9 | 44.37 | 123.6 | 44.79 | 126.3 | 45.18 | 128.1 | 47.13 | 130.8 | 47.52 | 136.2 | 48.21 | 138.6 | 48.54 |
| | 46 | 114.6 | 46.02 | 117.0 | 46.44 | 119.7 | 46.89 | 122.1 | 47.31 | 123.8 | 49.35 | 126.3 | 49.71 | 131.4 | 50.43 | 134.1 | 50.79 |
| 175.5 (130%) | 10 | 130.2 | 28.95 | 141.6 | 31.32 | 147.0 | 31.92 | 150.6 | 31.95 | 156.4 | 32.58 | 160.2 | 32.58 | 168.0 | 32.52 | 171.9 | 32.46 |
| | 15 | 130.2 | 29.76 | 141.6 | 32.22 | 146.1 | 32.52 | 149.7 | 32.58 | 155.2 | 33.27 | 159.0 | 33.24 | 166.8 | 33.21 | 170.7 | 33.15 |
| | 21 | 130.2 | 31.35 | 140.4 | 33.60 | 144.0 | 33.69 | 147.6 | 33.75 | 152.9 | 34.50 | 156.6 | 34.50 | 164.1 | 34.47 | 168.0 | 34.47 |
| | 23 | 130.2 | 32.04 | 139.8 | 34.08 | 143.4 | 34.17 | 146.7 | 34.23 | 151.9 | 35.04 | 155.7 | 35.04 | 163.2 | 35.01 | 166.8 | 35.01 |
| | 25 | 130.2 | 32.79 | 138.9 | 34.62 | 142.5 | 34.71 | 145.8 | 34.77 | 150.8 | 35.61 | 154.5 | 35.61 | 161.4 | 35.82 | 164.7 | 36.09 |
| | 27 | 130.2 | 33.66 | 138.0 | 35.22 | 141.3 | 35.31 | 144.9 | 35.37 | 149.4 | 36.33 | 152.7 | 36.60 | 158.7 | 37.14 | 162.0 | 37.41 |
| | 30 | 130.2 | 35.10 | 136.2 | 36.30 | 139.2 | 36.63 | 142.2 | 36.96 | 145.7 | 38.28 | 148.8 | 38.58 | 154.5 | 39.18 | 157.5 | 39.48 |
| | 33 | 129.9 | 37.83 | 132.9 | 38.22 | 135.6 | 38.58 | 138.6 | 38.97 | 141.7 | 40.44 | 144.6 | 40.77 | 150.3 | 41.43 | 153.3 | 41.73 |
| | 35 | 127.5 | 39.21 | 130.5 | 39.60 | 133.2 | 39.99 | 136.2 | 40.35 | 138.9 | 41.91 | 141.9 | 42.24 | 147.6 | 42.90 | 150.3 | 43.23 |
| | 37 | 125.4 | 40.56 | 128.1 | 40.98 | 130.8 | 41.37 | 133.5 | 41.76 | 136.2 | 43.38 | 138.9 | 43.71 | 144.6 | 44.40 | 147.3 | 44.73 |
| | 40 | 121.5 | 42.63 | 124.2 | 43.05 | 126.9 | 43.47 | 129.6 | 43.89 | 132.0 | 45.57 | 134.7 | 45.96 | 140.1 | 46.65 | 142.8 | 46.98 |
| | 43 | 117.9 | 44.73 | 120.6 | 45.18 | 123.0 | 45.60 | 125.7 | 46.02 | 127.8 | 47.79 | 130.5 | 48.18 | 135.6 | 48.90 | 138.3 | 49.26 |
| | 46 | 114.0 | 46.83 | 116.7 | 47.28 | 119.1 | 47.73 | 121.8 | 48.18 | 123.5 | 50.04 | 126.0 | 50.43 | 131.1 | 51.18 | 133.8 | 51.54 |
| 162.0 (120%) | 10 | 120.3 | 26.85 | 130.8 | 29.04 | 141.0 | 31.23 | 149.4 | 32.76 | 155.4 | 33.21 | 159.3 | 33.21 | 166.8 | 33.18 | 170.7 | 33.15 |
| | 15 | 120.3 | 27.60 | 130.5 | 29.85 | 141.0 | 32.13 | 148.5 | 33.39 | 154.2 | 33.87 | 157.8 | 33.87 | 165.6 | 33.87 | 169.5 | 33.84 |
| | 21 | 120.3 | 29.07 | 130.5 | 31.44 | 141.0 | 33.84 | 146.7 | 34.56 | 152.0 | 35.13 | 155.7 | 35.16 | 163.2 | 35.16 | 166.8 | 35.13 |
| | 23 | 120.3 | 29.70 | 130.5 | 32.13 | 141.0 | 34.56 | 145.8 | 35.07 | 151.0 | 35.67 | 154.8 | 35.70 | 162.0 | 35.70 | 165.9 | 35.70 |
| | 25 | 120.3 | 30.39 | 130.5 | 32.91 | 141.0 | 35.40 | 144.9 | 35.61 | 150.0 | 36.24 | 153.6 | 36.27 | 160.5 | 36.48 | 163.8 | 36.75 |
| | 27 | 120.3 | 31.17 | 130.5 | 33.75 | 140.4 | 36.12 | 144.0 | 36.21 | 148.7 | 36.99 | 151.8 | 37.26 | 157.8 | 37.83 | 161.1 | 38.10 |
| | 30 | 120.3 | 32.52 | 130.5 | 35.22 | 138.3 | 37.47 | 141.3 | 37.80 | 145.0 | 38.97 | 147.9 | 39.27 | 153.9 | 39.90 | 156.9 | 40.23 |
| | 33 | 120.3 | 34.08 | 130.5 | 38.16 | 135.0 | 39.48 | 138.0 | 39.87 | 141.1 | 41.16 | 144.0 | 41.49 | 149.7 | 42.18 | 152.7 | 42.51 |
| | 35 | 120.3 | 35.94 | 129.9 | 40.50 | 132.6 | 40.89 | 135.3 | 41.31 | 138.4 | 42.63 | 141.3 | 42.99 | 147.0 | 43.68 | 149.7 | 44.01 |
| | 37 | 120.3 | 38.58 | 127.5 | 41.91 | 130.2 | 42.33 | 132.9 | 42.75 | 135.7 | 44.13 | 138.6 | 44.49 | 144.0 | 45.21 | 146.7 | 45.54 |
| | 40 | 120.3 | 42.93 | 123.9 | 44.04 | 126.6 | 44.49 | 129.3 | 44.91 | 131.6 | 46.38 | 134.4 | 46.77 | 139.8 | 47.49 | 142.5 | 47.85 |
| | 43 | 117.6 | 45.75 | 120.0 | 46.20 | 122.7 | 46.65 | 125.4 | 47.10 | 127.4 | 48.66 | 129.9 | 49.05 | 135.3 | 49.80 | 138.0 | 50.16 |
| | 46 | 114.0 | 47.91 | 116.4 | 48.39 | 118.8 | 48.84 | 121.5 | 49.32 | 123.2 | 50.91 | 125.7 | 51.33 | 130.8 | 52.11 | 133.5 | 52.50 |
| 148.5 (110%) | 10 | 110.1 | 24.75 | 119.7 | 26.76 | 129.3 | 28.77 | 138.9 | 30.78 | 148.5 | 32.31 | 157.5 | 33.90 | 165.0 | 33.87 | 168.9 | 33.87 |
| | 15 | 110.1 | 25.44 | 119.7 | 27.51 | 129.3 | 29.58 | 138.9 | 31.65 | 148.5 | 33.27 | 156.3 | 34.56 | 163.8 | 34.59 | 167.7 | 34.56 |
| | 21 | 110.1 | 26.76 | 119.7 | 28.95 | 129.3 | 31.14 | 138.9 | 33.33 | 148.5 | 35.16 | 154.2 | 35.85 | 161.7 | 35.88 | 165.3 | 35.88 |
| | 23 | 110.1 | 27.36 | 119.7 | 29.58 | 129.3 | 31.83 | 138.9 | 34.05 | 148.5 | 35.97 | 153.3 | 36.39 | 160.5 | 36.42 | 164.1 | 36.45 |
| | 25 | 110.1 | 27.99 | 119.7 | 30.30 | 129.3 | 32.58 | 138.9 | 34.89 | 148.5 | 36.87 | 152.4 | 36.99 | 159.3 | 37.17 | 162.3 | 37.47 |
| | 27 | 110.1 | 28.71 | 119.7 | 31.08 | 129.3 | 33.42 | 138.9 | 35.79 | 147.5 | 37.65 | 150.6 | 37.95 | 156.6 | 38.55 | 159.9 | 38.85 |
| | 30 | 110.1 | 29.94 | 119.7 | 32.40 | 129.3 | 34.89 | 138.9 | 38.01 | 144.1 | 39.66 | 147.0 | 39.99 | 153.0 | 40.65 | 155.7 | 40.98 |
| | 33 | 110.1 | 31.38 | 119.7 | 33.96 | 129.3 | 37.56 | 137.4 | 41.16 | 140.2 | 41.91 | 143.1 | 42.27 | 148.8 | 42.96 | 151.5 | 43.32 |
| | 35 | 110.1 | 32.58 | 119.7 | 35.73 | 129.3 | 40.35 | 135.0 | 42.63 | 137.6 | 43.41 | 140.4 | 43.80 | 146.1 | 44.52 | 148.8 | 44.85 |
| | 37 | 110.1 | 33.93 | 119.7 | 38.37 | 129.3 | 43.35 | 132.6 | 44.13 | 134.9 | 44.94 | 137.7 | 45.33 | 143.1 | 46.05 | 145.8 | 46.41 |
| | 40 | 110.1 | 37.53 | 119.7 | 42.66 | 126.3 | 45.93 | 129.0 | 46.38 | 130.9 | 47.22 | 133.5 | 47.64 | 138.9 | 48.39 | 141.6 | 48.78 |
| | 43 | 110.1 | 41.70 | 119.7 | 47.55 | 122.4 | 48.18 | 125.1 | 48.63 | 126.8 | 49.53 | 129.3 | 49.95 | 134.7 | 50.76 | 137.1 | 51.12 |
| | 46 | 110.1 | 46.41 | 116.1 | 49.95 | 118.8 | 50.43 | 121.2 | 50.94 | 122.7 | 51.87 | 125.1 | 52.29 | 130.2 | 53.10 | 132.9 | 53.49 |
| 135.0 (100%) | 10 | 100.2 | 22.65 | 108.9 | 24.48 | 117.6 | 26.28 | 126.3 | 28.11 | 135.0 | 29.52 | 146.4 | 31.89 | 163.5 | 34.83 | 167.1 | 34.83 |
| | 15 | 100.2 | 23.28 | 108.9 | 25.14 | 117.6 | 27.03 | 126.3 | 28.92 | 135.0 | 30.39 | 146.4 | 32.85 | 162.3 | 35.55 | 165.9 | 35.55 |
| | 21 | 100.2 | 24.48 | 108.9 | 26.46 | 117.6 | 28.47 | 126.3 | 30.45 | 135.0 | 32.10 | 146.4 | 34.68 | 160.2 | 36.87 | 163.8 | 36.87 |
| | 23 | 100.2 | 25.02 | 108.9 | 27.06 | 117.6 | 29.07 | 126.3 | 31.11 | 135.0 | 32.85 | 146.4 | 35.49 | 159.3 | 37.41 | 162.9 | 37.44 |
| | 25 | 100.2 | 25.59 | 108.9 | 27.69 | 117.6 | 29.76 | 126.3 | 31.86 | 135.0 | 33.66 | 146.4 | 36.39 | 158.1 | 38.16 | 161.1 | 38.46 |
| | 27 | 100.2 | 26.25 | 108.9 | 28.41 | 117.6 | 30.54 | 126.3 | 32.67 | 135.0 | 34.59 | 146.4 | 37.38 | 155.7 | 39.57 | 158.7 | 39.87 |
| | 30 | 100.2 | 27.36 | 108.9 | 29.61 | 117.6 | 31.86 | 126.3 | 34.08 | 135.0 | 36.21 | 146.1 | 41.01 | 151.8 | 41.73 | 154.8 | 42.06 |
| | 33 | 100.2 | 28.65 | 108.9 | 31.02 | 117.6 | 33.36 | 126.3 | 36.15 | 135.0 | 40.17 | 142.2 | 43.32 | 147.9 | 44.07 | 150.6 | 44.46 |
| | 35 | 100.2 | 29.76 | 108.9 | 32.22 | 117.6 | 34.74 | 126.3 | 38.85 | 135.0 | 43.26 | 139.5 | 44.91 | 145.2 | 45.66 | 147.9 | 46.05 |
| | 37 | 100.2 | 30.99 | 108.9 | 33.54 | 117.6 | 37.29 | 126.3 | 41.73 | 134.3 | 46.05 | 137.1 | 46.47 | 142.5 | 47.25 | 145.2 | 47.64 |
| | 40 | 100.2 | 33.06 | 108.9 | 36.87 | 117.6 | 41.46 | 126.3 | 46.47 | 130.3 | 48.42 | 132.9 | 48.84 | 138.3 | 49.65 | 141.0 | 50.07 |
| | 43 | 100.2 | 36.18 | 108.9 | 40.95 | 117.6 | 46.17 | 123.0 | 48.90 | 126.3 | 50.79 | 129.0 | 51.24 | 134.1 | 52.08 | 136.8 | 52.47 |
| | 46 | 100.2 | 40.14 | 108.9 | 45.57 | 116.7 | 50.73 | 119.1 | 51.24 | 122.3 | 53.16 | 124.8 | 53.64 | 129.9 | 54.51 | 132.3 | 54.93 |

MODEL SELECTION

| Cooling capacity at rated condition: 135.0 kW (48HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 121.5 (90%) | 10 | 90.0 | 20.52 | 98.1 | 22.17 | 105.9 | 23.82 | 113.7 | 25.47 | 121.5 | 26.73 | 131.7 | 28.86 | 152.4 | 33.12 | 161.4 | 34.83 |
| | 15 | 90.0 | 21.09 | 98.1 | 22.80 | 105.9 | 24.48 | 113.7 | 26.19 | 121.5 | 27.54 | 131.7 | 29.73 | 152.4 | 34.11 | 160.2 | 35.52 |
| | 21 | 90.0 | 22.20 | 98.1 | 24.00 | 105.9 | 25.77 | 113.7 | 27.57 | 121.5 | 29.07 | 131.7 | 31.38 | 152.4 | 36.03 | 158.1 | 36.84 |
| | 23 | 90.0 | 22.68 | 98.1 | 24.51 | 105.9 | 26.34 | 113.7 | 28.17 | 121.5 | 29.73 | 131.7 | 32.10 | 152.4 | 36.87 | 157.2 | 37.41 |
| | 25 | 90.0 | 23.19 | 98.1 | 25.08 | 105.9 | 26.97 | 113.7 | 28.83 | 121.5 | 30.48 | 131.7 | 32.91 | 152.4 | 37.80 | 156.3 | 38.01 |
| | 27 | 90.0 | 23.79 | 98.1 | 25.71 | 105.9 | 27.66 | 113.7 | 29.58 | 121.5 | 31.29 | 131.7 | 33.81 | 151.2 | 39.09 | 154.2 | 39.39 |
| | 30 | 90.0 | 24.78 | 98.1 | 26.82 | 105.9 | 28.83 | 113.7 | 30.84 | 121.5 | 32.70 | 131.7 | 35.34 | 147.6 | 41.22 | 150.6 | 41.55 |
| | 33 | 90.0 | 25.95 | 98.1 | 28.08 | 105.9 | 30.18 | 113.7 | 32.31 | 121.5 | 34.35 | 131.7 | 38.64 | 144.0 | 43.56 | 146.7 | 43.92 |
| | 35 | 90.0 | 26.94 | 98.1 | 29.16 | 105.9 | 31.35 | 113.7 | 33.57 | 121.5 | 36.51 | 131.7 | 41.58 | 141.3 | 45.15 | 144.0 | 45.51 |
| | 37 | 90.0 | 28.05 | 98.1 | 30.36 | 105.9 | 32.64 | 113.7 | 35.40 | 121.5 | 39.24 | 131.7 | 44.73 | 138.9 | 46.74 | 141.3 | 47.13 |
| | 40 | 90.0 | 29.91 | 98.1 | 32.37 | 105.9 | 35.34 | 113.7 | 39.36 | 121.5 | 43.74 | 129.6 | 48.30 | 134.7 | 49.14 | 137.4 | 49.53 |
| | 43 | 90.0 | 32.07 | 98.1 | 35.04 | 105.9 | 39.21 | 113.7 | 43.77 | 121.5 | 48.81 | 125.7 | 50.70 | 130.8 | 51.54 | 133.2 | 51.96 |
| | 46 | 90.0 | 34.56 | 98.1 | 38.85 | 105.9 | 43.62 | 113.7 | 48.78 | 119.4 | 52.62 | 121.8 | 53.10 | 126.6 | 53.97 | 129.0 | 54.39 |
| 108.0 (80%) | 10 | 80.1 | 18.42 | 87.0 | 19.89 | 94.2 | 21.36 | 101.1 | 22.83 | 108.0 | 23.94 | 117.0 | 25.83 | 135.6 | 29.61 | 144.6 | 31.50 |
| | 15 | 80.1 | 18.93 | 87.0 | 20.46 | 94.2 | 21.96 | 101.1 | 23.46 | 108.0 | 24.66 | 117.0 | 26.61 | 135.6 | 30.51 | 144.6 | 32.46 |
| | 21 | 80.1 | 19.92 | 87.0 | 21.51 | 94.2 | 23.10 | 101.1 | 24.69 | 108.0 | 26.01 | 117.0 | 28.08 | 135.6 | 32.22 | 144.6 | 34.29 |
| | 23 | 80.1 | 20.34 | 87.0 | 21.96 | 94.2 | 23.58 | 101.1 | 25.23 | 108.0 | 26.61 | 117.0 | 28.71 | 135.6 | 32.94 | 144.6 | 35.07 |
| | 25 | 80.1 | 20.79 | 87.0 | 22.47 | 94.2 | 24.15 | 101.1 | 25.80 | 108.0 | 27.27 | 117.0 | 29.43 | 135.6 | 33.78 | 144.6 | 35.94 |
| | 27 | 80.1 | 21.33 | 87.0 | 23.04 | 94.2 | 24.75 | 101.1 | 26.46 | 108.0 | 27.99 | 117.0 | 30.24 | 135.6 | 34.71 | 144.6 | 36.93 |
| | 30 | 80.1 | 22.23 | 87.0 | 24.00 | 94.2 | 25.80 | 101.1 | 27.60 | 108.0 | 29.25 | 117.0 | 31.59 | 135.6 | 36.39 | 144.6 | 40.38 |
| | 33 | 80.1 | 23.25 | 87.0 | 25.14 | 94.2 | 27.03 | 101.1 | 28.89 | 108.0 | 30.72 | 117.0 | 33.18 | 135.6 | 40.41 | 141.9 | 43.29 |
| | 35 | 80.1 | 24.15 | 87.0 | 26.10 | 94.2 | 28.05 | 101.1 | 30.00 | 108.0 | 31.92 | 117.0 | 34.50 | 135.6 | 43.50 | 139.5 | 44.88 |
| | 37 | 80.1 | 25.11 | 87.0 | 27.15 | 94.2 | 29.19 | 101.1 | 31.26 | 108.0 | 33.27 | 117.0 | 37.08 | 134.4 | 46.08 | 137.1 | 46.47 |
| | 40 | 80.1 | 26.79 | 87.0 | 28.98 | 94.2 | 31.14 | 101.1 | 33.33 | 108.0 | 36.45 | 117.0 | 41.28 | 130.8 | 48.48 | 133.2 | 48.87 |
| | 43 | 80.1 | 28.68 | 87.0 | 31.05 | 94.2 | 33.39 | 101.1 | 36.63 | 108.0 | 40.53 | 117.0 | 46.02 | 126.9 | 50.88 | 129.3 | 51.30 |
| | 46 | 80.1 | 30.90 | 87.0 | 33.45 | 94.2 | 36.63 | 101.1 | 40.68 | 108.0 | 45.12 | 117.0 | 51.39 | 123.0 | 53.31 | 125.4 | 53.73 |
| 94.5 (70%) | 10 | 70.2 | 16.32 | 76.2 | 17.61 | 82.2 | 18.90 | 88.5 | 20.16 | 94.5 | 21.15 | 102.6 | 22.80 | 118.5 | 26.10 | 126.6 | 27.78 |
| | 15 | 70.2 | 16.77 | 76.2 | 18.09 | 82.2 | 19.41 | 88.5 | 20.73 | 94.5 | 21.78 | 102.6 | 23.49 | 118.5 | 26.88 | 126.6 | 28.59 |
| | 21 | 70.2 | 17.64 | 76.2 | 19.02 | 82.2 | 20.40 | 88.5 | 21.81 | 94.5 | 22.95 | 102.6 | 24.78 | 118.5 | 28.38 | 126.6 | 30.21 |
| | 23 | 70.2 | 18.00 | 76.2 | 19.41 | 82.2 | 20.85 | 88.5 | 22.26 | 94.5 | 23.49 | 102.6 | 25.32 | 118.5 | 29.04 | 126.6 | 30.90 |
| | 25 | 70.2 | 18.42 | 76.2 | 19.86 | 82.2 | 21.33 | 88.5 | 22.77 | 94.5 | 24.06 | 102.6 | 25.95 | 118.5 | 29.76 | 126.6 | 31.65 |
| | 27 | 70.2 | 18.87 | 76.2 | 20.37 | 82.2 | 21.87 | 88.5 | 23.37 | 94.5 | 24.69 | 102.6 | 26.67 | 118.5 | 30.57 | 126.6 | 32.52 |
| | 30 | 70.2 | 19.65 | 76.2 | 21.21 | 82.2 | 22.77 | 88.5 | 24.36 | 94.5 | 25.80 | 102.6 | 27.84 | 118.5 | 31.95 | 126.6 | 33.99 |
| | 33 | 70.2 | 20.55 | 76.2 | 22.20 | 82.2 | 23.85 | 88.5 | 25.50 | 94.5 | 27.09 | 102.6 | 29.25 | 118.5 | 33.54 | 126.6 | 36.18 |
| | 35 | 70.2 | 21.33 | 76.2 | 23.04 | 82.2 | 24.75 | 88.5 | 26.46 | 94.5 | 28.14 | 102.6 | 30.39 | 118.5 | 35.13 | 126.6 | 38.91 |
| | 37 | 70.2 | 22.17 | 76.2 | 23.97 | 82.2 | 25.77 | 88.5 | 27.54 | 94.5 | 29.31 | 102.6 | 31.65 | 118.5 | 37.74 | 126.6 | 41.85 |
| | 40 | 70.2 | 23.64 | 76.2 | 25.56 | 82.2 | 27.45 | 88.5 | 29.37 | 94.5 | 31.29 | 102.6 | 33.81 | 118.5 | 42.03 | 126.6 | 46.71 |
| | 43 | 70.2 | 25.32 | 76.2 | 27.36 | 82.2 | 29.43 | 88.5 | 31.50 | 94.5 | 33.57 | 102.6 | 37.47 | 118.5 | 46.86 | 124.5 | 50.49 |
| | 46 | 70.2 | 27.24 | 76.2 | 29.46 | 82.2 | 31.71 | 88.5 | 33.93 | 94.5 | 36.96 | 102.6 | 41.67 | 118.5 | 52.38 | 120.9 | 52.92 |
| 81.0 (60%) | 10 | 60.0 | 14.22 | 65.4 | 15.33 | 70.5 | 16.41 | 75.9 | 17.52 | 81.0 | 18.36 | 87.9 | 19.77 | 101.7 | 22.62 | 108.6 | 24.03 |
| | 15 | 60.0 | 14.61 | 65.4 | 15.75 | 70.5 | 16.86 | 75.9 | 18.00 | 81.0 | 18.90 | 87.9 | 20.34 | 101.7 | 23.28 | 108.6 | 24.75 |
| | 21 | 60.0 | 15.33 | 65.4 | 16.53 | 70.5 | 17.73 | 75.9 | 18.93 | 81.0 | 19.92 | 87.9 | 21.45 | 101.7 | 24.57 | 108.6 | 26.10 |
| | 23 | 60.0 | 15.66 | 65.4 | 16.86 | 70.5 | 18.09 | 75.9 | 19.32 | 81.0 | 20.34 | 87.9 | 21.93 | 101.7 | 25.11 | 108.6 | 26.70 |
| | 25 | 60.0 | 16.02 | 65.4 | 17.25 | 70.5 | 18.51 | 75.9 | 19.77 | 81.0 | 20.85 | 87.9 | 22.47 | 101.7 | 25.74 | 108.6 | 27.36 |
| | 27 | 60.0 | 16.41 | 65.4 | 17.67 | 70.5 | 18.96 | 75.9 | 20.25 | 81.0 | 21.39 | 87.9 | 23.07 | 101.7 | 26.43 | 108.6 | 28.11 |
| | 30 | 60.0 | 17.07 | 65.4 | 18.42 | 70.5 | 19.77 | 75.9 | 21.09 | 81.0 | 22.35 | 87.9 | 24.12 | 101.7 | 27.63 | 108.6 | 29.37 |
| | 33 | 60.0 | 17.85 | 65.4 | 19.26 | 70.5 | 20.67 | 75.9 | 22.08 | 81.0 | 23.43 | 87.9 | 25.29 | 101.7 | 28.98 | 108.6 | 30.84 |
| | 35 | 60.0 | 18.51 | 65.4 | 19.98 | 70.5 | 21.45 | 75.9 | 22.92 | 81.0 | 24.36 | 87.9 | 26.28 | 101.7 | 30.12 | 108.6 | 32.04 |
| | 37 | 60.0 | 19.26 | 65.4 | 20.79 | 70.5 | 22.32 | 75.9 | 23.85 | 81.0 | 25.35 | 87.9 | 27.36 | 101.7 | 31.38 | 108.6 | 33.39 |
| | 40 | 60.0 | 20.49 | 65.4 | 22.14 | 70.5 | 23.76 | 75.9 | 25.41 | 81.0 | 27.06 | 87.9 | 29.22 | 101.7 | 33.54 | 108.6 | 36.69 |
| | 43 | 60.0 | 21.93 | 65.4 | 23.70 | 70.5 | 25.47 | 75.9 | 27.21 | 81.0 | 29.01 | 87.9 | 31.35 | 101.7 | 36.99 | 108.6 | 40.80 |
| | 46 | 60.0 | 23.58 | 65.4 | 25.50 | 70.5 | 27.39 | 75.9 | 29.31 | 81.0 | 31.29 | 87.9 | 33.78 | 101.7 | 41.10 | 108.6 | 45.42 |
| 67.5 (50%) | 10 | 50.1 | 12.12 | 54.3 | 13.05 | 58.8 | 13.95 | 63.0 | 14.88 | 67.5 | 15.57 | 73.2 | 16.74 | 84.6 | 19.11 | 90.3 | 20.31 |
| | 15 | 50.1 | 12.45 | 54.3 | 13.38 | 58.8 | 14.34 | 63.0 | 15.27 | 67.5 | 16.02 | 73.2 | 17.22 | 84.6 | 19.68 | 90.3 | 20.88 |
| | 21 | 50.1 | 13.05 | 54.3 | 14.04 | 58.8 | 15.03 | 63.0 | 16.05 | 67.5 | 16.86 | 73.2 | 18.15 | 84.6 | 20.73 | 90.3 | 22.02 |
| | 23 | 50.1 | 13.32 | 54.3 | 14.34 | 58.8 | 15.36 | 63.0 | 16.38 | 67.5 | 17.22 | 73.2 | 18.54 | 84.6 | 21.21 | 90.3 | 22.53 |
| | 25 | 50.1 | 13.62 | 54.3 | 14.64 | 58.8 | 15.69 | 63.0 | 16.74 | 67.5 | 17.64 | 73.2 | 18.99 | 84.6 | 21.72 | 90.3 | 23.07 |
| | 27 | 50.1 | 13.95 | 54.3 | 15.00 | 58.8 | 16.08 | 63.0 | 17.16 | 67.5 | 18.12 | 73.2 | 19.50 | 84.6 | 22.29 | 90.3 | 23.70 |
| | 30 | 50.1 | 14.49 | 54.3 | 15.63 | 58.8 | 16.74 | 63.0 | 17.85 | 67.5 | 18.90 | 73.2 | 20.37 | 84.6 | 23.28 | 90.3 | 24.75 |
| | 33 | 50.1 | 15.15 | 54.3 | 16.32 | 58.8 | 17.49 | 63.0 | 18.66 | 67.5 | 19.80 | 73.2 | 21.36 | 84.6 | 24.42 | 90.3 | 25.98 |
| | 35 | 50.1 | 15.69 | 54.3 | 16.92 | 58.8 | 18.15 | 63.0 | 19.35 | 67.5 | 20.55 | 73.2 | 22.17 | 84.6 | 25.38 | 90.3 | 26.97 |
| | 37 | 50.1 | 16.32 | 54.3 | 17.58 | 58.8 | 18.87 | 63.0 | 20.13 | 67.5 | 21.39 | 73.2 | 23.07 | 84.6 | 26.43 | 90.3 | 28.11 |
| | 40 | 50.1 | 17.34 | 54.3 | 18.72 | 58.8 | 20.07 | 63.0 | 21.45 | 67.5 | 22.83 | 73.2 | 24.63 | 84.6 | 28.20 | 90.3 | 30.00 |
| | 43 | 50.1 | 18.54 | 54.3 | 20.01 | 58.8 | 21.48 | 63.0 | 22.95 | 67.5 | 24.45 | 73.2 | 26.40 | 84.6 | 30.24 | 90.3 | 32.19 |
| | 46 | 50.1 | 19.92 | 54.3 | 21.51 | 58.8 | 23.10 | 63.0 | 24.69 | 67.5 | 26.34 | 73.2 | 28.44 | 84.6 | 32.61 | 90.3 | 34.71 |

# 4-3. Energy efficiency combination

## ■ Model: AJ∗144GALDHH

| Cooling capacity at rated condition: 44.8 kW (16HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 67.2 (150%) | 10 | 49.8 | 8.40 | 53.0 | 8.80 | 54.2 | 8.80 | 55.6 | 8.80 | 56.7 | 10.14 | 58.0 | 8.80 | 60.8 | 8.74 | 62.2 | 8.70 |
| | 15 | 49.8 | 8.64 | 52.6 | 8.98 | 53.8 | 8.98 | 55.2 | 8.98 | 56.2 | 10.35 | 57.6 | 8.98 | 60.4 | 8.94 | 61.6 | 8.90 |
| | 21 | 49.8 | 9.12 | 51.8 | 9.30 | 53.2 | 9.30 | 54.4 | 9.30 | 55.4 | 10.77 | 56.8 | 9.34 | 59.4 | 9.28 | 60.8 | 9.26 |
| | 23 | 49.8 | 9.32 | 51.6 | 9.44 | 52.8 | 9.44 | 54.2 | 9.44 | 55.1 | 10.93 | 56.4 | 9.48 | 58.8 | 9.56 | 60.0 | 9.60 |
| | 25 | 49.8 | 9.54 | 51.2 | 9.58 | 52.4 | 9.60 | 53.6 | 9.68 | 54.4 | 11.26 | 55.6 | 9.84 | 57.8 | 9.92 | 59.0 | 9.96 |
| | 27 | 49.4 | 9.82 | 50.6 | 9.88 | 51.6 | 9.96 | 52.8 | 10.02 | 53.5 | 11.68 | 54.6 | 10.20 | 57.0 | 10.30 | 58.0 | 10.34 |
| | 30 | 48.4 | 10.32 | 49.4 | 10.40 | 50.6 | 10.48 | 51.6 | 10.54 | 52.2 | 12.32 | 53.4 | 10.74 | 55.6 | 10.84 | 56.6 | 10.90 |
| | 33 | 47.2 | 10.84 | 48.2 | 10.92 | 49.4 | 11.00 | 50.4 | 11.06 | 50.9 | 12.95 | 52.0 | 11.30 | 54.0 | 11.42 | 55.2 | 11.48 |
| | 35 | 46.4 | 11.18 | 47.4 | 11.28 | 48.4 | 11.36 | 49.6 | 11.44 | 49.9 | 13.42 | 51.0 | 11.72 | 53.0 | 11.86 | 54.2 | 11.92 |
| | 37 | 45.6 | 11.56 | 46.6 | 11.66 | 47.6 | 11.76 | 48.6 | 11.84 | 49.0 | 13.91 | 50.0 | 12.14 | 52.0 | 12.30 | 53.0 | 12.36 |
| | 40 | 44.2 | 12.14 | 45.2 | 12.24 | 46.2 | 12.34 | 47.2 | 12.44 | 47.5 | 14.65 | 48.6 | 12.78 | 50.6 | 12.96 | 51.6 | 13.04 |
| | 43 | 43.0 | 12.72 | 44.0 | 12.84 | 44.8 | 12.94 | 45.8 | 13.04 | 46.0 | 15.40 | 47.0 | 13.44 | 49.0 | 13.62 | 50.0 | 13.70 |
| | 46 | 41.6 | 13.32 | 42.6 | 13.42 | 43.4 | 13.54 | 44.4 | 13.66 | 44.6 | 16.14 | 45.6 | 14.08 | 47.4 | 14.28 | 48.4 | 14.38 |
| 62.7 (140%) | 10 | 46.6 | 7.88 | 50.6 | 8.52 | 53.2 | 8.80 | 54.4 | 8.80 | 55.7 | 8.82 | 57.0 | 8.80 | 59.8 | 8.76 | 61.2 | 8.74 |
| | 15 | 46.6 | 8.10 | 50.6 | 8.76 | 52.8 | 8.98 | 54.0 | 8.98 | 55.3 | 9.02 | 56.6 | 9.00 | 59.2 | 8.96 | 60.6 | 8.92 |
| | 21 | 46.6 | 8.54 | 50.6 | 9.24 | 52.0 | 9.30 | 53.2 | 9.30 | 54.5 | 9.36 | 55.8 | 9.34 | 58.4 | 9.30 | 59.8 | 9.28 |
| | 23 | 46.6 | 8.74 | 50.6 | 9.42 | 51.8 | 9.44 | 53.0 | 9.44 | 54.2 | 9.50 | 55.4 | 9.50 | 58.0 | 9.52 | 59.0 | 9.58 |
| | 25 | 46.6 | 8.96 | 50.2 | 9.58 | 51.4 | 9.58 | 52.6 | 9.62 | 53.6 | 9.76 | 54.8 | 9.80 | 57.0 | 9.90 | 58.2 | 9.94 |
| | 27 | 46.6 | 9.18 | 49.6 | 9.82 | 50.8 | 9.90 | 51.8 | 9.96 | 52.8 | 10.12 | 53.8 | 10.16 | 56.2 | 10.26 | 57.2 | 10.30 |
| | 30 | 46.6 | 9.90 | 48.6 | 10.34 | 49.6 | 10.42 | 50.8 | 10.48 | 51.5 | 10.66 | 52.6 | 10.70 | 54.8 | 10.82 | 55.8 | 10.86 |
| | 33 | 46.4 | 10.78 | 47.4 | 10.86 | 48.4 | 10.94 | 49.6 | 11.00 | 50.2 | 11.20 | 51.2 | 11.26 | 53.4 | 11.38 | 54.4 | 11.44 |
| | 35 | 45.6 | 11.12 | 46.6 | 11.20 | 47.6 | 11.30 | 48.8 | 11.38 | 49.3 | 11.60 | 50.4 | 11.68 | 52.4 | 11.82 | 53.4 | 11.88 |
| | 37 | 44.8 | 11.50 | 45.8 | 11.60 | 46.8 | 11.68 | 47.8 | 11.78 | 48.3 | 12.02 | 49.4 | 12.10 | 51.4 | 12.24 | 52.4 | 12.32 |
| | 40 | 43.6 | 12.08 | 44.6 | 12.18 | 45.6 | 12.28 | 46.4 | 12.36 | 46.9 | 12.64 | 48.0 | 12.74 | 50.0 | 12.90 | 51.0 | 12.98 |
| | 43 | 42.2 | 12.66 | 43.2 | 12.76 | 44.2 | 12.86 | 45.2 | 12.96 | 45.5 | 13.28 | 46.4 | 13.38 | 48.4 | 13.56 | 49.4 | 13.66 |
| | 46 | 41.0 | 13.24 | 41.8 | 13.34 | 42.8 | 13.46 | 43.8 | 13.58 | 44.0 | 13.92 | 45.0 | 14.02 | 46.8 | 14.22 | 47.8 | 14.32 |
| 58.2 (130%) | 10 | 43.2 | 7.36 | 47.0 | 7.94 | 50.8 | 8.54 | 53.0 | 8.80 | 54.7 | 8.84 | 56.0 | 8.82 | 58.6 | 8.78 | 60.0 | 8.76 |
| | 15 | 43.2 | 7.58 | 47.0 | 8.18 | 50.8 | 8.78 | 52.8 | 8.98 | 54.3 | 9.02 | 55.6 | 9.02 | 58.2 | 8.98 | 59.4 | 8.94 |
| | 21 | 43.2 | 7.98 | 47.0 | 8.62 | 50.8 | 9.26 | 52.0 | 9.30 | 53.5 | 9.36 | 54.8 | 9.36 | 57.4 | 9.32 | 58.6 | 9.30 |
| | 23 | 43.2 | 8.16 | 47.0 | 8.82 | 50.6 | 9.42 | 51.8 | 9.44 | 53.2 | 9.52 | 54.4 | 9.50 | 57.0 | 9.50 | 58.0 | 9.54 |
| | 25 | 43.2 | 8.36 | 47.0 | 9.02 | 50.2 | 9.58 | 51.4 | 9.58 | 52.8 | 9.70 | 53.8 | 9.76 | 56.0 | 9.86 | 57.2 | 9.90 |
| | 27 | 43.2 | 8.58 | 47.0 | 9.26 | 49.8 | 9.82 | 50.8 | 9.90 | 51.9 | 10.06 | 53.0 | 10.12 | 55.2 | 10.22 | 56.4 | 10.28 |
| | 30 | 43.2 | 8.96 | 47.0 | 10.02 | 48.6 | 10.34 | 49.6 | 10.42 | 50.7 | 10.62 | 51.8 | 10.66 | 54.0 | 10.78 | 55.0 | 10.82 |
| | 33 | 43.2 | 9.78 | 46.6 | 10.78 | 47.6 | 10.86 | 48.6 | 10.94 | 49.5 | 11.16 | 50.4 | 11.22 | 52.6 | 11.34 | 53.6 | 11.40 |
| | 35 | 43.2 | 10.36 | 45.8 | 11.14 | 46.8 | 11.22 | 47.8 | 11.30 | 48.6 | 11.54 | 49.6 | 11.62 | 51.6 | 11.76 | 52.6 | 11.82 |
| | 37 | 43.2 | 11.06 | 45.0 | 11.52 | 46.0 | 11.60 | 47.0 | 11.70 | 47.7 | 11.96 | 48.6 | 12.04 | 50.6 | 12.20 | 51.6 | 12.26 |
| | 40 | 42.8 | 12.00 | 43.8 | 12.08 | 44.6 | 12.18 | 45.6 | 12.28 | 46.3 | 12.58 | 47.2 | 12.68 | 49.2 | 12.84 | 50.2 | 12.92 |
| | 43 | 41.6 | 12.56 | 42.4 | 12.68 | 43.4 | 12.78 | 44.4 | 12.88 | 44.9 | 13.22 | 45.8 | 13.32 | 47.8 | 13.50 | 48.6 | 13.58 |
| | 46 | 40.2 | 13.14 | 41.2 | 13.26 | 42.0 | 13.38 | 43.0 | 13.48 | 43.4 | 13.86 | 44.4 | 13.96 | 46.2 | 14.16 | 47.2 | 14.26 |
| 53.7 (120%) | 10 | 39.8 | 6.84 | 43.4 | 7.38 | 46.8 | 7.92 | 50.2 | 8.46 | 53.5 | 8.86 | 54.8 | 8.84 | 57.4 | 8.80 | 58.6 | 8.78 |
| | 15 | 39.8 | 7.04 | 43.4 | 7.60 | 46.8 | 8.16 | 50.2 | 8.72 | 53.1 | 9.04 | 54.4 | 9.02 | 57.0 | 9.00 | 58.2 | 8.98 |
| | 21 | 39.8 | 7.42 | 43.4 | 8.00 | 46.8 | 8.60 | 50.2 | 9.20 | 52.4 | 9.38 | 53.6 | 9.36 | 56.2 | 9.34 | 57.4 | 9.32 |
| | 23 | 39.8 | 7.58 | 43.4 | 8.18 | 46.8 | 8.78 | 50.2 | 9.40 | 52.1 | 9.52 | 53.4 | 9.52 | 55.8 | 9.48 | 57.0 | 9.50 |
| | 25 | 39.8 | 7.76 | 43.4 | 8.38 | 46.8 | 9.00 | 50.2 | 9.58 | 51.7 | 9.68 | 52.8 | 9.72 | 55.0 | 9.82 | 56.2 | 9.86 |
| | 27 | 39.8 | 7.96 | 43.4 | 8.60 | 46.8 | 9.24 | 49.6 | 9.82 | 51.0 | 10.02 | 52.0 | 10.08 | 54.2 | 10.18 | 55.2 | 10.22 |
| | 30 | 39.8 | 8.30 | 43.4 | 8.98 | 46.8 | 9.98 | 48.6 | 10.34 | 49.8 | 10.56 | 50.8 | 10.62 | 53.0 | 10.72 | 54.0 | 10.78 |
| | 33 | 39.8 | 8.78 | 43.4 | 9.82 | 46.4 | 10.78 | 47.4 | 10.86 | 48.6 | 11.10 | 49.6 | 11.16 | 51.6 | 11.28 | 52.6 | 11.34 |
| | 35 | 39.8 | 9.30 | 43.4 | 10.42 | 45.8 | 11.14 | 46.8 | 11.22 | 47.8 | 11.48 | 48.8 | 11.56 | 50.8 | 11.70 | 51.8 | 11.78 |
| | 37 | 39.8 | 9.88 | 43.4 | 11.12 | 45.0 | 11.52 | 46.0 | 11.60 | 46.9 | 11.90 | 47.8 | 11.98 | 49.8 | 12.12 | 50.8 | 12.20 |
| | 40 | 39.8 | 10.92 | 42.8 | 12.00 | 43.8 | 12.10 | 44.6 | 12.18 | 45.5 | 12.52 | 46.4 | 12.60 | 48.4 | 12.78 | 49.4 | 12.86 |
| | 43 | 39.8 | 12.06 | 41.6 | 12.58 | 42.4 | 12.68 | 43.4 | 12.78 | 44.1 | 13.16 | 45.0 | 13.24 | 47.0 | 13.42 | 48.0 | 13.52 |
| | 46 | 39.4 | 13.04 | 40.4 | 13.16 | 41.2 | 13.28 | 42.2 | 13.38 | 42.8 | 13.78 | 43.6 | 13.88 | 45.6 | 14.08 | 46.4 | 14.18 |
| 49.2 (110%) | 10 | 36.6 | 6.32 | 39.8 | 6.82 | 43.0 | 7.32 | 46.0 | 7.82 | 49.3 | 8.22 | 53.4 | 8.86 | 56.0 | 8.82 | 57.2 | 8.80 |
| | 15 | 36.6 | 6.50 | 39.8 | 7.02 | 43.0 | 7.52 | 46.0 | 8.04 | 49.3 | 8.46 | 53.0 | 9.04 | 55.6 | 9.02 | 56.8 | 9.00 |
| | 21 | 36.6 | 6.84 | 39.8 | 7.38 | 43.0 | 7.94 | 46.0 | 8.48 | 49.3 | 8.94 | 52.4 | 9.38 | 54.8 | 9.36 | 56.0 | 9.34 |
| | 23 | 36.6 | 7.00 | 39.8 | 7.56 | 43.0 | 8.10 | 46.0 | 8.66 | 49.3 | 9.14 | 52.0 | 9.52 | 54.4 | 9.50 | 55.6 | 9.50 |
| | 25 | 36.6 | 7.16 | 39.8 | 7.74 | 43.0 | 8.30 | 46.0 | 8.88 | 49.3 | 9.38 | 51.8 | 9.68 | 53.8 | 9.76 | 55.0 | 9.80 |
| | 27 | 36.6 | 7.34 | 39.8 | 7.94 | 43.0 | 8.52 | 46.0 | 9.10 | 49.3 | 9.72 | 51.0 | 10.02 | 53.0 | 10.12 | 54.2 | 10.18 |
| | 30 | 36.6 | 7.66 | 39.8 | 8.28 | 43.0 | 8.90 | 46.0 | 9.76 | 48.8 | 10.50 | 49.8 | 10.56 | 51.8 | 10.68 | 52.8 | 10.72 |
| | 33 | 36.6 | 8.04 | 39.8 | 8.74 | 43.0 | 9.68 | 46.0 | 10.68 | 47.6 | 11.04 | 48.6 | 11.10 | 50.6 | 11.22 | 51.6 | 11.28 |
| | 35 | 36.6 | 8.32 | 39.8 | 9.26 | 43.0 | 10.28 | 45.6 | 11.12 | 46.8 | 11.42 | 47.8 | 11.50 | 49.8 | 11.64 | 50.8 | 11.70 |
| | 37 | 36.6 | 8.82 | 39.8 | 9.84 | 43.0 | 10.96 | 44.8 | 11.50 | 46.0 | 11.82 | 47.0 | 11.90 | 48.8 | 12.06 | 49.8 | 12.14 |
| | 40 | 36.6 | 9.68 | 39.8 | 10.86 | 42.6 | 11.98 | 43.6 | 12.08 | 44.7 | 12.44 | 45.6 | 12.54 | 47.4 | 12.70 | 48.4 | 12.78 |
| | 43 | 36.6 | 10.68 | 39.8 | 11.98 | 41.4 | 12.56 | 42.4 | 12.66 | 43.3 | 13.06 | 44.2 | 13.16 | 46.0 | 13.34 | 47.0 | 13.44 |
| | 46 | 36.6 | 11.78 | 39.4 | 13.04 | 40.2 | 13.16 | 41.2 | 13.26 | 42.0 | 13.70 | 42.8 | 13.80 | 44.6 | 14.00 | 45.6 | 14.10 |
| 44.8 (100%) | 10 | 33.2 | 5.80 | 36.2 | 6.26 | 39.0 | 6.70 | 42.0 | 7.16 | 44.8 | 7.52 | 48.6 | 8.10 | 54.4 | 8.84 | 55.6 | 8.84 |
| | 15 | 33.2 | 5.96 | 36.2 | 6.44 | 39.0 | 6.90 | 42.0 | 7.36 | 44.8 | 7.74 | 48.6 | 8.36 | 54.0 | 9.02 | 55.2 | 9.02 |
| | 21 | 33.2 | 6.28 | 36.2 | 6.78 | 39.0 | 7.26 | 42.0 | 7.76 | 44.8 | 8.18 | 48.6 | 8.82 | 53.2 | 9.38 | 54.4 | 9.36 |
| | 23 | 33.2 | 6.42 | 36.2 | 6.92 | 39.0 | 7.42 | 42.0 | 7.92 | 44.8 | 8.36 | 48.6 | 9.02 | 53.0 | 9.52 | 54.0 | 9.50 |
| | 25 | 33.2 | 6.56 | 36.2 | 7.08 | 39.0 | 7.60 | 42.0 | 8.12 | 44.8 | 8.58 | 48.6 | 9.26 | 52.6 | 9.70 | 53.6 | 9.74 |
| | 27 | 33.2 | 6.74 | 36.2 | 7.26 | 39.0 | 7.80 | 42.0 | 8.34 | 44.8 | 8.82 | 48.6 | 9.54 | 51.8 | 10.06 | 52.8 | 10.12 |
| | 30 | 33.2 | 7.02 | 36.2 | 7.58 | 39.0 | 8.14 | 42.0 | 8.70 | 44.8 | 9.34 | 48.6 | 10.48 | 50.6 | 10.60 | 51.6 | 10.66 |
| | 33 | 33.2 | 7.36 | 36.2 | 7.94 | 39.0 | 8.54 | 42.0 | 9.38 | 44.8 | 10.24 | 47.4 | 11.04 | 49.4 | 11.16 | 50.4 | 11.22 |
| | 35 | 33.2 | 7.60 | 36.2 | 8.22 | 39.0 | 9.04 | 42.0 | 9.94 | 44.8 | 10.90 | 46.8 | 11.40 | 48.6 | 11.56 | 49.6 | 11.62 |
| | 37 | 33.2 | 7.88 | 36.2 | 8.68 | 39.0 | 9.60 | 42.0 | 10.60 | 44.8 | 11.68 | 45.8 | 11.82 | 47.8 | 11.98 | 48.6 | 12.04 |
| | 40 | 33.2 | 8.54 | 36.2 | 9.54 | 39.0 | 10.58 | 42.0 | 11.70 | 43.7 | 12.36 | 44.6 | 12.44 | 46.4 | 12.60 | 47.4 | 12.68 |
| | 43 | 33.2 | 9.40 | 36.2 | 10.52 | 39.0 | 11.68 | 41.2 | 12.54 | 42.4 | 12.98 | 43.4 | 13.06 | 45.2 | 13.24 | 46.0 | 13.34 |
| | 46 | 33.2 | 10.36 | 36.2 | 11.60 | 39.0 | 12.90 | 40.0 | 13.12 | 41.1 | 13.60 | 42.0 | 13.70 | 43.8 | 13.90 | 44.6 | 14.00 |

MODEL SELECTION

| Cooling capacity at rated condition: 44.8 kW (16HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 40.3 (90%) | 10 | 30.0 | 5.28 | 32.6 | 5.68 | 35.2 | 6.10 | 37.8 | 6.50 | 40.3 | 6.82 | 43.8 | 7.36 | 50.6 | 8.42 | 53.6 | 8.86 |
| | 15 | 30.0 | 5.42 | 32.6 | 5.84 | 35.2 | 6.26 | 37.8 | 6.68 | 40.3 | 7.04 | 43.8 | 7.58 | 50.6 | 8.66 | 53.2 | 9.04 |
| | 21 | 30.0 | 5.72 | 32.6 | 6.16 | 35.2 | 6.60 | 37.8 | 7.04 | 40.3 | 7.42 | 43.8 | 8.00 | 50.6 | 9.16 | 52.6 | 9.38 |
| | 23 | 30.0 | 5.84 | 32.6 | 6.28 | 35.2 | 6.74 | 37.8 | 7.20 | 40.3 | 7.60 | 43.8 | 8.18 | 50.6 | 9.36 | 52.2 | 9.52 |
| | 25 | 30.0 | 5.96 | 32.6 | 6.44 | 35.2 | 6.90 | 37.8 | 7.36 | 40.3 | 7.78 | 43.8 | 8.38 | 50.6 | 9.60 | 52.0 | 9.68 |
| | 27 | 30.0 | 6.12 | 32.6 | 6.60 | 35.2 | 7.08 | 37.8 | 7.56 | 40.3 | 8.00 | 43.8 | 8.62 | 50.2 | 9.98 | 51.2 | 10.04 |
| | 30 | 30.0 | 6.38 | 32.6 | 6.88 | 35.2 | 7.38 | 37.8 | 7.88 | 40.3 | 8.36 | 43.8 | 9.04 | 49.2 | 10.52 | 50.2 | 10.58 |
| | 33 | 30.0 | 6.68 | 32.6 | 7.22 | 35.2 | 7.74 | 37.8 | 8.26 | 40.3 | 8.88 | 43.8 | 9.92 | 48.0 | 11.06 | 49.0 | 11.12 |
| | 35 | 30.0 | 6.90 | 32.6 | 7.46 | 35.2 | 8.00 | 37.8 | 8.66 | 40.3 | 9.44 | 43.8 | 10.54 | 47.2 | 11.46 | 48.2 | 11.52 |
| | 37 | 30.0 | 7.16 | 32.6 | 7.72 | 35.2 | 8.36 | 37.8 | 9.18 | 40.3 | 10.04 | 43.8 | 11.28 | 46.4 | 11.86 | 47.4 | 11.94 |
| | 40 | 30.0 | 7.58 | 32.6 | 8.30 | 35.2 | 9.18 | 37.8 | 10.10 | 40.3 | 11.12 | 43.4 | 12.32 | 45.2 | 12.50 | 46.2 | 12.58 |
| | 43 | 30.0 | 8.22 | 32.6 | 9.14 | 35.2 | 10.12 | 37.8 | 11.14 | 40.3 | 12.30 | 42.2 | 12.96 | 44.0 | 13.14 | 44.8 | 13.22 |
| | 46 | 30.0 | 9.04 | 32.6 | 10.06 | 35.2 | 11.16 | 37.8 | 12.30 | 40.1 | 13.48 | 41.0 | 13.58 | 42.6 | 13.78 | 43.6 | 13.86 |
| 35.8 (80%) | 10 | 26.6 | 4.76 | 29.0 | 5.12 | 31.2 | 5.48 | 33.6 | 5.84 | 35.8 | 6.14 | 38.8 | 6.60 | 45.0 | 7.54 | 48.0 | 8.02 |
| | 15 | 26.6 | 4.90 | 29.0 | 5.26 | 31.2 | 5.64 | 33.6 | 6.02 | 35.8 | 6.32 | 38.8 | 6.80 | 45.0 | 7.76 | 48.0 | 8.26 |
| | 21 | 26.6 | 5.14 | 29.0 | 5.54 | 31.2 | 5.94 | 33.6 | 6.32 | 35.8 | 6.66 | 38.8 | 7.18 | 45.0 | 8.20 | 48.0 | 8.72 |
| | 23 | 26.6 | 5.26 | 29.0 | 5.66 | 31.2 | 6.06 | 33.6 | 6.46 | 35.8 | 6.82 | 38.8 | 7.34 | 45.0 | 8.40 | 48.0 | 8.92 |
| | 25 | 26.6 | 5.38 | 29.0 | 5.78 | 31.2 | 6.20 | 33.6 | 6.62 | 35.8 | 6.98 | 38.8 | 7.52 | 45.0 | 8.60 | 48.0 | 9.14 |
| | 27 | 26.6 | 5.50 | 29.0 | 5.94 | 31.2 | 6.36 | 33.6 | 6.78 | 35.8 | 7.16 | 38.8 | 7.72 | 45.0 | 8.84 | 48.0 | 9.40 |
| | 30 | 26.6 | 5.74 | 29.0 | 6.18 | 31.2 | 6.64 | 33.6 | 7.08 | 35.8 | 7.50 | 38.8 | 8.08 | 45.0 | 9.38 | 48.0 | 10.30 |
| | 33 | 26.6 | 6.00 | 29.0 | 6.48 | 31.2 | 6.94 | 33.6 | 7.42 | 35.8 | 7.86 | 38.8 | 8.48 | 45.0 | 10.30 | 47.4 | 11.02 |
| | 35 | 26.6 | 6.20 | 29.0 | 6.70 | 31.2 | 7.18 | 33.6 | 7.66 | 35.8 | 8.14 | 38.8 | 8.98 | 45.0 | 10.96 | 46.6 | 11.40 |
| | 37 | 26.6 | 6.42 | 29.0 | 6.94 | 31.2 | 7.44 | 33.6 | 7.94 | 35.8 | 8.58 | 38.8 | 9.54 | 45.0 | 11.74 | 45.8 | 11.82 |
| | 40 | 26.6 | 6.80 | 29.0 | 7.34 | 31.2 | 7.88 | 33.6 | 8.64 | 35.8 | 9.44 | 38.8 | 10.56 | 43.8 | 12.36 | 44.6 | 12.44 |
| | 43 | 26.6 | 7.28 | 29.0 | 7.88 | 31.2 | 8.68 | 33.6 | 9.52 | 35.8 | 10.44 | 38.8 | 11.68 | 42.6 | 13.00 | 43.4 | 13.08 |
| | 46 | 26.6 | 7.82 | 29.0 | 8.66 | 31.2 | 9.54 | 33.6 | 10.48 | 35.8 | 11.54 | 38.8 | 12.92 | 41.4 | 13.62 | 42.2 | 13.72 |
| 31.3 (70%) | 10 | 23.2 | 4.24 | 25.2 | 4.56 | 27.4 | 4.88 | 29.4 | 5.20 | 31.3 | 5.44 | 34.0 | 5.86 | 39.4 | 6.68 | 42.0 | 7.08 |
| | 15 | 23.2 | 4.36 | 25.2 | 4.68 | 27.4 | 5.00 | 29.4 | 5.34 | 31.3 | 5.60 | 34.0 | 6.02 | 39.4 | 6.88 | 42.0 | 7.30 |
| | 21 | 23.2 | 4.58 | 25.2 | 4.92 | 27.4 | 5.26 | 29.4 | 5.62 | 31.3 | 5.90 | 34.0 | 6.36 | 39.4 | 7.26 | 42.0 | 7.70 |
| | 23 | 23.2 | 4.66 | 25.2 | 5.02 | 27.4 | 5.38 | 29.4 | 5.74 | 31.3 | 6.04 | 34.0 | 6.50 | 39.4 | 7.42 | 42.0 | 7.88 |
| | 25 | 23.2 | 4.78 | 25.2 | 5.14 | 27.4 | 5.50 | 29.4 | 5.86 | 31.3 | 6.18 | 34.0 | 6.66 | 39.4 | 7.60 | 42.0 | 8.08 |
| | 27 | 23.2 | 4.90 | 25.2 | 5.26 | 27.4 | 5.64 | 29.4 | 6.02 | 31.3 | 6.34 | 34.0 | 6.84 | 39.4 | 7.82 | 42.0 | 8.30 |
| | 30 | 23.2 | 5.10 | 25.2 | 5.48 | 27.4 | 5.88 | 29.4 | 6.26 | 31.3 | 6.62 | 34.0 | 7.14 | 39.4 | 8.16 | 42.0 | 8.68 |
| | 33 | 23.2 | 5.34 | 25.2 | 5.74 | 27.4 | 6.16 | 29.4 | 6.56 | 31.3 | 6.96 | 34.0 | 7.50 | 39.4 | 8.58 | 42.0 | 9.38 |
| | 35 | 23.2 | 5.50 | 25.2 | 5.94 | 27.4 | 6.36 | 29.4 | 6.78 | 31.3 | 7.20 | 34.0 | 7.76 | 39.4 | 9.12 | 42.0 | 9.96 |
| | 37 | 23.2 | 5.70 | 25.2 | 6.14 | 27.4 | 6.58 | 29.4 | 7.02 | 31.3 | 7.46 | 34.0 | 8.04 | 39.4 | 9.70 | 42.0 | 10.64 |
| | 40 | 23.2 | 6.02 | 25.2 | 6.50 | 27.4 | 6.98 | 29.4 | 7.44 | 31.3 | 7.94 | 34.0 | 8.82 | 39.4 | 10.72 | 42.0 | 11.78 |
| | 43 | 23.2 | 6.44 | 25.2 | 6.94 | 27.4 | 7.46 | 29.4 | 8.02 | 31.3 | 8.76 | 34.0 | 9.74 | 39.4 | 11.86 | 41.8 | 12.90 |
| | 46 | 23.2 | 6.92 | 25.2 | 7.46 | 27.4 | 8.08 | 29.4 | 8.82 | 31.3 | 9.66 | 34.0 | 10.74 | 39.4 | 13.14 | 40.6 | 13.54 |
| 26.8 (60%) | 10 | 20.0 | 3.72 | 21.6 | 4.00 | 23.4 | 4.26 | 25.2 | 4.54 | 26.8 | 4.76 | 29.2 | 5.10 | 33.8 | 5.80 | 36.0 | 6.16 |
| | 15 | 20.0 | 3.82 | 21.6 | 4.10 | 23.4 | 4.38 | 25.2 | 4.66 | 26.8 | 4.88 | 29.2 | 5.26 | 33.8 | 5.98 | 36.0 | 6.34 |
| | 21 | 20.0 | 4.00 | 21.6 | 4.30 | 23.4 | 4.60 | 25.2 | 4.90 | 26.8 | 5.14 | 29.2 | 5.54 | 33.8 | 6.30 | 36.0 | 6.68 |
| | 23 | 20.0 | 4.08 | 21.6 | 4.40 | 23.4 | 4.70 | 25.2 | 5.00 | 26.8 | 5.26 | 29.2 | 5.66 | 33.8 | 6.44 | 36.0 | 6.84 |
| | 25 | 20.0 | 4.18 | 21.6 | 4.50 | 23.4 | 4.80 | 25.2 | 5.12 | 26.8 | 5.38 | 29.2 | 5.80 | 33.8 | 6.60 | 36.0 | 7.00 |
| | 27 | 20.0 | 4.28 | 21.6 | 4.60 | 23.4 | 4.92 | 25.2 | 5.24 | 26.8 | 5.52 | 29.2 | 5.94 | 33.8 | 6.78 | 36.0 | 7.20 |
| | 30 | 20.0 | 4.46 | 21.6 | 4.78 | 23.4 | 5.12 | 25.2 | 5.46 | 26.8 | 5.76 | 29.2 | 6.20 | 33.8 | 7.08 | 36.0 | 7.52 |
| | 33 | 20.0 | 4.66 | 21.6 | 5.00 | 23.4 | 5.36 | 25.2 | 5.72 | 26.8 | 6.04 | 29.2 | 6.50 | 33.8 | 7.42 | 36.0 | 7.90 |
| | 35 | 20.0 | 4.80 | 21.6 | 5.18 | 23.4 | 5.54 | 25.2 | 5.90 | 26.8 | 6.26 | 29.2 | 6.74 | 33.8 | 7.70 | 36.0 | 8.16 |
| | 37 | 20.0 | 4.96 | 21.6 | 5.34 | 23.4 | 5.72 | 25.2 | 6.10 | 26.8 | 6.48 | 29.2 | 6.98 | 33.8 | 7.98 | 36.0 | 8.62 |
| | 40 | 20.0 | 5.26 | 21.6 | 5.66 | 23.4 | 6.06 | 25.2 | 6.46 | 26.8 | 6.88 | 29.2 | 7.40 | 33.8 | 8.72 | 36.0 | 9.50 |
| | 43 | 20.0 | 5.60 | 21.6 | 6.04 | 23.4 | 6.48 | 25.2 | 6.92 | 26.8 | 7.36 | 29.2 | 7.98 | 33.8 | 9.62 | 36.0 | 10.50 |
| | 46 | 20.0 | 6.02 | 21.6 | 6.48 | 23.4 | 6.96 | 25.2 | 7.42 | 26.8 | 7.94 | 29.2 | 8.80 | 33.8 | 10.62 | 36.0 | 11.60 |
| 22.4 (50%) | 10 | 16.6 | 3.20 | 18.0 | 3.42 | 19.6 | 3.66 | 21.0 | 3.88 | 22.4 | 4.06 | 24.2 | 4.36 | 28.0 | 4.94 | 30.0 | 5.24 |
| | 15 | 16.6 | 3.28 | 18.0 | 3.52 | 19.6 | 3.74 | 21.0 | 3.98 | 22.4 | 4.18 | 24.2 | 4.48 | 28.0 | 5.08 | 30.0 | 5.38 |
| | 21 | 16.6 | 3.44 | 18.0 | 3.68 | 19.6 | 3.94 | 21.0 | 4.18 | 22.4 | 4.38 | 24.2 | 4.72 | 28.0 | 5.36 | 30.0 | 5.68 |
| | 23 | 16.6 | 3.50 | 18.0 | 3.76 | 19.6 | 4.02 | 21.0 | 4.26 | 22.4 | 4.48 | 24.2 | 4.82 | 28.0 | 5.48 | 30.0 | 5.80 |
| | 25 | 16.6 | 3.58 | 18.0 | 3.84 | 19.6 | 4.10 | 21.0 | 4.36 | 22.4 | 4.58 | 24.2 | 4.92 | 28.0 | 5.60 | 30.0 | 5.94 |
| | 27 | 16.6 | 3.66 | 18.0 | 3.94 | 19.6 | 4.20 | 21.0 | 4.46 | 22.4 | 4.70 | 24.2 | 5.06 | 28.0 | 5.76 | 30.0 | 6.10 |
| | 30 | 16.6 | 3.82 | 18.0 | 4.10 | 19.6 | 4.38 | 21.0 | 4.64 | 22.4 | 4.90 | 24.2 | 5.28 | 28.0 | 6.00 | 30.0 | 6.36 |
| | 33 | 16.6 | 3.98 | 18.0 | 4.28 | 19.6 | 4.56 | 21.0 | 4.86 | 22.4 | 5.14 | 24.2 | 5.52 | 28.0 | 6.30 | 30.0 | 6.68 |
| | 35 | 16.6 | 4.10 | 18.0 | 4.40 | 19.6 | 4.72 | 21.0 | 5.02 | 22.4 | 5.32 | 24.2 | 5.72 | 28.0 | 6.50 | 30.0 | 6.90 |
| | 37 | 16.6 | 4.24 | 18.0 | 4.56 | 19.6 | 4.88 | 21.0 | 5.20 | 22.4 | 5.50 | 24.2 | 5.92 | 28.0 | 6.74 | 30.0 | 7.16 |
| | 40 | 16.6 | 4.48 | 18.0 | 4.82 | 19.6 | 5.16 | 21.0 | 5.48 | 22.4 | 5.82 | 24.2 | 6.28 | 28.0 | 7.16 | 30.0 | 7.60 |
| | 43 | 16.6 | 4.78 | 18.0 | 5.14 | 19.6 | 5.50 | 21.0 | 5.86 | 22.4 | 6.24 | 24.2 | 6.72 | 28.0 | 7.66 | 30.0 | 8.28 |
| | 46 | 16.6 | 5.12 | 18.0 | 5.50 | 19.6 | 5.90 | 21.0 | 6.28 | 22.4 | 6.70 | 24.2 | 7.22 | 28.0 | 8.40 | 30.0 | 9.12 |

# ■ Model: AJ∗198GALDHH

| Cooling capacity at rated condition: 62.4 kW (22HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 93.6 (150%) | 10 | 69.4 | 12.91 | 74.1 | 13.62 | 75.9 | 13.63 | 77.8 | 13.64 | 79.6 | 13.70 | 81.6 | 13.69 | 85.5 | 13.64 | 87.5 | 13.60 |
| | 15 | 69.4 | 13.28 | 73.6 | 13.88 | 75.4 | 13.90 | 77.3 | 13.91 | 79.0 | 13.98 | 80.9 | 13.97 | 84.9 | 13.93 | 86.8 | 13.90 |
| | 21 | 69.4 | 13.99 | 72.6 | 14.37 | 74.4 | 14.39 | 76.2 | 14.41 | 77.8 | 14.52 | 79.7 | 14.51 | 83.3 | 14.55 | 85.1 | 14.62 |
| | 23 | 69.4 | 14.29 | 72.2 | 14.58 | 74.0 | 14.60 | 75.8 | 14.62 | 77.2 | 14.78 | 78.9 | 14.85 | 82.2 | 15.06 | 83.8 | 15.15 |
| | 25 | 69.4 | 14.63 | 71.7 | 14.81 | 73.3 | 14.92 | 74.9 | 15.06 | 76.1 | 15.28 | 77.7 | 15.40 | 80.8 | 15.60 | 82.4 | 15.70 |
| | 27 | 69.1 | 15.17 | 70.7 | 15.30 | 72.2 | 15.45 | 73.8 | 15.58 | 74.8 | 15.82 | 76.3 | 15.94 | 79.5 | 16.16 | 80.9 | 16.27 |
| | 30 | 67.7 | 15.94 | 69.1 | 16.09 | 70.6 | 16.25 | 72.1 | 16.39 | 72.9 | 16.68 | 74.4 | 16.80 | 77.4 | 17.05 | 78.8 | 17.17 |
| | 33 | 65.9 | 16.77 | 67.3 | 16.93 | 68.8 | 17.09 | 70.2 | 17.24 | 70.9 | 17.56 | 72.4 | 17.69 | 75.2 | 17.96 | 76.7 | 18.08 |
| | 35 | 64.7 | 17.33 | 66.1 | 17.50 | 67.5 | 17.67 | 69.0 | 17.83 | 69.6 | 18.17 | 71.0 | 18.31 | 73.8 | 18.59 | 75.3 | 18.72 |
| | 37 | 63.5 | 17.91 | 64.9 | 18.08 | 66.3 | 18.26 | 67.7 | 18.42 | 68.2 | 18.79 | 69.6 | 18.93 | 72.3 | 19.22 | 73.7 | 19.35 |
| | 40 | 61.6 | 18.78 | 63.0 | 18.96 | 64.3 | 19.14 | 65.7 | 19.32 | 66.1 | 19.72 | 67.5 | 19.87 | 70.2 | 20.18 | 71.5 | 20.32 |
| | 43 | 59.8 | 19.66 | 61.1 | 19.86 | 62.4 | 20.04 | 63.7 | 20.22 | 64.0 | 20.66 | 65.3 | 20.82 | 67.9 | 21.13 | 69.3 | 21.28 |
| | 46 | 57.9 | 20.56 | 59.2 | 20.75 | 60.4 | 20.95 | 61.7 | 21.14 | 61.8 | 21.60 | 63.2 | 21.77 | 65.7 | 22.09 | 67.0 | 22.25 |
| 87.3 (140%) | 10 | 64.8 | 12.10 | 70.5 | 13.09 | 74.4 | 13.62 | 76.1 | 13.63 | 78.3 | 13.71 | 80.1 | 13.69 | 84.1 | 13.66 | 86.0 | 13.64 |
| | 15 | 64.8 | 12.44 | 70.5 | 13.46 | 73.8 | 13.89 | 75.6 | 13.90 | 77.7 | 13.99 | 79.5 | 13.98 | 83.3 | 13.95 | 85.3 | 13.92 |
| | 21 | 64.8 | 13.11 | 70.5 | 14.18 | 72.8 | 14.38 | 74.6 | 14.39 | 76.5 | 14.52 | 78.4 | 14.51 | 82.1 | 14.50 | 83.8 | 14.57 |
| | 23 | 64.8 | 13.40 | 70.5 | 14.47 | 72.5 | 14.58 | 74.2 | 14.60 | 76.0 | 14.73 | 77.7 | 14.81 | 81.0 | 14.98 | 82.5 | 15.09 |
| | 25 | 64.8 | 13.72 | 70.3 | 14.78 | 71.9 | 14.82 | 73.5 | 14.94 | 75.0 | 15.21 | 76.6 | 15.32 | 79.7 | 15.53 | 81.2 | 15.63 |
| | 27 | 64.8 | 14.07 | 69.4 | 15.19 | 71.0 | 15.33 | 72.5 | 15.46 | 73.8 | 15.75 | 75.3 | 15.86 | 78.4 | 16.08 | 79.9 | 16.19 |
| | 30 | 64.8 | 15.09 | 67.9 | 15.97 | 69.4 | 16.12 | 70.9 | 16.27 | 71.9 | 16.60 | 73.4 | 16.72 | 76.4 | 16.97 | 77.8 | 17.08 |
| | 33 | 64.7 | 16.62 | 66.2 | 16.81 | 67.6 | 16.97 | 69.1 | 17.12 | 70.0 | 17.47 | 71.4 | 17.61 | 74.3 | 17.87 | 75.7 | 18.00 |
| | 35 | 63.6 | 17.20 | 65.0 | 17.37 | 66.4 | 17.54 | 67.9 | 17.70 | 68.7 | 18.08 | 70.1 | 18.23 | 72.9 | 18.50 | 74.3 | 18.63 |
| | 37 | 62.5 | 17.78 | 63.8 | 17.96 | 65.2 | 18.12 | 66.6 | 18.30 | 67.3 | 18.70 | 68.7 | 18.85 | 71.5 | 19.13 | 72.8 | 19.27 |
| | 40 | 60.7 | 18.66 | 62.0 | 18.84 | 63.4 | 19.02 | 64.6 | 19.18 | 65.3 | 19.62 | 66.7 | 19.79 | 69.4 | 20.08 | 70.7 | 20.23 |
| | 43 | 58.8 | 19.54 | 60.1 | 19.72 | 61.5 | 19.91 | 62.8 | 20.09 | 63.2 | 20.56 | 64.5 | 20.73 | 67.1 | 21.04 | 68.5 | 21.20 |
| | 46 | 57.0 | 20.42 | 58.2 | 20.61 | 59.5 | 20.81 | 60.8 | 21.00 | 61.1 | 21.50 | 62.4 | 21.67 | 64.9 | 22.00 | 66.2 | 22.16 |
| 81.1 (130%) | 10 | 60.2 | 11.30 | 65.4 | 12.21 | 70.7 | 13.12 | 74.2 | 13.62 | 76.8 | 13.72 | 78.6 | 13.71 | 82.4 | 13.68 | 84.3 | 13.66 |
| | 15 | 60.2 | 11.62 | 65.4 | 12.56 | 70.7 | 13.49 | 73.8 | 13.89 | 76.2 | 13.99 | 78.0 | 13.99 | 81.8 | 13.97 | 83.6 | 13.94 |
| | 21 | 60.2 | 12.23 | 65.4 | 13.22 | 70.7 | 14.21 | 72.8 | 14.38 | 75.1 | 14.51 | 76.9 | 14.52 | 80.6 | 14.50 | 82.3 | 14.51 |
| | 23 | 60.2 | 12.50 | 65.4 | 13.51 | 70.6 | 14.50 | 72.5 | 14.58 | 74.6 | 14.74 | 76.4 | 14.74 | 79.7 | 14.90 | 81.2 | 15.00 |
| | 25 | 60.2 | 12.80 | 65.4 | 13.83 | 70.3 | 14.78 | 72.0 | 14.83 | 73.8 | 15.11 | 75.3 | 15.23 | 78.4 | 15.45 | 79.9 | 15.55 |
| | 27 | 60.2 | 13.13 | 65.4 | 14.19 | 69.6 | 15.19 | 71.0 | 15.33 | 72.7 | 15.65 | 74.1 | 15.77 | 77.1 | 15.99 | 78.7 | 16.11 |
| | 30 | 60.2 | 13.69 | 65.4 | 15.29 | 68.0 | 15.98 | 69.4 | 16.13 | 70.9 | 16.50 | 72.3 | 16.62 | 75.2 | 16.88 | 76.7 | 16.99 |
| | 33 | 60.2 | 14.86 | 65.0 | 16.66 | 66.4 | 16.82 | 67.8 | 16.98 | 69.0 | 17.38 | 70.3 | 17.51 | 73.2 | 17.77 | 74.6 | 17.90 |
| | 35 | 60.2 | 15.87 | 63.9 | 17.23 | 65.2 | 17.39 | 66.6 | 17.55 | 67.7 | 17.97 | 69.1 | 18.12 | 71.8 | 18.40 | 73.2 | 18.53 |
| | 37 | 60.2 | 17.00 | 62.7 | 17.81 | 64.0 | 17.97 | 65.4 | 18.15 | 66.4 | 18.59 | 67.7 | 18.74 | 70.4 | 19.03 | 71.8 | 19.16 |
| | 40 | 59.6 | 18.51 | 60.9 | 18.68 | 62.2 | 18.86 | 63.5 | 19.03 | 64.4 | 19.52 | 65.7 | 19.68 | 68.4 | 19.98 | 69.7 | 20.12 |
| | 43 | 57.9 | 19.38 | 59.1 | 19.57 | 60.4 | 19.76 | 61.7 | 19.94 | 62.4 | 20.45 | 63.7 | 20.62 | 66.3 | 20.93 | 67.5 | 21.08 |
| | 46 | 56.0 | 20.26 | 57.3 | 20.46 | 58.5 | 20.66 | 59.8 | 20.84 | 60.3 | 21.39 | 61.6 | 21.56 | 64.1 | 21.89 | 65.4 | 22.05 |
| 74.8 (120%) | 10 | 55.5 | 10.50 | 60.4 | 11.33 | 65.2 | 12.17 | 70.0 | 13.01 | 74.8 | 13.65 | 76.9 | 13.72 | 80.6 | 13.69 | 82.4 | 13.68 |
| | 15 | 55.5 | 10.79 | 60.4 | 11.66 | 65.2 | 12.52 | 70.0 | 13.39 | 74.5 | 14.00 | 76.3 | 13.99 | 80.0 | 13.98 | 81.8 | 13.97 |
| | 21 | 55.5 | 11.36 | 60.4 | 12.27 | 65.2 | 13.19 | 70.0 | 14.10 | 73.5 | 14.52 | 75.2 | 14.51 | 78.8 | 14.51 | 80.6 | 14.50 |
| | 23 | 55.5 | 11.60 | 60.4 | 12.53 | 65.2 | 13.47 | 70.0 | 14.41 | 73.0 | 14.73 | 74.8 | 14.74 | 78.1 | 14.81 | 79.7 | 14.90 |
| | 25 | 55.5 | 11.88 | 60.4 | 12.83 | 65.2 | 13.79 | 70.0 | 14.73 | 72.4 | 15.03 | 73.9 | 15.13 | 77.0 | 15.35 | 78.5 | 15.45 |
| | 27 | 55.5 | 12.18 | 60.4 | 13.17 | 65.2 | 14.15 | 69.4 | 15.18 | 71.4 | 15.56 | 72.8 | 15.67 | 75.8 | 15.90 | 77.2 | 16.00 |
| | 30 | 55.5 | 12.70 | 60.4 | 13.73 | 65.2 | 15.22 | 67.9 | 15.97 | 69.6 | 16.38 | 71.0 | 16.51 | 73.9 | 16.76 | 75.3 | 16.88 |
| | 33 | 55.5 | 13.34 | 60.4 | 14.93 | 64.9 | 16.66 | 66.2 | 16.81 | 67.8 | 17.26 | 69.2 | 17.39 | 71.9 | 17.66 | 73.3 | 17.78 |
| | 35 | 55.5 | 14.09 | 60.4 | 15.96 | 63.8 | 17.23 | 65.2 | 17.39 | 66.6 | 17.85 | 68.0 | 18.00 | 70.7 | 18.28 | 72.0 | 18.42 |
| | 37 | 55.5 | 15.06 | 60.4 | 17.09 | 62.7 | 17.81 | 64.0 | 17.97 | 65.3 | 18.47 | 66.6 | 18.62 | 69.3 | 18.90 | 70.6 | 19.05 |
| | 40 | 55.5 | 16.68 | 59.7 | 18.51 | 61.0 | 18.69 | 62.2 | 18.86 | 63.4 | 19.40 | 64.6 | 19.55 | 67.3 | 19.86 | 68.6 | 20.00 |
| | 43 | 55.5 | 18.50 | 57.9 | 19.40 | 59.1 | 19.58 | 60.4 | 19.76 | 61.4 | 20.33 | 62.6 | 20.49 | 65.2 | 20.81 | 66.5 | 20.97 |
| | 46 | 54.9 | 20.09 | 56.2 | 20.29 | 57.3 | 20.48 | 58.6 | 20.67 | 59.4 | 21.26 | 60.6 | 21.43 | 63.2 | 21.77 | 64.3 | 21.93 |
| 68.6 (110%) | 10 | 50.9 | 9.69 | 55.4 | 10.46 | 59.8 | 11.23 | 64.2 | 12.00 | 68.6 | 12.60 | 74.4 | 13.59 | 78.5 | 13.71 | 80.3 | 13.69 |
| | 15 | 50.9 | 9.96 | 55.4 | 10.76 | 59.8 | 11.55 | 64.2 | 12.34 | 68.6 | 12.97 | 74.2 | 13.96 | 78.0 | 13.99 | 79.7 | 13.98 |
| | 21 | 50.9 | 10.48 | 55.4 | 11.32 | 59.8 | 12.16 | 64.2 | 13.00 | 68.6 | 13.70 | 73.4 | 14.52 | 76.9 | 14.52 | 78.6 | 14.51 |
| | 23 | 50.9 | 10.71 | 55.4 | 11.57 | 59.8 | 12.42 | 64.2 | 13.28 | 68.6 | 14.01 | 72.9 | 14.73 | 76.4 | 14.74 | 77.9 | 14.82 |
| | 25 | 50.9 | 10.96 | 55.4 | 11.84 | 59.8 | 12.71 | 64.2 | 13.60 | 68.6 | 14.37 | 72.4 | 15.02 | 75.3 | 15.23 | 76.9 | 15.33 |
| | 27 | 50.9 | 11.23 | 55.4 | 12.14 | 59.8 | 13.04 | 64.2 | 13.94 | 68.6 | 14.90 | 71.3 | 15.55 | 74.2 | 15.78 | 75.7 | 15.89 |
| | 30 | 50.9 | 11.71 | 55.4 | 12.66 | 59.8 | 13.61 | 64.2 | 14.88 | 68.2 | 16.25 | 69.6 | 16.38 | 72.4 | 16.64 | 73.8 | 16.75 |
| | 33 | 50.9 | 12.27 | 55.4 | 13.29 | 59.8 | 14.71 | 64.2 | 16.40 | 66.5 | 17.13 | 67.8 | 17.26 | 70.6 | 17.53 | 71.9 | 17.65 |
| | 35 | 50.9 | 12.72 | 55.4 | 14.02 | 59.8 | 15.72 | 63.6 | 17.19 | 65.3 | 17.72 | 66.6 | 17.87 | 69.3 | 18.15 | 70.7 | 18.28 |
| | 37 | 50.9 | 13.32 | 55.4 | 14.98 | 59.8 | 16.83 | 62.4 | 17.78 | 64.1 | 18.33 | 65.4 | 18.48 | 68.0 | 18.77 | 69.3 | 18.92 |
| | 40 | 50.9 | 14.68 | 55.4 | 16.59 | 59.5 | 18.49 | 60.8 | 18.66 | 62.2 | 19.25 | 63.5 | 19.42 | 66.0 | 19.72 | 67.3 | 19.86 |
| | 43 | 50.9 | 16.24 | 55.4 | 18.39 | 57.8 | 19.38 | 59.0 | 19.56 | 60.3 | 20.18 | 61.5 | 20.35 | 64.0 | 20.66 | 65.3 | 20.82 |
| | 46 | 50.9 | 17.99 | 54.9 | 20.08 | 56.0 | 20.28 | 57.3 | 20.46 | 58.4 | 21.12 | 59.6 | 21.29 | 62.0 | 21.63 | 63.2 | 21.79 |
| 62.4 (100%) | 10 | 46.3 | 8.89 | 50.4 | 9.59 | 54.3 | 10.28 | 58.4 | 10.99 | 62.4 | 11.53 | 67.7 | 12.43 | 76.2 | 13.72 | 77.9 | 13.72 |
| | 15 | 46.3 | 9.13 | 50.4 | 9.86 | 54.3 | 10.58 | 58.4 | 11.29 | 62.4 | 11.87 | 67.7 | 12.81 | 75.7 | 13.99 | 77.4 | 13.99 |
| | 21 | 46.3 | 9.60 | 50.4 | 10.37 | 54.3 | 11.13 | 58.4 | 11.89 | 62.4 | 12.53 | 67.7 | 13.52 | 74.6 | 14.52 | 76.3 | 14.52 |
| | 23 | 46.3 | 9.81 | 50.4 | 10.59 | 54.3 | 11.37 | 58.4 | 12.14 | 62.4 | 12.81 | 67.7 | 13.83 | 74.2 | 14.74 | 75.8 | 14.73 |
| | 25 | 46.3 | 10.03 | 50.4 | 10.83 | 54.3 | 11.63 | 58.4 | 12.43 | 62.4 | 13.14 | 67.7 | 14.18 | 73.5 | 15.09 | 74.9 | 15.20 |
| | 27 | 46.3 | 10.29 | 50.4 | 11.11 | 54.3 | 11.93 | 58.4 | 12.76 | 62.4 | 13.49 | 67.7 | 14.59 | 72.4 | 15.64 | 73.8 | 15.75 |
| | 30 | 46.3 | 10.72 | 50.4 | 11.58 | 54.3 | 12.44 | 58.4 | 13.30 | 62.4 | 14.20 | 67.7 | 16.06 | 70.7 | 16.48 | 72.1 | 16.61 |
| | 33 | 46.3 | 11.23 | 50.4 | 12.13 | 54.3 | 13.04 | 58.4 | 14.19 | 62.4 | 15.67 | 66.3 | 17.11 | 68.9 | 17.38 | 70.3 | 17.50 |
| | 35 | 46.3 | 11.63 | 50.4 | 12.58 | 54.3 | 13.66 | 58.4 | 15.16 | 62.4 | 16.79 | 65.2 | 17.70 | 67.7 | 17.99 | 69.1 | 18.12 |
| | 37 | 46.3 | 12.09 | 50.4 | 13.15 | 54.3 | 14.58 | 58.4 | 16.22 | 62.4 | 18.01 | 63.9 | 18.32 | 66.5 | 18.61 | 67.7 | 18.75 |
| | 40 | 46.3 | 12.96 | 50.4 | 14.44 | 54.3 | 16.14 | 58.4 | 17.99 | 60.9 | 19.09 | 62.1 | 19.24 | 64.6 | 19.55 | 65.9 | 19.69 |
| | 43 | 46.3 | 14.18 | 50.4 | 15.97 | 54.3 | 17.89 | 57.4 | 19.33 | 59.1 | 20.02 | 60.3 | 20.18 | 62.8 | 20.49 | 63.9 | 20.65 |
| | 46 | 46.3 | 15.67 | 50.4 | 17.68 | 54.3 | 19.85 | 55.7 | 20.22 | 57.2 | 20.95 | 58.4 | 21.12 | 60.8 | 21.46 | 61.9 | 21.62 |

MODEL SELECTION

| Cooling capacity at rated condition: 62.4 kW (22HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 56.1 (90%) | 10 | 41.7 | 8.08 | 45.3 | 8.71 | 49.0 | 9.34 | 52.6 | 9.97 | 56.1 | 10.46 | 61.0 | 11.28 | 70.5 | 12.91 | 75.0 | 13.68 |
| | 15 | 41.7 | 8.30 | 45.3 | 8.95 | 49.0 | 9.60 | 52.6 | 10.25 | 56.1 | 10.77 | 61.0 | 11.61 | 70.5 | 13.29 | 74.6 | 14.00 |
| | 21 | 41.7 | 8.73 | 45.3 | 9.42 | 49.0 | 10.10 | 52.6 | 10.78 | 56.1 | 11.36 | 61.0 | 12.25 | 70.5 | 14.04 | 73.7 | 14.52 |
| | 23 | 41.7 | 8.92 | 45.3 | 9.61 | 49.0 | 10.31 | 52.6 | 11.02 | 56.1 | 11.62 | 61.0 | 12.53 | 70.5 | 14.35 | 73.3 | 14.73 |
| | 25 | 41.7 | 9.11 | 45.3 | 9.84 | 49.0 | 10.55 | 52.6 | 11.27 | 56.1 | 11.90 | 61.0 | 12.84 | 70.5 | 14.71 | 72.7 | 15.04 |
| | 27 | 41.7 | 9.35 | 45.3 | 10.09 | 49.0 | 10.82 | 52.6 | 11.56 | 56.1 | 12.23 | 61.0 | 13.19 | 70.3 | 15.45 | 71.7 | 15.59 |
| | 30 | 41.7 | 9.74 | 45.3 | 10.51 | 49.0 | 11.28 | 52.6 | 12.05 | 56.1 | 12.78 | 61.0 | 13.80 | 68.8 | 16.30 | 70.1 | 16.42 |
| | 33 | 41.7 | 10.19 | 45.3 | 11.01 | 49.0 | 11.81 | 52.6 | 12.62 | 56.1 | 13.46 | 61.0 | 15.11 | 67.1 | 17.18 | 68.4 | 17.31 |
| | 35 | 41.7 | 10.55 | 45.3 | 11.40 | 49.0 | 12.25 | 52.6 | 13.15 | 56.1 | 14.31 | 61.0 | 16.17 | 65.9 | 17.79 | 67.2 | 17.93 |
| | 37 | 41.7 | 10.97 | 45.3 | 11.85 | 49.0 | 12.76 | 52.6 | 13.89 | 56.1 | 15.31 | 61.0 | 17.34 | 64.7 | 18.41 | 66.0 | 18.55 |
| | 40 | 41.7 | 11.66 | 45.3 | 12.66 | 49.0 | 13.86 | 52.6 | 15.36 | 56.1 | 16.99 | 60.5 | 19.04 | 63.0 | 19.35 | 64.2 | 19.50 |
| | 43 | 41.7 | 12.54 | 45.3 | 13.76 | 49.0 | 15.33 | 52.6 | 17.00 | 56.1 | 18.87 | 58.8 | 19.98 | 61.2 | 20.30 | 62.3 | 20.45 |
| | 46 | 41.7 | 13.60 | 45.3 | 15.20 | 49.0 | 16.96 | 52.6 | 18.85 | 55.8 | 20.74 | 57.0 | 20.91 | 59.3 | 21.25 | 60.5 | 21.40 |
| 49.9 (80%) | 10 | 37.0 | 7.28 | 40.3 | 7.84 | 43.5 | 8.39 | 46.7 | 8.95 | 49.9 | 9.39 | 54.1 | 10.11 | 62.6 | 11.56 | 66.8 | 12.29 |
| | 15 | 37.0 | 7.48 | 40.3 | 8.05 | 43.5 | 8.63 | 46.7 | 9.21 | 49.9 | 9.67 | 54.1 | 10.41 | 62.6 | 11.90 | 66.8 | 12.66 |
| | 21 | 37.0 | 7.85 | 40.3 | 8.46 | 43.5 | 9.07 | 46.7 | 9.68 | 49.9 | 10.19 | 54.1 | 10.99 | 62.6 | 12.57 | 66.8 | 13.36 |
| | 23 | 37.0 | 8.02 | 40.3 | 8.64 | 43.5 | 9.26 | 46.7 | 9.88 | 49.9 | 10.42 | 54.1 | 11.23 | 62.6 | 12.86 | 66.8 | 13.67 |
| | 25 | 37.0 | 8.20 | 40.3 | 8.83 | 43.5 | 9.48 | 46.7 | 10.12 | 49.9 | 10.67 | 54.1 | 11.51 | 62.6 | 13.17 | 66.8 | 14.01 |
| | 27 | 37.0 | 8.40 | 40.3 | 9.06 | 43.5 | 9.72 | 46.7 | 10.37 | 49.9 | 10.96 | 54.1 | 11.81 | 62.6 | 13.53 | 66.8 | 14.39 |
| | 30 | 37.0 | 8.75 | 40.3 | 9.43 | 43.5 | 10.13 | 46.7 | 10.81 | 49.9 | 11.45 | 54.1 | 12.35 | 62.6 | 14.26 | 66.8 | 15.75 |
| | 33 | 37.0 | 9.15 | 40.3 | 9.87 | 43.5 | 10.59 | 46.7 | 11.32 | 49.9 | 12.01 | 54.1 | 12.96 | 62.6 | 15.75 | 66.2 | 17.09 |
| | 35 | 37.0 | 9.47 | 40.3 | 10.23 | 43.5 | 10.98 | 46.7 | 11.73 | 49.9 | 12.46 | 54.1 | 13.56 | 62.6 | 16.87 | 65.0 | 17.69 |
| | 37 | 37.0 | 9.84 | 40.3 | 10.63 | 43.5 | 11.41 | 46.7 | 12.19 | 49.9 | 13.03 | 54.1 | 14.50 | 62.6 | 18.11 | 63.9 | 18.32 |
| | 40 | 37.0 | 10.46 | 40.3 | 11.30 | 43.5 | 12.13 | 46.7 | 13.08 | 49.9 | 14.28 | 54.1 | 16.08 | 61.0 | 19.10 | 62.2 | 19.25 |
| | 43 | 37.0 | 11.20 | 40.3 | 12.11 | 43.5 | 13.12 | 46.7 | 14.36 | 49.9 | 15.82 | 54.1 | 17.85 | 59.3 | 20.05 | 60.4 | 20.20 |
| | 46 | 37.0 | 12.04 | 40.3 | 13.12 | 43.5 | 14.36 | 46.7 | 15.87 | 49.9 | 17.54 | 54.1 | 19.82 | 57.6 | 20.99 | 58.7 | 21.16 |
| 43.7 (70%) | 10 | 32.4 | 6.47 | 35.2 | 6.96 | 38.1 | 7.46 | 40.9 | 7.95 | 43.7 | 8.32 | 47.4 | 8.96 | 54.8 | 10.23 | 58.5 | 10.86 |
| | 15 | 32.4 | 6.65 | 35.2 | 7.15 | 38.1 | 7.65 | 40.9 | 8.16 | 43.7 | 8.56 | 47.4 | 9.21 | 54.8 | 10.53 | 58.5 | 11.18 |
| | 21 | 32.4 | 6.98 | 35.2 | 7.51 | 38.1 | 8.04 | 40.9 | 8.58 | 43.7 | 9.02 | 47.4 | 9.72 | 54.8 | 11.11 | 58.5 | 11.80 |
| | 23 | 32.4 | 7.11 | 35.2 | 7.66 | 38.1 | 8.21 | 40.9 | 8.76 | 43.7 | 9.22 | 47.4 | 9.93 | 54.8 | 11.35 | 58.5 | 12.06 |
| | 25 | 32.4 | 7.28 | 35.2 | 7.84 | 38.1 | 8.40 | 40.9 | 8.95 | 43.7 | 9.44 | 47.4 | 10.18 | 54.8 | 11.63 | 58.5 | 12.36 |
| | 27 | 32.4 | 7.46 | 35.2 | 8.03 | 38.1 | 8.61 | 40.9 | 9.18 | 43.7 | 9.69 | 47.4 | 10.45 | 54.8 | 11.95 | 58.5 | 12.70 |
| | 30 | 32.4 | 7.76 | 35.2 | 8.36 | 38.1 | 8.96 | 40.9 | 9.56 | 43.7 | 10.12 | 47.4 | 10.91 | 54.8 | 12.48 | 58.5 | 13.27 |
| | 33 | 32.4 | 8.11 | 35.2 | 8.74 | 38.1 | 9.38 | 40.9 | 10.00 | 43.7 | 10.62 | 47.4 | 11.45 | 54.8 | 13.10 | 58.5 | 14.20 |
| | 35 | 32.4 | 8.40 | 35.2 | 9.06 | 38.1 | 9.71 | 40.9 | 10.37 | 43.7 | 11.01 | 47.4 | 11.87 | 54.8 | 13.79 | 58.5 | 15.19 |
| | 37 | 32.4 | 8.72 | 35.2 | 9.40 | 38.1 | 10.08 | 40.9 | 10.77 | 43.7 | 11.45 | 47.4 | 12.34 | 54.8 | 14.75 | 58.5 | 16.28 |
| | 40 | 32.4 | 9.25 | 35.2 | 9.99 | 38.1 | 10.73 | 40.9 | 11.45 | 43.7 | 12.20 | 47.4 | 13.29 | 54.8 | 16.36 | 58.5 | 18.09 |
| | 43 | 32.4 | 9.90 | 35.2 | 10.68 | 38.1 | 11.48 | 40.9 | 12.29 | 43.7 | 13.20 | 47.4 | 14.69 | 54.8 | 18.16 | 58.2 | 19.89 |
| | 46 | 32.4 | 10.64 | 35.2 | 11.49 | 38.1 | 12.37 | 40.9 | 13.32 | 43.7 | 14.51 | 47.4 | 16.25 | 54.8 | 20.19 | 56.5 | 20.85 |
| 37.4 (60%) | 10 | 27.8 | 5.67 | 30.2 | 6.09 | 32.6 | 6.51 | 35.1 | 6.93 | 37.4 | 7.26 | 40.6 | 7.79 | 47.0 | 8.88 | 50.1 | 9.43 |
| | 15 | 27.8 | 5.82 | 30.2 | 6.25 | 32.6 | 6.68 | 35.1 | 7.11 | 37.4 | 7.46 | 40.6 | 8.02 | 47.0 | 9.14 | 50.1 | 9.70 |
| | 21 | 27.8 | 6.10 | 30.2 | 6.55 | 32.6 | 7.01 | 35.1 | 7.47 | 37.4 | 7.85 | 40.6 | 8.45 | 47.0 | 9.63 | 50.1 | 10.23 |
| | 23 | 27.8 | 6.22 | 30.2 | 6.69 | 32.6 | 7.16 | 35.1 | 7.63 | 37.4 | 8.02 | 40.6 | 8.64 | 47.0 | 9.85 | 50.1 | 10.46 |
| | 25 | 27.8 | 6.36 | 30.2 | 6.84 | 32.6 | 7.32 | 35.1 | 7.80 | 37.4 | 8.21 | 40.6 | 8.85 | 47.0 | 10.09 | 50.1 | 10.71 |
| | 27 | 27.8 | 6.51 | 30.2 | 7.00 | 32.6 | 7.50 | 35.1 | 7.99 | 37.4 | 8.43 | 40.6 | 9.07 | 47.0 | 10.36 | 50.1 | 11.00 |
| | 30 | 27.8 | 6.77 | 30.2 | 7.28 | 32.6 | 7.80 | 35.1 | 8.32 | 37.4 | 8.79 | 40.6 | 9.47 | 47.0 | 10.82 | 50.1 | 11.49 |
| | 33 | 27.8 | 7.07 | 30.2 | 7.61 | 32.6 | 8.16 | 35.1 | 8.70 | 37.4 | 9.21 | 40.6 | 9.92 | 47.0 | 11.34 | 50.1 | 12.06 |
| | 35 | 27.8 | 7.32 | 30.2 | 7.89 | 32.6 | 8.45 | 35.1 | 9.01 | 37.4 | 9.56 | 40.6 | 10.30 | 47.0 | 11.78 | 50.1 | 12.51 |
| | 37 | 27.8 | 7.59 | 30.2 | 8.17 | 32.6 | 8.76 | 35.1 | 9.35 | 37.4 | 9.93 | 40.6 | 10.70 | 47.0 | 12.24 | 50.1 | 13.09 |
| | 40 | 27.8 | 8.06 | 30.2 | 8.68 | 32.6 | 9.31 | 35.1 | 9.93 | 37.4 | 10.57 | 40.6 | 11.39 | 47.0 | 13.17 | 50.1 | 14.37 |
| | 43 | 27.8 | 8.60 | 30.2 | 9.28 | 32.6 | 9.96 | 35.1 | 10.63 | 37.4 | 11.32 | 40.6 | 12.23 | 47.0 | 14.50 | 50.1 | 15.92 |
| | 46 | 27.8 | 9.24 | 30.2 | 9.97 | 32.6 | 10.70 | 35.1 | 11.43 | 37.4 | 12.20 | 40.6 | 13.28 | 47.0 | 16.05 | 50.1 | 17.65 |
| 31.2 (50%) | 10 | 23.1 | 4.86 | 25.1 | 5.21 | 27.2 | 5.57 | 29.2 | 5.91 | 31.2 | 6.18 | 33.8 | 6.64 | 39.1 | 7.54 | 41.8 | 8.00 |
| | 15 | 23.1 | 4.99 | 25.1 | 5.35 | 27.2 | 5.70 | 29.2 | 6.07 | 31.2 | 6.36 | 33.8 | 6.83 | 39.1 | 7.76 | 41.8 | 8.22 |
| | 21 | 23.1 | 5.22 | 25.1 | 5.60 | 27.2 | 5.99 | 29.2 | 6.37 | 31.2 | 6.68 | 33.8 | 7.18 | 39.1 | 8.17 | 41.8 | 8.67 |
| | 23 | 23.1 | 5.32 | 25.1 | 5.71 | 27.2 | 6.11 | 29.2 | 6.49 | 31.2 | 6.83 | 33.8 | 7.34 | 39.1 | 8.35 | 41.8 | 8.86 |
| | 25 | 23.1 | 5.44 | 25.1 | 5.84 | 27.2 | 6.24 | 29.2 | 6.64 | 31.2 | 6.98 | 33.8 | 7.50 | 39.1 | 8.55 | 41.8 | 9.07 |
| | 27 | 23.1 | 5.56 | 25.1 | 5.98 | 27.2 | 6.39 | 29.2 | 6.79 | 31.2 | 7.16 | 33.8 | 7.70 | 39.1 | 8.78 | 41.8 | 9.31 |
| | 30 | 23.1 | 5.79 | 25.1 | 6.22 | 27.2 | 6.65 | 29.2 | 7.07 | 31.2 | 7.47 | 33.8 | 8.04 | 39.1 | 9.15 | 41.8 | 9.71 |
| | 33 | 23.1 | 6.03 | 25.1 | 6.49 | 27.2 | 6.93 | 29.2 | 7.39 | 31.2 | 7.82 | 33.8 | 8.41 | 39.1 | 9.60 | 41.8 | 10.19 |
| | 35 | 23.1 | 6.24 | 25.1 | 6.70 | 27.2 | 7.18 | 29.2 | 7.65 | 31.2 | 8.11 | 33.8 | 8.72 | 39.1 | 9.95 | 41.8 | 10.56 |
| | 37 | 23.1 | 6.47 | 25.1 | 6.96 | 27.2 | 7.45 | 29.2 | 7.94 | 31.2 | 8.42 | 33.8 | 9.06 | 39.1 | 10.34 | 41.8 | 10.98 |
| | 40 | 23.1 | 6.85 | 25.1 | 7.38 | 27.2 | 7.90 | 29.2 | 8.42 | 31.2 | 8.94 | 33.8 | 9.64 | 39.1 | 11.01 | 41.8 | 11.70 |
| | 43 | 23.1 | 7.31 | 25.1 | 7.88 | 27.2 | 8.44 | 29.2 | 9.00 | 31.2 | 9.58 | 33.8 | 10.32 | 39.1 | 11.79 | 41.8 | 12.60 |
| | 46 | 23.1 | 7.84 | 25.1 | 8.44 | 27.2 | 9.06 | 29.2 | 9.66 | 31.2 | 10.29 | 33.8 | 11.10 | 39.1 | 12.77 | 41.8 | 13.68 |

# ■ Model: AJ∗216GALDHH

| Cooling capacity at rated condition: 67.2 kW (24HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 100.8 (150%) | 10 | 74.7 | 12.60 | 79.5 | 13.20 | 81.3 | 13.20 | 83.4 | 13.20 | 85.0 | 13.23 | 87.0 | 13.20 | 91.2 | 13.11 | 93.3 | 13.05 |
| | 15 | 74.7 | 12.96 | 78.9 | 13.47 | 80.7 | 13.47 | 82.8 | 13.47 | 84.4 | 13.50 | 86.4 | 13.47 | 90.6 | 13.41 | 92.4 | 13.35 |
| | 21 | 74.7 | 13.68 | 77.7 | 13.95 | 79.8 | 13.95 | 81.6 | 13.95 | 83.1 | 14.04 | 85.2 | 14.01 | 89.1 | 13.92 | 91.2 | 13.89 |
| | 23 | 74.7 | 13.98 | 77.4 | 14.16 | 79.2 | 14.16 | 81.3 | 14.16 | 82.6 | 14.25 | 84.6 | 14.22 | 88.2 | 14.34 | 90.0 | 14.40 |
| | 25 | 74.7 | 14.31 | 76.8 | 14.37 | 78.6 | 14.40 | 80.4 | 14.52 | 81.6 | 14.67 | 83.4 | 14.76 | 86.7 | 14.88 | 88.5 | 14.94 |
| | 27 | 74.1 | 14.73 | 75.9 | 14.82 | 77.4 | 14.94 | 79.2 | 15.03 | 80.3 | 15.21 | 81.9 | 15.30 | 85.5 | 15.45 | 87.0 | 15.51 |
| | 30 | 72.6 | 15.48 | 74.1 | 15.60 | 75.9 | 15.72 | 77.4 | 15.81 | 78.3 | 16.05 | 80.1 | 16.11 | 83.4 | 16.26 | 84.9 | 16.35 |
| | 33 | 70.8 | 16.26 | 72.3 | 16.38 | 74.1 | 16.50 | 75.6 | 16.59 | 76.3 | 16.86 | 78.0 | 16.95 | 81.0 | 17.13 | 82.8 | 17.22 |
| | 35 | 69.6 | 16.77 | 71.1 | 16.92 | 72.6 | 17.04 | 74.4 | 17.16 | 74.9 | 17.46 | 76.5 | 17.58 | 79.5 | 17.79 | 81.3 | 17.88 |
| | 37 | 68.4 | 17.34 | 69.9 | 17.49 | 71.4 | 17.64 | 72.9 | 17.76 | 73.5 | 18.09 | 75.0 | 18.21 | 78.0 | 18.45 | 79.5 | 18.54 |
| | 40 | 66.3 | 18.21 | 67.8 | 18.36 | 69.3 | 18.51 | 70.8 | 18.66 | 71.3 | 19.05 | 72.9 | 19.17 | 75.9 | 19.44 | 77.4 | 19.56 |
| | 43 | 64.5 | 19.08 | 66.0 | 19.26 | 67.2 | 19.41 | 68.7 | 19.56 | 69.1 | 20.01 | 70.5 | 20.16 | 73.5 | 20.43 | 75.0 | 20.55 |
| | 46 | 62.4 | 19.98 | 63.9 | 20.13 | 65.1 | 20.31 | 66.6 | 20.49 | 66.8 | 20.97 | 68.4 | 21.12 | 71.1 | 21.42 | 72.6 | 21.57 |
| 94.0 (140%) | 10 | 69.9 | 11.82 | 75.9 | 12.78 | 79.8 | 13.20 | 81.6 | 13.20 | 83.6 | 13.23 | 85.5 | 13.20 | 89.7 | 13.14 | 91.8 | 13.11 |
| | 15 | 69.9 | 12.15 | 75.9 | 13.14 | 79.2 | 13.47 | 81.0 | 13.47 | 83.0 | 13.53 | 84.9 | 13.50 | 88.8 | 13.44 | 90.9 | 13.38 |
| | 21 | 69.9 | 12.81 | 75.9 | 13.86 | 78.0 | 13.95 | 79.8 | 13.95 | 81.8 | 14.04 | 83.7 | 14.01 | 87.6 | 13.95 | 89.7 | 13.92 |
| | 23 | 69.9 | 13.11 | 75.9 | 14.13 | 77.7 | 14.16 | 79.5 | 14.16 | 81.3 | 14.25 | 83.1 | 14.25 | 87.0 | 14.28 | 88.5 | 14.37 |
| | 25 | 69.9 | 13.44 | 75.3 | 14.37 | 77.1 | 14.37 | 78.9 | 14.43 | 80.4 | 14.64 | 82.2 | 14.70 | 85.5 | 14.85 | 87.3 | 14.91 |
| | 27 | 69.9 | 13.77 | 74.4 | 14.73 | 76.2 | 14.85 | 77.7 | 14.94 | 79.2 | 15.18 | 80.7 | 15.24 | 84.3 | 15.39 | 85.8 | 15.45 |
| | 30 | 69.9 | 14.85 | 72.9 | 15.51 | 74.4 | 15.63 | 76.2 | 15.72 | 77.3 | 15.99 | 78.9 | 16.05 | 82.2 | 16.23 | 83.7 | 16.29 |
| | 33 | 69.6 | 16.17 | 71.1 | 16.29 | 72.6 | 16.41 | 74.4 | 16.50 | 75.3 | 16.80 | 76.8 | 16.89 | 80.1 | 17.07 | 81.6 | 17.16 |
| | 35 | 68.4 | 16.68 | 69.9 | 16.80 | 71.4 | 16.95 | 73.2 | 17.07 | 73.9 | 17.40 | 75.6 | 17.52 | 78.6 | 17.73 | 80.1 | 17.82 |
| | 37 | 67.2 | 17.25 | 68.7 | 17.40 | 70.2 | 17.52 | 71.7 | 17.67 | 72.5 | 18.03 | 74.1 | 18.15 | 77.1 | 18.36 | 78.6 | 18.48 |
| | 40 | 65.4 | 18.12 | 66.9 | 18.27 | 68.4 | 18.42 | 69.6 | 18.54 | 70.4 | 18.96 | 72.0 | 19.11 | 75.0 | 19.35 | 76.5 | 19.47 |
| | 43 | 63.3 | 18.99 | 64.8 | 19.14 | 66.3 | 19.29 | 67.8 | 19.44 | 68.2 | 19.92 | 69.6 | 20.07 | 72.6 | 20.34 | 74.1 | 20.49 |
| | 46 | 61.5 | 19.86 | 62.7 | 20.01 | 64.2 | 20.19 | 65.7 | 20.37 | 66.0 | 20.88 | 67.5 | 21.03 | 70.2 | 21.33 | 71.7 | 21.48 |
| 87.3 (130%) | 10 | 64.8 | 11.04 | 70.5 | 11.91 | 76.2 | 12.81 | 79.5 | 13.20 | 82.0 | 13.26 | 84.0 | 13.23 | 87.9 | 13.17 | 90.0 | 13.14 |
| | 15 | 64.8 | 11.37 | 70.5 | 12.27 | 76.2 | 13.17 | 79.2 | 13.47 | 81.4 | 13.53 | 83.4 | 13.53 | 87.3 | 13.47 | 89.1 | 13.41 |
| | 21 | 64.8 | 11.97 | 70.5 | 12.93 | 76.2 | 13.89 | 78.0 | 13.95 | 80.3 | 14.04 | 82.2 | 14.04 | 86.1 | 13.98 | 87.9 | 13.95 |
| | 23 | 64.8 | 12.24 | 70.5 | 13.23 | 75.9 | 14.13 | 77.7 | 14.16 | 79.8 | 14.28 | 81.6 | 14.25 | 85.5 | 14.25 | 87.0 | 14.31 |
| | 25 | 64.8 | 12.54 | 70.5 | 13.53 | 75.3 | 14.37 | 77.1 | 14.37 | 79.1 | 14.55 | 80.7 | 14.64 | 84.0 | 14.79 | 85.8 | 14.85 |
| | 27 | 64.8 | 12.87 | 70.5 | 13.89 | 74.7 | 14.73 | 76.2 | 14.85 | 77.9 | 15.09 | 79.5 | 15.18 | 82.8 | 15.33 | 84.6 | 15.42 |
| | 30 | 64.8 | 13.44 | 70.5 | 15.03 | 72.9 | 15.51 | 74.4 | 15.63 | 76.1 | 15.93 | 77.7 | 15.99 | 81.0 | 16.17 | 82.5 | 16.23 |
| | 33 | 64.8 | 14.67 | 69.9 | 16.17 | 71.4 | 16.29 | 72.9 | 16.41 | 74.2 | 16.74 | 75.6 | 16.83 | 78.9 | 17.01 | 80.4 | 17.10 |
| | 35 | 64.8 | 15.54 | 68.7 | 16.71 | 70.2 | 16.83 | 71.7 | 16.95 | 72.9 | 17.31 | 74.4 | 17.43 | 77.4 | 17.64 | 78.9 | 17.73 |
| | 37 | 64.8 | 16.59 | 67.5 | 17.28 | 69.0 | 17.40 | 70.5 | 17.55 | 71.5 | 17.94 | 72.9 | 18.06 | 75.9 | 18.30 | 77.4 | 18.39 |
| | 40 | 64.2 | 18.00 | 65.7 | 18.12 | 66.9 | 18.27 | 68.4 | 18.42 | 69.4 | 18.87 | 70.8 | 19.02 | 73.8 | 19.26 | 75.3 | 19.38 |
| | 43 | 62.4 | 18.84 | 63.6 | 19.02 | 65.1 | 19.17 | 66.6 | 19.32 | 67.3 | 19.83 | 68.7 | 19.98 | 71.7 | 20.25 | 72.9 | 20.37 |
| | 46 | 60.3 | 19.71 | 61.8 | 19.89 | 63.0 | 20.07 | 64.5 | 20.22 | 65.2 | 20.79 | 66.6 | 20.94 | 69.3 | 21.24 | 70.8 | 21.39 |
| 80.6 (120%) | 10 | 59.7 | 10.26 | 65.1 | 11.07 | 70.2 | 11.88 | 75.3 | 12.69 | 80.3 | 13.29 | 82.2 | 13.26 | 86.1 | 13.20 | 87.9 | 13.17 |
| | 15 | 59.7 | 10.56 | 65.1 | 11.40 | 70.2 | 12.24 | 75.3 | 13.08 | 79.7 | 13.56 | 81.6 | 13.53 | 85.5 | 13.50 | 87.3 | 13.47 |
| | 21 | 59.7 | 11.13 | 65.1 | 12.00 | 70.2 | 12.90 | 75.3 | 13.80 | 78.6 | 14.07 | 80.4 | 14.04 | 84.3 | 14.01 | 86.1 | 13.98 |
| | 23 | 59.7 | 11.37 | 65.1 | 12.27 | 70.2 | 13.17 | 75.3 | 14.10 | 78.1 | 14.28 | 80.1 | 14.28 | 83.7 | 14.22 | 85.5 | 14.25 |
| | 25 | 59.7 | 11.64 | 65.1 | 12.57 | 70.2 | 13.50 | 75.3 | 14.37 | 77.6 | 14.52 | 79.2 | 14.58 | 82.5 | 14.73 | 84.3 | 14.79 |
| | 27 | 59.7 | 11.94 | 65.1 | 12.90 | 70.2 | 13.86 | 74.4 | 14.73 | 76.5 | 15.03 | 78.0 | 15.12 | 81.3 | 15.27 | 82.8 | 15.33 |
| | 30 | 59.7 | 12.45 | 65.1 | 13.47 | 70.2 | 14.97 | 72.9 | 15.51 | 74.7 | 15.84 | 76.2 | 15.93 | 79.5 | 16.08 | 81.0 | 16.17 |
| | 33 | 59.7 | 13.17 | 65.1 | 14.73 | 69.6 | 16.17 | 71.1 | 16.29 | 72.9 | 16.65 | 74.4 | 16.74 | 77.4 | 16.92 | 78.9 | 17.01 |
| | 35 | 59.7 | 13.95 | 65.1 | 15.63 | 68.7 | 16.71 | 70.2 | 16.83 | 71.6 | 17.22 | 73.2 | 17.34 | 76.2 | 17.55 | 77.7 | 17.67 |
| | 37 | 59.7 | 14.82 | 65.1 | 16.68 | 67.5 | 17.28 | 69.0 | 17.40 | 70.3 | 17.85 | 71.7 | 17.97 | 74.7 | 18.18 | 76.2 | 18.30 |
| | 40 | 59.7 | 16.38 | 64.2 | 18.00 | 65.7 | 18.15 | 66.9 | 18.27 | 68.3 | 18.78 | 69.6 | 18.90 | 72.6 | 19.17 | 74.1 | 19.29 |
| | 43 | 59.7 | 18.09 | 62.4 | 18.87 | 63.6 | 19.02 | 65.1 | 19.17 | 66.2 | 19.74 | 67.5 | 19.86 | 70.5 | 20.13 | 72.0 | 20.28 |
| | 46 | 59.1 | 19.56 | 60.6 | 19.74 | 61.8 | 19.92 | 63.3 | 20.07 | 64.1 | 20.67 | 65.4 | 20.82 | 68.4 | 21.12 | 69.6 | 21.27 |
| 73.9 (110%) | 10 | 54.9 | 9.48 | 59.7 | 10.23 | 64.5 | 10.98 | 69.0 | 11.73 | 73.9 | 12.33 | 80.1 | 13.29 | 84.0 | 13.23 | 85.8 | 13.20 |
| | 15 | 54.9 | 9.75 | 59.7 | 10.53 | 64.5 | 11.28 | 69.0 | 12.06 | 73.9 | 12.69 | 79.5 | 13.56 | 83.4 | 13.53 | 85.2 | 13.50 |
| | 21 | 54.9 | 10.26 | 59.7 | 11.07 | 64.5 | 11.91 | 69.0 | 12.72 | 73.9 | 13.41 | 78.6 | 14.07 | 82.2 | 14.04 | 84.0 | 14.01 |
| | 23 | 54.9 | 10.50 | 59.7 | 11.34 | 64.5 | 12.15 | 69.0 | 12.99 | 73.9 | 13.71 | 78.0 | 14.28 | 81.6 | 14.25 | 83.4 | 14.25 |
| | 25 | 54.9 | 10.74 | 59.7 | 11.61 | 64.5 | 12.45 | 69.0 | 13.32 | 73.9 | 14.07 | 77.7 | 14.52 | 80.7 | 14.64 | 82.5 | 14.70 |
| | 27 | 54.9 | 11.01 | 59.7 | 11.91 | 64.5 | 12.78 | 69.0 | 13.65 | 73.9 | 14.58 | 76.5 | 15.03 | 79.5 | 15.18 | 81.3 | 15.27 |
| | 30 | 54.9 | 11.49 | 59.7 | 12.42 | 64.5 | 13.35 | 69.0 | 14.64 | 73.2 | 15.75 | 74.7 | 15.84 | 77.7 | 16.02 | 79.2 | 16.08 |
| | 33 | 54.9 | 12.06 | 59.7 | 13.11 | 64.5 | 14.52 | 69.0 | 16.02 | 71.4 | 16.56 | 72.9 | 16.65 | 75.9 | 16.83 | 77.4 | 16.92 |
| | 35 | 54.9 | 12.48 | 59.7 | 13.89 | 64.5 | 15.42 | 68.4 | 16.68 | 70.2 | 17.13 | 71.7 | 17.25 | 74.7 | 17.46 | 76.2 | 17.55 |
| | 37 | 54.9 | 13.23 | 59.7 | 14.76 | 64.5 | 16.44 | 67.2 | 17.25 | 68.9 | 17.73 | 70.5 | 17.85 | 73.2 | 18.09 | 74.7 | 18.21 |
| | 40 | 54.9 | 14.52 | 59.7 | 16.29 | 63.9 | 17.97 | 65.4 | 18.12 | 67.0 | 18.66 | 68.4 | 18.81 | 71.1 | 19.05 | 72.6 | 19.17 |
| | 43 | 54.9 | 16.02 | 59.7 | 17.97 | 62.1 | 18.84 | 63.6 | 18.99 | 65.0 | 19.59 | 66.3 | 19.74 | 69.0 | 20.01 | 70.5 | 20.16 |
| | 46 | 54.9 | 17.67 | 59.1 | 19.56 | 60.3 | 19.74 | 61.8 | 19.89 | 63.0 | 20.55 | 64.2 | 20.70 | 66.9 | 21.00 | 68.4 | 21.15 |
| 67.2 (100%) | 10 | 49.8 | 8.70 | 54.3 | 9.39 | 58.5 | 10.05 | 63.0 | 10.74 | 67.2 | 11.28 | 72.9 | 12.15 | 81.6 | 13.26 | 83.4 | 13.26 |
| | 15 | 49.8 | 8.94 | 54.3 | 9.66 | 58.5 | 10.35 | 63.0 | 11.04 | 67.2 | 11.61 | 72.9 | 12.54 | 81.0 | 13.53 | 82.8 | 13.53 |
| | 21 | 49.8 | 9.42 | 54.3 | 10.17 | 58.5 | 10.89 | 63.0 | 11.64 | 67.2 | 12.27 | 72.9 | 13.23 | 79.8 | 14.07 | 81.6 | 14.04 |
| | 23 | 49.8 | 9.63 | 54.3 | 10.38 | 58.5 | 11.13 | 63.0 | 11.88 | 67.2 | 12.54 | 72.9 | 13.53 | 79.5 | 14.28 | 81.0 | 14.25 |
| | 25 | 49.8 | 9.84 | 54.3 | 10.62 | 58.5 | 11.40 | 63.0 | 12.18 | 67.2 | 12.87 | 72.9 | 13.89 | 78.9 | 14.55 | 80.4 | 14.61 |
| | 27 | 49.8 | 10.11 | 54.3 | 10.89 | 58.5 | 11.70 | 63.0 | 12.51 | 67.2 | 13.23 | 72.9 | 14.31 | 77.7 | 15.09 | 79.2 | 15.18 |
| | 30 | 49.8 | 10.53 | 54.3 | 11.37 | 58.5 | 12.21 | 63.0 | 13.05 | 67.2 | 14.01 | 72.9 | 15.72 | 75.9 | 15.90 | 77.4 | 15.99 |
| | 33 | 49.8 | 11.04 | 54.3 | 11.91 | 58.5 | 12.81 | 63.0 | 14.07 | 67.2 | 15.36 | 71.1 | 16.56 | 74.1 | 16.74 | 75.6 | 16.83 |
| | 35 | 49.8 | 11.40 | 54.3 | 12.33 | 58.5 | 13.56 | 63.0 | 14.91 | 67.2 | 16.35 | 70.2 | 17.10 | 72.9 | 17.34 | 74.4 | 17.43 |
| | 37 | 49.8 | 11.82 | 54.3 | 13.02 | 58.5 | 14.40 | 63.0 | 15.90 | 67.2 | 17.52 | 68.7 | 17.73 | 71.7 | 17.97 | 72.9 | 18.06 |
| | 40 | 49.8 | 12.81 | 54.3 | 14.31 | 58.5 | 15.87 | 63.0 | 17.55 | 65.5 | 18.54 | 66.9 | 18.66 | 69.6 | 18.90 | 71.1 | 19.02 |
| | 43 | 49.8 | 14.10 | 54.3 | 15.78 | 58.5 | 17.52 | 61.8 | 18.81 | 63.6 | 19.47 | 65.1 | 19.59 | 67.8 | 19.86 | 69.0 | 20.01 |
| | 46 | 49.8 | 15.54 | 54.3 | 17.40 | 58.5 | 19.35 | 60.0 | 19.68 | 61.7 | 20.40 | 63.0 | 20.55 | 65.7 | 20.85 | 66.9 | 21.00 |

MODEL SELECTION

| Cooling capacity at rated condition: 67.2 kW (24HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 60.4 (90%) | 10 | 45.0 | 7.92 | 48.9 | 8.52 | 52.8 | 9.15 | 56.7 | 9.75 | 60.4 | 10.23 | 65.7 | 11.04 | 75.9 | 12.63 | 80.4 | 13.29 |
| | 15 | 45.0 | 8.13 | 48.9 | 8.76 | 52.8 | 9.39 | 56.7 | 10.02 | 60.4 | 10.56 | 65.7 | 11.37 | 75.9 | 12.99 | 79.8 | 13.56 |
| | 21 | 45.0 | 8.58 | 48.9 | 9.24 | 52.8 | 9.90 | 56.7 | 10.56 | 60.4 | 11.13 | 65.7 | 12.00 | 75.9 | 13.74 | 78.9 | 14.07 |
| | 23 | 45.0 | 8.76 | 48.9 | 9.42 | 52.8 | 10.11 | 56.7 | 10.80 | 60.4 | 11.40 | 65.7 | 12.27 | 75.9 | 14.04 | 78.3 | 14.28 |
| | 25 | 45.0 | 8.94 | 48.9 | 9.66 | 52.8 | 10.35 | 56.7 | 11.04 | 60.4 | 11.67 | 65.7 | 12.57 | 75.9 | 14.40 | 78.0 | 14.52 |
| | 27 | 45.0 | 9.18 | 48.9 | 9.90 | 52.8 | 10.62 | 56.7 | 11.34 | 60.4 | 12.00 | 65.7 | 12.93 | 75.3 | 14.97 | 76.8 | 15.06 |
| | 30 | 45.0 | 9.57 | 48.9 | 10.32 | 52.8 | 11.07 | 56.7 | 11.82 | 60.4 | 12.54 | 65.7 | 13.56 | 73.8 | 15.78 | 75.3 | 15.87 |
| | 33 | 45.0 | 10.02 | 48.9 | 10.83 | 52.8 | 11.61 | 56.7 | 12.39 | 60.4 | 13.32 | 65.7 | 14.88 | 72.0 | 16.59 | 73.5 | 16.68 |
| | 35 | 45.0 | 10.35 | 48.9 | 11.19 | 52.8 | 12.00 | 56.7 | 12.99 | 60.4 | 14.16 | 65.7 | 15.81 | 70.8 | 17.19 | 72.3 | 17.28 |
| | 37 | 45.0 | 10.74 | 48.9 | 11.58 | 52.8 | 12.54 | 56.7 | 13.77 | 60.4 | 15.06 | 65.7 | 16.92 | 69.6 | 17.79 | 71.1 | 17.91 |
| | 40 | 45.0 | 11.37 | 48.9 | 12.45 | 52.8 | 13.77 | 56.7 | 15.15 | 60.4 | 16.68 | 65.1 | 18.48 | 67.8 | 18.75 | 69.3 | 18.87 |
| | 43 | 45.0 | 12.33 | 48.9 | 13.71 | 52.8 | 15.18 | 56.7 | 16.71 | 60.4 | 18.45 | 63.3 | 19.44 | 66.0 | 19.71 | 67.2 | 19.83 |
| | 46 | 45.0 | 13.56 | 48.9 | 15.09 | 52.8 | 16.74 | 56.7 | 18.45 | 60.1 | 20.22 | 61.5 | 20.37 | 63.9 | 20.67 | 65.4 | 20.79 |
| 53.7 (80%) | 10 | 39.9 | 7.14 | 43.5 | 7.68 | 46.8 | 8.22 | 50.4 | 8.76 | 53.7 | 9.21 | 58.2 | 9.90 | 67.5 | 11.31 | 72.0 | 12.03 |
| | 15 | 39.9 | 7.35 | 43.5 | 7.89 | 46.8 | 8.46 | 50.4 | 9.03 | 53.7 | 9.48 | 58.2 | 10.20 | 67.5 | 11.64 | 72.0 | 12.39 |
| | 21 | 39.9 | 7.71 | 43.5 | 8.31 | 46.8 | 8.91 | 50.4 | 9.48 | 53.7 | 9.99 | 58.2 | 10.77 | 67.5 | 12.30 | 72.0 | 13.08 |
| | 23 | 39.9 | 7.89 | 43.5 | 8.49 | 46.8 | 9.09 | 50.4 | 9.69 | 53.7 | 10.23 | 58.2 | 11.01 | 67.5 | 12.60 | 72.0 | 13.38 |
| | 25 | 39.9 | 8.07 | 43.5 | 8.67 | 46.8 | 9.30 | 50.4 | 9.93 | 53.7 | 10.47 | 58.2 | 11.28 | 67.5 | 12.90 | 72.0 | 13.71 |
| | 27 | 39.9 | 8.25 | 43.5 | 8.91 | 46.8 | 9.54 | 50.4 | 10.17 | 53.7 | 10.74 | 58.2 | 11.58 | 67.5 | 13.26 | 72.0 | 14.10 |
| | 30 | 39.9 | 8.61 | 43.5 | 9.27 | 46.8 | 9.96 | 50.4 | 10.62 | 53.7 | 11.25 | 58.2 | 12.12 | 67.5 | 14.07 | 72.0 | 15.45 |
| | 33 | 39.9 | 9.00 | 43.5 | 9.72 | 46.8 | 10.41 | 50.4 | 11.13 | 53.7 | 11.79 | 58.2 | 12.72 | 67.5 | 15.45 | 71.1 | 16.53 |
| | 35 | 39.9 | 9.30 | 43.5 | 10.05 | 46.8 | 10.77 | 50.4 | 11.49 | 53.7 | 12.21 | 58.2 | 13.47 | 67.5 | 16.44 | 69.9 | 17.10 |
| | 37 | 39.9 | 9.63 | 43.5 | 10.41 | 46.8 | 11.16 | 50.4 | 11.91 | 53.7 | 12.87 | 58.2 | 14.31 | 67.5 | 17.61 | 68.7 | 17.73 |
| | 40 | 39.9 | 10.20 | 43.5 | 11.01 | 46.8 | 11.82 | 50.4 | 12.96 | 53.7 | 14.16 | 58.2 | 15.84 | 65.7 | 18.54 | 66.9 | 18.66 |
| | 43 | 39.9 | 10.92 | 43.5 | 11.82 | 46.8 | 13.02 | 50.4 | 14.28 | 53.7 | 15.66 | 58.2 | 17.52 | 63.9 | 19.50 | 65.1 | 19.62 |
| | 46 | 39.9 | 11.73 | 43.5 | 12.99 | 46.8 | 14.31 | 50.4 | 15.72 | 53.7 | 17.31 | 58.2 | 19.38 | 62.1 | 20.43 | 63.3 | 20.58 |
| 47.0 (70%) | 10 | 34.8 | 6.36 | 37.8 | 6.84 | 41.1 | 7.32 | 44.1 | 7.80 | 47.0 | 8.16 | 51.0 | 8.79 | 59.1 | 10.02 | 63.0 | 10.62 |
| | 15 | 34.8 | 6.54 | 37.8 | 7.02 | 41.1 | 7.50 | 44.1 | 8.01 | 47.0 | 8.40 | 51.0 | 9.03 | 59.1 | 10.32 | 63.0 | 10.95 |
| | 21 | 34.8 | 6.87 | 37.8 | 7.38 | 41.1 | 7.89 | 44.1 | 8.43 | 47.0 | 8.85 | 51.0 | 9.54 | 59.1 | 10.89 | 63.0 | 11.55 |
| | 23 | 34.8 | 6.99 | 37.8 | 7.53 | 41.1 | 8.07 | 44.1 | 8.61 | 47.0 | 9.06 | 51.0 | 9.75 | 59.1 | 11.13 | 63.0 | 11.82 |
| | 25 | 34.8 | 7.17 | 37.8 | 7.71 | 41.1 | 8.25 | 44.1 | 8.79 | 47.0 | 9.27 | 51.0 | 9.99 | 59.1 | 11.40 | 63.0 | 12.12 |
| | 27 | 34.8 | 7.35 | 37.8 | 7.89 | 41.1 | 8.46 | 44.1 | 9.03 | 47.0 | 9.51 | 51.0 | 10.26 | 59.1 | 11.73 | 63.0 | 12.45 |
| | 30 | 34.8 | 7.65 | 37.8 | 8.22 | 41.1 | 8.82 | 44.1 | 9.39 | 47.0 | 9.93 | 51.0 | 10.71 | 59.1 | 12.24 | 63.0 | 13.02 |
| | 33 | 34.8 | 8.01 | 37.8 | 8.61 | 41.1 | 9.24 | 44.1 | 9.84 | 47.0 | 10.44 | 51.0 | 11.25 | 59.1 | 12.87 | 63.0 | 14.07 |
| | 35 | 34.8 | 8.25 | 37.8 | 8.91 | 41.1 | 9.54 | 44.1 | 10.17 | 47.0 | 10.80 | 51.0 | 11.64 | 59.1 | 13.68 | 63.0 | 14.94 |
| | 37 | 34.8 | 8.55 | 37.8 | 9.21 | 41.1 | 9.87 | 44.1 | 10.53 | 47.0 | 11.19 | 51.0 | 12.06 | 59.1 | 14.55 | 63.0 | 15.96 |
| | 40 | 34.8 | 9.03 | 37.8 | 9.75 | 41.1 | 10.47 | 44.1 | 11.16 | 47.0 | 11.91 | 51.0 | 13.23 | 59.1 | 16.08 | 63.0 | 17.67 |
| | 43 | 34.8 | 9.66 | 37.8 | 10.41 | 41.1 | 11.19 | 44.1 | 12.03 | 47.0 | 13.14 | 51.0 | 14.61 | 59.1 | 17.79 | 62.7 | 19.35 |
| | 46 | 34.8 | 10.38 | 37.8 | 11.19 | 41.1 | 12.12 | 44.1 | 13.23 | 47.0 | 14.49 | 51.0 | 16.11 | 59.1 | 19.71 | 60.9 | 20.31 |
| 40.3 (60%) | 10 | 30.0 | 5.58 | 32.4 | 6.00 | 35.1 | 6.39 | 37.8 | 6.81 | 40.3 | 7.14 | 43.8 | 7.65 | 50.7 | 8.70 | 54.0 | 9.24 |
| | 15 | 30.0 | 5.73 | 32.4 | 6.15 | 35.1 | 6.57 | 37.8 | 6.99 | 40.3 | 7.32 | 43.8 | 7.89 | 50.7 | 8.97 | 54.0 | 9.51 |
| | 21 | 30.0 | 6.00 | 32.4 | 6.45 | 35.1 | 6.90 | 37.8 | 7.35 | 40.3 | 7.71 | 43.8 | 8.31 | 50.7 | 9.45 | 54.0 | 10.02 |
| | 23 | 30.0 | 6.12 | 32.4 | 6.60 | 35.1 | 7.05 | 37.8 | 7.50 | 40.3 | 7.89 | 43.8 | 8.49 | 50.7 | 9.66 | 54.0 | 10.26 |
| | 25 | 30.0 | 6.27 | 32.4 | 6.75 | 35.1 | 7.20 | 37.8 | 7.68 | 40.3 | 8.07 | 43.8 | 8.70 | 50.7 | 9.90 | 54.0 | 10.50 |
| | 27 | 30.0 | 6.42 | 32.4 | 6.90 | 35.1 | 7.38 | 37.8 | 7.86 | 40.3 | 8.28 | 43.8 | 8.91 | 50.7 | 10.17 | 54.0 | 10.80 |
| | 30 | 30.0 | 6.69 | 32.4 | 7.17 | 35.1 | 7.68 | 37.8 | 8.19 | 40.3 | 8.64 | 43.8 | 9.30 | 50.7 | 10.62 | 54.0 | 11.28 |
| | 33 | 30.0 | 6.99 | 32.4 | 7.50 | 35.1 | 8.04 | 37.8 | 8.58 | 40.3 | 9.06 | 43.8 | 9.75 | 50.7 | 11.13 | 54.0 | 11.85 |
| | 35 | 30.0 | 7.20 | 32.4 | 7.77 | 35.1 | 8.31 | 37.8 | 8.85 | 40.3 | 9.39 | 43.8 | 10.11 | 50.7 | 11.55 | 54.0 | 12.24 |
| | 37 | 30.0 | 7.44 | 32.4 | 8.01 | 35.1 | 8.58 | 37.8 | 9.15 | 40.3 | 9.72 | 43.8 | 10.47 | 50.7 | 11.97 | 54.0 | 12.93 |
| | 40 | 30.0 | 7.89 | 32.4 | 8.49 | 35.1 | 9.09 | 37.8 | 9.69 | 40.3 | 10.32 | 43.8 | 11.10 | 50.7 | 13.08 | 54.0 | 14.25 |
| | 43 | 30.0 | 8.40 | 32.4 | 9.06 | 35.1 | 9.72 | 37.8 | 10.38 | 40.3 | 11.04 | 43.8 | 11.97 | 50.7 | 14.43 | 54.0 | 15.75 |
| | 46 | 30.0 | 9.03 | 32.4 | 9.72 | 35.1 | 10.44 | 37.8 | 11.13 | 40.3 | 11.91 | 43.8 | 13.20 | 50.7 | 15.93 | 54.0 | 17.40 |
| 33.6 (50%) | 10 | 24.9 | 4.80 | 27.0 | 5.13 | 29.4 | 5.49 | 31.5 | 5.82 | 33.6 | 6.09 | 36.3 | 6.54 | 42.0 | 7.41 | 45.0 | 7.86 |
| | 15 | 24.9 | 4.92 | 27.0 | 5.28 | 29.4 | 5.61 | 31.5 | 5.97 | 33.6 | 6.27 | 36.3 | 6.72 | 42.0 | 7.62 | 45.0 | 8.07 |
| | 21 | 24.9 | 5.16 | 27.0 | 5.52 | 29.4 | 5.91 | 31.5 | 6.27 | 33.6 | 6.57 | 36.3 | 7.08 | 42.0 | 8.04 | 45.0 | 8.52 |
| | 23 | 24.9 | 5.25 | 27.0 | 5.64 | 29.4 | 6.03 | 31.5 | 6.39 | 33.6 | 6.72 | 36.3 | 7.23 | 42.0 | 8.22 | 45.0 | 8.70 |
| | 25 | 24.9 | 5.37 | 27.0 | 5.76 | 29.4 | 6.15 | 31.5 | 6.54 | 33.6 | 6.87 | 36.3 | 7.38 | 42.0 | 8.40 | 45.0 | 8.91 |
| | 27 | 24.9 | 5.49 | 27.0 | 5.91 | 29.4 | 6.30 | 31.5 | 6.69 | 33.6 | 7.05 | 36.3 | 7.59 | 42.0 | 8.64 | 45.0 | 9.15 |
| | 30 | 24.9 | 5.73 | 27.0 | 6.15 | 29.4 | 6.57 | 31.5 | 6.96 | 33.6 | 7.35 | 36.3 | 7.92 | 42.0 | 9.00 | 45.0 | 9.54 |
| | 33 | 24.9 | 5.97 | 27.0 | 6.42 | 29.4 | 6.84 | 31.5 | 7.29 | 33.6 | 7.71 | 36.3 | 8.28 | 42.0 | 9.45 | 45.0 | 10.02 |
| | 35 | 24.9 | 6.15 | 27.0 | 6.60 | 29.4 | 7.08 | 31.5 | 7.53 | 33.6 | 7.98 | 36.3 | 8.58 | 42.0 | 9.75 | 45.0 | 10.35 |
| | 37 | 24.9 | 6.36 | 27.0 | 6.84 | 29.4 | 7.32 | 31.5 | 7.80 | 33.6 | 8.25 | 36.3 | 8.88 | 42.0 | 10.11 | 45.0 | 10.74 |
| | 40 | 24.9 | 6.72 | 27.0 | 7.23 | 29.4 | 7.74 | 31.5 | 8.22 | 33.6 | 8.73 | 36.3 | 9.42 | 42.0 | 10.74 | 45.0 | 11.40 |
| | 43 | 24.9 | 7.17 | 27.0 | 7.71 | 29.4 | 8.25 | 31.5 | 8.79 | 33.6 | 9.36 | 36.3 | 10.08 | 42.0 | 11.49 | 45.0 | 12.42 |
| | 46 | 24.9 | 7.68 | 27.0 | 8.25 | 29.4 | 8.85 | 31.5 | 9.42 | 33.6 | 10.05 | 36.3 | 10.83 | 42.0 | 12.60 | 45.0 | 13.68 |

# ■ Model: AJ∗234GALDHH

| Cooling capacity at rated condition: 72.8 kW (26HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 109.2 (150%) | 10 | 81.0 | 13.86 | 86.1 | 14.52 | 88.1 | 14.52 | 90.3 | 14.52 | 92.1 | 14.55 | 94.3 | 14.52 | 98.8 | 14.42 | 101.1 | 14.36 |
| | 15 | 81.0 | 14.26 | 85.5 | 14.82 | 87.5 | 14.82 | 89.7 | 14.82 | 91.4 | 14.85 | 93.6 | 14.82 | 98.1 | 14.75 | 100.2 | 14.69 |
| | 21 | 81.0 | 15.05 | 84.2 | 15.35 | 86.4 | 15.35 | 88.4 | 15.36 | 90.1 | 15.45 | 92.3 | 15.41 | 96.5 | 15.32 | 98.8 | 15.29 |
| | 23 | 81.0 | 15.39 | 83.8 | 15.58 | 85.8 | 15.59 | 88.0 | 15.59 | 89.5 | 15.68 | 91.6 | 15.65 | 95.5 | 15.78 | 97.5 | 15.84 |
| | 25 | 81.0 | 15.76 | 83.2 | 15.82 | 85.2 | 15.85 | 87.1 | 15.97 | 88.4 | 16.15 | 90.3 | 16.24 | 94.0 | 16.38 | 95.9 | 16.45 |
| | 27 | 80.3 | 16.21 | 82.2 | 16.31 | 83.9 | 16.44 | 85.8 | 16.54 | 87.0 | 16.75 | 88.8 | 16.84 | 92.6 | 17.00 | 94.3 | 17.07 |
| | 30 | 78.6 | 17.05 | 80.3 | 17.18 | 82.2 | 17.30 | 83.9 | 17.41 | 84.9 | 17.67 | 86.7 | 17.74 | 90.3 | 17.91 | 92.0 | 18.00 |
| | 33 | 76.7 | 17.91 | 78.4 | 18.04 | 80.2 | 18.17 | 81.9 | 18.28 | 82.7 | 18.57 | 84.5 | 18.67 | 87.8 | 18.87 | 89.7 | 18.97 |
| | 35 | 75.4 | 18.48 | 77.1 | 18.64 | 78.7 | 18.78 | 80.6 | 18.91 | 81.1 | 19.24 | 82.9 | 19.37 | 86.2 | 19.60 | 88.0 | 19.71 |
| | 37 | 74.1 | 19.11 | 75.7 | 19.27 | 77.4 | 19.44 | 79.0 | 19.57 | 79.6 | 19.94 | 81.3 | 20.07 | 84.5 | 20.33 | 86.2 | 20.44 |
| | 40 | 71.9 | 20.08 | 73.5 | 20.24 | 75.1 | 20.41 | 76.7 | 20.57 | 77.2 | 21.00 | 78.9 | 21.14 | 82.2 | 21.43 | 83.8 | 21.56 |
| | 43 | 69.8 | 21.04 | 71.4 | 21.23 | 72.8 | 21.40 | 74.5 | 21.57 | 74.8 | 22.07 | 76.4 | 22.23 | 79.6 | 22.53 | 81.2 | 22.67 |
| | 46 | 67.6 | 22.03 | 69.2 | 22.21 | 70.6 | 22.40 | 72.2 | 22.59 | 72.4 | 23.13 | 74.0 | 23.30 | 77.0 | 23.63 | 78.6 | 23.80 |
| 101.9 (140%) | 10 | 75.7 | 12.99 | 82.2 | 14.05 | 86.4 | 14.52 | 88.4 | 14.52 | 90.6 | 14.56 | 92.7 | 14.53 | 97.1 | 14.46 | 99.4 | 14.42 |
| | 15 | 75.7 | 13.37 | 82.2 | 14.46 | 85.8 | 14.82 | 87.8 | 14.82 | 89.9 | 14.88 | 92.0 | 14.85 | 96.3 | 14.78 | 98.5 | 14.72 |
| | 21 | 75.7 | 14.10 | 82.2 | 15.25 | 84.5 | 15.35 | 86.5 | 15.36 | 88.6 | 15.45 | 90.7 | 15.42 | 94.9 | 15.36 | 97.2 | 15.32 |
| | 23 | 75.7 | 14.42 | 82.2 | 15.56 | 84.1 | 15.58 | 86.1 | 15.59 | 88.0 | 15.69 | 90.1 | 15.68 | 94.2 | 15.72 | 95.9 | 15.80 |
| | 25 | 75.7 | 14.78 | 81.6 | 15.82 | 83.5 | 15.82 | 85.5 | 15.88 | 87.1 | 16.10 | 89.0 | 16.18 | 92.6 | 16.34 | 94.6 | 16.41 |
| | 27 | 75.7 | 15.16 | 80.6 | 16.22 | 82.5 | 16.34 | 84.2 | 16.45 | 85.8 | 16.70 | 87.5 | 16.78 | 91.3 | 16.94 | 93.0 | 17.01 |
| | 30 | 75.7 | 16.34 | 79.0 | 17.08 | 80.6 | 17.20 | 82.5 | 17.31 | 83.7 | 17.60 | 85.5 | 17.68 | 89.0 | 17.87 | 90.7 | 17.94 |
| | 33 | 75.4 | 17.80 | 77.1 | 17.94 | 78.7 | 18.07 | 80.6 | 18.18 | 81.6 | 18.51 | 83.2 | 18.60 | 86.8 | 18.81 | 88.4 | 18.91 |
| | 35 | 74.1 | 18.38 | 75.8 | 18.51 | 77.4 | 18.67 | 79.2 | 18.81 | 80.1 | 19.17 | 81.9 | 19.30 | 85.1 | 19.53 | 86.8 | 19.64 |
| | 37 | 72.8 | 19.01 | 74.4 | 19.17 | 76.1 | 19.31 | 77.7 | 19.47 | 78.6 | 19.87 | 80.3 | 20.00 | 83.5 | 20.24 | 85.2 | 20.37 |
| | 40 | 70.8 | 19.97 | 72.4 | 20.13 | 74.0 | 20.30 | 75.5 | 20.44 | 76.2 | 20.91 | 77.9 | 21.06 | 81.2 | 21.33 | 82.8 | 21.47 |
| | 43 | 68.6 | 20.93 | 70.2 | 21.10 | 71.8 | 21.27 | 73.4 | 21.44 | 73.9 | 21.97 | 75.4 | 22.13 | 78.6 | 22.43 | 80.3 | 22.59 |
| | 46 | 66.6 | 21.90 | 68.0 | 22.07 | 69.5 | 22.27 | 71.1 | 22.46 | 71.5 | 23.04 | 73.1 | 23.20 | 76.1 | 23.54 | 77.7 | 23.70 |
| 94.6 (130%) | 10 | 70.2 | 12.13 | 76.4 | 13.10 | 82.5 | 14.09 | 86.2 | 14.52 | 88.9 | 14.59 | 91.0 | 14.56 | 95.2 | 14.49 | 97.5 | 14.45 |
| | 15 | 70.2 | 12.49 | 76.4 | 13.49 | 82.5 | 14.49 | 85.8 | 14.82 | 88.2 | 14.89 | 90.3 | 14.88 | 94.6 | 14.82 | 96.6 | 14.76 |
| | 21 | 70.2 | 13.16 | 76.4 | 14.22 | 82.5 | 15.29 | 84.5 | 15.35 | 87.0 | 15.46 | 89.0 | 15.45 | 93.2 | 15.39 | 95.3 | 15.35 |
| | 23 | 70.2 | 13.46 | 76.4 | 14.55 | 82.2 | 15.56 | 84.2 | 15.58 | 86.4 | 15.71 | 88.4 | 15.69 | 92.6 | 15.67 | 94.3 | 15.74 |
| | 25 | 70.2 | 13.79 | 76.4 | 14.89 | 81.6 | 15.82 | 83.6 | 15.82 | 85.7 | 16.02 | 87.5 | 16.11 | 91.1 | 16.28 | 93.0 | 16.35 |
| | 27 | 70.2 | 14.15 | 76.4 | 15.29 | 80.9 | 16.22 | 82.6 | 16.34 | 84.4 | 16.62 | 86.2 | 16.71 | 89.7 | 16.88 | 91.6 | 16.97 |
| | 30 | 70.2 | 14.78 | 76.4 | 16.55 | 79.0 | 17.08 | 80.7 | 17.21 | 82.4 | 17.54 | 84.2 | 17.61 | 87.7 | 17.80 | 89.4 | 17.88 |
| | 33 | 70.2 | 16.14 | 75.7 | 17.81 | 77.3 | 17.94 | 79.0 | 18.07 | 80.4 | 18.44 | 82.0 | 18.54 | 85.5 | 18.73 | 87.1 | 18.84 |
| | 35 | 70.2 | 17.12 | 74.4 | 18.40 | 76.0 | 18.54 | 77.7 | 18.68 | 78.9 | 19.08 | 80.6 | 19.21 | 83.9 | 19.44 | 85.5 | 19.54 |
| | 37 | 70.2 | 18.28 | 73.1 | 19.04 | 74.7 | 19.18 | 76.3 | 19.34 | 77.4 | 19.77 | 79.0 | 19.91 | 82.3 | 20.16 | 83.9 | 20.27 |
| | 40 | 69.5 | 19.83 | 71.1 | 19.98 | 72.5 | 20.14 | 74.1 | 20.31 | 75.2 | 20.81 | 76.7 | 20.97 | 79.9 | 21.24 | 81.6 | 21.37 |
| | 43 | 67.5 | 20.78 | 68.9 | 20.97 | 70.5 | 21.13 | 72.1 | 21.30 | 72.9 | 21.87 | 74.4 | 22.03 | 77.6 | 22.33 | 79.0 | 22.47 |
| | 46 | 65.3 | 21.74 | 66.9 | 21.94 | 68.3 | 22.13 | 69.9 | 22.30 | 70.6 | 22.93 | 72.1 | 23.10 | 75.1 | 23.43 | 76.7 | 23.60 |
| 87.3 (120%) | 10 | 64.7 | 11.27 | 70.5 | 12.17 | 76.1 | 13.06 | 81.6 | 13.96 | 87.0 | 14.62 | 89.0 | 14.59 | 93.2 | 14.52 | 95.2 | 14.49 |
| | 15 | 64.7 | 11.60 | 70.5 | 12.53 | 76.1 | 13.46 | 81.6 | 14.39 | 86.3 | 14.92 | 88.4 | 14.89 | 92.6 | 14.85 | 94.6 | 14.81 |
| | 21 | 64.7 | 12.23 | 70.5 | 13.20 | 76.1 | 14.19 | 81.6 | 15.18 | 85.1 | 15.48 | 87.1 | 15.46 | 91.3 | 15.42 | 93.3 | 15.39 |
| | 23 | 64.7 | 12.49 | 70.5 | 13.49 | 76.1 | 14.49 | 81.6 | 15.52 | 84.6 | 15.72 | 86.7 | 15.71 | 90.7 | 15.66 | 92.6 | 15.67 |
| | 25 | 64.7 | 12.79 | 70.5 | 13.82 | 76.1 | 14.86 | 81.5 | 15.82 | 84.1 | 15.98 | 85.9 | 16.04 | 89.4 | 16.21 | 91.3 | 16.28 |
| | 27 | 64.7 | 13.13 | 70.5 | 14.19 | 76.1 | 15.25 | 80.6 | 16.21 | 82.9 | 16.55 | 84.6 | 16.64 | 88.1 | 16.81 | 89.8 | 16.88 |
| | 30 | 64.7 | 13.70 | 70.5 | 14.82 | 76.1 | 16.48 | 79.0 | 17.08 | 80.9 | 17.44 | 82.6 | 17.54 | 86.1 | 17.71 | 87.8 | 17.81 |
| | 33 | 64.7 | 14.49 | 70.5 | 16.21 | 75.5 | 17.81 | 77.1 | 17.94 | 79.0 | 18.34 | 80.6 | 18.44 | 83.9 | 18.64 | 85.5 | 18.74 |
| | 35 | 64.7 | 15.36 | 70.5 | 17.21 | 74.4 | 18.40 | 76.0 | 18.54 | 77.6 | 18.98 | 79.3 | 19.11 | 82.5 | 19.34 | 84.1 | 19.46 |
| | 37 | 64.7 | 16.32 | 70.5 | 18.38 | 73.1 | 19.04 | 74.7 | 19.18 | 76.1 | 19.67 | 77.7 | 19.80 | 80.9 | 20.04 | 82.5 | 20.17 |
| | 40 | 64.7 | 18.04 | 69.5 | 19.84 | 71.1 | 20.00 | 72.5 | 20.14 | 74.0 | 20.71 | 75.4 | 20.84 | 78.6 | 21.13 | 80.2 | 21.26 |
| | 43 | 64.7 | 19.94 | 67.6 | 20.80 | 69.0 | 20.97 | 70.5 | 21.14 | 71.7 | 21.76 | 73.2 | 21.90 | 76.3 | 22.20 | 77.9 | 22.36 |
| | 46 | 64.0 | 21.58 | 65.6 | 21.77 | 67.0 | 21.96 | 68.5 | 22.13 | 69.5 | 22.80 | 70.9 | 22.97 | 74.0 | 23.30 | 75.4 | 23.47 |
| 80.0 (110%) | 10 | 59.5 | 10.40 | 64.6 | 11.23 | 69.8 | 12.06 | 74.8 | 12.89 | 80.0 | 13.55 | 86.8 | 14.62 | 90.9 | 14.56 | 92.9 | 14.53 |
| | 15 | 59.5 | 10.70 | 64.6 | 11.56 | 69.8 | 12.40 | 74.8 | 13.26 | 80.0 | 13.96 | 86.2 | 14.92 | 90.3 | 14.88 | 92.3 | 14.85 |
| | 21 | 59.5 | 11.27 | 64.6 | 12.17 | 69.8 | 13.09 | 74.8 | 13.99 | 80.0 | 14.75 | 85.1 | 15.48 | 89.0 | 15.45 | 91.0 | 15.42 |
| | 23 | 59.5 | 11.53 | 64.6 | 12.46 | 69.8 | 13.36 | 74.8 | 14.29 | 80.0 | 15.09 | 84.5 | 15.72 | 88.4 | 15.69 | 90.4 | 15.68 |
| | 25 | 59.5 | 11.80 | 64.6 | 12.76 | 69.8 | 13.69 | 74.8 | 14.65 | 80.0 | 15.48 | 84.1 | 15.98 | 87.5 | 16.11 | 89.4 | 16.18 |
| | 27 | 59.5 | 12.10 | 64.6 | 13.09 | 69.8 | 14.06 | 74.8 | 15.03 | 80.0 | 16.05 | 82.9 | 16.54 | 86.2 | 16.71 | 88.0 | 16.81 |
| | 30 | 59.5 | 12.63 | 64.6 | 13.66 | 69.8 | 14.68 | 74.8 | 16.12 | 79.3 | 17.34 | 80.9 | 17.44 | 84.2 | 17.64 | 85.9 | 17.71 |
| | 33 | 59.5 | 13.25 | 64.6 | 14.42 | 69.8 | 15.98 | 74.8 | 17.65 | 77.4 | 18.24 | 79.0 | 18.34 | 82.2 | 18.54 | 83.9 | 18.64 |
| | 35 | 59.5 | 13.72 | 64.6 | 15.29 | 69.8 | 16.98 | 74.1 | 18.37 | 76.1 | 18.87 | 77.7 | 19.00 | 80.9 | 19.23 | 82.5 | 19.34 |
| | 37 | 59.5 | 14.55 | 64.6 | 16.25 | 69.8 | 18.11 | 72.8 | 19.01 | 74.7 | 19.54 | 76.3 | 19.68 | 79.3 | 19.94 | 80.9 | 20.06 |
| | 40 | 59.5 | 15.99 | 64.6 | 17.94 | 69.3 | 19.81 | 70.8 | 19.97 | 72.6 | 20.57 | 74.1 | 20.73 | 77.1 | 21.00 | 78.7 | 21.13 |
| | 43 | 59.5 | 17.65 | 64.6 | 19.82 | 67.3 | 20.78 | 68.9 | 20.94 | 70.4 | 21.61 | 71.9 | 21.77 | 74.8 | 22.07 | 76.4 | 22.23 |
| | 46 | 59.5 | 19.49 | 64.0 | 21.57 | 65.4 | 21.77 | 66.9 | 21.94 | 68.2 | 22.67 | 69.6 | 22.83 | 72.5 | 23.16 | 74.1 | 23.33 |
| 72.8 (100%) | 10 | 54.0 | 9.54 | 58.8 | 10.30 | 63.4 | 11.04 | 68.2 | 11.80 | 72.8 | 12.39 | 79.0 | 13.36 | 88.3 | 14.59 | 90.3 | 14.58 |
| | 15 | 54.0 | 9.81 | 58.8 | 10.59 | 63.4 | 11.36 | 68.2 | 12.13 | 72.8 | 12.76 | 79.0 | 13.78 | 87.7 | 14.89 | 89.7 | 14.88 |
| | 21 | 54.0 | 10.33 | 58.8 | 11.16 | 63.4 | 11.97 | 68.2 | 12.79 | 72.8 | 13.49 | 79.0 | 14.56 | 86.5 | 15.48 | 88.4 | 15.45 |
| | 23 | 54.0 | 10.56 | 58.8 | 11.40 | 63.4 | 12.23 | 68.2 | 13.07 | 72.8 | 13.80 | 79.0 | 14.89 | 86.1 | 15.72 | 87.8 | 15.69 |
| | 25 | 54.0 | 10.80 | 58.8 | 11.67 | 63.4 | 12.53 | 68.2 | 13.39 | 72.8 | 14.15 | 79.0 | 15.28 | 85.4 | 16.01 | 87.1 | 16.08 |
| | 27 | 54.0 | 11.10 | 58.8 | 11.97 | 63.4 | 12.86 | 68.2 | 13.75 | 72.8 | 14.55 | 79.0 | 15.74 | 84.2 | 16.61 | 85.8 | 16.70 |
| | 30 | 54.0 | 11.57 | 58.8 | 12.50 | 63.4 | 13.43 | 68.2 | 14.35 | 72.8 | 15.41 | 79.0 | 17.31 | 82.2 | 17.51 | 83.9 | 17.61 |
| | 33 | 54.0 | 12.13 | 58.8 | 13.10 | 63.4 | 14.09 | 68.2 | 15.48 | 72.8 | 16.92 | 77.1 | 18.24 | 80.3 | 18.44 | 81.9 | 18.53 |
| | 35 | 54.0 | 12.53 | 58.8 | 13.56 | 63.4 | 14.92 | 68.2 | 16.42 | 72.8 | 18.01 | 76.0 | 18.85 | 79.0 | 19.10 | 80.6 | 19.21 |
| | 37 | 54.0 | 12.99 | 58.8 | 14.32 | 63.4 | 15.84 | 68.2 | 17.51 | 72.8 | 19.31 | 74.5 | 19.54 | 77.6 | 19.80 | 79.0 | 19.91 |
| | 40 | 54.0 | 14.09 | 58.8 | 15.75 | 63.4 | 17.48 | 68.2 | 19.34 | 71.0 | 20.43 | 72.5 | 20.57 | 75.4 | 20.84 | 77.0 | 20.97 |
| | 43 | 54.0 | 15.53 | 58.8 | 17.38 | 63.4 | 19.31 | 67.0 | 20.74 | 68.9 | 21.46 | 70.5 | 21.61 | 73.4 | 21.91 | 74.7 | 22.06 |
| | 46 | 54.0 | 17.12 | 58.8 | 19.18 | 63.4 | 21.35 | 65.0 | 21.71 | 66.8 | 22.50 | 68.2 | 22.67 | 71.1 | 23.00 | 72.5 | 23.16 |

MODEL SELECTION

| Cooling capacity at rated condition: 72.8 kW (26HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 65.5 (90%) | 10 | 48.7 | 8.67 | 52.9 | 9.34 | 57.1 | 10.03 | 61.4 | 10.70 | 65.5 | 11.24 | 71.1 | 12.13 | 82.2 | 13.88 | 87.1 | 14.62 |
| | 15 | 48.7 | 8.91 | 52.9 | 9.61 | 57.1 | 10.31 | 61.4 | 11.00 | 65.5 | 11.59 | 71.1 | 12.49 | 82.2 | 14.29 | 86.5 | 14.92 |
| | 21 | 48.7 | 9.40 | 52.9 | 10.13 | 57.1 | 10.87 | 61.4 | 11.60 | 65.5 | 12.23 | 71.1 | 13.19 | 82.2 | 15.12 | 85.5 | 15.48 |
| | 23 | 48.7 | 9.60 | 52.9 | 10.34 | 57.1 | 11.10 | 61.4 | 11.86 | 65.5 | 12.52 | 71.1 | 13.49 | 82.2 | 15.46 | 84.9 | 15.72 |
| | 25 | 48.7 | 9.81 | 52.9 | 10.60 | 57.1 | 11.37 | 61.4 | 12.14 | 65.5 | 12.83 | 71.1 | 13.83 | 82.2 | 15.85 | 84.5 | 15.98 |
| | 27 | 48.7 | 10.07 | 52.9 | 10.87 | 57.1 | 11.67 | 61.4 | 12.46 | 65.5 | 13.19 | 71.1 | 14.22 | 81.6 | 16.48 | 83.2 | 16.57 |
| | 30 | 48.7 | 10.50 | 52.9 | 11.33 | 57.1 | 12.17 | 61.4 | 13.00 | 65.5 | 13.78 | 71.1 | 14.91 | 79.9 | 17.38 | 81.6 | 17.48 |
| | 33 | 48.7 | 11.00 | 52.9 | 11.89 | 57.1 | 12.76 | 61.4 | 13.63 | 65.5 | 14.65 | 71.1 | 16.38 | 78.0 | 18.28 | 79.6 | 18.38 |
| | 35 | 48.7 | 11.37 | 52.9 | 12.29 | 57.1 | 13.20 | 61.4 | 14.28 | 65.5 | 15.58 | 71.1 | 17.41 | 76.8 | 18.94 | 78.3 | 19.04 |
| | 37 | 48.7 | 11.79 | 52.9 | 12.73 | 57.1 | 13.80 | 61.4 | 15.15 | 65.5 | 16.58 | 71.1 | 18.64 | 75.4 | 19.61 | 77.0 | 19.74 |
| | 40 | 48.7 | 12.49 | 52.9 | 13.70 | 57.1 | 15.15 | 61.4 | 16.69 | 65.5 | 18.37 | 70.5 | 20.38 | 73.5 | 20.67 | 75.0 | 20.80 |
| | 43 | 48.7 | 13.56 | 52.9 | 15.09 | 57.1 | 16.72 | 61.4 | 18.42 | 65.5 | 20.34 | 68.6 | 21.43 | 71.5 | 21.73 | 72.8 | 21.87 |
| | 46 | 48.7 | 14.93 | 52.9 | 16.63 | 57.1 | 18.45 | 61.4 | 20.35 | 65.1 | 22.30 | 66.6 | 22.47 | 69.2 | 22.80 | 70.8 | 22.94 |
| 58.2 (80%) | 10 | 43.2 | 7.81 | 47.1 | 8.41 | 50.7 | 9.01 | 54.6 | 9.61 | 58.2 | 10.10 | 63.1 | 10.87 | 73.1 | 12.43 | 78.0 | 13.22 |
| | 15 | 43.2 | 8.04 | 47.1 | 8.64 | 50.7 | 9.27 | 54.6 | 9.90 | 58.2 | 10.40 | 63.1 | 11.20 | 73.1 | 12.80 | 78.0 | 13.62 |
| | 21 | 43.2 | 8.44 | 47.1 | 9.10 | 50.7 | 9.77 | 54.6 | 10.41 | 58.2 | 10.97 | 63.1 | 11.83 | 73.1 | 13.53 | 78.0 | 14.39 |
| | 23 | 43.2 | 8.63 | 47.1 | 9.30 | 50.7 | 9.97 | 54.6 | 10.64 | 58.2 | 11.23 | 63.1 | 12.10 | 73.1 | 13.85 | 78.0 | 14.72 |
| | 25 | 43.2 | 8.84 | 47.1 | 9.51 | 50.7 | 10.20 | 54.6 | 10.90 | 58.2 | 11.50 | 63.1 | 12.40 | 73.1 | 14.19 | 78.0 | 15.09 |
| | 27 | 43.2 | 9.04 | 47.1 | 9.77 | 50.7 | 10.47 | 54.6 | 11.17 | 58.2 | 11.80 | 63.1 | 12.73 | 73.1 | 14.59 | 78.0 | 15.52 |
| | 30 | 43.2 | 9.44 | 47.1 | 10.17 | 50.7 | 10.93 | 54.6 | 11.66 | 58.2 | 12.36 | 63.1 | 13.32 | 73.1 | 15.48 | 78.0 | 17.00 |
| | 33 | 43.2 | 9.87 | 47.1 | 10.66 | 50.7 | 11.44 | 54.6 | 12.23 | 58.2 | 12.96 | 63.1 | 13.99 | 73.1 | 17.01 | 77.0 | 18.21 |
| | 35 | 43.2 | 10.21 | 47.1 | 11.03 | 50.7 | 11.83 | 54.6 | 12.63 | 58.2 | 13.42 | 63.1 | 14.82 | 73.1 | 18.11 | 75.8 | 18.84 |
| | 37 | 43.2 | 10.57 | 47.1 | 11.43 | 50.7 | 12.26 | 54.6 | 13.10 | 58.2 | 14.16 | 63.1 | 15.75 | 73.1 | 19.40 | 74.5 | 19.54 |
| | 40 | 43.2 | 11.20 | 47.1 | 12.10 | 50.7 | 13.00 | 54.6 | 14.26 | 58.2 | 15.59 | 63.1 | 17.45 | 71.2 | 20.44 | 72.5 | 20.57 |
| | 43 | 43.2 | 11.99 | 47.1 | 13.00 | 50.7 | 14.32 | 54.6 | 15.72 | 58.2 | 17.25 | 63.1 | 19.31 | 69.2 | 21.50 | 70.5 | 21.63 |
| | 46 | 43.2 | 12.89 | 47.1 | 14.29 | 50.7 | 15.76 | 54.6 | 17.32 | 58.2 | 19.08 | 63.1 | 21.38 | 67.2 | 22.54 | 68.6 | 22.70 |
| 50.9 (70%) | 10 | 37.7 | 6.95 | 41.0 | 7.48 | 44.5 | 8.01 | 47.7 | 8.53 | 50.9 | 8.94 | 55.3 | 9.63 | 64.0 | 11.00 | 68.2 | 11.67 |
| | 15 | 37.7 | 7.14 | 41.0 | 7.68 | 44.5 | 8.21 | 47.7 | 8.77 | 50.9 | 9.21 | 55.3 | 9.91 | 64.0 | 11.33 | 68.2 | 12.03 |
| | 21 | 37.7 | 7.51 | 41.0 | 8.08 | 44.5 | 8.64 | 47.7 | 9.23 | 50.9 | 9.71 | 55.3 | 10.47 | 64.0 | 11.96 | 68.2 | 12.70 |
| | 23 | 37.7 | 7.65 | 41.0 | 8.24 | 44.5 | 8.84 | 47.7 | 9.43 | 50.9 | 9.93 | 55.3 | 10.70 | 64.0 | 12.23 | 68.2 | 12.99 |
| | 25 | 37.7 | 7.84 | 41.0 | 8.44 | 44.5 | 9.04 | 47.7 | 9.64 | 50.9 | 10.17 | 55.3 | 10.97 | 64.0 | 12.53 | 68.2 | 13.32 |
| | 27 | 37.7 | 8.04 | 41.0 | 8.65 | 44.5 | 9.27 | 47.7 | 9.90 | 50.9 | 10.44 | 55.3 | 11.26 | 64.0 | 12.89 | 68.2 | 13.69 |
| | 30 | 37.7 | 8.37 | 41.0 | 9.01 | 44.5 | 9.67 | 47.7 | 10.31 | 50.9 | 10.91 | 55.3 | 11.76 | 64.0 | 13.46 | 68.2 | 14.32 |
| | 33 | 37.7 | 8.77 | 41.0 | 9.44 | 44.5 | 10.13 | 47.7 | 10.80 | 50.9 | 11.46 | 55.3 | 12.36 | 64.0 | 14.16 | 68.2 | 15.48 |
| | 35 | 37.7 | 9.04 | 41.0 | 9.77 | 44.5 | 10.47 | 47.7 | 11.17 | 50.9 | 11.86 | 55.3 | 12.79 | 64.0 | 15.05 | 68.2 | 16.45 |
| | 37 | 37.7 | 9.37 | 41.0 | 10.10 | 44.5 | 10.84 | 47.7 | 11.57 | 50.9 | 12.30 | 55.3 | 13.26 | 64.0 | 16.02 | 68.2 | 17.57 |
| | 40 | 37.7 | 9.91 | 41.0 | 10.70 | 44.5 | 11.49 | 47.7 | 12.26 | 50.9 | 13.09 | 55.3 | 14.55 | 64.0 | 17.72 | 68.2 | 19.47 |
| | 43 | 37.7 | 10.60 | 41.0 | 11.44 | 44.5 | 12.29 | 47.7 | 13.23 | 50.9 | 14.45 | 55.3 | 16.08 | 64.0 | 19.62 | 67.9 | 21.34 |
| | 46 | 37.7 | 11.40 | 41.0 | 12.30 | 44.5 | 13.33 | 47.7 | 14.56 | 50.9 | 15.95 | 55.3 | 17.75 | 64.0 | 21.74 | 66.0 | 22.40 |
| 43.6 (60%) | 10 | 32.5 | 6.08 | 35.1 | 6.54 | 38.0 | 6.98 | 40.9 | 7.44 | 43.6 | 7.81 | 47.4 | 8.38 | 54.9 | 9.54 | 58.5 | 10.14 |
| | 15 | 32.5 | 6.25 | 35.1 | 6.71 | 38.0 | 7.18 | 40.9 | 7.64 | 43.6 | 8.01 | 47.4 | 8.63 | 54.9 | 9.84 | 58.5 | 10.44 |
| | 21 | 32.5 | 6.55 | 35.1 | 7.05 | 38.0 | 7.54 | 40.9 | 8.04 | 43.6 | 8.45 | 47.4 | 9.10 | 54.9 | 10.37 | 58.5 | 11.01 |
| | 23 | 32.5 | 6.69 | 35.1 | 7.21 | 38.0 | 7.71 | 40.9 | 8.21 | 43.6 | 8.64 | 47.4 | 9.30 | 54.9 | 10.60 | 58.5 | 11.27 |
| | 25 | 32.5 | 6.85 | 35.1 | 7.37 | 38.0 | 7.88 | 40.9 | 8.40 | 43.6 | 8.84 | 47.4 | 9.53 | 54.9 | 10.87 | 58.5 | 11.54 |
| | 27 | 32.5 | 7.01 | 35.1 | 7.55 | 38.0 | 8.08 | 40.9 | 8.61 | 43.6 | 9.08 | 47.4 | 9.77 | 54.9 | 11.17 | 58.5 | 11.86 |
| | 30 | 32.5 | 7.31 | 35.1 | 7.85 | 38.0 | 8.41 | 40.9 | 8.97 | 43.6 | 9.48 | 47.4 | 10.21 | 54.9 | 11.66 | 58.5 | 12.39 |
| | 33 | 32.5 | 7.64 | 35.1 | 8.21 | 38.0 | 8.81 | 40.9 | 9.40 | 43.6 | 9.94 | 47.4 | 10.70 | 54.9 | 12.24 | 58.5 | 13.02 |
| | 35 | 32.5 | 7.88 | 35.1 | 8.50 | 38.0 | 9.10 | 40.9 | 9.71 | 43.6 | 10.30 | 47.4 | 11.09 | 54.9 | 12.69 | 58.5 | 13.46 |
| | 37 | 32.5 | 8.15 | 35.1 | 8.78 | 38.0 | 9.41 | 40.9 | 10.04 | 43.6 | 10.67 | 47.4 | 11.50 | 54.9 | 13.16 | 58.5 | 14.23 |
| | 40 | 32.5 | 8.64 | 35.1 | 9.30 | 38.0 | 9.97 | 40.9 | 10.64 | 43.6 | 11.33 | 47.4 | 12.20 | 54.9 | 14.39 | 58.5 | 15.69 |
| | 43 | 32.5 | 9.21 | 35.1 | 9.94 | 38.0 | 10.67 | 40.9 | 11.39 | 43.6 | 12.13 | 47.4 | 13.16 | 54.9 | 15.89 | 58.5 | 17.35 |
| | 46 | 32.5 | 9.90 | 35.1 | 10.67 | 38.0 | 11.46 | 40.9 | 12.23 | 43.6 | 13.10 | 47.4 | 14.52 | 54.9 | 17.55 | 58.5 | 19.18 |
| 36.4 (50%) | 10 | 27.0 | 5.22 | 29.3 | 5.59 | 31.8 | 5.98 | 34.1 | 6.35 | 36.4 | 6.65 | 39.4 | 7.14 | 45.6 | 8.11 | 48.7 | 8.60 |
| | 15 | 27.0 | 5.35 | 29.3 | 5.75 | 31.8 | 6.12 | 34.1 | 6.52 | 36.4 | 6.84 | 39.4 | 7.34 | 45.6 | 8.34 | 48.7 | 8.84 |
| | 21 | 27.0 | 5.62 | 29.3 | 6.02 | 31.8 | 6.44 | 34.1 | 6.85 | 36.4 | 7.19 | 39.4 | 7.74 | 45.6 | 8.80 | 48.7 | 9.34 |
| | 23 | 27.0 | 5.72 | 29.3 | 6.15 | 31.8 | 6.58 | 34.1 | 6.98 | 36.4 | 7.35 | 39.4 | 7.91 | 45.6 | 9.00 | 48.7 | 9.54 |
| | 25 | 27.0 | 5.85 | 29.3 | 6.28 | 31.8 | 6.72 | 34.1 | 7.15 | 36.4 | 7.52 | 39.4 | 8.08 | 45.6 | 9.21 | 48.7 | 9.77 |
| | 27 | 27.0 | 5.99 | 29.3 | 6.44 | 31.8 | 6.88 | 34.1 | 7.32 | 36.4 | 7.71 | 39.4 | 8.30 | 45.6 | 9.47 | 48.7 | 10.04 |
| | 30 | 27.0 | 6.24 | 29.3 | 6.71 | 31.8 | 7.17 | 34.1 | 7.62 | 36.4 | 8.05 | 39.4 | 8.67 | 45.6 | 9.87 | 48.7 | 10.47 |
| | 33 | 27.0 | 6.51 | 29.3 | 7.01 | 31.8 | 7.48 | 34.1 | 7.98 | 36.4 | 8.44 | 39.4 | 9.07 | 45.6 | 10.36 | 48.7 | 11.00 |
| | 35 | 27.0 | 6.72 | 29.3 | 7.22 | 31.8 | 7.74 | 34.1 | 8.24 | 36.4 | 8.73 | 39.4 | 9.40 | 45.6 | 10.71 | 48.7 | 11.37 |
| | 37 | 27.0 | 6.95 | 29.3 | 7.48 | 31.8 | 8.01 | 34.1 | 8.54 | 36.4 | 9.04 | 39.4 | 9.73 | 45.6 | 11.10 | 48.7 | 11.80 |
| | 40 | 27.0 | 7.34 | 29.3 | 7.91 | 31.8 | 8.47 | 34.1 | 9.01 | 36.4 | 9.58 | 39.4 | 10.33 | 45.6 | 11.79 | 48.7 | 12.53 |
| | 43 | 27.0 | 7.84 | 29.3 | 8.44 | 31.8 | 9.04 | 34.1 | 9.64 | 36.4 | 10.27 | 39.4 | 11.06 | 45.6 | 12.63 | 48.7 | 13.65 |
| | 46 | 27.0 | 8.40 | 29.3 | 9.04 | 31.8 | 9.70 | 34.1 | 10.34 | 36.4 | 11.03 | 39.4 | 11.90 | 45.6 | 13.86 | 48.7 | 15.05 |

# ■ Model: AJ∗252GALDHH

| Cooling capacity at rated condition: 78.4 kW (28HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 117.6 (150%) | 10 | 87.3 | 15.12 | 92.7 | 15.84 | 94.9 | 15.84 | 97.2 | 15.84 | 99.2 | 15.87 | 101.6 | 15.84 | 106.4 | 15.73 | 108.9 | 15.67 |
| | 15 | 87.3 | 15.56 | 92.1 | 16.17 | 94.3 | 16.17 | 96.6 | 16.17 | 98.4 | 16.20 | 100.8 | 16.17 | 105.6 | 16.09 | 108.0 | 16.03 |
| | 21 | 87.3 | 16.42 | 90.7 | 16.75 | 93.0 | 16.75 | 95.2 | 16.77 | 97.0 | 16.86 | 99.4 | 16.81 | 103.9 | 16.72 | 106.4 | 16.69 |
| | 23 | 87.3 | 16.80 | 90.2 | 17.00 | 92.4 | 17.02 | 94.7 | 17.02 | 96.4 | 17.11 | 98.6 | 17.08 | 102.8 | 17.22 | 105.0 | 17.28 |
| | 25 | 87.3 | 17.21 | 89.6 | 17.27 | 91.8 | 17.30 | 93.8 | 17.42 | 95.2 | 17.63 | 97.2 | 17.72 | 101.3 | 17.88 | 103.3 | 17.96 |
| | 27 | 86.5 | 17.69 | 88.5 | 17.80 | 90.4 | 17.94 | 92.4 | 18.05 | 93.7 | 18.29 | 95.7 | 18.38 | 99.7 | 18.55 | 101.6 | 18.63 |
| | 30 | 84.6 | 18.62 | 86.5 | 18.76 | 88.5 | 18.88 | 90.4 | 19.01 | 91.4 | 19.29 | 93.3 | 19.37 | 97.2 | 19.56 | 99.1 | 19.65 |
| | 33 | 82.6 | 19.56 | 84.5 | 19.70 | 86.3 | 19.84 | 88.2 | 19.97 | 89.1 | 20.28 | 91.0 | 20.39 | 94.6 | 20.61 | 96.6 | 20.72 |
| | 35 | 81.2 | 20.19 | 83.1 | 20.36 | 84.8 | 20.52 | 86.8 | 20.66 | 87.4 | 21.02 | 89.3 | 21.16 | 92.9 | 21.41 | 94.7 | 21.54 |
| | 37 | 79.8 | 20.88 | 81.5 | 21.05 | 83.4 | 21.24 | 85.1 | 21.38 | 85.7 | 21.79 | 87.6 | 21.93 | 91.0 | 22.21 | 92.9 | 22.34 |
| | 40 | 77.5 | 21.95 | 79.2 | 22.12 | 80.9 | 22.31 | 82.6 | 22.48 | 83.1 | 22.95 | 84.9 | 23.11 | 88.5 | 23.42 | 90.2 | 23.56 |
| | 43 | 75.1 | 23.00 | 76.8 | 23.20 | 78.4 | 23.39 | 80.3 | 23.58 | 80.6 | 24.13 | 82.3 | 24.30 | 85.7 | 24.63 | 87.4 | 24.79 |
| | 46 | 72.8 | 24.08 | 74.5 | 24.29 | 76.1 | 24.49 | 77.8 | 24.69 | 78.0 | 25.29 | 79.6 | 25.48 | 82.9 | 25.84 | 84.6 | 26.03 |
| 109.7 (140%) | 10 | 81.5 | 14.16 | 88.5 | 15.32 | 93.0 | 15.84 | 95.2 | 15.84 | 97.5 | 15.89 | 99.9 | 15.86 | 104.5 | 15.78 | 107.0 | 15.73 |
| | 15 | 81.5 | 14.59 | 88.5 | 15.78 | 92.4 | 16.17 | 94.6 | 16.17 | 96.8 | 16.23 | 99.1 | 16.20 | 103.8 | 16.12 | 106.1 | 16.06 |
| | 21 | 81.5 | 15.39 | 88.5 | 16.64 | 91.0 | 16.75 | 93.2 | 16.77 | 95.4 | 16.86 | 97.7 | 16.83 | 102.2 | 16.77 | 104.7 | 16.72 |
| | 23 | 81.5 | 15.73 | 88.5 | 16.99 | 90.5 | 17.00 | 92.7 | 17.02 | 94.8 | 17.13 | 97.1 | 17.11 | 101.4 | 17.16 | 103.3 | 17.23 |
| | 25 | 81.5 | 16.12 | 87.9 | 17.27 | 89.9 | 17.27 | 92.1 | 17.33 | 93.8 | 17.56 | 95.8 | 17.66 | 99.7 | 17.83 | 101.9 | 17.91 |
| | 27 | 81.5 | 16.55 | 86.8 | 17.71 | 88.8 | 17.83 | 90.7 | 17.96 | 92.4 | 18.22 | 94.3 | 18.32 | 98.3 | 18.49 | 100.2 | 18.57 |
| | 30 | 81.5 | 17.83 | 85.1 | 18.65 | 86.8 | 18.77 | 88.8 | 18.90 | 90.1 | 19.21 | 92.1 | 19.31 | 95.8 | 19.51 | 97.7 | 19.59 |
| | 33 | 81.2 | 19.43 | 83.1 | 19.59 | 84.8 | 19.73 | 86.8 | 19.86 | 87.9 | 20.22 | 89.6 | 20.31 | 93.5 | 20.55 | 95.2 | 20.66 |
| | 35 | 79.8 | 20.08 | 81.7 | 20.22 | 83.4 | 20.39 | 85.2 | 20.55 | 86.3 | 20.94 | 88.2 | 21.08 | 91.6 | 21.33 | 93.5 | 21.46 |
| | 37 | 78.4 | 20.77 | 80.1 | 20.94 | 82.0 | 21.10 | 83.7 | 21.27 | 84.6 | 21.71 | 86.5 | 21.85 | 89.9 | 22.12 | 91.8 | 22.26 |
| | 40 | 76.2 | 21.82 | 77.9 | 21.99 | 79.6 | 22.18 | 81.4 | 22.34 | 82.1 | 22.86 | 83.8 | 23.01 | 87.4 | 23.31 | 89.1 | 23.47 |
| | 43 | 73.9 | 22.87 | 75.6 | 23.06 | 77.3 | 23.25 | 79.0 | 23.44 | 79.6 | 24.02 | 81.2 | 24.19 | 84.6 | 24.52 | 86.5 | 24.69 |
| | 46 | 71.7 | 23.94 | 73.3 | 24.13 | 74.8 | 24.35 | 76.5 | 24.55 | 77.0 | 25.20 | 78.7 | 25.37 | 82.0 | 25.75 | 83.7 | 25.92 |
| 101.9 (130%) | 10 | 75.6 | 13.22 | 82.3 | 14.29 | 88.8 | 15.37 | 92.9 | 15.84 | 95.7 | 15.92 | 98.0 | 15.89 | 102.5 | 15.81 | 105.0 | 15.76 |
| | 15 | 75.6 | 13.61 | 82.3 | 14.71 | 88.8 | 15.81 | 92.4 | 16.17 | 95.0 | 16.25 | 97.2 | 16.23 | 101.9 | 16.17 | 104.1 | 16.11 |
| | 21 | 75.6 | 14.35 | 82.3 | 15.51 | 88.8 | 16.69 | 91.0 | 16.75 | 93.7 | 16.88 | 95.8 | 16.86 | 100.3 | 16.80 | 102.7 | 16.75 |
| | 23 | 75.6 | 14.68 | 82.3 | 15.87 | 88.5 | 16.99 | 90.7 | 17.00 | 93.1 | 17.14 | 95.2 | 17.13 | 99.7 | 17.09 | 101.6 | 17.17 |
| | 25 | 75.6 | 15.04 | 82.3 | 16.25 | 87.9 | 17.27 | 90.1 | 17.27 | 92.3 | 17.49 | 94.3 | 17.58 | 98.2 | 17.77 | 100.2 | 17.85 |
| | 27 | 75.6 | 15.43 | 82.3 | 16.69 | 87.1 | 17.71 | 89.0 | 17.83 | 90.9 | 18.15 | 92.9 | 18.24 | 96.6 | 18.43 | 98.6 | 18.52 |
| | 30 | 75.6 | 16.12 | 82.3 | 18.07 | 85.1 | 18.65 | 87.0 | 18.79 | 88.7 | 19.15 | 90.7 | 19.23 | 94.4 | 19.43 | 96.3 | 19.53 |
| | 33 | 75.6 | 17.61 | 81.5 | 19.45 | 83.2 | 19.59 | 85.1 | 19.73 | 86.6 | 20.14 | 88.4 | 20.25 | 92.1 | 20.45 | 93.8 | 20.58 |
| | 35 | 75.6 | 18.70 | 80.1 | 20.09 | 81.8 | 20.25 | 83.7 | 20.41 | 85.0 | 20.85 | 86.8 | 20.99 | 90.4 | 21.24 | 92.1 | 21.35 |
| | 37 | 75.6 | 19.97 | 78.7 | 20.80 | 80.4 | 20.96 | 82.1 | 21.13 | 83.4 | 21.60 | 85.1 | 21.76 | 88.7 | 22.02 | 90.4 | 22.15 |
| | 40 | 74.8 | 21.66 | 76.5 | 21.84 | 78.1 | 22.01 | 79.8 | 22.20 | 80.9 | 22.75 | 82.6 | 22.92 | 86.0 | 23.22 | 87.9 | 23.36 |
| | 43 | 72.6 | 22.72 | 74.2 | 22.92 | 75.9 | 23.09 | 77.6 | 23.28 | 78.5 | 23.91 | 80.1 | 24.08 | 83.5 | 24.41 | 85.1 | 24.57 |
| | 46 | 70.3 | 23.77 | 72.0 | 23.99 | 73.6 | 24.19 | 75.3 | 24.38 | 76.0 | 25.07 | 77.6 | 25.26 | 80.9 | 25.62 | 82.6 | 25.81 |
| 94.0 (120%) | 10 | 69.7 | 12.28 | 75.9 | 13.27 | 82.0 | 14.24 | 87.9 | 15.23 | 93.7 | 15.95 | 95.8 | 15.92 | 100.3 | 15.84 | 102.5 | 15.81 |
| | 15 | 69.7 | 12.64 | 75.9 | 13.66 | 82.0 | 14.68 | 87.9 | 15.70 | 93.0 | 16.28 | 95.2 | 16.25 | 99.7 | 16.20 | 101.9 | 16.15 |
| | 21 | 69.7 | 13.33 | 75.9 | 14.40 | 82.0 | 15.48 | 87.9 | 16.56 | 91.7 | 16.89 | 93.8 | 16.88 | 98.3 | 16.83 | 100.5 | 16.80 |
| | 23 | 69.7 | 13.61 | 75.9 | 14.71 | 82.0 | 15.81 | 87.9 | 16.94 | 91.2 | 17.16 | 93.3 | 17.14 | 97.7 | 17.10 | 99.7 | 17.09 |
| | 25 | 69.7 | 13.94 | 75.9 | 15.07 | 82.0 | 16.22 | 87.7 | 17.27 | 90.5 | 17.44 | 92.6 | 17.50 | 96.3 | 17.69 | 98.3 | 17.77 |
| | 27 | 69.7 | 14.32 | 75.9 | 15.48 | 82.0 | 16.64 | 86.8 | 17.69 | 89.3 | 18.07 | 91.2 | 18.16 | 94.9 | 18.35 | 96.8 | 18.43 |
| | 30 | 69.7 | 14.95 | 75.9 | 16.17 | 82.0 | 17.99 | 85.1 | 18.65 | 87.2 | 19.04 | 89.0 | 19.15 | 92.7 | 19.34 | 94.6 | 19.45 |
| | 33 | 69.7 | 15.81 | 75.9 | 17.69 | 81.4 | 19.45 | 83.1 | 19.59 | 85.1 | 20.03 | 86.8 | 20.14 | 90.4 | 20.36 | 92.1 | 20.47 |
| | 35 | 69.7 | 16.77 | 75.9 | 18.79 | 80.1 | 20.09 | 81.8 | 20.25 | 83.6 | 20.74 | 85.4 | 20.88 | 88.8 | 21.13 | 90.5 | 21.25 |
| | 37 | 69.7 | 17.82 | 75.9 | 20.08 | 78.7 | 20.80 | 80.4 | 20.96 | 82.0 | 21.49 | 83.7 | 21.63 | 87.1 | 21.90 | 88.8 | 22.04 |
| | 40 | 69.7 | 19.70 | 74.8 | 21.68 | 76.5 | 21.85 | 78.1 | 22.01 | 79.6 | 22.64 | 81.2 | 22.78 | 84.6 | 23.09 | 86.3 | 23.23 |
| | 43 | 69.7 | 21.79 | 72.8 | 22.73 | 74.4 | 22.92 | 75.9 | 23.11 | 77.2 | 23.78 | 78.9 | 23.94 | 82.1 | 24.27 | 83.8 | 24.44 |
| | 46 | 68.9 | 23.60 | 70.6 | 23.80 | 72.2 | 24.00 | 73.7 | 24.19 | 74.8 | 24.93 | 76.4 | 25.12 | 79.6 | 25.48 | 81.2 | 25.67 |
| 86.2 (110%) | 10 | 64.1 | 11.32 | 69.5 | 12.23 | 75.1 | 13.14 | 80.6 | 14.05 | 86.2 | 14.77 | 93.5 | 15.95 | 97.8 | 15.89 | 100.0 | 15.86 |
| | 15 | 64.1 | 11.65 | 69.5 | 12.59 | 75.1 | 13.52 | 80.6 | 14.46 | 86.2 | 15.23 | 92.9 | 16.28 | 97.2 | 16.23 | 99.4 | 16.20 |
| | 21 | 64.1 | 12.28 | 69.5 | 13.27 | 75.1 | 14.27 | 80.6 | 15.26 | 86.2 | 16.09 | 91.6 | 16.89 | 95.8 | 16.86 | 98.0 | 16.83 |
| | 23 | 64.1 | 12.56 | 69.5 | 13.58 | 75.1 | 14.57 | 80.6 | 15.59 | 86.2 | 16.47 | 91.0 | 17.16 | 95.2 | 17.13 | 97.4 | 17.11 |
| | 25 | 64.1 | 12.86 | 69.5 | 13.91 | 75.1 | 14.93 | 80.6 | 15.98 | 86.2 | 16.89 | 90.5 | 17.44 | 94.3 | 17.58 | 96.3 | 17.66 |
| | 27 | 64.1 | 13.19 | 69.5 | 14.27 | 75.1 | 15.34 | 80.6 | 16.41 | 86.2 | 17.52 | 89.3 | 18.05 | 92.9 | 18.24 | 94.7 | 18.35 |
| | 30 | 64.1 | 13.77 | 69.5 | 14.90 | 75.1 | 16.01 | 80.6 | 17.60 | 85.4 | 18.93 | 87.1 | 19.04 | 90.7 | 19.26 | 92.6 | 19.34 |
| | 33 | 64.1 | 14.44 | 69.5 | 15.73 | 75.1 | 17.44 | 80.6 | 19.28 | 83.4 | 19.92 | 85.1 | 20.03 | 88.5 | 20.25 | 90.4 | 20.36 |
| | 35 | 64.1 | 14.96 | 69.5 | 16.69 | 75.1 | 18.54 | 79.8 | 20.06 | 81.9 | 20.61 | 83.7 | 20.75 | 87.1 | 21.00 | 88.8 | 21.13 |
| | 37 | 64.1 | 15.87 | 69.5 | 17.74 | 75.1 | 19.78 | 78.4 | 20.77 | 80.4 | 21.35 | 82.1 | 21.51 | 85.4 | 21.79 | 87.1 | 21.91 |
| | 40 | 64.1 | 17.46 | 69.5 | 19.59 | 74.7 | 21.65 | 76.2 | 21.82 | 78.1 | 22.48 | 79.8 | 22.65 | 83.1 | 22.95 | 84.8 | 23.09 |
| | 43 | 64.1 | 19.28 | 69.5 | 21.67 | 72.5 | 22.72 | 74.2 | 22.89 | 75.8 | 23.63 | 77.5 | 23.80 | 80.6 | 24.13 | 82.3 | 24.30 |
| | 46 | 64.1 | 21.31 | 68.9 | 23.58 | 70.5 | 23.80 | 72.0 | 23.99 | 73.5 | 24.79 | 75.0 | 24.96 | 78.1 | 25.32 | 79.8 | 25.51 |
| 78.4 (100%) | 10 | 58.2 | 10.38 | 63.3 | 11.21 | 68.3 | 12.03 | 73.4 | 12.86 | 78.4 | 13.50 | 85.1 | 14.57 | 95.0 | 15.92 | 97.2 | 15.90 |
| | 15 | 58.2 | 10.68 | 63.3 | 11.52 | 68.3 | 12.37 | 73.4 | 13.22 | 78.4 | 13.91 | 85.1 | 15.02 | 94.4 | 16.25 | 96.6 | 16.23 |
| | 21 | 58.2 | 11.24 | 63.3 | 12.15 | 68.3 | 13.05 | 73.4 | 13.94 | 78.4 | 14.71 | 85.1 | 15.89 | 93.2 | 16.89 | 95.2 | 16.86 |
| | 23 | 58.2 | 11.49 | 63.3 | 12.42 | 68.3 | 13.33 | 73.4 | 14.26 | 78.4 | 15.06 | 85.1 | 16.25 | 92.7 | 17.16 | 94.6 | 17.13 |
| | 25 | 58.2 | 11.76 | 63.3 | 12.72 | 68.3 | 13.66 | 73.4 | 14.60 | 78.4 | 15.43 | 85.1 | 16.67 | 91.9 | 17.47 | 93.8 | 17.55 |
| | 27 | 58.2 | 12.09 | 63.3 | 13.05 | 68.3 | 14.02 | 73.4 | 14.99 | 78.4 | 15.87 | 85.1 | 17.17 | 90.7 | 18.13 | 92.4 | 18.22 |
| | 30 | 58.2 | 12.61 | 63.3 | 13.63 | 68.3 | 14.65 | 73.4 | 15.65 | 78.4 | 16.81 | 85.1 | 18.90 | 88.5 | 19.12 | 90.4 | 19.23 |
| | 33 | 58.2 | 13.22 | 63.3 | 14.29 | 68.3 | 15.37 | 73.4 | 16.89 | 78.4 | 18.48 | 83.1 | 19.92 | 86.5 | 20.14 | 88.2 | 20.23 |
| | 35 | 58.2 | 13.66 | 63.3 | 14.79 | 68.3 | 16.28 | 73.4 | 17.93 | 78.4 | 19.67 | 81.8 | 20.60 | 85.1 | 20.86 | 86.8 | 20.99 |
| | 37 | 58.2 | 14.16 | 63.3 | 15.62 | 68.3 | 17.28 | 73.4 | 19.12 | 78.4 | 21.10 | 80.3 | 21.35 | 83.5 | 21.63 | 85.1 | 21.76 |
| | 40 | 58.2 | 15.37 | 63.3 | 17.19 | 68.3 | 19.09 | 73.4 | 21.13 | 76.4 | 22.32 | 78.1 | 22.48 | 81.2 | 22.78 | 82.9 | 22.92 |
| | 43 | 58.2 | 16.96 | 63.3 | 18.98 | 68.3 | 21.10 | 72.2 | 22.67 | 74.2 | 23.45 | 75.9 | 23.63 | 79.0 | 23.96 | 80.4 | 24.11 |
| | 46 | 58.2 | 18.70 | 63.3 | 20.96 | 68.3 | 23.35 | 70.0 | 23.74 | 71.9 | 24.60 | 73.4 | 24.79 | 76.5 | 25.15 | 78.1 | 25.32 |

MODEL SELECTION

| Cooling capacity at rated condition: 78.4 kW (28HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 70.6 (90%) | 10 | 52.4 | 9.42 | 56.9 | 10.16 | 61.4 | 10.91 | 66.1 | 11.65 | 70.6 | 12.25 | 76.5 | 13.22 | 88.5 | 15.13 | 93.8 | 15.95 |
| | 15 | 52.4 | 9.69 | 56.9 | 10.46 | 61.4 | 11.23 | 66.1 | 11.98 | 70.6 | 12.62 | 76.5 | 13.61 | 88.5 | 15.59 | 93.2 | 16.28 |
| | 21 | 52.4 | 10.22 | 56.9 | 11.02 | 61.4 | 11.84 | 66.1 | 12.64 | 70.6 | 13.33 | 76.5 | 14.38 | 88.5 | 16.50 | 92.1 | 16.89 |
| | 23 | 52.4 | 10.44 | 56.9 | 11.26 | 61.4 | 12.09 | 66.1 | 12.92 | 70.6 | 13.64 | 76.5 | 14.71 | 88.5 | 16.88 | 91.5 | 17.16 |
| | 25 | 52.4 | 10.68 | 56.9 | 11.54 | 61.4 | 12.39 | 66.1 | 13.24 | 70.6 | 13.99 | 76.5 | 15.09 | 88.5 | 17.30 | 91.0 | 17.44 |
| | 27 | 52.4 | 10.96 | 56.9 | 11.84 | 61.4 | 12.72 | 66.1 | 13.58 | 70.6 | 14.38 | 76.5 | 15.51 | 87.9 | 17.99 | 89.6 | 18.08 |
| | 30 | 52.4 | 11.43 | 56.9 | 12.34 | 61.4 | 13.27 | 66.1 | 14.18 | 70.6 | 15.02 | 76.5 | 16.26 | 86.0 | 18.98 | 87.9 | 19.09 |
| | 33 | 52.4 | 11.98 | 56.9 | 12.95 | 61.4 | 13.91 | 66.1 | 14.87 | 70.6 | 15.98 | 76.5 | 17.88 | 84.0 | 19.97 | 85.7 | 20.08 |
| | 35 | 52.4 | 12.39 | 56.9 | 13.39 | 61.4 | 14.40 | 66.1 | 15.57 | 70.6 | 17.00 | 76.5 | 19.01 | 82.8 | 20.69 | 84.3 | 20.80 |
| | 37 | 52.4 | 12.84 | 56.9 | 13.88 | 61.4 | 15.06 | 66.1 | 16.53 | 70.6 | 18.10 | 76.5 | 20.36 | 81.2 | 21.43 | 82.9 | 21.57 |
| | 40 | 52.4 | 13.61 | 56.9 | 14.95 | 61.4 | 16.53 | 66.1 | 18.23 | 70.6 | 20.06 | 75.9 | 22.28 | 79.2 | 22.59 | 80.7 | 22.73 |
| | 43 | 52.4 | 14.79 | 56.9 | 16.47 | 61.4 | 18.26 | 66.1 | 20.13 | 70.6 | 22.23 | 73.9 | 23.42 | 77.0 | 23.75 | 78.4 | 23.91 |
| | 46 | 52.4 | 16.30 | 56.9 | 18.17 | 61.4 | 20.16 | 66.1 | 22.25 | 70.1 | 24.38 | 71.7 | 24.57 | 74.5 | 24.93 | 76.2 | 25.09 |
| 62.7 (80%) | 10 | 46.5 | 8.48 | 50.7 | 9.14 | 54.6 | 9.80 | 58.8 | 10.46 | 62.7 | 10.99 | 68.0 | 11.84 | 78.7 | 13.55 | 84.0 | 14.41 |
| | 15 | 46.5 | 8.73 | 50.7 | 9.39 | 54.6 | 10.08 | 58.8 | 10.77 | 62.7 | 11.32 | 68.0 | 12.20 | 78.7 | 13.96 | 84.0 | 14.85 |
| | 21 | 46.5 | 9.17 | 50.7 | 9.89 | 54.6 | 10.63 | 58.8 | 11.34 | 62.7 | 11.95 | 68.0 | 12.89 | 78.7 | 14.76 | 84.0 | 15.70 |
| | 23 | 46.5 | 9.37 | 50.7 | 10.11 | 54.6 | 10.85 | 58.8 | 11.59 | 62.7 | 12.23 | 68.0 | 13.19 | 78.7 | 15.10 | 84.0 | 16.06 |
| | 25 | 46.5 | 9.61 | 50.7 | 10.35 | 54.6 | 11.10 | 58.8 | 11.87 | 62.7 | 12.53 | 68.0 | 13.52 | 78.7 | 15.48 | 84.0 | 16.47 |
| | 27 | 46.5 | 9.83 | 50.7 | 10.63 | 54.6 | 11.40 | 58.8 | 12.17 | 62.7 | 12.86 | 68.0 | 13.88 | 78.7 | 15.92 | 84.0 | 16.94 |
| | 30 | 46.5 | 10.27 | 50.7 | 11.07 | 54.6 | 11.90 | 58.8 | 12.70 | 62.7 | 13.47 | 68.0 | 14.52 | 78.7 | 16.89 | 84.0 | 18.55 |
| | 33 | 46.5 | 10.74 | 50.7 | 11.60 | 54.6 | 12.47 | 58.8 | 13.33 | 62.7 | 14.13 | 68.0 | 15.26 | 78.7 | 18.57 | 82.9 | 19.89 |
| | 35 | 46.5 | 11.12 | 50.7 | 12.01 | 54.6 | 12.89 | 58.8 | 13.77 | 62.7 | 14.63 | 68.0 | 16.17 | 78.7 | 19.78 | 81.7 | 20.58 |
| | 37 | 46.5 | 11.51 | 50.7 | 12.45 | 54.6 | 13.36 | 58.8 | 14.29 | 62.7 | 15.45 | 68.0 | 17.19 | 78.7 | 21.19 | 80.3 | 21.35 |
| | 40 | 46.5 | 12.20 | 50.7 | 13.19 | 54.6 | 14.18 | 58.8 | 15.56 | 62.7 | 17.02 | 68.0 | 19.06 | 76.7 | 22.34 | 78.1 | 22.48 |
| | 43 | 46.5 | 13.06 | 50.7 | 14.18 | 54.6 | 15.62 | 58.8 | 17.16 | 62.7 | 18.84 | 68.0 | 21.10 | 74.5 | 23.50 | 75.9 | 23.64 |
| | 46 | 46.5 | 14.05 | 50.7 | 15.59 | 54.6 | 17.21 | 58.8 | 18.92 | 62.7 | 20.85 | 68.0 | 23.38 | 72.3 | 24.65 | 73.9 | 24.82 |
| 54.9 (70%) | 10 | 40.6 | 7.54 | 44.2 | 8.12 | 47.9 | 8.70 | 51.3 | 9.26 | 54.9 | 9.72 | 59.6 | 10.47 | 68.9 | 11.98 | 73.4 | 12.72 |
| | 15 | 40.6 | 7.74 | 44.2 | 8.34 | 47.9 | 8.92 | 51.3 | 9.53 | 54.9 | 10.02 | 59.6 | 10.79 | 68.9 | 12.34 | 73.4 | 13.11 |
| | 21 | 40.6 | 8.15 | 44.2 | 8.78 | 47.9 | 9.39 | 51.3 | 10.03 | 54.9 | 10.57 | 59.6 | 11.40 | 68.9 | 13.03 | 73.4 | 13.85 |
| | 23 | 40.6 | 8.31 | 44.2 | 8.95 | 47.9 | 9.61 | 51.3 | 10.25 | 54.9 | 10.80 | 59.6 | 11.65 | 68.9 | 13.33 | 73.4 | 14.16 |
| | 25 | 40.6 | 8.51 | 44.2 | 9.17 | 47.9 | 9.83 | 51.3 | 10.49 | 54.9 | 11.07 | 59.6 | 11.95 | 68.9 | 13.66 | 73.4 | 14.52 |
| | 27 | 40.6 | 8.73 | 44.2 | 9.41 | 47.9 | 10.08 | 51.3 | 10.77 | 54.9 | 11.37 | 59.6 | 12.26 | 68.9 | 14.05 | 73.4 | 14.93 |
| | 30 | 40.6 | 9.09 | 44.2 | 9.80 | 47.9 | 10.52 | 51.3 | 11.23 | 54.9 | 11.89 | 59.6 | 12.81 | 68.9 | 14.68 | 73.4 | 15.62 |
| | 33 | 40.6 | 9.53 | 44.2 | 10.27 | 47.9 | 11.02 | 51.3 | 11.76 | 54.9 | 12.48 | 59.6 | 13.47 | 68.9 | 15.45 | 73.4 | 16.89 |
| | 35 | 40.6 | 9.83 | 44.2 | 10.63 | 47.9 | 11.40 | 51.3 | 12.17 | 54.9 | 12.92 | 59.6 | 13.94 | 68.9 | 16.42 | 73.4 | 17.96 |
| | 37 | 40.6 | 10.19 | 44.2 | 10.99 | 47.9 | 11.81 | 51.3 | 12.61 | 54.9 | 13.41 | 59.6 | 14.46 | 68.9 | 17.49 | 73.4 | 19.18 |
| | 40 | 40.6 | 10.79 | 44.2 | 11.65 | 47.9 | 12.51 | 51.3 | 13.36 | 54.9 | 14.27 | 59.6 | 15.87 | 68.9 | 19.36 | 73.4 | 21.27 |
| | 43 | 40.6 | 11.54 | 44.2 | 12.47 | 47.9 | 13.39 | 51.3 | 14.43 | 54.9 | 15.76 | 59.6 | 17.55 | 68.9 | 21.45 | 73.1 | 23.33 |
| | 46 | 40.6 | 12.42 | 44.2 | 13.41 | 47.9 | 14.54 | 51.3 | 15.89 | 54.9 | 17.41 | 59.6 | 19.39 | 68.9 | 23.77 | 71.1 | 24.49 |
| 47.0 (60%) | 10 | 35.0 | 6.58 | 37.8 | 7.08 | 40.9 | 7.57 | 44.0 | 8.07 | 47.0 | 8.48 | 51.0 | 9.11 | 59.1 | 10.38 | 63.0 | 11.04 |
| | 15 | 35.0 | 6.77 | 37.8 | 7.27 | 40.9 | 7.79 | 44.0 | 8.29 | 47.0 | 8.70 | 51.0 | 9.37 | 59.1 | 10.71 | 63.0 | 11.37 |
| | 21 | 35.0 | 7.10 | 37.8 | 7.65 | 40.9 | 8.18 | 44.0 | 8.73 | 47.0 | 9.19 | 51.0 | 9.89 | 59.1 | 11.29 | 63.0 | 12.00 |
| | 23 | 35.0 | 7.26 | 37.8 | 7.82 | 40.9 | 8.37 | 44.0 | 8.92 | 47.0 | 9.39 | 51.0 | 10.11 | 59.1 | 11.54 | 63.0 | 12.28 |
| | 25 | 35.0 | 7.43 | 37.8 | 7.99 | 40.9 | 8.56 | 44.0 | 9.12 | 47.0 | 9.61 | 51.0 | 10.36 | 59.1 | 11.84 | 63.0 | 12.58 |
| | 27 | 35.0 | 7.60 | 37.8 | 8.20 | 40.9 | 8.78 | 44.0 | 9.36 | 47.0 | 9.88 | 51.0 | 10.63 | 59.1 | 12.17 | 63.0 | 12.92 |
| | 30 | 35.0 | 7.93 | 37.8 | 8.53 | 40.9 | 9.14 | 44.0 | 9.75 | 47.0 | 10.32 | 51.0 | 11.12 | 59.1 | 12.70 | 63.0 | 13.50 |
| | 33 | 35.0 | 8.29 | 37.8 | 8.92 | 40.9 | 9.58 | 44.0 | 10.22 | 47.0 | 10.82 | 51.0 | 11.65 | 59.1 | 13.35 | 63.0 | 14.19 |
| | 35 | 35.0 | 8.56 | 37.8 | 9.23 | 40.9 | 9.89 | 44.0 | 10.57 | 47.0 | 11.21 | 51.0 | 12.07 | 59.1 | 13.83 | 63.0 | 14.68 |
| | 37 | 35.0 | 8.86 | 37.8 | 9.55 | 40.9 | 10.24 | 44.0 | 10.93 | 47.0 | 11.62 | 51.0 | 12.53 | 59.1 | 14.35 | 63.0 | 15.53 |
| | 40 | 35.0 | 9.39 | 37.8 | 10.11 | 40.9 | 10.85 | 44.0 | 11.59 | 47.0 | 12.34 | 51.0 | 13.30 | 59.1 | 15.70 | 63.0 | 17.13 |
| | 43 | 35.0 | 10.02 | 37.8 | 10.82 | 40.9 | 11.62 | 44.0 | 12.40 | 47.0 | 13.22 | 51.0 | 14.35 | 59.1 | 17.35 | 63.0 | 18.95 |
| | 46 | 35.0 | 10.77 | 37.8 | 11.62 | 40.9 | 12.48 | 44.0 | 13.33 | 47.0 | 14.29 | 51.0 | 15.84 | 59.1 | 19.17 | 63.0 | 20.96 |
| 39.2 (50%) | 10 | 29.1 | 5.64 | 31.6 | 6.05 | 34.2 | 6.47 | 36.7 | 6.88 | 39.2 | 7.21 | 42.5 | 7.74 | 49.2 | 8.81 | 52.4 | 9.34 |
| | 15 | 29.1 | 5.78 | 31.6 | 6.22 | 34.2 | 6.63 | 36.7 | 7.07 | 39.2 | 7.41 | 42.5 | 7.96 | 49.2 | 9.06 | 52.4 | 9.61 |
| | 21 | 29.1 | 6.08 | 31.6 | 6.52 | 34.2 | 6.97 | 36.7 | 7.43 | 39.2 | 7.81 | 42.5 | 8.40 | 49.2 | 9.56 | 52.4 | 10.16 |
| | 23 | 29.1 | 6.19 | 31.6 | 6.66 | 34.2 | 7.13 | 36.7 | 7.57 | 39.2 | 7.98 | 42.5 | 8.59 | 49.2 | 9.78 | 52.4 | 10.38 |
| | 25 | 29.1 | 6.33 | 31.6 | 6.80 | 34.2 | 7.29 | 36.7 | 7.76 | 39.2 | 8.17 | 42.5 | 8.78 | 49.2 | 10.02 | 52.4 | 10.63 |
| | 27 | 29.1 | 6.49 | 31.6 | 6.97 | 34.2 | 7.46 | 36.7 | 7.95 | 39.2 | 8.37 | 42.5 | 9.01 | 49.2 | 10.30 | 52.4 | 10.93 |
| | 30 | 29.1 | 6.75 | 31.6 | 7.27 | 34.2 | 7.77 | 36.7 | 8.28 | 39.2 | 8.75 | 42.5 | 9.42 | 49.2 | 10.74 | 52.4 | 11.40 |
| | 33 | 29.1 | 7.05 | 31.6 | 7.60 | 34.2 | 8.12 | 36.7 | 8.67 | 39.2 | 9.17 | 42.5 | 9.86 | 49.2 | 11.27 | 52.4 | 11.98 |
| | 35 | 29.1 | 7.29 | 31.6 | 7.84 | 34.2 | 8.40 | 36.7 | 8.95 | 39.2 | 9.48 | 42.5 | 10.22 | 49.2 | 11.67 | 52.4 | 12.39 |
| | 37 | 29.1 | 7.54 | 31.6 | 8.12 | 34.2 | 8.70 | 36.7 | 9.28 | 39.2 | 9.83 | 42.5 | 10.58 | 49.2 | 12.09 | 52.4 | 12.86 |
| | 40 | 29.1 | 7.96 | 31.6 | 8.59 | 34.2 | 9.20 | 36.7 | 9.80 | 39.2 | 10.43 | 42.5 | 11.24 | 49.2 | 12.84 | 52.4 | 13.66 |
| | 43 | 29.1 | 8.51 | 31.6 | 9.17 | 34.2 | 9.83 | 36.7 | 10.49 | 39.2 | 11.18 | 42.5 | 12.04 | 49.2 | 13.77 | 52.4 | 14.88 |
| | 46 | 29.1 | 9.12 | 31.6 | 9.83 | 34.2 | 10.55 | 36.7 | 11.26 | 39.2 | 12.01 | 42.5 | 12.97 | 49.2 | 15.12 | 52.4 | 16.42 |

# ■ Model: AJ∗270GALDHH

| Cooling capacity at rated condition: 84.0 kW (30HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 126.0 (150%) | 10 | 93.6 | 16.38 | 99.3 | 17.16 | 101.7 | 17.16 | 104.1 | 17.16 | 106.3 | 17.19 | 108.9 | 17.16 | 114.0 | 17.04 | 116.7 | 16.98 |
| | 15 | 93.6 | 16.86 | 98.7 | 17.52 | 101.1 | 17.52 | 103.5 | 17.52 | 105.5 | 17.55 | 108.0 | 17.52 | 113.1 | 17.43 | 115.8 | 17.37 |
| | 21 | 93.6 | 17.79 | 97.2 | 18.15 | 99.6 | 18.15 | 102.0 | 18.18 | 103.9 | 18.27 | 106.5 | 18.21 | 111.3 | 18.12 | 114.0 | 18.09 |
| | 23 | 93.6 | 18.21 | 96.6 | 18.42 | 99.0 | 18.45 | 101.4 | 18.45 | 103.3 | 18.54 | 105.6 | 18.51 | 110.1 | 18.66 | 112.5 | 18.72 |
| | 25 | 93.6 | 18.66 | 96.0 | 18.72 | 98.4 | 18.75 | 100.5 | 18.87 | 102.0 | 19.11 | 104.1 | 19.20 | 108.6 | 19.38 | 110.7 | 19.47 |
| | 27 | 92.7 | 19.17 | 94.8 | 19.29 | 96.9 | 19.44 | 99.0 | 19.56 | 100.4 | 19.83 | 102.6 | 19.92 | 106.8 | 20.10 | 108.9 | 20.19 |
| | 30 | 90.6 | 20.19 | 92.7 | 20.34 | 94.8 | 20.46 | 96.9 | 20.61 | 97.9 | 20.91 | 99.9 | 21.00 | 104.1 | 21.21 | 106.2 | 21.30 |
| | 33 | 88.5 | 21.21 | 90.6 | 21.36 | 92.4 | 21.51 | 94.5 | 21.66 | 95.4 | 21.99 | 97.5 | 22.11 | 101.4 | 22.35 | 103.5 | 22.47 |
| | 35 | 87.0 | 21.90 | 89.1 | 22.08 | 90.9 | 22.26 | 93.0 | 22.41 | 93.6 | 22.80 | 95.7 | 22.95 | 99.6 | 23.22 | 101.4 | 23.37 |
| | 37 | 85.5 | 22.65 | 87.3 | 22.83 | 89.4 | 23.04 | 91.2 | 23.19 | 91.8 | 23.64 | 93.9 | 23.79 | 97.5 | 24.09 | 99.6 | 24.24 |
| | 40 | 83.1 | 23.82 | 84.9 | 24.00 | 86.7 | 24.21 | 88.5 | 24.39 | 89.1 | 24.90 | 90.9 | 25.08 | 94.8 | 25.41 | 96.6 | 25.56 |
| | 43 | 80.4 | 24.96 | 82.2 | 25.17 | 84.0 | 25.38 | 86.1 | 25.59 | 86.3 | 26.19 | 88.2 | 26.37 | 91.8 | 26.73 | 93.6 | 26.91 |
| | 46 | 78.0 | 26.13 | 79.8 | 26.37 | 81.6 | 26.58 | 83.4 | 26.79 | 83.5 | 27.45 | 85.2 | 27.66 | 88.8 | 28.05 | 90.6 | 28.26 |
| 117.6 (140%) | 10 | 87.3 | 15.33 | 94.8 | 16.59 | 99.6 | 17.16 | 102.0 | 17.16 | 104.5 | 17.22 | 107.1 | 17.19 | 111.9 | 17.10 | 114.6 | 17.04 |
| | 15 | 87.3 | 15.81 | 94.8 | 17.10 | 99.0 | 17.52 | 101.4 | 17.52 | 103.7 | 17.58 | 106.2 | 17.55 | 111.3 | 17.46 | 113.7 | 17.40 |
| | 21 | 87.3 | 16.68 | 94.8 | 18.03 | 97.5 | 18.15 | 99.9 | 18.18 | 102.2 | 18.27 | 104.7 | 18.24 | 109.5 | 18.18 | 112.2 | 18.12 |
| | 23 | 87.3 | 17.04 | 94.8 | 18.42 | 96.9 | 18.42 | 99.3 | 18.45 | 101.6 | 18.57 | 104.1 | 18.54 | 108.6 | 18.60 | 110.7 | 18.66 |
| | 25 | 87.3 | 17.46 | 94.2 | 18.72 | 96.3 | 18.72 | 98.7 | 18.78 | 100.6 | 19.02 | 102.6 | 19.14 | 106.8 | 19.32 | 109.2 | 19.41 |
| | 27 | 87.3 | 17.94 | 93.0 | 19.20 | 95.1 | 19.32 | 97.2 | 19.47 | 99.0 | 19.74 | 101.1 | 19.86 | 105.3 | 20.04 | 107.4 | 20.13 |
| | 30 | 87.3 | 19.32 | 91.2 | 20.22 | 93.0 | 20.34 | 95.1 | 20.49 | 96.6 | 20.82 | 98.7 | 20.94 | 102.6 | 21.15 | 104.7 | 21.24 |
| | 33 | 87.0 | 21.06 | 89.1 | 21.24 | 90.9 | 21.39 | 93.0 | 21.54 | 94.2 | 21.93 | 96.0 | 22.02 | 100.2 | 22.29 | 102.0 | 22.41 |
| | 35 | 85.5 | 21.78 | 87.6 | 21.93 | 89.4 | 22.11 | 91.2 | 22.29 | 92.4 | 22.71 | 94.5 | 22.86 | 98.1 | 23.13 | 100.2 | 23.28 |
| | 37 | 84.0 | 22.53 | 85.8 | 22.71 | 87.9 | 22.89 | 89.7 | 23.07 | 90.7 | 23.55 | 92.7 | 23.70 | 96.3 | 24.00 | 98.4 | 24.15 |
| | 40 | 81.6 | 23.67 | 83.4 | 23.85 | 85.2 | 24.06 | 87.3 | 24.24 | 88.0 | 24.81 | 89.7 | 24.96 | 93.6 | 25.29 | 95.4 | 25.47 |
| | 43 | 79.2 | 24.81 | 81.0 | 25.02 | 82.8 | 25.23 | 84.6 | 25.44 | 85.3 | 26.07 | 87.0 | 26.25 | 90.6 | 26.61 | 92.7 | 26.79 |
| | 46 | 76.8 | 25.98 | 78.6 | 26.19 | 80.1 | 26.43 | 81.9 | 26.64 | 82.5 | 27.36 | 84.3 | 27.54 | 87.9 | 27.96 | 89.7 | 28.14 |
| 109.2 (130%) | 10 | 81.0 | 14.31 | 88.2 | 15.48 | 95.1 | 16.65 | 99.6 | 17.16 | 102.6 | 17.25 | 105.0 | 17.22 | 109.8 | 17.13 | 112.5 | 17.07 |
| | 15 | 81.0 | 14.73 | 88.2 | 15.93 | 95.1 | 17.13 | 99.0 | 17.52 | 101.8 | 17.61 | 104.1 | 17.58 | 109.2 | 17.52 | 111.6 | 17.46 |
| | 21 | 81.0 | 15.54 | 88.2 | 16.80 | 95.1 | 18.09 | 97.5 | 18.15 | 100.3 | 18.30 | 102.6 | 18.27 | 107.4 | 18.21 | 110.1 | 18.15 |
| | 23 | 81.0 | 15.90 | 88.2 | 17.19 | 94.8 | 18.42 | 97.2 | 18.42 | 99.7 | 18.57 | 102.0 | 18.57 | 106.8 | 18.51 | 108.9 | 18.60 |
| | 25 | 81.0 | 16.29 | 88.2 | 17.61 | 94.2 | 18.72 | 96.6 | 18.72 | 98.9 | 18.96 | 101.1 | 19.05 | 105.3 | 19.26 | 107.4 | 19.35 |
| | 27 | 81.0 | 16.71 | 88.2 | 18.09 | 93.3 | 19.20 | 95.4 | 19.32 | 97.4 | 19.68 | 99.6 | 19.77 | 103.5 | 19.98 | 105.6 | 20.07 |
| | 30 | 81.0 | 17.46 | 88.2 | 19.59 | 91.2 | 20.22 | 93.3 | 20.37 | 95.1 | 20.76 | 97.2 | 20.85 | 101.1 | 21.06 | 103.2 | 21.18 |
| | 33 | 81.0 | 19.08 | 87.3 | 21.09 | 89.1 | 21.24 | 91.2 | 21.39 | 92.7 | 21.84 | 94.8 | 21.96 | 98.7 | 22.17 | 100.5 | 22.32 |
| | 35 | 81.0 | 20.28 | 85.8 | 21.78 | 87.6 | 21.96 | 89.7 | 22.14 | 91.1 | 22.62 | 93.0 | 22.77 | 96.9 | 23.04 | 98.7 | 23.16 |
| | 37 | 81.0 | 21.66 | 84.3 | 22.56 | 86.1 | 22.74 | 87.9 | 22.92 | 89.3 | 23.43 | 91.2 | 23.61 | 95.1 | 23.88 | 96.9 | 24.03 |
| | 40 | 80.1 | 23.49 | 81.9 | 23.70 | 83.7 | 23.88 | 85.5 | 24.09 | 86.7 | 24.69 | 88.5 | 24.87 | 92.1 | 25.20 | 94.2 | 25.35 |
| | 43 | 77.7 | 24.66 | 79.5 | 24.87 | 81.3 | 25.05 | 83.1 | 25.26 | 84.1 | 25.95 | 85.8 | 26.13 | 89.4 | 26.49 | 91.2 | 26.67 |
| | 46 | 75.3 | 25.80 | 77.1 | 26.04 | 78.9 | 26.25 | 80.7 | 26.46 | 81.4 | 27.21 | 83.1 | 27.42 | 86.7 | 27.81 | 88.5 | 28.02 |
| 100.8 (120%) | 10 | 74.7 | 13.29 | 81.3 | 14.37 | 87.9 | 15.42 | 94.2 | 16.50 | 100.4 | 17.28 | 102.6 | 17.25 | 107.4 | 17.16 | 109.8 | 17.13 |
| | 15 | 74.7 | 13.68 | 81.3 | 14.79 | 87.9 | 15.90 | 94.2 | 17.01 | 99.6 | 17.64 | 102.0 | 17.61 | 106.8 | 17.55 | 109.2 | 17.49 |
| | 21 | 74.7 | 14.43 | 81.3 | 15.60 | 87.9 | 16.77 | 94.2 | 17.94 | 98.2 | 18.30 | 100.5 | 18.30 | 105.3 | 18.24 | 107.7 | 18.21 |
| | 23 | 74.7 | 14.73 | 81.3 | 15.93 | 87.9 | 17.13 | 94.2 | 18.36 | 97.7 | 18.60 | 99.9 | 18.57 | 104.7 | 18.54 | 106.8 | 18.51 |
| | 25 | 74.7 | 15.09 | 81.3 | 16.32 | 87.9 | 17.58 | 93.9 | 18.72 | 97.0 | 18.90 | 99.3 | 18.96 | 103.2 | 19.17 | 105.3 | 19.26 |
| | 27 | 74.7 | 15.51 | 81.3 | 16.77 | 87.9 | 18.03 | 93.0 | 19.17 | 95.6 | 19.59 | 97.8 | 19.68 | 101.7 | 19.89 | 103.8 | 19.98 |
| | 30 | 74.7 | 16.20 | 81.3 | 17.52 | 87.9 | 19.50 | 91.2 | 20.22 | 93.4 | 20.64 | 95.4 | 20.76 | 99.3 | 20.97 | 101.4 | 21.09 |
| | 33 | 74.7 | 17.13 | 81.3 | 19.17 | 87.3 | 21.09 | 89.1 | 21.24 | 91.1 | 21.72 | 93.0 | 21.84 | 96.9 | 22.08 | 98.7 | 22.20 |
| | 35 | 74.7 | 18.18 | 81.3 | 20.37 | 85.8 | 21.78 | 87.6 | 21.96 | 89.5 | 22.50 | 91.5 | 22.65 | 95.1 | 22.92 | 96.9 | 23.04 |
| | 37 | 74.7 | 19.32 | 81.3 | 21.78 | 84.3 | 22.56 | 86.1 | 22.74 | 87.9 | 23.31 | 89.7 | 23.46 | 93.3 | 23.76 | 95.1 | 23.91 |
| | 40 | 74.7 | 21.36 | 80.1 | 23.52 | 81.9 | 23.70 | 83.7 | 23.88 | 85.3 | 24.57 | 87.0 | 24.72 | 90.6 | 25.05 | 92.4 | 25.20 |
| | 43 | 74.7 | 23.64 | 78.0 | 24.66 | 79.8 | 24.87 | 81.3 | 25.08 | 82.7 | 25.80 | 84.6 | 25.98 | 87.9 | 26.34 | 89.7 | 26.52 |
| | 46 | 73.8 | 25.62 | 75.6 | 25.83 | 77.4 | 26.04 | 78.9 | 26.25 | 80.1 | 27.06 | 81.9 | 27.27 | 85.2 | 27.66 | 87.0 | 27.87 |
| 92.4 (110%) | 10 | 68.7 | 12.24 | 74.4 | 13.23 | 80.4 | 14.22 | 86.4 | 15.21 | 92.4 | 15.99 | 100.2 | 17.28 | 104.7 | 17.22 | 107.1 | 17.19 |
| | 15 | 68.7 | 12.60 | 74.4 | 13.62 | 80.4 | 14.64 | 86.4 | 15.66 | 92.4 | 16.50 | 99.6 | 17.64 | 104.1 | 17.58 | 106.5 | 17.55 |
| | 21 | 68.7 | 13.29 | 74.4 | 14.37 | 80.4 | 15.45 | 86.4 | 16.53 | 92.4 | 17.43 | 98.1 | 18.30 | 102.6 | 18.27 | 105.0 | 18.24 |
| | 23 | 68.7 | 13.59 | 74.4 | 14.70 | 80.4 | 15.78 | 86.4 | 16.89 | 92.4 | 17.85 | 97.5 | 18.60 | 102.0 | 18.57 | 104.4 | 18.54 |
| | 25 | 68.7 | 13.92 | 74.4 | 15.06 | 80.4 | 16.17 | 86.4 | 17.31 | 92.4 | 18.30 | 96.9 | 18.90 | 101.1 | 19.05 | 103.2 | 19.14 |
| | 27 | 68.7 | 14.28 | 74.4 | 15.45 | 80.4 | 16.62 | 86.4 | 17.79 | 92.4 | 18.99 | 95.7 | 19.56 | 99.6 | 19.77 | 101.4 | 19.89 |
| | 30 | 68.7 | 14.91 | 74.4 | 16.14 | 80.4 | 17.34 | 86.4 | 19.08 | 91.5 | 20.52 | 93.3 | 20.64 | 97.2 | 20.88 | 99.3 | 20.97 |
| | 33 | 68.7 | 15.63 | 74.4 | 17.04 | 80.4 | 18.90 | 86.4 | 20.91 | 89.3 | 21.60 | 91.2 | 21.72 | 94.8 | 21.96 | 96.9 | 22.08 |
| | 35 | 68.7 | 16.20 | 74.4 | 18.09 | 80.4 | 20.10 | 85.5 | 21.75 | 87.8 | 22.35 | 89.7 | 22.50 | 93.3 | 22.77 | 95.1 | 22.92 |
| | 37 | 68.7 | 17.19 | 74.4 | 19.23 | 80.4 | 21.45 | 84.0 | 22.53 | 86.2 | 23.16 | 87.9 | 23.34 | 91.5 | 23.64 | 93.3 | 23.76 |
| | 40 | 68.7 | 18.93 | 74.4 | 21.24 | 80.1 | 23.49 | 81.6 | 23.67 | 83.7 | 24.39 | 85.5 | 24.57 | 89.1 | 24.90 | 90.9 | 25.05 |
| | 43 | 68.7 | 20.91 | 74.4 | 23.52 | 77.7 | 24.66 | 79.5 | 24.84 | 81.2 | 25.65 | 83.1 | 25.83 | 86.4 | 26.19 | 88.2 | 26.37 |
| | 46 | 68.7 | 23.13 | 73.8 | 25.59 | 75.6 | 25.83 | 77.1 | 26.04 | 78.7 | 26.91 | 80.4 | 27.09 | 83.7 | 27.48 | 85.5 | 27.69 |
| 84.0 (100%) | 10 | 62.4 | 11.22 | 67.8 | 12.12 | 73.2 | 13.02 | 78.6 | 13.92 | 84.0 | 14.61 | 91.2 | 15.78 | 101.7 | 17.25 | 104.1 | 17.22 |
| | 15 | 62.4 | 11.55 | 67.8 | 12.45 | 73.2 | 13.38 | 78.6 | 14.31 | 84.0 | 15.06 | 91.2 | 16.26 | 101.1 | 17.61 | 103.5 | 17.58 |
| | 21 | 62.4 | 12.15 | 67.8 | 13.14 | 73.2 | 14.13 | 78.6 | 15.09 | 84.0 | 15.93 | 91.2 | 17.22 | 99.9 | 18.30 | 102.0 | 18.27 |
| | 23 | 62.4 | 12.42 | 67.8 | 13.44 | 73.2 | 14.43 | 78.6 | 15.45 | 84.0 | 16.32 | 91.2 | 17.61 | 99.3 | 18.60 | 101.4 | 18.57 |
| | 25 | 62.4 | 12.72 | 67.8 | 13.77 | 73.2 | 14.79 | 78.6 | 15.81 | 84.0 | 16.71 | 91.2 | 18.06 | 98.4 | 18.93 | 100.5 | 19.02 |
| | 27 | 62.4 | 13.08 | 67.8 | 14.13 | 73.2 | 15.18 | 78.6 | 16.23 | 84.0 | 17.19 | 91.2 | 18.60 | 97.2 | 19.65 | 99.0 | 19.74 |
| | 30 | 62.4 | 13.65 | 67.8 | 14.76 | 73.2 | 15.87 | 78.6 | 16.95 | 84.0 | 18.21 | 91.2 | 20.49 | 94.8 | 20.73 | 96.9 | 20.85 |
| | 33 | 62.4 | 14.31 | 67.8 | 15.48 | 73.2 | 16.65 | 78.6 | 18.30 | 84.0 | 20.04 | 89.1 | 21.60 | 92.7 | 21.84 | 94.5 | 21.93 |
| | 35 | 62.4 | 14.79 | 67.8 | 16.02 | 73.2 | 17.64 | 78.6 | 19.44 | 84.0 | 21.33 | 87.6 | 22.35 | 91.2 | 22.62 | 93.0 | 22.77 |
| | 37 | 62.4 | 15.33 | 67.8 | 16.92 | 73.2 | 18.72 | 78.6 | 20.73 | 84.0 | 22.89 | 86.1 | 23.16 | 89.4 | 23.46 | 91.2 | 23.61 |
| | 40 | 62.4 | 16.65 | 67.8 | 18.63 | 73.2 | 20.70 | 78.6 | 22.92 | 81.9 | 24.21 | 83.7 | 24.39 | 87.0 | 24.72 | 88.8 | 24.87 |
| | 43 | 62.4 | 18.39 | 67.8 | 20.58 | 73.2 | 22.89 | 77.4 | 24.60 | 79.5 | 25.44 | 81.3 | 25.65 | 84.6 | 26.01 | 86.1 | 26.16 |
| | 46 | 62.4 | 20.28 | 67.8 | 22.74 | 73.2 | 25.35 | 75.0 | 25.77 | 77.1 | 26.70 | 78.6 | 26.91 | 81.9 | 27.30 | 83.7 | 27.48 |

MODEL SELECTION

| Cooling capacity at rated condition: 84.0 kW (30HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 75.6 (90%) | 10 | 56.1 | 10.17 | 60.9 | 10.98 | 65.7 | 11.79 | 70.8 | 12.60 | 75.6 | 13.26 | 81.9 | 14.31 | 94.8 | 16.38 | 100.5 | 17.28 |
| | 15 | 56.1 | 10.47 | 60.9 | 11.31 | 65.7 | 12.15 | 70.8 | 12.96 | 75.6 | 13.65 | 81.9 | 14.73 | 94.8 | 16.89 | 99.9 | 17.64 |
| | 21 | 56.1 | 11.04 | 60.9 | 11.91 | 65.7 | 12.81 | 70.8 | 13.68 | 75.6 | 14.43 | 81.9 | 15.57 | 94.8 | 17.88 | 98.7 | 18.30 |
| | 23 | 56.1 | 11.28 | 60.9 | 12.18 | 65.7 | 13.08 | 70.8 | 13.98 | 75.6 | 14.76 | 81.9 | 15.93 | 94.8 | 18.30 | 98.1 | 18.60 |
| | 25 | 56.1 | 11.55 | 60.9 | 12.48 | 65.7 | 13.41 | 70.8 | 14.34 | 75.6 | 15.15 | 81.9 | 16.35 | 94.8 | 18.75 | 97.5 | 18.90 |
| | 27 | 56.1 | 11.85 | 60.9 | 12.81 | 65.7 | 13.77 | 70.8 | 14.70 | 75.6 | 15.57 | 81.9 | 16.80 | 94.2 | 19.50 | 96.0 | 19.59 |
| | 30 | 56.1 | 12.36 | 60.9 | 13.35 | 65.7 | 14.37 | 70.8 | 15.36 | 75.6 | 16.26 | 81.9 | 17.61 | 92.1 | 20.58 | 94.2 | 20.70 |
| | 33 | 56.1 | 12.96 | 60.9 | 14.01 | 65.7 | 15.06 | 70.8 | 16.11 | 75.6 | 17.31 | 81.9 | 19.38 | 90.0 | 21.66 | 91.8 | 21.78 |
| | 35 | 56.1 | 13.41 | 60.9 | 14.49 | 65.7 | 15.60 | 70.8 | 16.86 | 75.6 | 18.42 | 81.9 | 20.61 | 88.8 | 22.44 | 90.3 | 22.56 |
| | 37 | 56.1 | 13.89 | 60.9 | 15.03 | 65.7 | 16.32 | 70.8 | 17.91 | 75.6 | 19.62 | 81.9 | 22.08 | 87.0 | 23.25 | 88.8 | 23.40 |
| | 40 | 56.1 | 14.73 | 60.9 | 16.20 | 65.7 | 17.91 | 70.8 | 19.77 | 75.6 | 21.75 | 81.3 | 24.18 | 84.9 | 24.51 | 86.4 | 24.66 |
| | 43 | 56.1 | 16.02 | 60.9 | 17.85 | 65.7 | 19.80 | 70.8 | 21.84 | 75.6 | 24.12 | 79.2 | 25.41 | 82.5 | 25.77 | 84.0 | 25.95 |
| | 46 | 56.1 | 17.67 | 60.9 | 19.71 | 65.7 | 21.87 | 70.8 | 24.15 | 75.1 | 26.46 | 76.8 | 26.67 | 79.8 | 27.06 | 81.6 | 27.24 |
| 67.2 (80%) | 10 | 49.8 | 9.15 | 54.3 | 9.87 | 58.5 | 10.59 | 63.0 | 11.31 | 67.2 | 11.88 | 72.9 | 12.81 | 84.3 | 14.67 | 90.0 | 15.60 |
| | 15 | 49.8 | 9.42 | 54.3 | 10.14 | 58.5 | 10.89 | 63.0 | 11.64 | 67.2 | 12.24 | 72.9 | 13.20 | 84.3 | 15.12 | 90.0 | 16.08 |
| | 21 | 49.8 | 9.90 | 54.3 | 10.68 | 58.5 | 11.49 | 63.0 | 12.27 | 67.2 | 12.93 | 72.9 | 13.95 | 84.3 | 15.99 | 90.0 | 17.01 |
| | 23 | 49.8 | 10.11 | 54.3 | 10.92 | 58.5 | 11.73 | 63.0 | 12.54 | 67.2 | 13.23 | 72.9 | 14.28 | 84.3 | 16.35 | 90.0 | 17.40 |
| | 25 | 49.8 | 10.38 | 54.3 | 11.19 | 58.5 | 12.00 | 63.0 | 12.84 | 67.2 | 13.56 | 72.9 | 14.64 | 84.3 | 16.77 | 90.0 | 17.85 |
| | 27 | 49.8 | 10.62 | 54.3 | 11.49 | 58.5 | 12.33 | 63.0 | 13.17 | 67.2 | 13.92 | 72.9 | 15.03 | 84.3 | 17.25 | 90.0 | 18.36 |
| | 30 | 49.8 | 11.10 | 54.3 | 11.97 | 58.5 | 12.87 | 63.0 | 13.74 | 67.2 | 14.58 | 72.9 | 15.72 | 84.3 | 18.30 | 90.0 | 20.10 |
| | 33 | 49.8 | 11.61 | 54.3 | 12.54 | 58.5 | 13.50 | 63.0 | 14.43 | 67.2 | 15.30 | 72.9 | 16.53 | 84.3 | 20.13 | 88.8 | 21.57 |
| | 35 | 49.8 | 12.03 | 54.3 | 12.99 | 58.5 | 13.95 | 63.0 | 14.91 | 67.2 | 15.84 | 72.9 | 17.52 | 84.3 | 21.45 | 87.6 | 22.32 |
| | 37 | 49.8 | 12.45 | 54.3 | 13.47 | 58.5 | 14.46 | 63.0 | 15.48 | 67.2 | 16.74 | 72.9 | 18.63 | 84.3 | 22.98 | 86.1 | 23.16 |
| | 40 | 49.8 | 13.20 | 54.3 | 14.28 | 58.5 | 15.36 | 63.0 | 16.86 | 67.2 | 18.45 | 72.9 | 20.67 | 82.2 | 24.24 | 83.7 | 24.39 |
| | 43 | 49.8 | 14.13 | 54.3 | 15.36 | 58.5 | 16.92 | 63.0 | 18.60 | 67.2 | 20.43 | 72.9 | 22.89 | 79.8 | 25.50 | 81.3 | 25.65 |
| | 46 | 49.8 | 15.21 | 54.3 | 16.89 | 58.5 | 18.66 | 63.0 | 20.52 | 67.2 | 22.62 | 72.9 | 25.38 | 77.4 | 26.76 | 79.2 | 26.94 |
| 58.8 (70%) | 10 | 43.5 | 8.13 | 47.4 | 8.76 | 51.3 | 9.39 | 54.9 | 9.99 | 58.8 | 10.50 | 63.9 | 11.31 | 73.8 | 12.96 | 78.6 | 13.77 |
| | 15 | 43.5 | 8.34 | 47.4 | 9.00 | 51.3 | 9.63 | 54.9 | 10.29 | 58.8 | 10.83 | 63.9 | 11.67 | 73.8 | 13.35 | 78.6 | 14.19 |
| | 21 | 43.5 | 8.79 | 47.4 | 9.48 | 51.3 | 10.14 | 54.9 | 10.83 | 58.8 | 11.43 | 63.9 | 12.33 | 73.8 | 14.10 | 78.6 | 15.00 |
| | 23 | 43.5 | 8.97 | 47.4 | 9.66 | 51.3 | 10.38 | 54.9 | 11.07 | 58.8 | 11.67 | 63.9 | 12.60 | 73.8 | 14.43 | 78.6 | 15.33 |
| | 25 | 43.5 | 9.18 | 47.4 | 9.90 | 51.3 | 10.62 | 54.9 | 11.34 | 58.8 | 11.97 | 63.9 | 12.93 | 73.8 | 14.79 | 78.6 | 15.72 |
| | 27 | 43.5 | 9.42 | 47.4 | 10.17 | 51.3 | 10.89 | 54.9 | 11.64 | 58.8 | 12.30 | 63.9 | 13.26 | 73.8 | 15.21 | 78.6 | 16.17 |
| | 30 | 43.5 | 9.81 | 47.4 | 10.59 | 51.3 | 11.37 | 54.9 | 12.15 | 58.8 | 12.87 | 63.9 | 13.86 | 73.8 | 15.90 | 78.6 | 16.92 |
| | 33 | 43.5 | 10.29 | 47.4 | 11.10 | 51.3 | 11.91 | 54.9 | 12.72 | 58.8 | 13.50 | 63.9 | 14.58 | 73.8 | 16.74 | 78.6 | 18.30 |
| | 35 | 43.5 | 10.62 | 47.4 | 11.49 | 51.3 | 12.33 | 54.9 | 13.17 | 58.8 | 13.98 | 63.9 | 15.09 | 73.8 | 17.79 | 78.6 | 19.47 |
| | 37 | 43.5 | 11.01 | 47.4 | 11.88 | 51.3 | 12.78 | 54.9 | 13.65 | 58.8 | 14.52 | 63.9 | 15.66 | 73.8 | 18.96 | 78.6 | 20.79 |
| | 40 | 43.5 | 11.67 | 47.4 | 12.60 | 51.3 | 13.53 | 54.9 | 14.46 | 58.8 | 15.45 | 63.9 | 17.19 | 73.8 | 21.00 | 78.6 | 23.07 |
| | 43 | 43.5 | 12.48 | 47.4 | 13.50 | 51.3 | 14.49 | 54.9 | 15.63 | 58.8 | 17.07 | 63.9 | 19.02 | 73.8 | 23.28 | 78.3 | 25.32 |
| | 46 | 43.5 | 13.44 | 47.4 | 14.52 | 51.3 | 15.75 | 54.9 | 17.22 | 58.8 | 18.87 | 63.9 | 21.03 | 73.8 | 25.80 | 76.2 | 26.58 |
| 50.4 (60%) | 10 | 37.5 | 7.08 | 40.5 | 7.62 | 43.8 | 8.16 | 47.1 | 8.70 | 50.4 | 9.15 | 54.6 | 9.84 | 63.3 | 11.22 | 67.5 | 11.94 |
| | 15 | 37.5 | 7.29 | 40.5 | 7.83 | 43.8 | 8.40 | 47.1 | 8.94 | 50.4 | 9.39 | 54.6 | 10.11 | 63.3 | 11.58 | 67.5 | 12.30 |
| | 21 | 37.5 | 7.65 | 40.5 | 8.25 | 43.8 | 8.82 | 47.1 | 9.42 | 50.4 | 9.93 | 54.6 | 10.68 | 63.3 | 12.21 | 67.5 | 12.99 |
| | 23 | 37.5 | 7.83 | 40.5 | 8.43 | 43.8 | 9.03 | 47.1 | 9.63 | 50.4 | 10.14 | 54.6 | 10.92 | 63.3 | 12.48 | 67.5 | 13.29 |
| | 25 | 37.5 | 8.01 | 40.5 | 8.61 | 43.8 | 9.24 | 47.1 | 9.84 | 50.4 | 10.38 | 54.6 | 11.19 | 63.3 | 12.81 | 67.5 | 13.62 |
| | 27 | 37.5 | 8.19 | 40.5 | 8.85 | 43.8 | 9.48 | 47.1 | 10.11 | 50.4 | 10.68 | 54.6 | 11.49 | 63.3 | 13.17 | 67.5 | 13.98 |
| | 30 | 37.5 | 8.55 | 40.5 | 9.21 | 43.8 | 9.87 | 47.1 | 10.53 | 50.4 | 11.16 | 54.6 | 12.03 | 63.3 | 13.74 | 67.5 | 14.61 |
| | 33 | 37.5 | 8.94 | 40.5 | 9.63 | 43.8 | 10.35 | 47.1 | 11.04 | 50.4 | 11.70 | 54.6 | 12.60 | 63.3 | 14.46 | 67.5 | 15.36 |
| | 35 | 37.5 | 9.24 | 40.5 | 9.96 | 43.8 | 10.68 | 47.1 | 11.43 | 50.4 | 12.12 | 54.6 | 13.05 | 63.3 | 14.97 | 67.5 | 15.90 |
| | 37 | 37.5 | 9.57 | 40.5 | 10.32 | 43.8 | 11.07 | 47.1 | 11.82 | 50.4 | 12.57 | 54.6 | 13.56 | 63.3 | 15.54 | 67.5 | 16.83 |
| | 40 | 37.5 | 10.14 | 40.5 | 10.92 | 43.8 | 11.73 | 47.1 | 12.54 | 50.4 | 13.35 | 54.6 | 14.40 | 63.3 | 17.01 | 67.5 | 18.57 |
| | 43 | 37.5 | 10.83 | 40.5 | 11.70 | 43.8 | 12.57 | 47.1 | 13.41 | 50.4 | 14.31 | 54.6 | 15.54 | 63.3 | 18.81 | 67.5 | 20.55 |
| | 46 | 37.5 | 11.64 | 40.5 | 12.57 | 43.8 | 13.50 | 47.1 | 14.43 | 50.4 | 15.48 | 54.6 | 17.16 | 63.3 | 20.79 | 67.5 | 22.74 |
| 42.0 (50%) | 10 | 31.2 | 6.06 | 33.9 | 6.51 | 36.6 | 6.96 | 39.3 | 7.41 | 42.0 | 7.77 | 45.6 | 8.34 | 52.8 | 9.51 | 56.1 | 10.08 |
| | 15 | 31.2 | 6.21 | 33.9 | 6.69 | 36.6 | 7.14 | 39.3 | 7.62 | 42.0 | 7.98 | 45.6 | 8.58 | 52.8 | 9.78 | 56.1 | 10.38 |
| | 21 | 31.2 | 6.54 | 33.9 | 7.02 | 36.6 | 7.50 | 39.3 | 8.01 | 42.0 | 8.43 | 45.6 | 9.06 | 52.8 | 10.32 | 56.1 | 10.98 |
| | 23 | 31.2 | 6.66 | 33.9 | 7.17 | 36.6 | 7.68 | 39.3 | 8.16 | 42.0 | 8.61 | 45.6 | 9.27 | 52.8 | 10.56 | 56.1 | 11.22 |
| | 25 | 31.2 | 6.81 | 33.9 | 7.32 | 36.6 | 7.86 | 39.3 | 8.37 | 42.0 | 8.82 | 45.6 | 9.48 | 52.8 | 10.83 | 56.1 | 11.49 |
| | 27 | 31.2 | 6.99 | 33.9 | 7.50 | 36.6 | 8.04 | 39.3 | 8.58 | 42.0 | 9.03 | 45.6 | 9.72 | 52.8 | 11.13 | 56.1 | 11.82 |
| | 30 | 31.2 | 7.26 | 33.9 | 7.83 | 36.6 | 8.37 | 39.3 | 8.94 | 42.0 | 9.45 | 45.6 | 10.17 | 52.8 | 11.61 | 56.1 | 12.33 |
| | 33 | 31.2 | 7.59 | 33.9 | 8.19 | 36.6 | 8.76 | 39.3 | 9.36 | 42.0 | 9.90 | 45.6 | 10.65 | 52.8 | 12.18 | 56.1 | 12.96 |
| | 35 | 31.2 | 7.86 | 33.9 | 8.46 | 36.6 | 9.06 | 39.3 | 9.66 | 42.0 | 10.23 | 45.6 | 11.04 | 52.8 | 12.63 | 56.1 | 13.41 |
| | 37 | 31.2 | 8.13 | 33.9 | 8.76 | 36.6 | 9.39 | 39.3 | 10.02 | 42.0 | 10.62 | 45.6 | 11.43 | 52.8 | 13.08 | 56.1 | 13.92 |
| | 40 | 31.2 | 8.58 | 33.9 | 9.27 | 36.6 | 9.93 | 39.3 | 10.59 | 42.0 | 11.28 | 45.6 | 12.15 | 52.8 | 13.89 | 56.1 | 14.79 |
| | 43 | 31.2 | 9.18 | 33.9 | 9.90 | 36.6 | 10.62 | 39.3 | 11.34 | 42.0 | 12.09 | 45.6 | 13.02 | 52.8 | 14.91 | 56.1 | 16.11 |
| | 46 | 31.2 | 9.84 | 33.9 | 10.62 | 36.6 | 11.40 | 39.3 | 12.18 | 42.0 | 12.99 | 45.6 | 14.04 | 52.8 | 16.38 | 56.1 | 17.79 |

# ■ Model: AJ∗288GALDHH

| Cooling capacity at rated condition: 90.4 kW (32HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 135.6 (150%) | 10 | 100.6 | 18.37 | 107.2 | 19.34 | 109.8 | 19.35 | 112.5 | 19.36 | 115.1 | 19.43 | 117.9 | 19.41 | 123.5 | 19.32 | 126.4 | 19.26 |
| | 15 | 100.6 | 18.90 | 106.5 | 19.72 | 109.1 | 19.74 | 111.8 | 19.75 | 114.2 | 19.83 | 116.9 | 19.81 | 122.6 | 19.74 | 125.4 | 19.69 |
| | 21 | 100.6 | 19.92 | 105.0 | 20.42 | 107.6 | 20.44 | 110.2 | 20.47 | 112.5 | 20.61 | 115.2 | 20.58 | 120.4 | 20.59 | 123.1 | 20.65 |
| | 23 | 100.6 | 20.36 | 104.4 | 20.72 | 107.0 | 20.75 | 109.6 | 20.77 | 111.6 | 20.96 | 114.1 | 21.02 | 118.9 | 21.28 | 121.3 | 21.39 |
| | 25 | 100.6 | 20.85 | 103.7 | 21.05 | 106.1 | 21.17 | 108.4 | 21.35 | 110.1 | 21.65 | 112.4 | 21.80 | 117.0 | 22.06 | 119.3 | 22.19 |
| | 27 | 100.0 | 21.56 | 102.3 | 21.73 | 104.5 | 21.93 | 106.8 | 22.10 | 108.3 | 22.43 | 110.5 | 22.58 | 115.1 | 22.86 | 117.2 | 23.00 |
| | 30 | 97.9 | 22.67 | 100.0 | 22.87 | 102.2 | 23.07 | 104.4 | 23.26 | 105.5 | 23.65 | 107.7 | 23.80 | 112.1 | 24.12 | 114.2 | 24.27 |
| | 33 | 95.4 | 23.84 | 97.5 | 24.05 | 99.6 | 24.26 | 101.7 | 24.46 | 102.7 | 24.89 | 104.9 | 25.06 | 109.0 | 25.41 | 111.2 | 25.57 |
| | 35 | 93.7 | 24.63 | 95.8 | 24.86 | 97.8 | 25.09 | 100.0 | 25.30 | 100.8 | 25.77 | 102.9 | 25.96 | 107.0 | 26.33 | 109.1 | 26.51 |
| | 37 | 92.0 | 25.46 | 94.0 | 25.69 | 96.1 | 25.94 | 98.1 | 26.15 | 98.8 | 26.67 | 100.9 | 26.86 | 104.8 | 27.25 | 106.9 | 27.43 |
| | 40 | 89.3 | 26.72 | 91.3 | 26.96 | 93.2 | 27.21 | 95.2 | 27.45 | 95.8 | 28.02 | 97.8 | 28.23 | 101.8 | 28.65 | 103.7 | 28.84 |
| | 43 | 86.6 | 27.98 | 88.5 | 28.25 | 90.4 | 28.50 | 92.4 | 28.75 | 92.7 | 29.39 | 94.7 | 29.61 | 98.5 | 30.04 | 100.5 | 30.25 |
| | 46 | 83.9 | 29.27 | 85.8 | 29.54 | 87.6 | 29.81 | 89.5 | 30.07 | 89.7 | 30.75 | 91.6 | 30.99 | 95.3 | 31.44 | 97.2 | 31.67 |
| 126.5 (140%) | 10 | 93.9 | 17.21 | 102.1 | 18.62 | 107.6 | 19.34 | 110.1 | 19.35 | 113.1 | 19.45 | 115.8 | 19.42 | 121.4 | 19.36 | 124.2 | 19.32 |
| | 15 | 93.9 | 17.71 | 102.1 | 19.16 | 106.8 | 19.73 | 109.4 | 19.74 | 112.2 | 19.85 | 114.9 | 19.83 | 120.4 | 19.77 | 123.2 | 19.72 |
| | 21 | 93.9 | 18.67 | 102.1 | 20.19 | 105.3 | 20.43 | 107.9 | 20.45 | 110.6 | 20.61 | 113.3 | 20.59 | 118.6 | 20.56 | 121.2 | 20.61 |
| | 23 | 93.9 | 19.08 | 102.1 | 20.61 | 104.8 | 20.72 | 107.3 | 20.75 | 109.9 | 20.92 | 112.4 | 20.99 | 117.2 | 21.18 | 119.4 | 21.31 |
| | 25 | 93.9 | 19.54 | 101.7 | 21.02 | 104.0 | 21.06 | 106.4 | 21.20 | 108.5 | 21.55 | 110.8 | 21.70 | 115.3 | 21.97 | 117.6 | 22.10 |
| | 27 | 93.9 | 20.05 | 100.4 | 21.59 | 102.7 | 21.77 | 104.9 | 21.95 | 106.8 | 22.33 | 109.0 | 22.48 | 113.5 | 22.76 | 115.7 | 22.90 |
| | 30 | 93.9 | 21.53 | 98.3 | 22.71 | 100.4 | 22.90 | 102.6 | 23.10 | 104.1 | 23.54 | 106.3 | 23.70 | 110.6 | 24.02 | 112.7 | 24.16 |
| | 33 | 93.7 | 23.64 | 95.9 | 23.89 | 97.9 | 24.10 | 100.1 | 24.30 | 101.4 | 24.78 | 103.4 | 24.95 | 107.7 | 25.30 | 109.7 | 25.47 |
| | 35 | 92.1 | 24.46 | 94.2 | 24.68 | 96.2 | 24.91 | 98.3 | 25.13 | 99.5 | 25.65 | 101.6 | 25.85 | 105.6 | 26.21 | 107.7 | 26.39 |
| | 37 | 90.5 | 25.29 | 92.4 | 25.53 | 94.5 | 25.75 | 96.5 | 25.99 | 97.5 | 26.55 | 99.6 | 26.75 | 103.6 | 27.13 | 105.6 | 27.32 |
| | 40 | 87.9 | 26.55 | 89.8 | 26.79 | 91.8 | 27.04 | 93.7 | 27.26 | 94.6 | 27.89 | 96.6 | 28.11 | 100.6 | 28.51 | 102.5 | 28.72 |
| | 43 | 85.2 | 27.81 | 87.1 | 28.06 | 89.1 | 28.32 | 91.0 | 28.57 | 91.6 | 29.25 | 93.5 | 29.48 | 97.3 | 29.91 | 99.4 | 30.13 |
| | 46 | 82.6 | 29.08 | 84.4 | 29.34 | 86.2 | 29.62 | 88.1 | 29.88 | 88.6 | 30.62 | 90.5 | 30.85 | 94.2 | 31.32 | 96.1 | 31.54 |
| 117.5 (130%) | 10 | 87.2 | 16.07 | 94.8 | 17.37 | 102.4 | 18.67 | 107.4 | 19.34 | 110.9 | 19.47 | 113.6 | 19.45 | 119.0 | 19.39 | 121.8 | 19.35 |
| | 15 | 87.2 | 16.53 | 94.8 | 17.87 | 102.4 | 19.20 | 106.8 | 19.73 | 110.1 | 19.86 | 112.7 | 19.85 | 118.2 | 19.81 | 120.8 | 19.76 |
| | 21 | 87.2 | 17.41 | 94.8 | 18.82 | 102.4 | 20.24 | 105.3 | 20.43 | 108.5 | 20.61 | 111.1 | 20.61 | 116.4 | 20.57 | 119.0 | 20.56 |
| | 23 | 87.2 | 17.80 | 94.8 | 19.24 | 102.2 | 20.64 | 104.9 | 20.72 | 107.9 | 20.93 | 110.4 | 20.93 | 115.3 | 21.07 | 117.5 | 21.20 |
| | 25 | 87.2 | 18.23 | 94.8 | 19.70 | 101.7 | 21.02 | 104.2 | 21.07 | 106.8 | 21.43 | 109.0 | 21.58 | 113.5 | 21.87 | 115.7 | 22.00 |
| | 27 | 87.2 | 18.70 | 94.8 | 20.22 | 100.7 | 21.59 | 102.8 | 21.77 | 105.1 | 22.21 | 107.3 | 22.36 | 111.6 | 22.65 | 113.9 | 22.80 |
| | 30 | 87.2 | 19.51 | 94.8 | 21.82 | 98.4 | 22.72 | 100.5 | 22.92 | 102.6 | 23.42 | 104.7 | 23.57 | 108.9 | 23.90 | 111.1 | 24.05 |
| | 33 | 87.2 | 21.22 | 94.1 | 23.69 | 96.1 | 23.90 | 98.2 | 24.11 | 99.9 | 24.66 | 101.9 | 24.83 | 106.1 | 25.16 | 108.1 | 25.34 |
| | 35 | 87.2 | 22.63 | 92.5 | 24.49 | 94.4 | 24.71 | 96.5 | 24.93 | 98.0 | 25.51 | 100.1 | 25.71 | 104.1 | 26.08 | 106.1 | 26.25 |
| | 37 | 87.2 | 24.22 | 90.8 | 25.33 | 92.7 | 25.55 | 94.7 | 25.79 | 96.2 | 26.40 | 98.1 | 26.61 | 102.1 | 26.99 | 104.1 | 27.17 |
| | 40 | 86.3 | 26.34 | 88.2 | 26.58 | 90.1 | 26.82 | 92.0 | 27.06 | 93.3 | 27.75 | 95.2 | 27.97 | 99.1 | 28.38 | 101.1 | 28.57 |
| | 43 | 83.8 | 27.60 | 85.6 | 27.86 | 87.5 | 28.11 | 89.4 | 28.36 | 90.4 | 29.10 | 92.3 | 29.33 | 96.1 | 29.76 | 97.9 | 29.97 |
| | 46 | 81.1 | 28.86 | 83.0 | 29.14 | 84.8 | 29.41 | 86.7 | 29.66 | 87.5 | 30.46 | 89.3 | 30.70 | 93.0 | 31.16 | 94.9 | 31.39 |
| 108.4 (120%) | 10 | 80.4 | 14.93 | 87.5 | 16.12 | 94.5 | 17.31 | 101.4 | 18.51 | 108.2 | 19.41 | 111.1 | 19.47 | 116.4 | 19.41 | 119.0 | 19.39 |
| | 15 | 80.4 | 15.35 | 87.5 | 16.59 | 94.5 | 17.82 | 101.4 | 19.06 | 107.7 | 19.88 | 110.3 | 19.86 | 115.6 | 19.83 | 118.2 | 19.80 |
| | 21 | 80.4 | 16.17 | 87.5 | 17.47 | 94.5 | 18.78 | 101.4 | 20.08 | 106.2 | 20.62 | 108.7 | 20.61 | 113.9 | 20.59 | 116.5 | 20.57 |
| | 23 | 80.4 | 16.51 | 87.5 | 17.84 | 94.5 | 19.18 | 101.4 | 20.53 | 105.6 | 20.93 | 108.1 | 20.93 | 113.0 | 20.99 | 115.3 | 21.07 |
| | 25 | 80.4 | 16.91 | 87.5 | 18.27 | 94.5 | 19.65 | 101.3 | 20.97 | 104.8 | 21.33 | 107.0 | 21.45 | 111.4 | 21.74 | 113.6 | 21.87 |
| | 27 | 80.4 | 17.35 | 87.5 | 18.76 | 94.5 | 20.16 | 100.4 | 21.57 | 103.2 | 22.09 | 105.4 | 22.23 | 109.7 | 22.53 | 111.8 | 22.66 |
| | 30 | 80.4 | 18.10 | 87.5 | 19.57 | 94.5 | 21.72 | 98.3 | 22.71 | 100.8 | 23.26 | 102.8 | 23.43 | 107.0 | 23.75 | 109.1 | 23.91 |
| | 33 | 80.4 | 19.05 | 87.5 | 21.32 | 94.0 | 23.69 | 95.9 | 23.89 | 98.2 | 24.50 | 100.2 | 24.67 | 104.2 | 25.02 | 106.2 | 25.18 |
| | 35 | 80.4 | 20.15 | 87.5 | 22.75 | 92.4 | 24.49 | 94.4 | 24.71 | 96.4 | 25.35 | 98.5 | 25.55 | 102.4 | 25.92 | 104.3 | 26.10 |
| | 37 | 80.4 | 21.50 | 87.5 | 24.35 | 90.8 | 25.33 | 92.7 | 25.55 | 94.6 | 26.24 | 96.5 | 26.44 | 100.4 | 26.82 | 102.3 | 27.02 |
| | 40 | 80.4 | 23.80 | 86.4 | 26.35 | 88.3 | 26.59 | 90.1 | 26.82 | 91.8 | 27.59 | 93.6 | 27.79 | 97.5 | 28.21 | 99.4 | 28.40 |
| | 43 | 80.4 | 26.38 | 83.9 | 27.62 | 85.7 | 27.87 | 87.5 | 28.12 | 89.0 | 28.93 | 90.8 | 29.15 | 94.5 | 29.59 | 96.4 | 29.81 |
| | 46 | 79.5 | 28.63 | 81.4 | 28.90 | 83.1 | 29.16 | 84.9 | 29.42 | 86.1 | 30.28 | 87.9 | 30.52 | 91.6 | 30.99 | 93.3 | 31.22 |
| 99.4 (110%) | 10 | 73.8 | 13.77 | 80.2 | 14.87 | 86.6 | 15.97 | 93.0 | 17.07 | 99.4 | 17.93 | 107.8 | 19.35 | 113.4 | 19.45 | 116.0 | 19.42 |
| | 15 | 73.8 | 14.16 | 80.2 | 15.30 | 86.6 | 16.43 | 93.0 | 17.56 | 99.4 | 18.47 | 107.4 | 19.84 | 112.7 | 19.85 | 115.2 | 19.83 |
| | 21 | 73.8 | 14.91 | 80.2 | 16.11 | 86.6 | 17.31 | 93.0 | 18.51 | 99.4 | 19.51 | 106.1 | 20.62 | 111.1 | 20.61 | 113.6 | 20.59 |
| | 23 | 73.8 | 15.24 | 80.2 | 16.47 | 86.6 | 17.68 | 93.0 | 18.91 | 99.4 | 19.96 | 105.4 | 20.93 | 110.4 | 20.93 | 112.7 | 21.00 |
| | 25 | 73.8 | 15.60 | 80.2 | 16.86 | 86.6 | 18.10 | 93.0 | 19.37 | 99.4 | 20.47 | 104.7 | 21.32 | 109.0 | 21.58 | 111.3 | 21.71 |
| | 27 | 73.8 | 15.99 | 80.2 | 17.29 | 86.6 | 18.58 | 93.0 | 19.87 | 99.4 | 21.23 | 103.2 | 22.07 | 107.4 | 22.37 | 109.5 | 22.52 |
| | 30 | 73.8 | 16.68 | 80.2 | 18.04 | 86.6 | 19.39 | 93.0 | 21.24 | 98.7 | 23.09 | 100.7 | 23.26 | 104.8 | 23.60 | 106.9 | 23.74 |
| | 33 | 73.8 | 17.48 | 80.2 | 18.97 | 86.6 | 21.01 | 93.0 | 23.37 | 96.3 | 24.33 | 98.2 | 24.50 | 102.2 | 24.85 | 104.2 | 25.01 |
| | 35 | 73.8 | 18.12 | 80.2 | 20.05 | 86.6 | 22.42 | 92.1 | 24.44 | 94.6 | 25.17 | 96.5 | 25.37 | 100.4 | 25.74 | 102.4 | 25.92 |
| | 37 | 73.8 | 19.05 | 80.2 | 21.39 | 86.6 | 23.98 | 90.4 | 25.29 | 92.8 | 26.05 | 94.7 | 26.26 | 98.5 | 26.65 | 100.4 | 26.84 |
| | 40 | 73.8 | 20.99 | 80.2 | 23.67 | 86.2 | 26.32 | 88.0 | 26.55 | 90.1 | 27.38 | 92.0 | 27.61 | 95.7 | 28.02 | 97.6 | 28.21 |
| | 43 | 73.8 | 23.21 | 80.2 | 26.23 | 83.7 | 27.60 | 85.5 | 27.84 | 87.4 | 28.73 | 89.2 | 28.96 | 92.8 | 29.39 | 94.7 | 29.61 |
| | 46 | 73.8 | 25.70 | 79.5 | 28.61 | 81.2 | 28.89 | 83.0 | 29.14 | 84.6 | 30.09 | 86.4 | 30.32 | 89.9 | 30.79 | 91.7 | 31.02 |
| 90.4 (100%) | 10 | 67.1 | 12.63 | 73.0 | 13.63 | 78.7 | 14.62 | 84.6 | 15.63 | 90.4 | 16.40 | 98.1 | 17.69 | 110.1 | 19.47 | 112.6 | 19.46 |
| | 15 | 67.1 | 12.98 | 73.0 | 14.01 | 78.7 | 15.04 | 84.6 | 16.06 | 90.4 | 16.89 | 98.1 | 18.23 | 109.4 | 19.86 | 111.9 | 19.85 |
| | 21 | 67.1 | 13.65 | 73.0 | 14.75 | 78.7 | 15.84 | 84.6 | 16.92 | 90.4 | 17.84 | 98.1 | 19.26 | 107.9 | 20.62 | 110.3 | 20.61 |
| | 23 | 67.1 | 13.95 | 73.0 | 15.07 | 78.7 | 16.18 | 84.6 | 17.29 | 90.4 | 18.25 | 98.1 | 19.70 | 107.3 | 20.94 | 109.6 | 20.92 |
| | 25 | 67.1 | 14.27 | 73.0 | 15.42 | 78.7 | 16.56 | 84.6 | 17.70 | 90.4 | 18.71 | 98.1 | 20.20 | 106.3 | 21.40 | 108.4 | 21.54 |
| | 27 | 67.1 | 14.65 | 73.0 | 15.82 | 78.7 | 16.99 | 84.6 | 18.17 | 90.4 | 19.22 | 98.1 | 20.79 | 104.8 | 22.19 | 106.8 | 22.33 |
| | 30 | 67.1 | 15.27 | 73.0 | 16.50 | 78.7 | 17.73 | 84.6 | 18.95 | 90.4 | 20.27 | 98.1 | 22.89 | 102.3 | 23.39 | 104.4 | 23.56 |
| | 33 | 67.1 | 16.00 | 73.0 | 17.29 | 78.7 | 18.59 | 84.6 | 20.29 | 90.4 | 22.35 | 96.0 | 24.31 | 99.8 | 24.66 | 101.8 | 24.81 |
| | 35 | 67.1 | 16.56 | 73.0 | 17.92 | 78.7 | 19.54 | 84.6 | 21.64 | 90.4 | 23.90 | 94.4 | 25.15 | 98.1 | 25.53 | 100.1 | 25.71 |
| | 37 | 67.1 | 17.20 | 73.0 | 18.79 | 78.7 | 20.82 | 84.6 | 23.13 | 90.4 | 25.64 | 92.6 | 26.04 | 96.3 | 26.43 | 98.1 | 26.62 |
| | 40 | 67.1 | 18.51 | 73.0 | 20.65 | 78.7 | 23.04 | 84.6 | 25.63 | 88.2 | 27.16 | 90.0 | 27.37 | 93.6 | 27.79 | 95.5 | 27.98 |
| | 43 | 67.1 | 20.31 | 73.0 | 22.83 | 78.7 | 25.52 | 83.2 | 27.53 | 85.6 | 28.50 | 87.4 | 28.73 | 91.0 | 29.16 | 92.6 | 29.37 |
| | 46 | 67.1 | 22.43 | 73.0 | 25.26 | 78.7 | 28.30 | 80.7 | 28.81 | 82.9 | 29.85 | 84.6 | 30.09 | 88.1 | 30.56 | 89.8 | 30.78 |

MODEL SELECTION

| Cooling capacity at rated condition: 90.4 kW (32HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 81.3 (90%) | 10 | 60.4 | 11.47 | 65.6 | 12.37 | 70.9 | 13.27 | 76.2 | 14.17 | 81.3 | 14.88 | 88.3 | 16.05 | 102.1 | 18.37 | 108.5 | 19.44 |
| | 15 | 60.4 | 11.79 | 65.6 | 12.72 | 70.9 | 13.65 | 76.2 | 14.57 | 81.3 | 15.32 | 88.3 | 16.52 | 102.1 | 18.92 | 107.9 | 19.88 |
| | 21 | 60.4 | 12.41 | 65.6 | 13.39 | 70.9 | 14.37 | 76.2 | 15.34 | 81.3 | 16.17 | 88.3 | 17.44 | 102.1 | 20.00 | 106.6 | 20.62 |
| | 23 | 60.4 | 12.68 | 65.6 | 13.67 | 70.9 | 14.67 | 76.2 | 15.68 | 81.3 | 16.54 | 88.3 | 17.84 | 102.1 | 20.45 | 106.0 | 20.93 |
| | 25 | 60.4 | 12.96 | 65.6 | 14.00 | 70.9 | 15.02 | 76.2 | 16.05 | 81.3 | 16.95 | 88.3 | 18.29 | 102.1 | 20.96 | 105.2 | 21.34 |
| | 27 | 60.4 | 13.30 | 65.6 | 14.36 | 70.9 | 15.41 | 76.2 | 16.46 | 81.3 | 17.42 | 88.3 | 18.79 | 101.7 | 21.95 | 103.7 | 22.12 |
| | 30 | 60.4 | 13.86 | 65.6 | 14.96 | 70.9 | 16.07 | 76.2 | 17.17 | 81.3 | 18.20 | 88.3 | 19.67 | 99.5 | 23.16 | 101.5 | 23.32 |
| | 33 | 60.4 | 14.51 | 65.6 | 15.68 | 70.9 | 16.83 | 76.2 | 17.99 | 81.3 | 19.23 | 88.3 | 21.57 | 97.1 | 24.40 | 99.0 | 24.57 |
| | 35 | 60.4 | 15.02 | 65.6 | 16.23 | 70.9 | 17.45 | 76.2 | 18.77 | 81.3 | 20.45 | 88.3 | 23.04 | 95.5 | 25.27 | 97.3 | 25.45 |
| | 37 | 60.4 | 15.60 | 65.6 | 16.86 | 70.9 | 18.20 | 76.2 | 19.86 | 81.3 | 21.85 | 88.3 | 24.70 | 93.7 | 26.16 | 95.6 | 26.35 |
| | 40 | 60.4 | 16.57 | 65.6 | 18.06 | 70.9 | 19.83 | 76.2 | 21.95 | 81.3 | 24.24 | 87.6 | 27.10 | 91.3 | 27.52 | 93.0 | 27.72 |
| | 43 | 60.4 | 17.88 | 65.6 | 19.71 | 70.9 | 21.93 | 76.2 | 24.28 | 81.3 | 26.91 | 85.2 | 28.45 | 88.7 | 28.89 | 90.3 | 29.10 |
| | 46 | 60.4 | 19.49 | 65.6 | 21.77 | 70.9 | 24.25 | 76.2 | 26.90 | 80.9 | 29.56 | 82.6 | 29.80 | 85.9 | 30.27 | 87.7 | 30.48 |
| 72.3 (80%) | 10 | 53.6 | 10.33 | 58.4 | 11.13 | 63.0 | 11.92 | 67.7 | 12.72 | 72.3 | 13.35 | 78.4 | 14.38 | 90.7 | 16.45 | 96.8 | 17.49 |
| | 15 | 53.6 | 10.62 | 58.4 | 11.43 | 63.0 | 12.26 | 67.7 | 13.09 | 72.3 | 13.75 | 78.4 | 14.81 | 90.7 | 16.94 | 96.8 | 18.02 |
| | 21 | 53.6 | 11.15 | 58.4 | 12.02 | 63.0 | 12.90 | 67.7 | 13.77 | 72.3 | 14.50 | 78.4 | 15.64 | 90.7 | 17.90 | 96.8 | 19.03 |
| | 23 | 53.6 | 11.39 | 58.4 | 12.28 | 63.0 | 13.17 | 67.7 | 14.06 | 72.3 | 14.83 | 78.4 | 15.99 | 90.7 | 18.31 | 96.8 | 19.47 |
| | 25 | 53.6 | 11.66 | 58.4 | 12.56 | 63.0 | 13.48 | 67.7 | 14.40 | 72.3 | 15.19 | 78.4 | 16.39 | 90.7 | 18.76 | 96.8 | 19.96 |
| | 27 | 53.6 | 11.94 | 58.4 | 12.89 | 63.0 | 13.83 | 67.7 | 14.76 | 72.3 | 15.60 | 78.4 | 16.82 | 90.7 | 19.28 | 96.8 | 20.51 |
| | 30 | 53.6 | 12.45 | 58.4 | 13.42 | 63.0 | 14.42 | 67.7 | 15.39 | 72.3 | 16.31 | 78.4 | 17.59 | 90.7 | 20.36 | 96.8 | 22.45 |
| | 33 | 53.6 | 13.02 | 58.4 | 14.05 | 63.0 | 15.09 | 67.7 | 16.13 | 72.3 | 17.11 | 78.4 | 18.47 | 90.7 | 22.46 | 95.8 | 24.28 |
| | 35 | 53.6 | 13.48 | 58.4 | 14.56 | 63.0 | 15.63 | 67.7 | 16.70 | 72.3 | 17.74 | 78.4 | 19.40 | 90.7 | 24.02 | 94.2 | 25.13 |
| | 37 | 53.6 | 13.99 | 58.4 | 15.12 | 63.0 | 16.23 | 67.7 | 17.35 | 72.3 | 18.61 | 78.4 | 20.71 | 90.7 | 25.77 | 92.6 | 26.04 |
| | 40 | 53.6 | 14.86 | 58.4 | 16.06 | 63.0 | 17.25 | 67.7 | 18.70 | 72.3 | 20.43 | 78.4 | 22.97 | 88.4 | 27.18 | 90.1 | 27.38 |
| | 43 | 53.6 | 15.91 | 58.4 | 17.23 | 63.0 | 18.76 | 67.7 | 20.56 | 72.3 | 22.63 | 78.4 | 25.48 | 85.9 | 28.55 | 87.5 | 28.75 |
| | 46 | 53.6 | 17.11 | 58.4 | 18.75 | 63.0 | 20.58 | 67.7 | 22.71 | 72.3 | 25.08 | 78.4 | 28.28 | 83.4 | 29.91 | 85.1 | 30.14 |
| 63.2 (70%) | 10 | 46.9 | 9.18 | 51.0 | 9.88 | 55.2 | 10.59 | 59.2 | 11.28 | 63.2 | 11.82 | 68.7 | 12.73 | 79.4 | 14.55 | 84.7 | 15.45 |
| | 15 | 46.9 | 9.43 | 51.0 | 10.15 | 55.2 | 10.86 | 59.2 | 11.59 | 63.2 | 12.17 | 68.7 | 13.10 | 79.4 | 14.98 | 84.7 | 15.91 |
| | 21 | 46.9 | 9.91 | 51.0 | 10.67 | 55.2 | 11.42 | 59.2 | 12.19 | 63.2 | 12.83 | 68.7 | 13.83 | 79.4 | 15.81 | 84.7 | 16.80 |
| | 23 | 46.9 | 10.10 | 51.0 | 10.88 | 55.2 | 11.67 | 59.2 | 12.45 | 63.2 | 13.11 | 68.7 | 14.13 | 79.4 | 16.16 | 84.7 | 17.17 |
| | 25 | 46.9 | 10.34 | 51.0 | 11.14 | 55.2 | 11.94 | 59.2 | 12.73 | 63.2 | 13.43 | 68.7 | 14.49 | 79.4 | 16.56 | 84.7 | 17.60 |
| | 27 | 46.9 | 10.60 | 51.0 | 11.42 | 55.2 | 12.24 | 59.2 | 13.06 | 63.2 | 13.79 | 68.7 | 14.87 | 79.4 | 17.02 | 84.7 | 18.09 |
| | 30 | 46.9 | 11.03 | 51.0 | 11.89 | 55.2 | 12.75 | 59.2 | 13.61 | 63.2 | 14.41 | 68.7 | 15.53 | 79.4 | 17.78 | 84.7 | 18.91 |
| | 33 | 46.9 | 11.54 | 51.0 | 12.44 | 55.2 | 13.35 | 59.2 | 14.24 | 63.2 | 15.12 | 68.7 | 16.31 | 79.4 | 18.68 | 84.7 | 20.30 |
| | 35 | 46.9 | 11.94 | 51.0 | 12.89 | 55.2 | 13.82 | 59.2 | 14.76 | 63.2 | 15.67 | 68.7 | 16.90 | 79.4 | 19.72 | 84.7 | 21.68 |
| | 37 | 46.9 | 12.39 | 51.0 | 13.36 | 55.2 | 14.34 | 59.2 | 15.32 | 63.2 | 16.29 | 68.7 | 17.56 | 79.4 | 21.07 | 84.7 | 23.21 |
| | 40 | 46.9 | 13.14 | 51.0 | 14.19 | 55.2 | 15.24 | 59.2 | 16.27 | 63.2 | 17.35 | 68.7 | 19.02 | 79.4 | 23.36 | 84.7 | 25.78 |
| | 43 | 46.9 | 14.06 | 51.0 | 15.18 | 55.2 | 16.31 | 59.2 | 17.50 | 63.2 | 18.89 | 68.7 | 21.03 | 79.4 | 25.92 | 84.3 | 28.33 |
| | 46 | 46.9 | 15.12 | 51.0 | 16.33 | 55.2 | 17.62 | 59.2 | 19.06 | 63.2 | 20.80 | 68.7 | 23.26 | 79.4 | 28.79 | 81.9 | 29.71 |
| 54.2 (60%) | 10 | 40.3 | 8.03 | 43.7 | 8.63 | 47.2 | 9.23 | 50.8 | 9.83 | 54.2 | 10.31 | 58.8 | 11.07 | 68.1 | 12.62 | 72.6 | 13.41 |
| | 15 | 40.3 | 8.25 | 43.7 | 8.86 | 47.2 | 9.48 | 50.8 | 10.09 | 54.2 | 10.59 | 58.8 | 11.39 | 68.1 | 13.00 | 72.6 | 13.80 |
| | 21 | 40.3 | 8.65 | 43.7 | 9.30 | 47.2 | 9.95 | 50.8 | 10.61 | 54.2 | 11.16 | 58.8 | 12.01 | 68.1 | 13.70 | 72.6 | 14.56 |
| | 23 | 40.3 | 8.83 | 43.7 | 9.50 | 47.2 | 10.17 | 50.8 | 10.84 | 54.2 | 11.40 | 58.8 | 12.28 | 68.1 | 14.01 | 72.6 | 14.89 |
| | 25 | 40.3 | 9.03 | 43.7 | 9.71 | 47.2 | 10.40 | 50.8 | 11.08 | 54.2 | 11.67 | 58.8 | 12.58 | 68.1 | 14.36 | 72.6 | 15.25 |
| | 27 | 40.3 | 9.24 | 43.7 | 9.95 | 47.2 | 10.66 | 50.8 | 11.36 | 54.2 | 11.99 | 58.8 | 12.90 | 68.1 | 14.75 | 72.6 | 15.66 |
| | 30 | 40.3 | 9.62 | 43.7 | 10.35 | 47.2 | 11.09 | 50.8 | 11.83 | 54.2 | 12.51 | 58.8 | 13.48 | 68.1 | 15.40 | 72.6 | 16.36 |
| | 33 | 40.3 | 10.05 | 43.7 | 10.82 | 47.2 | 11.61 | 50.8 | 12.38 | 54.2 | 13.11 | 58.8 | 14.12 | 68.1 | 16.16 | 72.6 | 17.18 |
| | 35 | 40.3 | 10.40 | 43.7 | 11.21 | 47.2 | 12.01 | 50.8 | 12.82 | 54.2 | 13.60 | 58.8 | 14.65 | 68.1 | 16.77 | 72.6 | 17.81 |
| | 37 | 40.3 | 10.78 | 43.7 | 11.61 | 47.2 | 12.45 | 50.8 | 13.29 | 54.2 | 14.12 | 58.8 | 15.22 | 68.1 | 17.42 | 72.6 | 18.70 |
| | 40 | 40.3 | 11.44 | 43.7 | 12.32 | 47.2 | 13.22 | 50.8 | 14.11 | 54.2 | 15.02 | 58.8 | 16.19 | 68.1 | 18.84 | 72.6 | 20.56 |
| | 43 | 40.3 | 12.21 | 43.7 | 13.18 | 47.2 | 14.15 | 50.8 | 15.10 | 54.2 | 16.09 | 58.8 | 17.41 | 68.1 | 20.77 | 72.6 | 22.77 |
| | 46 | 40.3 | 13.12 | 43.7 | 14.16 | 47.2 | 15.20 | 50.8 | 16.24 | 54.2 | 17.36 | 58.8 | 19.00 | 68.1 | 22.98 | 72.6 | 25.23 |
| 45.2 (50%) | 10 | 33.5 | 6.88 | 36.4 | 7.38 | 39.4 | 7.89 | 42.3 | 8.38 | 45.2 | 8.77 | 49.0 | 9.42 | 56.7 | 10.71 | 60.5 | 11.36 |
| | 15 | 33.5 | 7.06 | 36.4 | 7.58 | 39.4 | 8.08 | 42.3 | 8.61 | 45.2 | 9.02 | 49.0 | 9.69 | 56.7 | 11.02 | 60.5 | 11.68 |
| | 21 | 33.5 | 7.40 | 36.4 | 7.94 | 39.4 | 8.49 | 42.3 | 9.04 | 45.2 | 9.49 | 49.0 | 10.20 | 56.7 | 11.61 | 60.5 | 12.33 |
| | 23 | 33.5 | 7.54 | 36.4 | 8.10 | 39.4 | 8.67 | 42.3 | 9.21 | 45.2 | 9.70 | 49.0 | 10.43 | 56.7 | 11.87 | 60.5 | 12.60 |
| | 25 | 33.5 | 7.71 | 36.4 | 8.28 | 39.4 | 8.86 | 42.3 | 9.43 | 45.2 | 9.92 | 49.0 | 10.66 | 56.7 | 12.16 | 60.5 | 12.90 |
| | 27 | 33.5 | 7.89 | 36.4 | 8.48 | 39.4 | 9.07 | 42.3 | 9.65 | 45.2 | 10.17 | 49.0 | 10.94 | 56.7 | 12.49 | 60.5 | 13.25 |
| | 30 | 33.5 | 8.21 | 36.4 | 8.83 | 39.4 | 9.44 | 42.3 | 10.05 | 45.2 | 10.62 | 49.0 | 11.43 | 56.7 | 13.02 | 60.5 | 13.82 |
| | 33 | 33.5 | 8.56 | 36.4 | 9.22 | 39.4 | 9.85 | 42.3 | 10.51 | 45.2 | 11.12 | 49.0 | 11.96 | 56.7 | 13.66 | 60.5 | 14.51 |
| | 35 | 33.5 | 8.86 | 36.4 | 9.52 | 39.4 | 10.20 | 42.3 | 10.87 | 45.2 | 11.52 | 49.0 | 12.40 | 56.7 | 14.16 | 60.5 | 15.03 |
| | 37 | 33.5 | 9.18 | 36.4 | 9.88 | 39.4 | 10.58 | 42.3 | 11.28 | 45.2 | 11.96 | 49.0 | 12.87 | 56.7 | 14.70 | 60.5 | 15.62 |
| | 40 | 33.5 | 9.71 | 36.4 | 10.47 | 39.4 | 11.21 | 42.3 | 11.95 | 45.2 | 12.70 | 49.0 | 13.69 | 56.7 | 15.64 | 60.5 | 16.63 |
| | 43 | 33.5 | 10.37 | 36.4 | 11.18 | 39.4 | 11.98 | 42.3 | 12.78 | 45.2 | 13.61 | 49.0 | 14.66 | 56.7 | 16.76 | 60.5 | 17.97 |
| | 46 | 33.5 | 11.12 | 36.4 | 11.98 | 39.4 | 12.86 | 42.3 | 13.72 | 45.2 | 14.62 | 49.0 | 15.78 | 56.7 | 18.23 | 60.5 | 19.61 |

# ■ Model: AJ∗306GALDHH

| Cooling capacity at rated condition: 96.0kW (34HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 144.0 (150%) | 10 | 106.9 | 19.63 | 113.8 | 20.66 | 116.6 | 20.67 | 119.4 | 20.68 | 122.2 | 20.75 | 125.2 | 20.73 | 131.1 | 20.63 | 134.2 | 20.57 |
| | 15 | 106.9 | 20.20 | 113.1 | 21.07 | 115.9 | 21.09 | 118.7 | 21.10 | 121.2 | 21.18 | 124.1 | 21.16 | 130.1 | 21.08 | 133.2 | 21.03 |
| | 21 | 106.9 | 21.29 | 111.5 | 21.82 | 114.2 | 21.84 | 117.0 | 21.88 | 119.4 | 22.02 | 122.3 | 21.98 | 127.8 | 21.99 | 130.7 | 22.05 |
| | 23 | 106.9 | 21.77 | 110.8 | 22.14 | 113.6 | 22.18 | 116.3 | 22.20 | 118.5 | 22.39 | 121.1 | 22.45 | 126.2 | 22.72 | 128.8 | 22.83 |
| | 25 | 106.9 | 22.30 | 110.1 | 22.50 | 112.7 | 22.62 | 115.1 | 22.80 | 116.9 | 23.13 | 119.3 | 23.28 | 124.3 | 23.56 | 126.7 | 23.70 |
| | 27 | 106.2 | 23.04 | 108.6 | 23.22 | 111.0 | 23.43 | 113.4 | 23.61 | 115.0 | 23.97 | 117.4 | 24.12 | 122.2 | 24.41 | 124.5 | 24.56 |
| | 30 | 103.9 | 24.24 | 106.2 | 24.45 | 108.5 | 24.65 | 110.9 | 24.86 | 112.1 | 25.27 | 114.3 | 25.43 | 119.0 | 25.77 | 121.3 | 25.92 |
| | 33 | 101.3 | 25.49 | 103.6 | 25.71 | 105.7 | 25.93 | 108.0 | 26.15 | 109.1 | 26.60 | 111.4 | 26.78 | 115.8 | 27.15 | 118.1 | 27.32 |
| | 35 | 99.5 | 26.34 | 101.8 | 26.58 | 103.9 | 26.83 | 106.2 | 27.05 | 107.0 | 27.55 | 109.3 | 27.75 | 113.7 | 28.14 | 115.8 | 28.34 |
| | 37 | 97.7 | 27.23 | 99.8 | 27.47 | 102.1 | 27.74 | 104.2 | 27.96 | 104.9 | 28.52 | 107.2 | 28.72 | 111.3 | 29.13 | 113.6 | 29.33 |
| | 40 | 94.9 | 28.59 | 97.0 | 28.84 | 99.0 | 29.11 | 101.1 | 29.36 | 101.7 | 29.97 | 103.8 | 30.20 | 108.1 | 30.64 | 110.1 | 30.84 |
| | 43 | 91.9 | 29.94 | 93.9 | 30.22 | 96.0 | 30.49 | 98.2 | 30.76 | 98.5 | 31.45 | 100.6 | 31.68 | 104.6 | 32.14 | 106.7 | 32.37 |
| | 46 | 89.1 | 31.32 | 91.1 | 31.62 | 93.1 | 31.90 | 95.1 | 32.17 | 95.2 | 32.91 | 97.2 | 33.17 | 101.2 | 33.65 | 103.2 | 33.90 |
| 134.4 (140%) | 10 | 99.7 | 18.38 | 108.4 | 19.89 | 114.2 | 20.66 | 116.9 | 20.67 | 120.1 | 20.78 | 123.0 | 20.75 | 128.8 | 20.68 | 131.8 | 20.63 |
| | 15 | 99.7 | 18.93 | 108.4 | 20.48 | 113.4 | 21.08 | 116.2 | 21.09 | 119.2 | 21.20 | 122.0 | 21.18 | 127.9 | 21.11 | 130.8 | 21.06 |
| | 21 | 99.7 | 19.96 | 108.4 | 21.58 | 111.8 | 21.83 | 114.6 | 21.86 | 117.4 | 22.02 | 120.3 | 22.00 | 125.9 | 21.97 | 128.7 | 22.01 |
| | 23 | 99.7 | 20.39 | 108.4 | 22.04 | 111.2 | 22.14 | 113.9 | 22.18 | 116.7 | 22.36 | 119.4 | 22.42 | 124.4 | 22.62 | 126.8 | 22.74 |
| | 25 | 99.7 | 20.88 | 108.0 | 22.47 | 110.4 | 22.51 | 113.0 | 22.65 | 115.2 | 23.01 | 117.6 | 23.18 | 122.4 | 23.46 | 124.9 | 23.60 |
| | 27 | 99.7 | 21.44 | 106.6 | 23.08 | 109.0 | 23.26 | 111.4 | 23.46 | 113.4 | 23.85 | 115.8 | 24.02 | 120.5 | 24.31 | 122.9 | 24.46 |
| | 30 | 99.7 | 23.02 | 104.4 | 24.28 | 106.6 | 24.47 | 108.9 | 24.69 | 110.6 | 25.15 | 112.9 | 25.33 | 117.4 | 25.66 | 119.7 | 25.81 |
| | 33 | 99.5 | 25.27 | 101.9 | 25.54 | 104.0 | 25.76 | 106.3 | 25.98 | 107.7 | 26.49 | 109.8 | 26.66 | 114.4 | 27.04 | 116.5 | 27.22 |
| | 35 | 97.8 | 26.16 | 100.1 | 26.39 | 102.2 | 26.63 | 104.3 | 26.87 | 105.6 | 27.42 | 107.9 | 27.63 | 112.1 | 28.01 | 114.4 | 28.21 |
| | 37 | 96.1 | 27.05 | 98.1 | 27.30 | 100.4 | 27.54 | 102.5 | 27.79 | 103.6 | 28.39 | 105.8 | 28.60 | 110.0 | 29.01 | 112.2 | 29.21 |
| | 40 | 93.3 | 28.40 | 95.3 | 28.65 | 97.4 | 28.92 | 99.6 | 29.16 | 100.5 | 29.84 | 102.5 | 30.06 | 106.8 | 30.49 | 108.8 | 30.72 |
| | 43 | 90.5 | 29.75 | 92.5 | 30.02 | 94.6 | 30.30 | 96.6 | 30.57 | 97.3 | 31.30 | 99.3 | 31.54 | 103.3 | 32.00 | 105.6 | 32.23 |
| | 46 | 87.7 | 31.12 | 89.7 | 31.40 | 91.5 | 31.70 | 93.5 | 31.97 | 94.1 | 32.78 | 96.1 | 33.02 | 100.1 | 33.53 | 102.1 | 33.76 |
| 124.8 (130%) | 10 | 92.6 | 17.16 | 100.7 | 18.56 | 108.7 | 19.95 | 114.1 | 20.66 | 117.8 | 20.80 | 120.6 | 20.78 | 126.3 | 20.71 | 129.3 | 20.66 |
| | 15 | 92.6 | 17.65 | 100.7 | 19.09 | 108.7 | 20.52 | 113.4 | 21.08 | 116.9 | 21.22 | 119.6 | 21.20 | 125.5 | 21.16 | 128.3 | 21.11 |
| | 21 | 92.6 | 18.60 | 100.7 | 20.11 | 108.7 | 21.64 | 111.8 | 21.83 | 115.2 | 22.03 | 117.9 | 22.02 | 123.5 | 21.98 | 126.4 | 21.96 |
| | 23 | 92.6 | 19.02 | 100.7 | 20.56 | 108.5 | 22.07 | 111.4 | 22.14 | 114.5 | 22.36 | 117.2 | 22.37 | 122.4 | 22.49 | 124.8 | 22.63 |
| | 25 | 92.6 | 19.48 | 100.7 | 21.06 | 108.0 | 22.47 | 110.7 | 22.52 | 113.4 | 22.90 | 115.8 | 23.05 | 120.6 | 23.36 | 122.9 | 23.50 |
| | 27 | 92.6 | 19.98 | 100.7 | 21.62 | 106.9 | 23.08 | 109.2 | 23.26 | 111.6 | 23.74 | 114.0 | 23.89 | 118.5 | 24.20 | 120.9 | 24.35 |
| | 30 | 92.6 | 20.85 | 100.7 | 23.34 | 104.5 | 24.29 | 106.8 | 24.50 | 108.9 | 25.03 | 111.2 | 25.19 | 115.6 | 25.53 | 118.0 | 25.70 |
| | 33 | 92.6 | 22.69 | 99.9 | 25.33 | 102.0 | 25.55 | 104.3 | 25.77 | 106.1 | 26.36 | 108.3 | 26.54 | 112.7 | 26.88 | 114.8 | 27.08 |
| | 35 | 92.6 | 24.21 | 98.2 | 26.18 | 100.2 | 26.42 | 102.5 | 26.66 | 104.1 | 27.28 | 106.3 | 27.49 | 110.6 | 27.88 | 112.7 | 28.06 |
| | 37 | 92.6 | 25.91 | 96.4 | 27.09 | 98.4 | 27.33 | 100.5 | 27.58 | 102.1 | 28.23 | 104.2 | 28.46 | 108.5 | 28.85 | 110.6 | 29.05 |
| | 40 | 91.6 | 28.17 | 93.6 | 28.44 | 95.7 | 28.69 | 97.7 | 28.95 | 99.1 | 29.69 | 101.1 | 29.92 | 105.2 | 30.36 | 107.4 | 30.56 |
| | 43 | 88.9 | 29.54 | 90.9 | 29.81 | 92.9 | 30.07 | 94.9 | 30.34 | 96.0 | 31.14 | 98.0 | 31.38 | 102.0 | 31.84 | 104.0 | 32.07 |
| | 46 | 86.1 | 30.89 | 88.1 | 31.19 | 90.1 | 31.47 | 92.1 | 31.74 | 92.9 | 32.60 | 94.8 | 32.86 | 98.8 | 33.35 | 100.8 | 33.60 |
| 115.2 (120%) | 10 | 85.4 | 15.94 | 92.9 | 17.22 | 100.4 | 18.49 | 107.7 | 19.78 | 114.9 | 20.74 | 117.9 | 20.80 | 123.5 | 20.73 | 126.3 | 20.71 |
| | 15 | 85.4 | 16.39 | 92.9 | 17.72 | 100.4 | 19.04 | 107.7 | 20.37 | 114.4 | 21.24 | 117.1 | 21.22 | 122.7 | 21.18 | 125.5 | 21.14 |
| | 21 | 85.4 | 17.27 | 92.9 | 18.67 | 100.4 | 20.07 | 107.7 | 21.46 | 112.8 | 22.03 | 115.4 | 22.03 | 120.9 | 22.00 | 123.7 | 21.98 |
| | 23 | 85.4 | 17.63 | 92.9 | 19.06 | 100.4 | 20.50 | 107.7 | 21.95 | 112.1 | 22.37 | 114.7 | 22.36 | 120.0 | 22.43 | 122.4 | 22.49 |
| | 25 | 85.4 | 18.06 | 92.9 | 19.52 | 100.4 | 21.01 | 107.5 | 22.42 | 111.3 | 22.79 | 113.7 | 22.91 | 118.3 | 23.22 | 120.6 | 23.36 |
| | 27 | 85.4 | 18.54 | 92.9 | 20.05 | 100.4 | 21.55 | 106.6 | 23.05 | 109.6 | 23.61 | 112.0 | 23.75 | 116.5 | 24.07 | 118.8 | 24.21 |
| | 30 | 85.4 | 19.35 | 92.9 | 20.92 | 100.4 | 23.23 | 104.4 | 24.28 | 107.0 | 24.86 | 109.2 | 25.04 | 113.6 | 25.38 | 115.9 | 25.55 |
| | 33 | 85.4 | 20.37 | 92.9 | 22.80 | 99.9 | 25.33 | 101.9 | 25.54 | 104.3 | 26.19 | 106.4 | 26.37 | 110.7 | 26.74 | 112.8 | 26.91 |
| | 35 | 85.4 | 21.56 | 92.9 | 24.33 | 98.1 | 26.18 | 100.2 | 26.42 | 102.4 | 27.11 | 104.6 | 27.32 | 108.7 | 27.71 | 110.7 | 27.89 |
| | 37 | 85.4 | 23.00 | 92.9 | 26.05 | 96.4 | 27.09 | 98.4 | 27.33 | 100.4 | 28.06 | 102.5 | 28.27 | 106.6 | 28.68 | 108.6 | 28.89 |
| | 40 | 85.4 | 25.46 | 91.7 | 28.19 | 93.7 | 28.44 | 95.7 | 28.69 | 97.5 | 29.52 | 99.4 | 29.73 | 103.5 | 30.17 | 105.5 | 30.37 |
| | 43 | 85.4 | 28.23 | 89.1 | 29.55 | 91.1 | 29.82 | 92.9 | 30.09 | 94.5 | 30.95 | 96.5 | 31.19 | 100.3 | 31.66 | 102.3 | 31.89 |
| | 46 | 84.4 | 30.65 | 86.4 | 30.93 | 88.3 | 31.20 | 90.1 | 31.48 | 91.5 | 32.41 | 93.4 | 32.67 | 97.2 | 33.17 | 99.1 | 33.42 |
| 105.6 (110%) | 10 | 78.4 | 14.69 | 85.1 | 15.87 | 91.9 | 17.05 | 98.8 | 18.23 | 105.6 | 19.15 | 114.5 | 20.68 | 120.3 | 20.78 | 123.1 | 20.75 |
| | 15 | 78.4 | 15.11 | 85.1 | 16.33 | 91.9 | 17.55 | 98.8 | 18.76 | 105.6 | 19.74 | 114.1 | 21.20 | 119.6 | 21.20 | 122.3 | 21.18 |
| | 21 | 78.4 | 15.92 | 85.1 | 17.21 | 91.9 | 18.49 | 98.8 | 19.78 | 105.6 | 20.85 | 112.6 | 22.03 | 117.9 | 22.02 | 120.6 | 22.00 |
| | 23 | 78.4 | 16.27 | 85.1 | 17.59 | 91.9 | 18.89 | 98.8 | 20.21 | 105.6 | 21.34 | 111.9 | 22.37 | 117.2 | 22.37 | 119.7 | 22.43 |
| | 25 | 78.4 | 16.66 | 85.1 | 18.01 | 91.9 | 19.34 | 98.8 | 20.70 | 105.6 | 21.88 | 111.1 | 22.78 | 115.8 | 23.05 | 118.2 | 23.19 |
| | 27 | 78.4 | 17.08 | 85.1 | 18.47 | 91.9 | 19.86 | 98.8 | 21.25 | 105.6 | 22.70 | 109.6 | 23.58 | 114.1 | 23.90 | 116.2 | 24.06 |
| | 30 | 78.4 | 17.82 | 85.1 | 19.28 | 91.9 | 20.72 | 98.8 | 22.72 | 104.8 | 24.68 | 106.9 | 24.86 | 111.3 | 25.22 | 113.6 | 25.37 |
| | 33 | 78.4 | 18.67 | 85.1 | 20.28 | 91.9 | 22.47 | 98.8 | 25.00 | 102.2 | 26.01 | 104.3 | 26.19 | 108.5 | 26.56 | 110.7 | 26.73 |
| | 35 | 78.4 | 19.36 | 85.1 | 21.45 | 91.9 | 23.98 | 97.8 | 26.13 | 100.4 | 26.91 | 102.5 | 27.12 | 106.6 | 27.51 | 108.7 | 27.71 |
| | 37 | 78.4 | 20.37 | 85.1 | 22.88 | 91.9 | 25.65 | 96.0 | 27.05 | 98.5 | 27.86 | 100.5 | 28.09 | 104.6 | 28.50 | 106.6 | 28.69 |
| | 40 | 78.4 | 22.46 | 85.1 | 25.32 | 91.6 | 28.16 | 93.4 | 28.40 | 95.7 | 29.29 | 97.7 | 29.53 | 101.7 | 29.97 | 103.7 | 30.17 |
| | 43 | 78.4 | 24.84 | 85.1 | 28.08 | 88.9 | 29.54 | 90.8 | 29.79 | 92.8 | 30.75 | 94.8 | 30.99 | 98.6 | 31.45 | 100.6 | 31.68 |
| | 46 | 78.4 | 27.52 | 84.4 | 30.62 | 86.3 | 30.92 | 88.1 | 31.19 | 89.9 | 32.21 | 91.8 | 32.45 | 95.5 | 32.95 | 97.4 | 33.20 |
| 96.0 (100%) | 10 | 71.3 | 13.47 | 77.5 | 14.54 | 83.6 | 15.61 | 89.8 | 16.69 | 96.0 | 17.51 | 104.2 | 18.90 | 116.8 | 20.80 | 119.5 | 20.78 |
| | 15 | 71.3 | 13.85 | 77.5 | 14.94 | 83.6 | 16.05 | 89.8 | 17.15 | 96.0 | 18.04 | 104.2 | 19.47 | 116.1 | 21.22 | 118.8 | 21.20 |
| | 21 | 71.3 | 14.56 | 77.5 | 15.74 | 83.6 | 16.92 | 89.8 | 18.07 | 96.0 | 19.06 | 104.2 | 20.59 | 114.6 | 22.03 | 117.1 | 22.02 |
| | 23 | 71.3 | 14.88 | 77.5 | 16.09 | 83.6 | 17.28 | 89.8 | 18.48 | 96.0 | 19.51 | 104.2 | 21.06 | 113.9 | 22.38 | 116.4 | 22.36 |
| | 25 | 71.3 | 15.23 | 77.5 | 16.47 | 83.6 | 17.69 | 89.8 | 18.91 | 96.0 | 19.99 | 104.2 | 21.59 | 112.8 | 22.86 | 115.1 | 23.01 |
| | 27 | 71.3 | 15.64 | 77.5 | 16.90 | 83.6 | 18.15 | 89.8 | 19.41 | 96.0 | 20.54 | 104.2 | 22.22 | 111.3 | 23.71 | 113.4 | 23.85 |
| | 30 | 71.3 | 16.31 | 77.5 | 17.63 | 83.6 | 18.95 | 89.8 | 20.25 | 96.0 | 21.67 | 104.2 | 24.48 | 108.6 | 25.00 | 110.9 | 25.18 |
| | 33 | 71.3 | 17.09 | 77.5 | 18.48 | 83.6 | 19.87 | 89.8 | 21.70 | 96.0 | 23.91 | 102.0 | 25.99 | 106.0 | 26.36 | 108.1 | 26.51 |
| | 35 | 71.3 | 17.69 | 77.5 | 19.15 | 83.6 | 20.90 | 89.8 | 23.15 | 96.0 | 25.56 | 100.2 | 26.90 | 104.2 | 27.29 | 106.3 | 27.49 |
| | 37 | 71.3 | 18.37 | 77.5 | 20.09 | 83.6 | 22.26 | 89.8 | 24.74 | 96.0 | 27.43 | 98.4 | 27.85 | 102.2 | 28.26 | 104.2 | 28.47 |
| | 40 | 71.3 | 19.79 | 77.5 | 22.09 | 83.6 | 24.65 | 89.8 | 27.42 | 93.6 | 29.05 | 95.6 | 29.28 | 99.4 | 29.73 | 101.4 | 29.93 |
| | 43 | 71.3 | 21.74 | 77.5 | 24.43 | 83.6 | 27.31 | 88.4 | 29.46 | 90.8 | 30.49 | 92.8 | 30.75 | 96.6 | 31.21 | 98.3 | 31.42 |
| | 46 | 71.3 | 24.01 | 77.5 | 27.04 | 83.6 | 30.30 | 85.7 | 30.84 | 88.0 | 31.95 | 89.8 | 32.21 | 93.5 | 32.71 | 95.4 | 32.94 |

MODEL SELECTION

| Cooling capacity at rated condition: 96.0kW (34HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 86.4 (90%) | 10 | 64.1 | 12.22 | 69.6 | 13.19 | 75.2 | 14.15 | 80.9 | 15.12 | 86.4 | 15.89 | 93.7 | 17.14 | 108.4 | 19.62 | 115.2 | 20.77 |
| | 15 | 64.1 | 12.57 | 69.6 | 13.57 | 75.2 | 14.57 | 80.9 | 15.55 | 86.4 | 16.35 | 93.7 | 17.64 | 108.4 | 20.22 | 114.6 | 21.24 |
| | 21 | 64.1 | 13.23 | 69.6 | 14.28 | 75.2 | 15.34 | 80.9 | 16.38 | 86.4 | 17.27 | 93.7 | 18.63 | 108.4 | 21.38 | 113.2 | 22.03 |
| | 23 | 64.1 | 13.52 | 69.6 | 14.59 | 75.2 | 15.66 | 80.9 | 16.74 | 86.4 | 17.66 | 93.7 | 19.06 | 108.4 | 21.87 | 112.6 | 22.37 |
| | 25 | 64.1 | 13.83 | 69.6 | 14.94 | 75.2 | 16.04 | 80.9 | 17.15 | 86.4 | 18.11 | 93.7 | 19.55 | 108.4 | 22.41 | 111.7 | 22.80 |
| | 27 | 64.1 | 14.19 | 69.6 | 15.33 | 75.2 | 16.46 | 80.9 | 17.58 | 86.4 | 18.61 | 93.7 | 20.08 | 108.0 | 23.46 | 110.1 | 23.63 |
| | 30 | 64.1 | 14.79 | 69.6 | 15.97 | 75.2 | 17.17 | 80.9 | 18.35 | 86.4 | 19.44 | 93.7 | 21.02 | 105.6 | 24.76 | 107.8 | 24.93 |
| | 33 | 64.1 | 15.49 | 69.6 | 16.74 | 75.2 | 17.98 | 80.9 | 19.23 | 86.4 | 20.56 | 93.7 | 23.07 | 103.1 | 26.09 | 105.1 | 26.27 |
| | 35 | 64.1 | 16.04 | 69.6 | 17.33 | 75.2 | 18.65 | 80.9 | 20.06 | 86.4 | 21.87 | 93.7 | 24.64 | 101.5 | 27.02 | 103.3 | 27.21 |
| | 37 | 64.1 | 16.65 | 69.6 | 18.01 | 75.2 | 19.46 | 80.9 | 21.24 | 86.4 | 23.37 | 93.7 | 26.42 | 99.5 | 27.98 | 101.5 | 28.18 |
| | 40 | 64.1 | 17.69 | 69.6 | 19.31 | 75.2 | 21.21 | 80.9 | 23.49 | 86.4 | 25.93 | 93.0 | 29.00 | 97.0 | 29.44 | 98.7 | 29.65 |
| | 43 | 64.1 | 19.11 | 69.6 | 21.09 | 75.2 | 23.47 | 80.9 | 25.99 | 86.4 | 28.80 | 90.5 | 30.44 | 94.2 | 30.91 | 95.9 | 31.14 |
| | 46 | 64.1 | 20.86 | 69.6 | 23.31 | 75.2 | 25.96 | 80.9 | 28.80 | 85.9 | 31.64 | 87.7 | 31.90 | 91.2 | 32.40 | 93.1 | 32.63 |
| 76.8 (80%) | 10 | 56.9 | 11.00 | 62.0 | 11.86 | 66.9 | 12.71 | 71.9 | 13.57 | 76.8 | 14.24 | 83.3 | 15.35 | 96.3 | 17.57 | 102.8 | 18.68 |
| | 15 | 56.9 | 11.31 | 62.0 | 12.18 | 66.9 | 13.07 | 71.9 | 13.96 | 76.8 | 14.67 | 83.3 | 15.81 | 96.3 | 18.10 | 102.8 | 19.25 |
| | 21 | 56.9 | 11.88 | 62.0 | 12.81 | 66.9 | 13.76 | 71.9 | 14.70 | 76.8 | 15.48 | 83.3 | 16.70 | 96.3 | 19.13 | 102.8 | 20.34 |
| | 23 | 56.9 | 12.13 | 62.0 | 13.09 | 66.9 | 14.05 | 71.9 | 15.01 | 76.8 | 15.83 | 83.3 | 17.08 | 96.3 | 19.56 | 102.8 | 20.81 |
| | 25 | 56.9 | 12.43 | 62.0 | 13.40 | 66.9 | 14.38 | 71.9 | 15.37 | 76.8 | 16.22 | 83.3 | 17.51 | 96.3 | 20.05 | 102.8 | 21.34 |
| | 27 | 56.9 | 12.73 | 62.0 | 13.75 | 66.9 | 14.76 | 71.9 | 15.76 | 76.8 | 16.66 | 83.3 | 17.97 | 96.3 | 20.61 | 102.8 | 21.93 |
| | 30 | 56.9 | 13.28 | 62.0 | 14.32 | 66.9 | 15.39 | 71.9 | 16.43 | 76.8 | 17.42 | 83.3 | 18.79 | 96.3 | 21.77 | 102.8 | 24.00 |
| | 33 | 56.9 | 13.89 | 62.0 | 14.99 | 66.9 | 16.12 | 71.9 | 17.23 | 76.8 | 18.28 | 83.3 | 19.74 | 96.3 | 24.02 | 101.7 | 25.96 |
| | 35 | 56.9 | 14.39 | 62.0 | 15.54 | 66.9 | 16.69 | 71.9 | 17.84 | 76.8 | 18.95 | 83.3 | 20.75 | 96.3 | 25.69 | 100.1 | 26.87 |
| | 37 | 56.9 | 14.93 | 62.0 | 16.14 | 66.9 | 17.33 | 71.9 | 18.54 | 76.8 | 19.90 | 83.3 | 22.15 | 96.3 | 27.56 | 98.4 | 27.85 |
| | 40 | 56.9 | 15.86 | 62.0 | 17.15 | 66.9 | 18.43 | 71.9 | 20.00 | 76.8 | 21.86 | 83.3 | 24.58 | 93.9 | 29.08 | 95.7 | 29.29 |
| | 43 | 56.9 | 16.98 | 62.0 | 18.41 | 66.9 | 20.06 | 71.9 | 22.00 | 76.8 | 24.22 | 83.3 | 27.27 | 91.2 | 30.55 | 92.9 | 30.76 |
| | 46 | 56.9 | 18.27 | 62.0 | 20.05 | 66.9 | 22.03 | 71.9 | 24.31 | 76.8 | 26.85 | 83.3 | 30.28 | 88.5 | 32.02 | 90.4 | 32.26 |
| 67.2 (70%) | 10 | 49.8 | 9.77 | 54.2 | 10.52 | 58.6 | 11.28 | 62.8 | 12.01 | 67.2 | 12.60 | 73.0 | 13.57 | 84.3 | 15.53 | 89.9 | 16.50 |
| | 15 | 49.8 | 10.03 | 54.2 | 10.81 | 58.6 | 11.57 | 62.8 | 12.35 | 67.2 | 12.98 | 73.0 | 13.98 | 84.3 | 15.99 | 89.9 | 16.99 |
| | 21 | 49.8 | 10.55 | 54.2 | 11.37 | 58.6 | 12.17 | 62.8 | 12.99 | 67.2 | 13.69 | 73.0 | 14.76 | 84.3 | 16.88 | 89.9 | 17.95 |
| | 23 | 49.8 | 10.76 | 54.2 | 11.59 | 58.6 | 12.44 | 62.8 | 13.27 | 67.2 | 13.98 | 73.0 | 15.08 | 84.3 | 17.26 | 89.9 | 18.34 |
| | 25 | 49.8 | 11.01 | 54.2 | 11.87 | 58.6 | 12.73 | 62.8 | 13.58 | 67.2 | 14.33 | 73.0 | 15.47 | 84.3 | 17.69 | 89.9 | 18.80 |
| | 27 | 49.8 | 11.29 | 54.2 | 12.18 | 58.6 | 13.05 | 62.8 | 13.93 | 67.2 | 14.72 | 73.0 | 15.87 | 84.3 | 18.18 | 89.9 | 19.33 |
| | 30 | 49.8 | 11.75 | 54.2 | 12.68 | 58.6 | 13.60 | 62.8 | 14.53 | 67.2 | 15.39 | 73.0 | 16.58 | 84.3 | 19.00 | 89.9 | 20.21 |
| | 33 | 49.8 | 12.30 | 54.2 | 13.27 | 58.6 | 14.24 | 62.8 | 15.20 | 67.2 | 16.14 | 73.0 | 17.42 | 84.3 | 19.97 | 89.9 | 21.71 |
| | 35 | 49.8 | 12.73 | 54.2 | 13.75 | 58.6 | 14.75 | 62.8 | 15.76 | 67.2 | 16.73 | 73.0 | 18.05 | 84.3 | 21.09 | 89.9 | 23.19 |
| | 37 | 49.8 | 13.21 | 54.2 | 14.25 | 58.6 | 15.31 | 62.8 | 16.36 | 67.2 | 17.40 | 73.0 | 18.76 | 84.3 | 22.54 | 89.9 | 24.82 |
| | 40 | 49.8 | 14.02 | 54.2 | 15.14 | 58.6 | 16.26 | 62.8 | 17.37 | 67.2 | 18.53 | 73.0 | 20.34 | 84.3 | 25.00 | 89.9 | 27.58 |
| | 43 | 49.8 | 15.00 | 54.2 | 16.21 | 58.6 | 17.41 | 62.8 | 18.70 | 67.2 | 20.20 | 73.0 | 22.50 | 84.3 | 27.75 | 89.5 | 30.32 |
| | 46 | 49.8 | 16.14 | 54.2 | 17.44 | 58.6 | 18.83 | 62.8 | 20.39 | 67.2 | 22.26 | 73.0 | 24.90 | 84.3 | 30.82 | 87.0 | 31.80 |
| 57.6 (60%) | 10 | 42.8 | 8.53 | 46.4 | 9.17 | 50.1 | 9.82 | 53.9 | 10.46 | 57.6 | 10.98 | 62.4 | 11.80 | 72.3 | 13.46 | 77.1 | 14.31 |
| | 15 | 42.8 | 8.77 | 46.4 | 9.42 | 50.1 | 10.09 | 53.9 | 10.74 | 57.6 | 11.28 | 62.4 | 12.13 | 72.3 | 13.87 | 77.1 | 14.73 |
| | 21 | 42.8 | 9.20 | 46.4 | 9.90 | 50.1 | 10.59 | 53.9 | 11.30 | 57.6 | 11.90 | 62.4 | 12.80 | 72.3 | 14.62 | 77.1 | 15.55 |
| | 23 | 42.8 | 9.40 | 46.4 | 10.11 | 50.1 | 10.83 | 53.9 | 11.55 | 57.6 | 12.15 | 62.4 | 13.09 | 72.3 | 14.95 | 77.1 | 15.90 |
| | 25 | 42.8 | 9.61 | 46.4 | 10.33 | 50.1 | 11.08 | 53.9 | 11.80 | 57.6 | 12.44 | 62.4 | 13.41 | 72.3 | 15.33 | 77.1 | 16.29 |
| | 27 | 42.8 | 9.83 | 46.4 | 10.60 | 50.1 | 11.36 | 53.9 | 12.11 | 57.6 | 12.79 | 62.4 | 13.76 | 72.3 | 15.75 | 77.1 | 16.72 |
| | 30 | 42.8 | 10.24 | 46.4 | 11.03 | 50.1 | 11.82 | 53.9 | 12.61 | 57.6 | 13.35 | 62.4 | 14.39 | 72.3 | 16.44 | 77.1 | 17.47 |
| | 33 | 42.8 | 10.70 | 46.4 | 11.53 | 50.1 | 12.38 | 53.9 | 13.20 | 57.6 | 13.99 | 62.4 | 15.07 | 72.3 | 17.27 | 77.1 | 18.35 |
| | 35 | 42.8 | 11.08 | 46.4 | 11.94 | 50.1 | 12.80 | 53.9 | 13.68 | 57.6 | 14.51 | 62.4 | 15.63 | 72.3 | 17.91 | 77.1 | 19.03 |
| | 37 | 42.8 | 11.49 | 46.4 | 12.38 | 50.1 | 13.28 | 53.9 | 14.18 | 57.6 | 15.07 | 62.4 | 16.25 | 72.3 | 18.61 | 77.1 | 20.00 |
| | 40 | 42.8 | 12.19 | 46.4 | 13.13 | 50.1 | 14.10 | 53.9 | 15.06 | 57.6 | 16.03 | 62.4 | 17.29 | 72.3 | 20.15 | 77.1 | 22.00 |
| | 43 | 42.8 | 13.02 | 46.4 | 14.06 | 50.1 | 15.10 | 53.9 | 16.11 | 57.6 | 17.18 | 62.4 | 18.60 | 72.3 | 22.23 | 77.1 | 24.37 |
| | 46 | 42.8 | 13.99 | 46.4 | 15.11 | 50.1 | 16.22 | 53.9 | 17.34 | 57.6 | 18.55 | 62.4 | 20.32 | 72.3 | 24.60 | 77.1 | 27.01 |
| 48.0 (50%) | 10 | 35.6 | 7.30 | 38.7 | 7.84 | 41.8 | 8.38 | 44.9 | 8.91 | 48.0 | 9.33 | 52.1 | 10.02 | 60.3 | 11.41 | 64.2 | 12.10 |
| | 15 | 35.6 | 7.49 | 38.7 | 8.05 | 41.8 | 8.59 | 44.9 | 9.16 | 48.0 | 9.59 | 52.1 | 10.31 | 60.3 | 11.74 | 64.2 | 12.45 |
| | 21 | 35.6 | 7.86 | 38.7 | 8.44 | 41.8 | 9.02 | 44.9 | 9.62 | 48.0 | 10.11 | 52.1 | 10.86 | 60.3 | 12.37 | 64.2 | 13.15 |
| | 23 | 35.6 | 8.01 | 38.7 | 8.61 | 41.8 | 9.22 | 44.9 | 9.80 | 48.0 | 10.33 | 52.1 | 11.11 | 60.3 | 12.65 | 64.2 | 13.44 |
| | 25 | 35.6 | 8.19 | 38.7 | 8.80 | 41.8 | 9.43 | 44.9 | 10.04 | 48.0 | 10.57 | 52.1 | 11.36 | 60.3 | 12.97 | 64.2 | 13.76 |
| | 27 | 35.6 | 8.39 | 38.7 | 9.01 | 41.8 | 9.65 | 44.9 | 10.28 | 48.0 | 10.83 | 52.1 | 11.65 | 60.3 | 13.32 | 64.2 | 14.14 |
| | 30 | 35.6 | 8.72 | 38.7 | 9.39 | 41.8 | 10.04 | 44.9 | 10.71 | 48.0 | 11.32 | 52.1 | 12.18 | 60.3 | 13.89 | 64.2 | 14.75 |
| | 33 | 35.6 | 9.10 | 38.7 | 9.81 | 41.8 | 10.49 | 44.9 | 11.20 | 48.0 | 11.85 | 52.1 | 12.75 | 60.3 | 14.57 | 64.2 | 15.49 |
| | 35 | 35.6 | 9.43 | 38.7 | 10.14 | 41.8 | 10.86 | 44.9 | 11.58 | 48.0 | 12.27 | 52.1 | 13.22 | 60.3 | 15.12 | 64.2 | 16.05 |
| | 37 | 35.6 | 9.77 | 38.7 | 10.52 | 41.8 | 11.27 | 44.9 | 12.02 | 48.0 | 12.75 | 52.1 | 13.72 | 60.3 | 15.69 | 64.2 | 16.68 |
| | 40 | 35.6 | 10.33 | 38.7 | 11.15 | 41.8 | 11.94 | 44.9 | 12.74 | 48.0 | 13.55 | 52.1 | 14.60 | 60.3 | 16.69 | 64.2 | 17.76 |
| | 43 | 35.6 | 11.04 | 38.7 | 11.91 | 41.8 | 12.77 | 44.9 | 13.63 | 48.0 | 14.52 | 52.1 | 15.64 | 60.3 | 17.90 | 64.2 | 19.20 |
| | 46 | 35.6 | 11.84 | 38.7 | 12.77 | 41.8 | 13.71 | 44.9 | 14.64 | 48.0 | 15.60 | 52.1 | 16.85 | 60.3 | 19.49 | 64.2 | 20.98 |

# ■ Model: AJ∗324GALDHH

| Cooling capacity at rated condition: 102.4 kW (36HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 153.6 (150%) | 10 | 113.9 | 21.62 | 121.7 | 22.84 | 124.7 | 22.86 | 127.8 | 22.88 | 130.9 | 22.99 | 134.2 | 22.98 | 140.6 | 22.91 | 143.9 | 22.85 |
| | 15 | 113.9 | 22.24 | 120.9 | 23.27 | 123.9 | 23.31 | 127.0 | 23.33 | 129.9 | 23.46 | 133.0 | 23.45 | 139.6 | 23.39 | 142.8 | 23.35 |
| | 21 | 113.9 | 23.42 | 119.3 | 24.09 | 122.2 | 24.13 | 125.2 | 24.17 | 127.9 | 24.36 | 131.0 | 24.35 | 136.9 | 24.46 | 139.8 | 24.61 |
| | 23 | 113.9 | 23.92 | 118.6 | 24.44 | 121.6 | 24.48 | 124.5 | 24.52 | 126.9 | 24.81 | 129.6 | 24.96 | 135.0 | 25.34 | 137.6 | 25.50 |
| | 25 | 113.9 | 24.49 | 117.8 | 24.83 | 120.4 | 25.04 | 123.0 | 25.28 | 125.0 | 25.67 | 127.6 | 25.88 | 132.7 | 26.24 | 135.3 | 26.42 |
| | 27 | 113.5 | 25.43 | 116.1 | 25.66 | 118.6 | 25.92 | 121.2 | 26.15 | 122.9 | 26.57 | 125.3 | 26.78 | 130.5 | 27.17 | 132.8 | 27.37 |
| | 30 | 111.2 | 26.72 | 113.5 | 26.98 | 115.9 | 27.26 | 118.4 | 27.51 | 119.7 | 28.01 | 122.1 | 28.23 | 127.0 | 28.68 | 129.3 | 28.89 |
| | 33 | 108.2 | 28.12 | 110.5 | 28.40 | 112.9 | 28.68 | 115.2 | 28.95 | 116.4 | 29.50 | 118.8 | 29.73 | 123.4 | 30.21 | 125.8 | 30.42 |
| | 35 | 106.2 | 29.07 | 108.5 | 29.36 | 110.8 | 29.66 | 113.2 | 29.94 | 114.1 | 30.52 | 116.5 | 30.76 | 121.1 | 31.25 | 123.5 | 31.48 |
| | 37 | 104.2 | 30.04 | 106.5 | 30.33 | 108.8 | 30.64 | 111.1 | 30.92 | 111.9 | 31.55 | 114.2 | 31.79 | 118.6 | 32.29 | 120.9 | 32.52 |
| | 40 | 101.1 | 31.49 | 103.4 | 31.80 | 105.5 | 32.11 | 107.8 | 32.42 | 108.4 | 33.09 | 110.7 | 33.35 | 115.1 | 33.88 | 117.2 | 34.12 |
| | 43 | 98.1 | 32.96 | 100.2 | 33.30 | 102.4 | 33.61 | 104.5 | 33.92 | 104.9 | 34.65 | 107.1 | 34.92 | 111.3 | 35.45 | 113.6 | 35.71 |
| | 46 | 95.0 | 34.46 | 97.1 | 34.79 | 99.1 | 35.13 | 101.2 | 35.45 | 101.4 | 36.21 | 103.6 | 36.50 | 107.7 | 37.04 | 109.8 | 37.31 |
| 143.3 (140%) | 10 | 106.3 | 20.26 | 115.7 | 21.92 | 122.2 | 22.84 | 125.0 | 22.86 | 128.7 | 23.01 | 131.7 | 22.98 | 138.3 | 22.94 | 141.4 | 22.91 |
| | 15 | 106.3 | 20.83 | 115.7 | 22.54 | 121.2 | 23.29 | 124.2 | 23.31 | 127.7 | 23.47 | 130.7 | 23.46 | 137.0 | 23.42 | 140.3 | 23.38 |
| | 21 | 106.3 | 21.95 | 115.7 | 23.74 | 119.6 | 24.11 | 122.6 | 24.13 | 125.8 | 24.36 | 128.9 | 24.35 | 135.0 | 24.35 | 137.7 | 24.50 |
| | 23 | 106.3 | 22.43 | 115.7 | 24.23 | 119.1 | 24.44 | 121.9 | 24.48 | 125.0 | 24.71 | 127.7 | 24.87 | 133.0 | 25.20 | 135.5 | 25.39 |
| | 25 | 106.3 | 22.96 | 115.5 | 24.77 | 118.1 | 24.85 | 120.7 | 25.07 | 123.2 | 25.54 | 125.8 | 25.74 | 130.9 | 26.11 | 133.3 | 26.29 |
| | 27 | 106.3 | 23.55 | 114.0 | 25.47 | 116.6 | 25.71 | 119.1 | 25.94 | 121.2 | 26.44 | 123.7 | 26.64 | 128.7 | 27.03 | 131.2 | 27.23 |
| | 30 | 106.3 | 25.23 | 111.5 | 26.77 | 114.0 | 27.03 | 116.4 | 27.30 | 118.1 | 27.87 | 120.5 | 28.09 | 125.4 | 28.53 | 127.7 | 28.73 |
| | 33 | 106.2 | 27.85 | 108.7 | 28.19 | 111.0 | 28.47 | 113.4 | 28.74 | 114.9 | 29.34 | 117.2 | 29.59 | 121.9 | 30.05 | 124.2 | 30.28 |
| | 35 | 104.4 | 28.84 | 106.7 | 29.14 | 109.0 | 29.43 | 111.4 | 29.71 | 112.7 | 30.36 | 115.0 | 30.62 | 119.6 | 31.09 | 121.9 | 31.32 |
| | 37 | 102.6 | 29.81 | 104.7 | 30.12 | 107.0 | 30.40 | 109.3 | 30.71 | 110.5 | 31.39 | 112.7 | 31.65 | 117.3 | 32.14 | 119.4 | 32.38 |
| | 40 | 99.6 | 31.28 | 101.7 | 31.59 | 104.0 | 31.90 | 106.0 | 32.18 | 107.1 | 32.92 | 109.4 | 33.21 | 113.8 | 33.71 | 115.9 | 33.97 |
| | 43 | 96.5 | 32.75 | 98.6 | 33.06 | 100.9 | 33.39 | 103.0 | 33.70 | 103.7 | 34.48 | 105.8 | 34.77 | 110.0 | 35.30 | 112.3 | 35.57 |
| | 46 | 93.5 | 34.22 | 95.5 | 34.55 | 97.6 | 34.89 | 99.7 | 35.21 | 100.2 | 36.04 | 102.3 | 36.33 | 106.4 | 36.89 | 108.5 | 37.16 |
| 133.1 (130%) | 10 | 98.8 | 18.92 | 107.3 | 20.45 | 116.0 | 21.97 | 121.9 | 22.84 | 126.2 | 23.02 | 129.2 | 23.01 | 135.5 | 22.97 | 138.6 | 22.94 |
| | 15 | 98.8 | 19.45 | 107.3 | 21.03 | 116.0 | 22.59 | 121.2 | 23.29 | 125.2 | 23.47 | 128.2 | 23.47 | 134.5 | 23.45 | 137.5 | 23.41 |
| | 21 | 98.8 | 20.47 | 107.3 | 22.13 | 116.0 | 23.79 | 119.6 | 24.11 | 123.4 | 24.34 | 126.4 | 24.36 | 132.5 | 24.34 | 135.3 | 24.37 |
| | 23 | 98.8 | 20.92 | 107.3 | 22.61 | 115.9 | 24.29 | 119.1 | 24.44 | 122.6 | 24.72 | 125.6 | 24.73 | 130.9 | 25.05 | 133.4 | 25.23 |
| | 25 | 98.8 | 21.42 | 107.3 | 23.15 | 115.5 | 24.77 | 118.3 | 24.87 | 121.3 | 25.37 | 123.7 | 25.58 | 128.8 | 25.97 | 131.2 | 26.15 |
| | 27 | 98.8 | 21.97 | 107.3 | 23.75 | 114.3 | 25.47 | 116.6 | 25.71 | 119.3 | 26.27 | 121.7 | 26.48 | 126.6 | 26.87 | 129.2 | 27.08 |
| | 30 | 98.8 | 22.90 | 107.3 | 25.57 | 111.7 | 26.79 | 114.0 | 27.05 | 116.4 | 27.69 | 118.7 | 27.91 | 123.4 | 28.37 | 125.9 | 28.57 |
| | 33 | 98.8 | 24.83 | 106.7 | 27.93 | 109.0 | 28.21 | 111.3 | 28.49 | 113.2 | 29.18 | 115.4 | 29.41 | 120.1 | 29.87 | 122.4 | 30.10 |
| | 35 | 98.8 | 26.56 | 104.9 | 28.89 | 107.0 | 29.17 | 109.3 | 29.45 | 111.1 | 30.17 | 113.4 | 30.43 | 117.8 | 30.92 | 120.1 | 31.15 |
| | 37 | 98.8 | 28.47 | 102.9 | 29.86 | 105.0 | 30.14 | 107.3 | 30.45 | 108.9 | 31.20 | 111.1 | 31.46 | 115.5 | 31.96 | 117.8 | 32.19 |
| | 40 | 97.8 | 31.02 | 99.9 | 31.32 | 102.1 | 31.63 | 104.2 | 31.92 | 105.6 | 32.75 | 107.8 | 33.02 | 112.2 | 33.54 | 114.3 | 33.78 |
| | 43 | 95.0 | 32.48 | 97.0 | 32.80 | 99.1 | 33.13 | 101.2 | 33.44 | 102.3 | 34.29 | 104.5 | 34.58 | 108.7 | 35.11 | 110.7 | 35.37 |
| | 46 | 91.9 | 33.95 | 94.0 | 34.29 | 96.0 | 34.63 | 98.1 | 34.94 | 98.9 | 35.85 | 101.0 | 36.14 | 105.1 | 36.70 | 107.2 | 36.97 |
| 122.8 (120%) | 10 | 91.1 | 17.58 | 99.1 | 18.97 | 107.0 | 20.38 | 114.9 | 21.79 | 122.8 | 22.87 | 126.4 | 23.02 | 132.5 | 22.98 | 135.5 | 22.97 |
| | 15 | 91.1 | 18.06 | 99.1 | 19.52 | 107.0 | 20.96 | 114.9 | 22.42 | 122.5 | 23.48 | 125.4 | 23.47 | 131.5 | 23.46 | 134.5 | 23.45 |
| | 21 | 91.1 | 19.01 | 99.1 | 20.54 | 107.0 | 22.08 | 114.9 | 23.60 | 120.8 | 24.35 | 123.6 | 24.34 | 129.5 | 24.35 | 132.5 | 24.34 |
| | 23 | 91.1 | 19.41 | 99.1 | 20.97 | 107.0 | 22.55 | 114.9 | 24.12 | 120.0 | 24.70 | 122.9 | 24.72 | 128.3 | 24.88 | 130.9 | 25.05 |
| | 25 | 91.1 | 19.88 | 99.1 | 21.47 | 107.0 | 23.08 | 114.9 | 24.67 | 119.0 | 25.22 | 121.4 | 25.40 | 126.5 | 25.79 | 128.9 | 25.97 |
| | 27 | 91.1 | 20.38 | 99.1 | 22.04 | 107.0 | 23.68 | 114.0 | 25.45 | 117.2 | 26.11 | 119.6 | 26.30 | 124.5 | 26.71 | 126.8 | 26.89 |
| | 30 | 91.1 | 21.25 | 99.1 | 22.97 | 107.0 | 25.45 | 111.5 | 26.77 | 114.4 | 27.48 | 116.6 | 27.71 | 121.3 | 28.16 | 123.6 | 28.37 |
| | 33 | 91.1 | 22.29 | 99.1 | 24.95 | 106.6 | 27.93 | 108.7 | 28.19 | 111.3 | 28.97 | 113.6 | 29.20 | 118.0 | 29.68 | 120.3 | 29.89 |
| | 35 | 91.1 | 23.53 | 99.1 | 26.71 | 104.7 | 28.89 | 107.0 | 29.17 | 109.3 | 29.96 | 111.6 | 30.22 | 116.0 | 30.71 | 118.1 | 30.95 |
| | 37 | 91.1 | 25.18 | 99.1 | 28.62 | 102.9 | 29.86 | 105.0 | 30.14 | 107.2 | 30.99 | 109.3 | 31.25 | 113.7 | 31.74 | 115.8 | 32.00 |
| | 40 | 91.1 | 27.90 | 98.0 | 31.02 | 100.1 | 31.33 | 102.1 | 31.63 | 104.0 | 32.54 | 106.0 | 32.80 | 110.4 | 33.33 | 112.5 | 33.57 |
| | 43 | 91.1 | 30.97 | 95.0 | 32.51 | 97.0 | 32.82 | 99.1 | 33.13 | 100.8 | 34.08 | 102.7 | 34.36 | 106.9 | 34.91 | 109.0 | 35.18 |
| | 46 | 90.1 | 33.66 | 92.2 | 34.00 | 94.0 | 34.32 | 96.1 | 34.65 | 97.5 | 35.63 | 99.4 | 35.92 | 103.6 | 36.50 | 105.4 | 36.77 |
| 112.6 (110%) | 10 | 83.5 | 16.22 | 90.9 | 17.51 | 98.1 | 18.80 | 105.4 | 20.09 | 112.6 | 21.09 | 122.1 | 22.75 | 129.0 | 23.01 | 132.0 | 22.98 |
| | 15 | 83.5 | 16.67 | 90.9 | 18.01 | 98.1 | 19.34 | 105.4 | 20.66 | 112.6 | 21.71 | 121.9 | 23.40 | 128.2 | 23.47 | 131.0 | 23.46 |
| | 21 | 83.5 | 17.54 | 90.9 | 18.95 | 98.1 | 20.35 | 105.4 | 21.76 | 112.6 | 22.93 | 120.6 | 24.35 | 126.4 | 24.36 | 129.2 | 24.35 |
| | 23 | 83.5 | 17.92 | 90.9 | 19.36 | 98.1 | 20.79 | 105.4 | 22.23 | 112.6 | 23.45 | 119.8 | 24.70 | 125.6 | 24.73 | 128.0 | 24.89 |
| | 25 | 83.5 | 18.34 | 90.9 | 19.81 | 98.1 | 21.27 | 105.4 | 22.76 | 112.6 | 24.05 | 118.9 | 25.20 | 123.7 | 25.58 | 126.3 | 25.76 |
| | 27 | 83.5 | 18.79 | 90.9 | 20.31 | 98.1 | 21.82 | 105.4 | 23.33 | 112.6 | 24.94 | 117.1 | 26.09 | 121.9 | 26.50 | 124.3 | 26.69 |
| | 30 | 83.5 | 19.59 | 90.9 | 21.18 | 98.1 | 22.77 | 105.4 | 24.88 | 112.1 | 27.25 | 114.3 | 27.48 | 118.9 | 27.94 | 121.2 | 28.14 |
| | 33 | 83.5 | 20.52 | 90.9 | 22.21 | 98.1 | 24.58 | 105.4 | 27.46 | 109.2 | 28.74 | 111.3 | 28.97 | 115.9 | 29.45 | 118.0 | 29.66 |
| | 35 | 83.5 | 21.28 | 90.9 | 23.41 | 98.1 | 26.30 | 104.4 | 28.82 | 107.2 | 29.73 | 109.3 | 29.99 | 113.7 | 30.48 | 116.0 | 30.71 |
| | 37 | 83.5 | 22.23 | 90.9 | 25.04 | 98.1 | 28.18 | 102.4 | 29.81 | 105.2 | 30.75 | 107.3 | 31.01 | 111.6 | 31.51 | 113.7 | 31.77 |
| | 40 | 83.5 | 24.52 | 90.9 | 27.75 | 97.7 | 30.99 | 99.8 | 31.28 | 102.1 | 32.28 | 104.2 | 32.57 | 108.3 | 33.09 | 110.4 | 33.33 |
| | 43 | 83.5 | 27.14 | 90.9 | 30.79 | 94.9 | 32.48 | 96.8 | 32.79 | 99.0 | 33.83 | 100.9 | 34.12 | 105.0 | 34.65 | 107.1 | 34.92 |
| | 46 | 83.5 | 30.09 | 90.1 | 33.64 | 91.9 | 33.98 | 94.0 | 34.29 | 95.8 | 35.39 | 97.8 | 35.68 | 101.7 | 36.26 | 103.6 | 36.53 |
| 102.4 (100%) | 10 | 76.0 | 14.88 | 82.7 | 16.05 | 89.1 | 17.21 | 95.8 | 18.40 | 102.4 | 19.30 | 111.1 | 20.81 | 125.2 | 23.02 | 128.0 | 23.02 |
| | 15 | 76.0 | 15.28 | 82.7 | 16.50 | 89.1 | 17.71 | 95.8 | 18.90 | 102.4 | 19.87 | 111.1 | 21.44 | 124.4 | 23.47 | 127.2 | 23.47 |
| | 21 | 76.0 | 16.06 | 82.7 | 17.35 | 89.1 | 18.63 | 95.8 | 19.90 | 102.4 | 20.97 | 111.1 | 22.63 | 122.6 | 24.35 | 125.4 | 24.36 |
| | 23 | 76.0 | 16.41 | 82.7 | 17.72 | 89.1 | 19.03 | 95.8 | 20.32 | 102.4 | 21.44 | 111.1 | 23.15 | 121.9 | 24.72 | 124.6 | 24.71 |
| | 25 | 76.0 | 16.78 | 82.7 | 18.12 | 89.1 | 19.46 | 95.8 | 20.80 | 102.4 | 21.99 | 111.1 | 23.73 | 120.7 | 25.33 | 123.0 | 25.53 |
| | 27 | 76.0 | 17.21 | 82.7 | 18.59 | 89.1 | 19.96 | 95.8 | 21.35 | 102.4 | 22.57 | 111.1 | 24.41 | 118.9 | 26.25 | 121.2 | 26.44 |
| | 30 | 76.0 | 17.93 | 82.7 | 19.37 | 89.1 | 20.81 | 95.8 | 22.25 | 102.4 | 23.73 | 111.1 | 26.88 | 116.1 | 27.66 | 118.4 | 27.89 |
| | 33 | 76.0 | 18.78 | 82.7 | 20.29 | 89.1 | 21.81 | 95.8 | 23.69 | 102.4 | 26.22 | 108.9 | 28.70 | 113.1 | 29.18 | 115.4 | 29.39 |
| | 35 | 76.0 | 19.46 | 82.7 | 21.05 | 89.1 | 22.80 | 95.8 | 25.35 | 102.4 | 28.13 | 107.0 | 29.70 | 111.1 | 30.20 | 113.4 | 30.43 |
| | 37 | 76.0 | 20.24 | 82.7 | 21.96 | 89.1 | 24.36 | 95.8 | 27.14 | 102.4 | 30.18 | 104.9 | 30.73 | 109.1 | 31.23 | 111.1 | 31.48 |
| | 40 | 76.0 | 21.65 | 82.7 | 24.11 | 89.1 | 26.99 | 95.8 | 30.13 | 99.9 | 32.00 | 101.9 | 32.26 | 106.0 | 32.80 | 108.1 | 33.04 |
| | 43 | 76.0 | 23.66 | 82.7 | 26.68 | 89.1 | 29.94 | 94.2 | 32.39 | 96.9 | 33.55 | 98.9 | 33.83 | 103.0 | 34.36 | 104.8 | 34.63 |
| | 46 | 76.0 | 26.16 | 82.7 | 29.56 | 89.1 | 33.25 | 91.4 | 33.88 | 93.9 | 35.10 | 95.8 | 35.39 | 99.7 | 35.97 | 101.5 | 36.24 |

MODEL SELECTION

| Cooling capacity at rated condition: 102.4 kW (36HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 92.1 (90%) | 10 | 68.4 | 13.52 | 74.3 | 14.58 | 80.4 | 15.63 | 86.3 | 16.69 | 92.1 | 17.51 | 100.1 | 18.88 | 115.7 | 21.61 | 123.2 | 22.93 |
| | 15 | 68.4 | 13.89 | 74.3 | 14.98 | 80.4 | 16.07 | 86.3 | 17.16 | 92.1 | 18.02 | 100.1 | 19.43 | 115.7 | 22.25 | 122.6 | 23.48 |
| | 21 | 68.4 | 14.60 | 74.3 | 15.76 | 80.4 | 16.90 | 86.3 | 18.04 | 92.1 | 19.01 | 100.1 | 20.50 | 115.7 | 23.50 | 121.1 | 24.35 |
| | 23 | 68.4 | 14.92 | 74.3 | 16.08 | 80.4 | 17.25 | 86.3 | 18.44 | 92.1 | 19.44 | 100.1 | 20.97 | 115.7 | 24.02 | 120.5 | 24.70 |
| | 25 | 68.4 | 15.24 | 74.3 | 16.46 | 80.4 | 17.65 | 86.3 | 18.86 | 92.1 | 19.91 | 100.1 | 21.49 | 115.7 | 24.62 | 119.4 | 25.24 |
| | 27 | 68.4 | 15.64 | 74.3 | 16.88 | 80.4 | 18.10 | 86.3 | 19.34 | 92.1 | 20.46 | 100.1 | 22.07 | 115.5 | 25.91 | 117.8 | 26.16 |
| | 30 | 68.4 | 16.29 | 74.3 | 17.58 | 80.4 | 18.87 | 86.3 | 20.16 | 92.1 | 21.38 | 100.1 | 23.08 | 113.0 | 27.34 | 115.1 | 27.55 |
| | 33 | 68.4 | 17.04 | 74.3 | 18.41 | 80.4 | 19.75 | 86.3 | 21.11 | 92.1 | 22.48 | 100.1 | 25.26 | 110.2 | 28.83 | 112.3 | 29.06 |
| | 35 | 68.4 | 17.65 | 74.3 | 19.07 | 80.4 | 20.50 | 86.3 | 21.97 | 92.1 | 23.90 | 100.1 | 27.07 | 108.2 | 29.85 | 110.3 | 30.10 |
| | 37 | 68.4 | 18.36 | 74.3 | 19.84 | 80.4 | 21.34 | 86.3 | 23.19 | 92.1 | 25.60 | 100.1 | 29.04 | 106.2 | 30.89 | 108.3 | 31.13 |
| | 40 | 68.4 | 19.53 | 74.3 | 21.17 | 80.4 | 23.13 | 86.3 | 25.67 | 92.1 | 28.42 | 99.3 | 31.92 | 103.4 | 32.45 | 105.3 | 32.71 |
| | 43 | 68.4 | 20.97 | 74.3 | 22.95 | 80.4 | 25.60 | 86.3 | 28.43 | 92.1 | 31.59 | 96.5 | 33.48 | 100.4 | 34.03 | 102.2 | 34.29 |
| | 46 | 68.4 | 22.68 | 74.3 | 25.37 | 80.4 | 28.34 | 86.3 | 31.55 | 91.6 | 34.74 | 93.5 | 35.03 | 97.3 | 35.61 | 99.2 | 35.87 |
| 81.9 (80%) | 10 | 60.7 | 12.18 | 66.1 | 13.12 | 71.4 | 14.04 | 76.6 | 14.98 | 81.9 | 15.71 | 88.8 | 16.92 | 102.7 | 19.35 | 109.6 | 20.57 |
| | 15 | 60.7 | 12.51 | 66.1 | 13.47 | 71.4 | 14.44 | 76.6 | 15.41 | 81.9 | 16.18 | 88.8 | 17.42 | 102.7 | 19.92 | 109.6 | 21.19 |
| | 21 | 60.7 | 13.13 | 66.1 | 14.15 | 71.4 | 15.17 | 76.6 | 16.20 | 81.9 | 17.05 | 88.8 | 18.39 | 102.7 | 21.04 | 109.6 | 22.36 |
| | 23 | 60.7 | 13.41 | 66.1 | 14.45 | 71.4 | 15.49 | 76.6 | 16.53 | 81.9 | 17.43 | 88.8 | 18.79 | 102.7 | 21.52 | 109.6 | 22.88 |
| | 25 | 60.7 | 13.71 | 66.1 | 14.77 | 71.4 | 15.86 | 76.6 | 16.93 | 81.9 | 17.85 | 88.8 | 19.26 | 102.7 | 22.04 | 109.6 | 23.45 |
| | 27 | 60.7 | 14.05 | 66.1 | 15.15 | 71.4 | 16.26 | 76.6 | 17.35 | 81.9 | 18.34 | 88.8 | 19.76 | 102.7 | 22.64 | 109.6 | 24.08 |
| | 30 | 60.7 | 14.63 | 66.1 | 15.77 | 71.4 | 16.94 | 76.6 | 18.08 | 81.9 | 19.15 | 88.8 | 20.66 | 102.7 | 23.83 | 109.6 | 26.35 |
| | 33 | 60.7 | 15.30 | 66.1 | 16.50 | 71.4 | 17.71 | 76.6 | 18.93 | 81.9 | 20.09 | 88.8 | 21.68 | 102.7 | 26.35 | 108.7 | 28.67 |
| | 35 | 60.7 | 15.84 | 66.1 | 17.11 | 71.4 | 18.37 | 76.6 | 19.63 | 81.9 | 20.85 | 88.8 | 22.63 | 102.7 | 28.26 | 106.7 | 29.68 |
| | 37 | 60.7 | 16.47 | 66.1 | 17.79 | 71.4 | 19.10 | 76.6 | 20.41 | 81.9 | 21.77 | 88.8 | 24.23 | 102.7 | 30.35 | 104.9 | 30.73 |
| | 40 | 60.7 | 17.52 | 66.1 | 18.93 | 71.4 | 20.32 | 76.6 | 21.84 | 81.9 | 23.84 | 88.8 | 26.88 | 100.1 | 32.02 | 102.1 | 32.28 |
| | 43 | 60.7 | 18.76 | 66.1 | 20.28 | 71.4 | 21.90 | 76.6 | 23.96 | 81.9 | 26.42 | 88.8 | 29.86 | 97.3 | 33.60 | 99.1 | 33.86 |
| | 46 | 60.7 | 20.17 | 66.1 | 21.91 | 71.4 | 23.95 | 76.6 | 26.50 | 81.9 | 29.31 | 88.8 | 33.18 | 94.5 | 35.17 | 96.3 | 35.46 |
| 71.6 (70%) | 10 | 53.2 | 10.82 | 57.8 | 11.64 | 62.5 | 12.48 | 67.1 | 13.30 | 71.6 | 13.92 | 77.8 | 14.99 | 89.9 | 17.12 | 96.0 | 18.18 |
| | 15 | 53.2 | 11.12 | 57.8 | 11.96 | 62.5 | 12.80 | 67.1 | 13.65 | 71.6 | 14.32 | 77.8 | 15.41 | 89.9 | 17.62 | 96.0 | 18.71 |
| | 21 | 53.2 | 11.67 | 57.8 | 12.56 | 62.5 | 13.45 | 67.1 | 14.35 | 71.6 | 15.09 | 77.8 | 16.26 | 89.9 | 18.59 | 96.0 | 19.75 |
| | 23 | 53.2 | 11.89 | 57.8 | 12.81 | 62.5 | 13.73 | 67.1 | 14.65 | 71.6 | 15.42 | 77.8 | 16.61 | 89.9 | 18.99 | 96.0 | 20.18 |
| | 25 | 53.2 | 12.17 | 57.8 | 13.11 | 62.5 | 14.05 | 67.1 | 14.97 | 71.6 | 15.79 | 77.8 | 17.03 | 89.9 | 19.46 | 96.0 | 20.68 |
| | 27 | 53.2 | 12.47 | 57.8 | 13.43 | 62.5 | 14.40 | 67.1 | 15.35 | 71.6 | 16.21 | 77.8 | 17.48 | 89.9 | 19.99 | 96.0 | 21.25 |
| | 30 | 53.2 | 12.97 | 57.8 | 13.98 | 62.5 | 14.98 | 67.1 | 15.99 | 71.6 | 16.93 | 77.8 | 18.25 | 89.9 | 20.88 | 96.0 | 22.20 |
| | 33 | 53.2 | 13.55 | 57.8 | 14.61 | 62.5 | 15.68 | 67.1 | 16.72 | 71.6 | 17.76 | 77.8 | 19.15 | 89.9 | 21.91 | 96.0 | 23.71 |
| | 35 | 53.2 | 14.05 | 57.8 | 15.15 | 62.5 | 16.24 | 67.1 | 17.35 | 71.6 | 18.42 | 77.8 | 19.86 | 89.9 | 23.02 | 96.0 | 25.40 |
| | 37 | 53.2 | 14.59 | 57.8 | 15.73 | 62.5 | 16.87 | 67.1 | 18.03 | 71.6 | 19.17 | 77.8 | 20.66 | 89.9 | 24.65 | 96.0 | 27.24 |
| | 40 | 53.2 | 15.49 | 57.8 | 16.73 | 62.5 | 17.97 | 67.1 | 19.18 | 71.6 | 20.43 | 77.8 | 22.17 | 89.9 | 27.36 | 96.0 | 30.29 |
| | 43 | 53.2 | 16.58 | 57.8 | 17.89 | 62.5 | 19.23 | 67.1 | 20.57 | 71.6 | 22.02 | 77.8 | 24.51 | 89.9 | 30.39 | 95.5 | 33.33 |
| | 46 | 53.2 | 17.82 | 57.8 | 19.25 | 62.5 | 20.70 | 67.1 | 22.23 | 71.6 | 24.19 | 77.8 | 27.13 | 89.9 | 33.81 | 92.7 | 34.93 |
| 61.4 (60%) | 10 | 45.6 | 9.48 | 49.6 | 10.18 | 53.5 | 10.89 | 57.6 | 11.59 | 61.4 | 12.14 | 66.6 | 13.03 | 77.1 | 14.86 | 82.2 | 15.78 |
| | 15 | 45.6 | 9.73 | 49.6 | 10.45 | 53.5 | 11.17 | 57.6 | 11.89 | 61.4 | 12.48 | 66.6 | 13.41 | 77.1 | 15.29 | 82.2 | 16.23 |
| | 21 | 45.6 | 10.20 | 49.6 | 10.95 | 53.5 | 11.72 | 57.6 | 12.49 | 61.4 | 13.13 | 66.6 | 14.13 | 77.1 | 16.11 | 82.2 | 17.12 |
| | 23 | 45.6 | 10.40 | 49.6 | 11.18 | 53.5 | 11.97 | 57.6 | 12.76 | 61.4 | 13.41 | 66.6 | 14.45 | 77.1 | 16.48 | 82.2 | 17.50 |
| | 25 | 45.6 | 10.63 | 49.6 | 11.43 | 53.5 | 12.24 | 57.6 | 13.04 | 61.4 | 13.73 | 66.6 | 14.80 | 77.1 | 16.88 | 82.2 | 17.92 |
| | 27 | 45.6 | 10.88 | 49.6 | 11.70 | 53.5 | 12.54 | 57.6 | 13.36 | 61.4 | 14.10 | 66.6 | 15.17 | 77.1 | 17.33 | 82.2 | 18.40 |
| | 30 | 45.6 | 11.31 | 49.6 | 12.17 | 53.5 | 13.04 | 57.6 | 13.91 | 61.4 | 14.70 | 66.6 | 15.84 | 77.1 | 18.10 | 82.2 | 19.22 |
| | 33 | 45.6 | 11.81 | 49.6 | 12.72 | 53.5 | 13.64 | 57.6 | 14.54 | 61.4 | 15.40 | 66.6 | 16.59 | 77.1 | 18.97 | 82.2 | 20.17 |
| | 35 | 45.6 | 12.24 | 49.6 | 13.19 | 53.5 | 14.13 | 57.6 | 15.07 | 61.4 | 15.99 | 66.6 | 17.23 | 77.1 | 19.71 | 82.2 | 20.94 |
| | 37 | 45.6 | 12.70 | 49.6 | 13.67 | 53.5 | 14.66 | 57.6 | 15.65 | 61.4 | 16.62 | 66.6 | 17.91 | 77.1 | 20.49 | 82.2 | 21.87 |
| | 40 | 45.6 | 13.49 | 49.6 | 14.53 | 53.5 | 15.59 | 57.6 | 16.63 | 61.4 | 17.70 | 66.6 | 19.08 | 77.1 | 21.98 | 82.2 | 23.99 |
| | 43 | 45.6 | 14.40 | 49.6 | 15.54 | 53.5 | 16.68 | 57.6 | 17.80 | 61.4 | 18.96 | 66.6 | 20.47 | 77.1 | 24.19 | 82.2 | 26.59 |
| | 46 | 45.6 | 15.47 | 49.6 | 16.70 | 53.5 | 17.92 | 57.6 | 19.15 | 61.4 | 20.43 | 66.6 | 22.16 | 77.1 | 26.79 | 82.2 | 29.50 |
| 51.2 (50%) | 10 | 37.9 | 8.12 | 41.2 | 8.71 | 44.6 | 9.31 | 47.9 | 9.88 | 51.2 | 10.33 | 55.5 | 11.10 | 64.2 | 12.61 | 68.6 | 13.38 |
| | 15 | 37.9 | 8.34 | 41.2 | 8.94 | 44.6 | 9.53 | 47.9 | 10.15 | 51.2 | 10.63 | 55.5 | 11.42 | 64.2 | 12.98 | 68.6 | 13.75 |
| | 21 | 37.9 | 8.72 | 41.2 | 9.36 | 44.6 | 10.01 | 47.9 | 10.65 | 51.2 | 11.17 | 55.5 | 12.00 | 64.2 | 13.66 | 68.6 | 14.50 |
| | 23 | 37.9 | 8.89 | 41.2 | 9.54 | 44.6 | 10.21 | 47.9 | 10.85 | 51.2 | 11.42 | 55.5 | 12.27 | 64.2 | 13.96 | 68.6 | 14.82 |
| | 25 | 37.9 | 9.09 | 41.2 | 9.76 | 44.6 | 10.43 | 47.9 | 11.10 | 51.2 | 11.67 | 55.5 | 12.54 | 64.2 | 14.30 | 68.6 | 15.17 |
| | 27 | 37.9 | 9.29 | 41.2 | 9.99 | 44.6 | 10.68 | 47.9 | 11.35 | 51.2 | 11.97 | 55.5 | 12.87 | 64.2 | 14.68 | 68.6 | 15.57 |
| | 30 | 37.9 | 9.67 | 41.2 | 10.39 | 44.6 | 11.11 | 47.9 | 11.82 | 51.2 | 12.49 | 55.5 | 13.44 | 64.2 | 15.30 | 68.6 | 16.24 |
| | 33 | 37.9 | 10.07 | 41.2 | 10.84 | 44.6 | 11.58 | 47.9 | 12.35 | 51.2 | 13.07 | 55.5 | 14.06 | 64.2 | 16.05 | 68.6 | 17.04 |
| | 35 | 37.9 | 10.43 | 41.2 | 11.20 | 44.6 | 12.00 | 47.9 | 12.79 | 51.2 | 13.56 | 55.5 | 14.58 | 64.2 | 16.65 | 68.6 | 17.67 |
| | 37 | 37.9 | 10.82 | 41.2 | 11.64 | 44.6 | 12.46 | 47.9 | 13.28 | 51.2 | 14.09 | 55.5 | 15.16 | 64.2 | 17.31 | 68.6 | 18.38 |
| | 40 | 37.9 | 11.46 | 41.2 | 12.35 | 44.6 | 13.22 | 47.9 | 14.10 | 51.2 | 14.97 | 55.5 | 16.14 | 64.2 | 18.44 | 68.6 | 19.60 |
| | 43 | 37.9 | 12.23 | 41.2 | 13.19 | 44.6 | 14.13 | 47.9 | 15.07 | 51.2 | 16.04 | 55.5 | 17.28 | 64.2 | 19.75 | 68.6 | 21.06 |
| | 46 | 37.9 | 13.12 | 41.2 | 14.13 | 44.6 | 15.17 | 47.9 | 16.18 | 51.2 | 17.23 | 55.5 | 18.59 | 64.2 | 21.34 | 68.6 | 22.80 |

# ■ Model: AJ∗342GALDHH

| Cooling capacity at rated condition: 108.0 kW (38HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 162.0 (150%) | 10 | 120.2 | 22.88 | 128.3 | 24.16 | 131.5 | 24.18 | 134.7 | 24.20 | 138.0 | 24.31 | 141.5 | 24.30 | 148.2 | 24.22 | 151.7 | 24.16 |
| | 15 | 120.2 | 23.54 | 127.5 | 24.62 | 130.7 | 24.66 | 133.9 | 24.68 | 136.9 | 24.81 | 140.2 | 24.80 | 147.1 | 24.73 | 150.6 | 24.69 |
| | 21 | 120.2 | 24.79 | 125.8 | 25.49 | 128.8 | 25.53 | 132.0 | 25.58 | 134.9 | 25.77 | 138.1 | 25.75 | 144.3 | 25.86 | 147.4 | 26.01 |
| | 23 | 120.2 | 25.33 | 125.0 | 25.86 | 128.2 | 25.91 | 131.2 | 25.95 | 133.8 | 26.24 | 136.6 | 26.39 | 142.3 | 26.78 | 145.1 | 26.94 |
| | 25 | 120.2 | 25.94 | 124.2 | 26.28 | 127.0 | 26.49 | 129.7 | 26.73 | 131.8 | 27.15 | 134.5 | 27.36 | 140.0 | 27.74 | 142.7 | 27.93 |
| | 27 | 119.7 | 26.91 | 122.4 | 27.15 | 125.1 | 27.42 | 127.8 | 27.66 | 129.6 | 28.11 | 132.2 | 28.32 | 137.6 | 28.72 | 140.1 | 28.93 |
| | 30 | 117.2 | 28.29 | 119.7 | 28.56 | 122.2 | 28.84 | 124.9 | 29.11 | 126.2 | 29.63 | 128.7 | 29.86 | 133.9 | 30.33 | 136.4 | 30.54 |
| | 33 | 114.1 | 29.77 | 116.6 | 30.06 | 119.0 | 30.35 | 121.5 | 30.64 | 122.8 | 31.21 | 125.3 | 31.45 | 130.2 | 31.95 | 132.7 | 32.17 |
| | 35 | 112.0 | 30.78 | 114.5 | 31.08 | 116.9 | 31.40 | 119.4 | 31.69 | 120.4 | 32.30 | 122.9 | 32.55 | 127.8 | 33.06 | 130.2 | 33.31 |
| | 37 | 109.9 | 31.81 | 112.3 | 32.11 | 114.8 | 32.44 | 117.2 | 32.73 | 118.0 | 33.40 | 120.5 | 33.65 | 125.1 | 34.17 | 127.6 | 34.42 |
| | 40 | 106.7 | 33.36 | 109.1 | 33.68 | 111.3 | 34.01 | 113.7 | 34.33 | 114.3 | 35.04 | 116.7 | 35.32 | 121.4 | 35.87 | 123.6 | 36.12 |
| | 43 | 103.4 | 34.92 | 105.6 | 35.27 | 108.0 | 35.60 | 110.3 | 35.93 | 110.7 | 36.71 | 113.0 | 36.99 | 117.4 | 37.55 | 119.8 | 37.83 |
| | 46 | 100.2 | 36.51 | 102.4 | 36.87 | 104.6 | 37.22 | 106.8 | 37.55 | 107.0 | 38.37 | 109.2 | 38.68 | 113.6 | 39.25 | 115.8 | 39.54 |
| 151.2 (140%) | 10 | 112.1 | 21.43 | 122.0 | 23.19 | 128.8 | 24.16 | 131.8 | 24.18 | 135.6 | 24.34 | 138.9 | 24.31 | 145.7 | 24.26 | 149.0 | 24.22 |
| | 15 | 112.1 | 22.05 | 122.0 | 23.86 | 127.8 | 24.64 | 131.0 | 24.66 | 134.6 | 24.82 | 137.8 | 24.81 | 144.5 | 24.76 | 147.9 | 24.72 |
| | 21 | 112.1 | 23.24 | 122.0 | 25.13 | 126.1 | 25.51 | 129.3 | 25.54 | 132.6 | 25.77 | 135.9 | 25.76 | 142.3 | 25.76 | 145.2 | 25.90 |
| | 23 | 112.1 | 23.74 | 122.0 | 25.66 | 125.5 | 25.86 | 128.5 | 25.91 | 131.8 | 26.15 | 134.7 | 26.30 | 140.2 | 26.64 | 142.9 | 26.82 |
| | 25 | 112.1 | 24.30 | 121.8 | 26.22 | 124.5 | 26.30 | 127.3 | 26.52 | 129.9 | 27.00 | 132.6 | 27.22 | 138.0 | 27.60 | 140.6 | 27.79 |
| | 27 | 112.1 | 24.94 | 120.2 | 26.96 | 122.9 | 27.20 | 125.6 | 27.45 | 127.8 | 27.96 | 130.5 | 28.18 | 135.7 | 28.58 | 138.4 | 28.79 |
| | 30 | 112.1 | 26.72 | 117.6 | 28.34 | 120.2 | 28.60 | 122.7 | 28.89 | 124.6 | 29.48 | 127.1 | 29.72 | 132.2 | 30.17 | 134.7 | 30.38 |
| | 33 | 112.0 | 29.48 | 114.7 | 29.84 | 117.1 | 30.13 | 119.6 | 30.42 | 121.2 | 31.05 | 123.6 | 31.30 | 128.6 | 31.79 | 131.0 | 32.03 |
| | 35 | 110.1 | 30.54 | 112.6 | 30.85 | 115.0 | 31.15 | 117.4 | 31.45 | 118.9 | 32.13 | 121.3 | 32.40 | 126.1 | 32.89 | 128.6 | 33.14 |
| | 37 | 108.2 | 31.57 | 110.4 | 31.89 | 112.9 | 32.19 | 115.3 | 32.51 | 116.5 | 33.23 | 118.9 | 33.50 | 123.7 | 34.02 | 126.0 | 34.27 |
| | 40 | 105.0 | 33.13 | 107.2 | 33.45 | 109.6 | 33.78 | 111.9 | 34.08 | 113.0 | 34.87 | 115.3 | 35.16 | 120.0 | 35.69 | 122.2 | 35.97 |
| | 43 | 101.8 | 34.69 | 104.0 | 35.02 | 106.4 | 35.37 | 108.6 | 35.70 | 109.4 | 36.53 | 111.6 | 36.83 | 116.0 | 37.39 | 118.5 | 37.67 |
| | 46 | 98.6 | 36.26 | 100.8 | 36.61 | 102.9 | 36.97 | 105.1 | 37.30 | 105.7 | 38.20 | 107.9 | 38.50 | 112.3 | 39.10 | 114.5 | 39.38 |
| 140.4 (130%) | 10 | 104.2 | 20.01 | 113.2 | 21.64 | 122.3 | 23.25 | 128.6 | 24.16 | 133.0 | 24.35 | 136.2 | 24.34 | 142.8 | 24.29 | 146.1 | 24.25 |
| | 15 | 104.2 | 20.57 | 113.2 | 22.25 | 122.3 | 23.91 | 127.8 | 24.64 | 132.0 | 24.83 | 135.1 | 24.82 | 141.8 | 24.80 | 145.0 | 24.76 |
| | 21 | 104.2 | 21.66 | 113.2 | 23.42 | 122.3 | 25.19 | 126.1 | 25.51 | 130.1 | 25.76 | 133.2 | 25.77 | 139.6 | 25.75 | 142.7 | 25.77 |
| | 23 | 104.2 | 22.14 | 113.2 | 23.93 | 122.2 | 25.72 | 125.6 | 25.86 | 129.3 | 26.15 | 132.4 | 26.17 | 138.0 | 26.47 | 140.7 | 26.66 |
| | 25 | 104.2 | 22.67 | 113.2 | 24.51 | 121.8 | 26.22 | 124.8 | 26.32 | 127.9 | 26.84 | 130.5 | 27.05 | 135.9 | 27.46 | 138.4 | 27.65 |
| | 27 | 104.2 | 23.25 | 113.2 | 25.15 | 120.5 | 26.96 | 123.0 | 27.20 | 125.8 | 27.80 | 128.4 | 28.01 | 133.5 | 28.42 | 136.2 | 28.63 |
| | 30 | 104.2 | 24.24 | 113.2 | 27.09 | 117.8 | 28.36 | 120.3 | 28.63 | 122.7 | 29.30 | 125.2 | 29.53 | 130.1 | 30.00 | 132.8 | 30.22 |
| | 33 | 104.2 | 26.30 | 112.5 | 29.57 | 114.9 | 29.86 | 117.4 | 30.15 | 119.4 | 30.88 | 121.8 | 31.12 | 126.7 | 31.59 | 129.1 | 31.84 |
| | 35 | 104.2 | 28.14 | 110.6 | 30.58 | 112.8 | 30.88 | 115.3 | 31.18 | 117.2 | 31.94 | 119.6 | 32.21 | 124.3 | 32.72 | 126.7 | 32.96 |
| | 37 | 104.2 | 30.16 | 108.5 | 31.62 | 110.7 | 31.92 | 113.1 | 32.24 | 114.9 | 33.03 | 117.2 | 33.31 | 121.9 | 33.82 | 124.3 | 34.07 |
| | 40 | 103.1 | 32.85 | 105.3 | 33.18 | 107.7 | 33.50 | 109.9 | 33.81 | 111.4 | 34.69 | 113.7 | 34.97 | 118.3 | 35.52 | 120.6 | 35.77 |
| | 43 | 100.1 | 34.42 | 102.3 | 34.75 | 104.5 | 35.09 | 106.7 | 35.42 | 107.9 | 36.33 | 110.2 | 36.63 | 114.6 | 37.19 | 116.8 | 37.47 |
| | 46 | 96.9 | 35.98 | 99.1 | 36.34 | 101.3 | 36.69 | 103.5 | 37.02 | 104.4 | 37.99 | 106.5 | 38.30 | 110.9 | 38.89 | 113.1 | 39.18 |
| 129.6 (120%) | 10 | 96.1 | 18.59 | 104.5 | 20.07 | 112.9 | 21.56 | 121.2 | 23.06 | 129.5 | 24.20 | 133.2 | 24.35 | 139.6 | 24.30 | 142.8 | 24.29 |
| | 15 | 96.1 | 19.10 | 104.5 | 20.65 | 112.9 | 22.18 | 121.2 | 23.73 | 129.1 | 24.84 | 132.2 | 24.83 | 138.6 | 24.81 | 141.8 | 24.79 |
| | 21 | 96.1 | 20.11 | 104.5 | 21.74 | 112.9 | 23.37 | 121.2 | 24.98 | 127.3 | 25.76 | 130.3 | 25.76 | 136.5 | 25.76 | 139.7 | 25.75 |
| | 23 | 96.1 | 20.53 | 104.5 | 22.19 | 112.9 | 23.87 | 121.2 | 25.54 | 126.6 | 26.14 | 129.5 | 26.15 | 135.3 | 26.32 | 138.0 | 26.47 |
| | 25 | 96.1 | 21.03 | 104.5 | 22.72 | 112.9 | 24.44 | 121.1 | 26.12 | 125.5 | 26.68 | 128.1 | 26.86 | 133.4 | 27.27 | 135.9 | 27.46 |
| | 27 | 96.1 | 21.57 | 104.5 | 23.33 | 112.9 | 25.07 | 120.2 | 26.93 | 123.6 | 27.63 | 126.2 | 27.82 | 131.3 | 28.25 | 133.8 | 28.44 |
| | 30 | 96.1 | 22.50 | 104.5 | 24.32 | 112.9 | 26.96 | 117.6 | 28.34 | 120.6 | 29.08 | 123.0 | 29.32 | 127.9 | 29.79 | 130.4 | 30.01 |
| | 33 | 96.1 | 23.61 | 104.5 | 26.43 | 112.5 | 29.57 | 114.7 | 29.84 | 117.4 | 30.66 | 119.8 | 30.90 | 124.5 | 31.40 | 126.9 | 31.62 |
| | 35 | 96.1 | 24.94 | 104.5 | 28.29 | 110.4 | 30.58 | 112.8 | 30.88 | 115.2 | 31.72 | 117.7 | 31.99 | 122.3 | 32.50 | 124.5 | 32.74 |
| | 37 | 96.1 | 26.68 | 104.5 | 30.32 | 108.5 | 31.62 | 110.7 | 31.92 | 113.0 | 32.81 | 115.3 | 33.08 | 119.9 | 33.60 | 122.1 | 33.87 |
| | 40 | 96.1 | 29.56 | 103.3 | 32.86 | 105.5 | 33.18 | 107.7 | 33.50 | 109.7 | 34.47 | 111.8 | 34.74 | 116.4 | 35.29 | 118.6 | 35.54 |
| | 43 | 96.1 | 32.82 | 100.2 | 34.44 | 102.4 | 34.77 | 104.5 | 35.10 | 106.3 | 36.10 | 108.4 | 36.40 | 112.7 | 36.98 | 114.9 | 37.26 |
| | 46 | 95.0 | 35.68 | 97.2 | 36.03 | 99.2 | 36.36 | 101.3 | 36.71 | 102.8 | 37.76 | 104.9 | 38.07 | 109.2 | 38.68 | 111.2 | 38.97 |
| 118.8 (110%) | 10 | 88.1 | 17.14 | 95.8 | 18.51 | 103.4 | 19.88 | 111.2 | 21.25 | 118.8 | 22.31 | 128.8 | 24.08 | 135.9 | 24.34 | 139.1 | 24.31 |
| | 15 | 88.1 | 17.62 | 95.8 | 19.04 | 103.4 | 20.46 | 111.2 | 21.86 | 118.8 | 22.98 | 128.6 | 24.76 | 135.1 | 24.82 | 138.1 | 24.81 |
| | 21 | 88.1 | 18.55 | 95.8 | 20.05 | 103.4 | 21.53 | 111.2 | 23.03 | 118.8 | 24.27 | 127.1 | 25.76 | 133.2 | 25.77 | 136.2 | 25.76 |
| | 23 | 88.1 | 18.95 | 95.8 | 20.48 | 103.4 | 22.00 | 111.2 | 23.53 | 118.8 | 24.83 | 126.3 | 26.14 | 132.4 | 26.17 | 135.0 | 26.32 |
| | 25 | 88.1 | 19.40 | 95.8 | 20.96 | 103.4 | 22.51 | 111.2 | 24.09 | 118.8 | 25.46 | 125.3 | 26.66 | 130.5 | 27.05 | 133.2 | 27.24 |
| | 27 | 88.1 | 19.88 | 95.8 | 21.49 | 103.4 | 23.10 | 111.2 | 24.71 | 118.8 | 26.41 | 123.5 | 27.60 | 128.6 | 28.03 | 131.0 | 28.23 |
| | 30 | 88.1 | 20.73 | 95.8 | 22.42 | 103.4 | 24.10 | 111.2 | 26.36 | 118.2 | 28.84 | 120.5 | 29.08 | 125.4 | 29.56 | 127.9 | 29.77 |
| | 33 | 88.1 | 21.71 | 95.8 | 23.52 | 103.4 | 26.04 | 111.2 | 29.09 | 115.1 | 30.42 | 117.4 | 30.66 | 122.2 | 31.16 | 124.5 | 31.38 |
| | 35 | 88.1 | 22.52 | 95.8 | 24.81 | 103.4 | 27.86 | 110.1 | 30.51 | 113.1 | 31.47 | 115.3 | 31.74 | 119.9 | 32.25 | 122.3 | 32.50 |
| | 37 | 88.1 | 23.55 | 95.8 | 26.53 | 103.4 | 29.85 | 108.0 | 31.57 | 110.9 | 32.56 | 113.1 | 32.84 | 117.7 | 33.36 | 119.9 | 33.62 |
| | 40 | 88.1 | 25.99 | 95.8 | 29.40 | 103.1 | 32.83 | 105.2 | 33.13 | 107.7 | 34.19 | 109.9 | 34.49 | 114.3 | 35.04 | 116.5 | 35.29 |
| | 43 | 88.1 | 28.77 | 95.8 | 32.64 | 100.1 | 34.42 | 102.1 | 34.74 | 104.4 | 35.85 | 106.5 | 36.15 | 110.8 | 36.71 | 113.0 | 36.99 |
| | 46 | 88.1 | 31.91 | 95.0 | 35.65 | 97.0 | 36.01 | 99.1 | 36.34 | 101.0 | 37.51 | 103.2 | 37.81 | 107.3 | 38.42 | 109.3 | 38.71 |
| 108.0 (100%) | 10 | 80.2 | 15.72 | 87.2 | 16.96 | 94.0 | 18.20 | 101.0 | 19.46 | 108.0 | 20.41 | 117.2 | 22.02 | 131.9 | 24.35 | 134.9 | 24.34 |
| | 15 | 80.2 | 16.15 | 87.2 | 17.43 | 94.0 | 18.72 | 101.0 | 19.99 | 108.0 | 21.02 | 117.2 | 22.68 | 131.1 | 24.83 | 134.1 | 24.82 |
| | 21 | 80.2 | 16.97 | 87.2 | 18.34 | 94.0 | 19.71 | 101.0 | 21.05 | 108.0 | 22.19 | 117.2 | 23.96 | 129.3 | 25.76 | 132.2 | 25.77 |
| | 23 | 80.2 | 17.34 | 87.2 | 18.74 | 94.0 | 20.13 | 101.0 | 21.51 | 108.0 | 22.70 | 117.2 | 24.51 | 128.5 | 26.16 | 131.4 | 26.15 |
| | 25 | 80.2 | 17.74 | 87.2 | 19.17 | 94.0 | 20.59 | 101.0 | 22.01 | 108.0 | 23.27 | 117.2 | 25.12 | 127.2 | 26.79 | 129.7 | 27.00 |
| | 27 | 80.2 | 18.20 | 87.2 | 19.67 | 94.0 | 21.12 | 101.0 | 22.59 | 108.0 | 23.89 | 117.2 | 25.84 | 125.4 | 27.77 | 127.8 | 27.96 |
| | 30 | 80.2 | 18.97 | 87.2 | 20.50 | 94.0 | 22.03 | 101.0 | 23.55 | 108.0 | 25.13 | 117.2 | 28.47 | 122.4 | 29.27 | 124.9 | 29.51 |
| | 33 | 80.2 | 19.87 | 87.2 | 21.48 | 94.0 | 23.09 | 101.0 | 25.10 | 108.0 | 27.78 | 114.9 | 30.38 | 119.3 | 30.88 | 121.7 | 31.09 |
| | 35 | 80.2 | 20.59 | 87.2 | 22.28 | 94.0 | 24.16 | 101.0 | 26.86 | 108.0 | 29.79 | 112.8 | 31.45 | 117.2 | 31.96 | 119.6 | 32.21 |
| | 37 | 80.2 | 21.41 | 87.2 | 23.26 | 94.0 | 25.80 | 101.0 | 28.75 | 108.0 | 31.97 | 110.7 | 32.54 | 115.0 | 33.06 | 117.2 | 33.33 |
| | 40 | 80.2 | 22.93 | 87.2 | 25.55 | 94.0 | 28.60 | 101.0 | 31.92 | 105.4 | 33.89 | 107.5 | 34.17 | 111.8 | 34.74 | 114.0 | 34.99 |
| | 43 | 80.2 | 25.09 | 87.2 | 28.28 | 94.0 | 31.73 | 99.4 | 34.32 | 102.2 | 35.54 | 104.3 | 35.85 | 108.6 | 36.41 | 110.5 | 36.68 |
| | 46 | 80.2 | 27.74 | 87.2 | 31.34 | 94.0 | 35.25 | 96.4 | 35.91 | 99.0 | 37.20 | 101.0 | 37.51 | 105.1 | 38.12 | 107.1 | 38.40 |

MODEL SELECTION

| Cooling capacity at rated condition: 108.0 kW (38HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 97.2 (90%) | 10 | 72.1 | 14.27 | 78.3 | 15.40 | 84.7 | 16.51 | 91.0 | 17.64 | 97.2 | 18.52 | 105.5 | 19.97 | 122.0 | 22.86 | 129.9 | 24.26 |
| | 15 | 72.1 | 14.67 | 78.3 | 15.83 | 84.7 | 16.99 | 91.0 | 18.14 | 97.2 | 19.05 | 105.5 | 20.55 | 122.0 | 23.55 | 129.3 | 24.84 |
| | 21 | 72.1 | 15.42 | 78.3 | 16.65 | 84.7 | 17.87 | 91.0 | 19.08 | 97.2 | 20.11 | 105.5 | 21.69 | 122.0 | 24.88 | 127.7 | 25.76 |
| | 23 | 72.1 | 15.76 | 78.3 | 17.00 | 84.7 | 18.24 | 91.0 | 19.50 | 97.2 | 20.56 | 105.5 | 22.19 | 122.0 | 25.44 | 127.1 | 26.14 |
| | 25 | 72.1 | 16.11 | 78.3 | 17.40 | 84.7 | 18.67 | 91.0 | 19.96 | 97.2 | 21.07 | 105.5 | 22.75 | 122.0 | 26.07 | 125.9 | 26.70 |
| | 27 | 72.1 | 16.53 | 78.3 | 17.85 | 84.7 | 19.15 | 91.0 | 20.46 | 97.2 | 21.65 | 105.5 | 23.36 | 121.8 | 27.42 | 124.2 | 27.67 |
| | 30 | 72.1 | 17.22 | 78.3 | 18.59 | 84.7 | 19.97 | 91.0 | 21.34 | 97.2 | 22.62 | 105.5 | 24.43 | 119.1 | 28.94 | 121.4 | 29.16 |
| | 33 | 72.1 | 18.02 | 78.3 | 19.47 | 84.7 | 20.90 | 91.0 | 22.35 | 97.2 | 23.81 | 105.5 | 26.76 | 116.2 | 30.52 | 118.4 | 30.76 |
| | 35 | 72.1 | 18.67 | 78.3 | 20.17 | 84.7 | 21.70 | 91.0 | 23.26 | 97.2 | 25.32 | 105.5 | 28.67 | 114.2 | 31.60 | 116.3 | 31.86 |
| | 37 | 72.1 | 19.41 | 78.3 | 20.99 | 84.7 | 22.60 | 91.0 | 24.57 | 97.2 | 27.12 | 105.5 | 30.76 | 112.0 | 32.71 | 114.2 | 32.96 |
| | 40 | 72.1 | 20.65 | 78.3 | 22.42 | 84.7 | 24.51 | 91.0 | 27.21 | 97.2 | 30.11 | 104.7 | 33.82 | 109.1 | 34.37 | 111.0 | 34.64 |
| | 43 | 72.1 | 22.20 | 78.3 | 24.33 | 84.7 | 27.14 | 91.0 | 30.14 | 97.2 | 33.48 | 101.8 | 35.47 | 105.9 | 36.05 | 107.8 | 36.33 |
| | 46 | 72.1 | 24.05 | 78.3 | 26.91 | 84.7 | 30.05 | 91.0 | 33.45 | 96.6 | 36.82 | 98.6 | 37.13 | 102.6 | 37.74 | 104.6 | 38.02 |
| 86.4 (80%) | 10 | 64.0 | 12.85 | 69.7 | 13.85 | 75.3 | 14.83 | 80.8 | 15.83 | 86.4 | 16.60 | 93.7 | 17.89 | 108.3 | 20.47 | 115.6 | 21.76 |
| | 15 | 64.0 | 13.20 | 69.7 | 14.22 | 75.3 | 15.25 | 80.8 | 16.28 | 86.4 | 17.10 | 93.7 | 18.42 | 108.3 | 21.08 | 115.6 | 22.42 |
| | 21 | 64.0 | 13.86 | 69.7 | 14.94 | 75.3 | 16.03 | 80.8 | 17.13 | 86.4 | 18.03 | 93.7 | 19.45 | 108.3 | 22.27 | 115.6 | 23.67 |
| | 23 | 64.0 | 14.15 | 69.7 | 15.26 | 75.3 | 16.37 | 80.8 | 17.48 | 86.4 | 18.43 | 93.7 | 19.88 | 108.3 | 22.77 | 115.6 | 24.22 |
| | 25 | 64.0 | 14.48 | 69.7 | 15.61 | 75.3 | 16.76 | 80.8 | 17.90 | 86.4 | 18.88 | 93.7 | 20.38 | 108.3 | 23.33 | 115.6 | 24.83 |
| | 27 | 64.0 | 14.84 | 69.7 | 16.01 | 75.3 | 17.19 | 80.8 | 18.35 | 86.4 | 19.40 | 93.7 | 20.91 | 108.3 | 23.97 | 115.6 | 25.50 |
| | 30 | 64.0 | 15.46 | 69.7 | 16.67 | 75.3 | 17.91 | 80.8 | 19.12 | 86.4 | 20.26 | 93.7 | 21.86 | 108.3 | 25.24 | 115.6 | 27.90 |
| | 33 | 64.0 | 16.17 | 69.7 | 17.44 | 75.3 | 18.74 | 80.8 | 20.03 | 86.4 | 21.26 | 93.7 | 22.95 | 108.3 | 27.91 | 114.6 | 30.35 |
| | 35 | 64.0 | 16.75 | 69.7 | 18.09 | 75.3 | 19.43 | 80.8 | 20.77 | 86.4 | 22.06 | 93.7 | 23.98 | 108.3 | 29.93 | 112.6 | 31.42 |
| | 37 | 64.0 | 17.41 | 69.7 | 18.81 | 75.3 | 20.20 | 80.8 | 21.60 | 86.4 | 23.06 | 93.7 | 25.67 | 108.3 | 32.14 | 110.7 | 32.54 |
| | 40 | 64.0 | 18.52 | 69.7 | 20.02 | 75.3 | 21.50 | 80.8 | 23.14 | 86.4 | 25.27 | 93.7 | 28.49 | 105.6 | 33.92 | 107.7 | 34.19 |
| | 43 | 64.0 | 19.83 | 69.7 | 21.46 | 75.3 | 23.20 | 80.8 | 25.40 | 86.4 | 28.01 | 93.7 | 31.65 | 102.6 | 35.60 | 104.5 | 35.87 |
| | 46 | 64.0 | 21.33 | 69.7 | 23.21 | 75.3 | 25.40 | 80.8 | 28.10 | 86.4 | 31.08 | 93.7 | 35.18 | 99.6 | 37.28 | 101.6 | 37.58 |
| 75.6 (70%) | 10 | 56.1 | 11.41 | 61.0 | 12.28 | 65.9 | 13.17 | 70.7 | 14.03 | 75.6 | 14.70 | 82.1 | 15.83 | 94.8 | 18.10 | 101.2 | 19.23 |
| | 15 | 56.1 | 11.72 | 61.0 | 12.62 | 65.9 | 13.51 | 70.7 | 14.41 | 75.6 | 15.13 | 82.1 | 16.29 | 94.8 | 18.63 | 101.2 | 19.79 |
| | 21 | 56.1 | 12.31 | 61.0 | 13.26 | 65.9 | 14.20 | 70.7 | 15.15 | 75.6 | 15.95 | 82.1 | 17.19 | 94.8 | 19.66 | 101.2 | 20.90 |
| | 23 | 56.1 | 12.55 | 61.0 | 13.52 | 65.9 | 14.50 | 70.7 | 15.47 | 75.6 | 16.29 | 82.1 | 17.56 | 94.8 | 20.09 | 101.2 | 21.35 |
| | 25 | 56.1 | 12.84 | 61.0 | 13.84 | 65.9 | 14.84 | 70.7 | 15.82 | 75.6 | 16.69 | 82.1 | 18.01 | 94.8 | 20.59 | 101.2 | 21.88 |
| | 27 | 56.1 | 13.16 | 61.0 | 14.19 | 65.9 | 15.21 | 70.7 | 16.22 | 75.6 | 17.14 | 82.1 | 18.48 | 94.8 | 21.15 | 101.2 | 22.49 |
| | 30 | 56.1 | 13.69 | 61.0 | 14.77 | 65.9 | 15.83 | 70.7 | 16.91 | 75.6 | 17.91 | 82.1 | 19.30 | 94.8 | 22.10 | 101.2 | 23.50 |
| | 33 | 56.1 | 14.31 | 61.0 | 15.44 | 65.9 | 16.57 | 70.7 | 17.68 | 75.6 | 18.78 | 82.1 | 20.26 | 94.8 | 23.20 | 101.2 | 25.12 |
| | 35 | 56.1 | 14.84 | 61.0 | 16.01 | 65.9 | 17.17 | 70.7 | 18.35 | 75.6 | 19.48 | 82.1 | 21.01 | 94.8 | 24.39 | 101.2 | 26.91 |
| | 37 | 56.1 | 15.41 | 61.0 | 16.62 | 65.9 | 17.84 | 70.7 | 19.07 | 75.6 | 20.28 | 82.1 | 21.86 | 94.8 | 26.12 | 101.2 | 28.85 |
| | 40 | 56.1 | 16.37 | 61.0 | 17.68 | 65.9 | 18.99 | 70.7 | 20.28 | 75.6 | 21.61 | 82.1 | 23.49 | 94.8 | 29.00 | 101.2 | 32.09 |
| | 43 | 56.1 | 17.52 | 61.0 | 18.92 | 65.9 | 20.33 | 70.7 | 21.77 | 75.6 | 23.33 | 82.1 | 25.98 | 94.8 | 32.22 | 100.7 | 35.32 |
| | 46 | 56.1 | 18.84 | 61.0 | 20.36 | 65.9 | 21.91 | 70.7 | 23.56 | 75.6 | 25.65 | 82.1 | 28.77 | 94.8 | 35.84 | 97.8 | 37.02 |
| 64.8 (60%) | 10 | 48.1 | 9.98 | 52.3 | 10.72 | 56.4 | 11.48 | 60.7 | 12.22 | 64.8 | 12.81 | 70.2 | 13.76 | 81.3 | 15.70 | 86.7 | 16.68 |
| | 15 | 48.1 | 10.25 | 52.3 | 11.01 | 56.4 | 11.78 | 60.7 | 12.54 | 64.8 | 13.17 | 70.2 | 14.15 | 81.3 | 16.16 | 86.7 | 17.16 |
| | 21 | 48.1 | 10.75 | 52.3 | 11.55 | 56.4 | 12.36 | 60.7 | 13.18 | 64.8 | 13.87 | 70.2 | 14.92 | 81.3 | 17.03 | 86.7 | 18.11 |
| | 23 | 48.1 | 10.97 | 52.3 | 11.79 | 56.4 | 12.63 | 60.7 | 13.47 | 64.8 | 14.16 | 70.2 | 15.26 | 81.3 | 17.42 | 86.7 | 18.51 |
| | 25 | 48.1 | 11.21 | 52.3 | 12.05 | 56.4 | 12.92 | 60.7 | 13.76 | 64.8 | 14.50 | 70.2 | 15.63 | 81.3 | 17.85 | 86.7 | 18.96 |
| | 27 | 48.1 | 11.47 | 52.3 | 12.35 | 56.4 | 13.24 | 60.7 | 14.11 | 64.8 | 14.90 | 70.2 | 16.03 | 81.3 | 18.33 | 86.7 | 19.46 |
| | 30 | 48.1 | 11.93 | 52.3 | 12.85 | 56.4 | 13.77 | 60.7 | 14.69 | 64.8 | 15.54 | 70.2 | 16.75 | 81.3 | 19.14 | 86.7 | 20.33 |
| | 33 | 48.1 | 12.46 | 52.3 | 13.43 | 56.4 | 14.41 | 60.7 | 15.36 | 64.8 | 16.28 | 70.2 | 17.54 | 81.3 | 20.08 | 86.7 | 21.34 |
| | 35 | 48.1 | 12.92 | 52.3 | 13.92 | 56.4 | 14.92 | 60.7 | 15.93 | 64.8 | 16.90 | 70.2 | 18.21 | 81.3 | 20.85 | 86.7 | 22.16 |
| | 37 | 48.1 | 13.41 | 52.3 | 14.44 | 56.4 | 15.49 | 60.7 | 16.54 | 64.8 | 17.57 | 70.2 | 18.94 | 81.3 | 21.68 | 86.7 | 23.17 |
| | 40 | 48.1 | 14.24 | 52.3 | 15.34 | 56.4 | 16.47 | 60.7 | 17.58 | 64.8 | 18.71 | 70.2 | 20.18 | 81.3 | 23.29 | 86.7 | 25.43 |
| | 43 | 48.1 | 15.21 | 52.3 | 16.42 | 56.4 | 17.63 | 60.7 | 18.81 | 64.8 | 20.05 | 70.2 | 21.66 | 81.3 | 25.65 | 86.7 | 28.19 |
| | 46 | 48.1 | 16.34 | 52.3 | 17.65 | 56.4 | 18.94 | 60.7 | 20.25 | 64.8 | 21.62 | 70.2 | 23.48 | 81.3 | 28.41 | 86.7 | 31.28 |
| 54.0 (50%) | 10 | 40.0 | 8.54 | 43.5 | 9.17 | 47.0 | 9.80 | 50.5 | 10.41 | 54.0 | 10.89 | 58.6 | 11.70 | 67.8 | 13.31 | 72.3 | 14.12 |
| | 15 | 40.0 | 8.77 | 43.5 | 9.41 | 47.0 | 10.04 | 50.5 | 10.70 | 54.0 | 11.20 | 58.6 | 12.04 | 67.8 | 13.70 | 72.3 | 14.52 |
| | 21 | 40.0 | 9.18 | 43.5 | 9.86 | 47.0 | 10.54 | 50.5 | 11.23 | 54.0 | 11.79 | 58.6 | 12.66 | 67.8 | 14.42 | 72.3 | 15.32 |
| | 23 | 40.0 | 9.36 | 43.5 | 10.05 | 47.0 | 10.76 | 50.5 | 11.44 | 54.0 | 12.05 | 58.6 | 12.95 | 67.8 | 14.74 | 72.3 | 15.66 |
| | 25 | 40.0 | 9.57 | 43.5 | 10.28 | 47.0 | 11.00 | 50.5 | 11.71 | 54.0 | 12.32 | 58.6 | 13.24 | 67.8 | 15.11 | 72.3 | 16.03 |
| | 27 | 40.0 | 9.79 | 43.5 | 10.52 | 47.0 | 11.26 | 50.5 | 11.98 | 54.0 | 12.63 | 58.6 | 13.58 | 67.8 | 15.51 | 72.3 | 16.46 |
| | 30 | 40.0 | 10.18 | 43.5 | 10.95 | 47.0 | 11.71 | 50.5 | 12.48 | 54.0 | 13.19 | 58.6 | 14.19 | 67.8 | 16.17 | 72.3 | 17.17 |
| | 33 | 40.0 | 10.61 | 43.5 | 11.43 | 47.0 | 12.22 | 50.5 | 13.04 | 54.0 | 13.80 | 58.6 | 14.85 | 67.8 | 16.96 | 72.3 | 18.02 |
| | 35 | 40.0 | 11.00 | 43.5 | 11.82 | 47.0 | 12.66 | 50.5 | 13.50 | 54.0 | 14.31 | 58.6 | 15.40 | 67.8 | 17.61 | 72.3 | 18.69 |
| | 37 | 40.0 | 11.41 | 43.5 | 12.28 | 47.0 | 13.15 | 50.5 | 14.02 | 54.0 | 14.88 | 58.6 | 16.01 | 67.8 | 18.30 | 72.3 | 19.44 |
| | 40 | 40.0 | 12.08 | 43.5 | 13.03 | 47.0 | 13.95 | 50.5 | 14.89 | 54.0 | 15.82 | 58.6 | 17.05 | 67.8 | 19.49 | 72.3 | 20.73 |
| | 43 | 40.0 | 12.90 | 43.5 | 13.92 | 47.0 | 14.92 | 50.5 | 15.92 | 54.0 | 16.95 | 58.6 | 18.26 | 67.8 | 20.89 | 72.3 | 22.29 |
| | 46 | 40.0 | 13.84 | 43.5 | 14.92 | 47.0 | 16.02 | 50.5 | 17.10 | 54.0 | 18.21 | 58.6 | 19.66 | 67.8 | 22.60 | 72.3 | 24.17 |

# ■ Model: AJ∗360GALDHH

| Cooling capacity at rated condition: 113.0kW (40HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 169.5 (150%) | 10 | 122.9 | 24.41 | 129.2 | 25.19 | 132.4 | 25.21 | 135.7 | 25.23 | 139.6 | 25.58 | 143.1 | 25.56 | 149.9 | 25.47 | 153.5 | 25.41 |
| | 15 | 122.6 | 25.01 | 128.3 | 25.68 | 131.5 | 25.71 | 134.8 | 25.73 | 138.4 | 26.11 | 141.8 | 26.09 | 148.7 | 26.01 | 152.3 | 25.97 |
| | 21 | 122.0 | 26.16 | 126.6 | 26.59 | 129.7 | 26.63 | 132.9 | 26.68 | 136.3 | 27.12 | 139.6 | 27.10 | 146.1 | 27.12 | 149.4 | 27.17 |
| | 23 | 121.7 | 26.66 | 125.8 | 26.98 | 129.0 | 27.03 | 132.1 | 27.07 | 135.3 | 27.57 | 138.4 | 27.64 | 144.5 | 27.84 | 147.6 | 27.92 |
| | 25 | 121.4 | 27.21 | 125.0 | 27.41 | 128.0 | 27.54 | 130.8 | 27.70 | 133.7 | 28.31 | 136.7 | 28.43 | 142.5 | 28.73 | 145.3 | 28.92 |
| | 27 | 120.7 | 27.97 | 123.5 | 28.13 | 126.4 | 28.32 | 129.3 | 28.48 | 131.8 | 29.17 | 134.6 | 29.37 | 140.1 | 29.77 | 142.7 | 29.97 |
| | 30 | 118.5 | 29.14 | 121.2 | 29.37 | 123.8 | 29.64 | 126.5 | 29.90 | 128.4 | 30.75 | 131.0 | 30.97 | 136.3 | 31.43 | 138.9 | 31.64 |
| | 33 | 115.5 | 30.63 | 118.1 | 30.92 | 120.6 | 31.20 | 123.1 | 31.49 | 124.9 | 32.42 | 127.5 | 32.66 | 132.5 | 33.15 | 135.1 | 33.37 |
| | 35 | 113.4 | 31.69 | 116.0 | 31.99 | 118.4 | 32.30 | 121.0 | 32.59 | 122.5 | 33.57 | 125.0 | 33.83 | 130.0 | 34.33 | 132.5 | 34.58 |
| | 37 | 111.3 | 32.77 | 113.7 | 33.08 | 116.3 | 33.40 | 118.7 | 33.69 | 120.0 | 34.74 | 122.6 | 35.00 | 127.3 | 35.52 | 129.9 | 35.77 |
| | 40 | 108.0 | 34.41 | 110.4 | 34.73 | 112.8 | 35.05 | 115.2 | 35.37 | 116.3 | 36.49 | 118.7 | 36.77 | 123.5 | 37.32 | 125.8 | 37.57 |
| | 43 | 104.7 | 36.05 | 106.9 | 36.39 | 109.3 | 36.73 | 111.7 | 37.06 | 112.6 | 38.26 | 114.9 | 38.55 | 119.5 | 39.11 | 121.9 | 39.39 |
| | 46 | 101.4 | 37.71 | 103.6 | 38.07 | 105.9 | 38.42 | 108.1 | 38.76 | 108.8 | 40.02 | 111.0 | 40.34 | 115.6 | 40.92 | 117.8 | 41.21 |
| 158.2 (140%) | 10 | 117.3 | 23.62 | 125.0 | 24.78 | 130.4 | 25.38 | 133.5 | 25.40 | 137.7 | 25.74 | 141.1 | 25.71 | 147.9 | 25.64 | 151.4 | 25.60 |
| | 15 | 117.2 | 24.27 | 124.6 | 25.40 | 129.4 | 25.88 | 132.6 | 25.90 | 136.7 | 26.26 | 140.0 | 26.24 | 146.8 | 26.18 | 150.2 | 26.13 |
| | 21 | 116.6 | 25.38 | 124.0 | 26.57 | 127.7 | 26.80 | 130.9 | 26.84 | 134.6 | 27.26 | 137.9 | 27.25 | 144.5 | 27.22 | 147.7 | 27.27 |
| | 23 | 116.3 | 25.84 | 123.7 | 27.06 | 127.0 | 27.18 | 130.1 | 27.23 | 133.7 | 27.67 | 136.9 | 27.74 | 142.9 | 27.91 | 145.9 | 28.00 |
| | 25 | 116.0 | 26.37 | 123.2 | 27.56 | 126.1 | 27.63 | 129.1 | 27.77 | 132.3 | 28.37 | 135.2 | 28.50 | 140.9 | 28.79 | 143.7 | 28.98 |
| | 27 | 115.7 | 26.96 | 121.9 | 28.21 | 124.7 | 28.37 | 127.6 | 28.55 | 130.5 | 29.21 | 133.2 | 29.43 | 138.6 | 29.83 | 141.3 | 30.03 |
| | 30 | 115.2 | 28.39 | 119.6 | 29.43 | 122.3 | 29.68 | 124.9 | 29.96 | 127.2 | 30.80 | 129.8 | 31.03 | 135.0 | 31.48 | 137.6 | 31.70 |
| | 33 | 114.1 | 30.65 | 116.7 | 30.98 | 119.2 | 31.27 | 121.7 | 31.56 | 123.7 | 32.47 | 126.2 | 32.72 | 131.3 | 33.22 | 133.8 | 33.45 |
| | 35 | 112.1 | 31.74 | 114.6 | 32.05 | 117.0 | 32.35 | 119.5 | 32.66 | 121.3 | 33.63 | 123.8 | 33.90 | 128.8 | 34.40 | 131.3 | 34.65 |
| | 37 | 110.0 | 32.83 | 112.4 | 33.15 | 114.9 | 33.46 | 117.3 | 33.77 | 118.9 | 34.80 | 121.4 | 35.07 | 126.3 | 35.60 | 128.7 | 35.85 |
| | 40 | 106.8 | 34.48 | 109.1 | 34.80 | 111.5 | 35.14 | 113.9 | 35.45 | 115.3 | 36.55 | 117.7 | 36.84 | 122.5 | 37.39 | 124.8 | 37.66 |
| | 43 | 103.5 | 36.13 | 105.8 | 36.47 | 108.2 | 36.82 | 110.5 | 37.15 | 111.6 | 38.32 | 113.9 | 38.63 | 118.5 | 39.20 | 120.9 | 39.48 |
| | 46 | 100.3 | 37.80 | 102.5 | 38.15 | 104.7 | 38.52 | 106.9 | 38.86 | 107.9 | 40.11 | 110.1 | 40.41 | 114.6 | 41.02 | 116.9 | 41.31 |
| 146.9 (130%) | 10 | 109.0 | 22.04 | 118.5 | 23.84 | 126.0 | 25.04 | 131.1 | 25.59 | 135.7 | 25.91 | 139.0 | 25.90 | 145.7 | 25.84 | 149.1 | 25.79 |
| | 15 | 109.0 | 22.66 | 118.5 | 24.52 | 125.7 | 25.65 | 130.3 | 26.10 | 134.7 | 26.44 | 137.9 | 26.42 | 144.7 | 26.39 | 148.0 | 26.34 |
| | 21 | 109.0 | 23.87 | 118.1 | 25.71 | 125.0 | 26.84 | 128.5 | 27.03 | 132.7 | 27.43 | 135.9 | 27.43 | 142.4 | 27.40 | 145.7 | 27.40 |
| | 23 | 109.0 | 24.40 | 117.9 | 26.19 | 124.7 | 27.32 | 127.9 | 27.41 | 131.9 | 27.85 | 135.1 | 27.86 | 141.2 | 27.99 | 144.1 | 28.10 |
| | 25 | 109.0 | 24.98 | 117.6 | 26.73 | 124.1 | 27.80 | 127.1 | 27.87 | 130.7 | 28.45 | 133.6 | 28.57 | 139.3 | 28.88 | 142.0 | 29.08 |
| | 27 | 109.0 | 25.63 | 117.3 | 27.33 | 122.9 | 28.45 | 125.7 | 28.61 | 129.0 | 29.29 | 131.7 | 29.50 | 136.9 | 29.92 | 139.7 | 30.13 |
| | 30 | 109.0 | 26.73 | 116.7 | 28.91 | 120.5 | 29.76 | 123.1 | 30.03 | 125.8 | 30.87 | 128.4 | 31.10 | 133.4 | 31.57 | 136.1 | 31.80 |
| | 33 | 108.9 | 28.94 | 115.1 | 31.04 | 117.5 | 31.33 | 120.1 | 31.63 | 122.4 | 32.56 | 124.9 | 32.81 | 129.9 | 33.30 | 132.4 | 33.55 |
| | 35 | 108.1 | 30.52 | 113.1 | 32.12 | 115.4 | 32.43 | 118.0 | 32.73 | 120.1 | 33.71 | 122.6 | 33.98 | 127.5 | 34.50 | 129.9 | 34.75 |
| | 37 | 107.4 | 32.21 | 111.0 | 33.23 | 113.3 | 33.54 | 115.7 | 33.86 | 117.7 | 34.88 | 120.1 | 35.16 | 125.0 | 35.69 | 127.4 | 35.95 |
| | 40 | 105.4 | 34.55 | 107.7 | 34.89 | 110.1 | 35.22 | 112.4 | 35.55 | 114.2 | 36.65 | 116.5 | 36.95 | 121.2 | 37.51 | 123.6 | 37.77 |
| | 43 | 102.3 | 36.23 | 104.6 | 36.58 | 106.8 | 36.92 | 109.1 | 37.26 | 110.6 | 38.42 | 112.9 | 38.73 | 117.4 | 39.31 | 119.7 | 39.60 |
| | 46 | 99.0 | 37.90 | 101.3 | 38.27 | 103.5 | 38.63 | 105.8 | 38.98 | 106.9 | 40.21 | 109.1 | 40.53 | 113.6 | 41.14 | 115.9 | 41.44 |
| 135.6 (120%) | 10 | 100.6 | 20.46 | 109.4 | 22.11 | 118.1 | 23.76 | 126.1 | 25.20 | 133.2 | 26.05 | 136.8 | 26.12 | 143.3 | 26.07 | 146.6 | 26.05 |
| | 15 | 100.6 | 21.03 | 109.3 | 22.74 | 118.1 | 24.45 | 125.8 | 25.83 | 132.6 | 26.65 | 135.7 | 26.64 | 142.3 | 26.62 | 145.6 | 26.59 |
| | 21 | 100.6 | 22.15 | 109.3 | 23.95 | 118.1 | 25.76 | 125.2 | 27.00 | 130.7 | 27.64 | 133.8 | 27.65 | 140.2 | 27.64 | 143.4 | 27.62 |
| | 23 | 100.6 | 22.62 | 109.3 | 24.46 | 118.1 | 26.31 | 124.9 | 27.52 | 129.9 | 28.06 | 133.0 | 28.07 | 139.1 | 28.15 | 142.1 | 28.22 |
| | 25 | 100.6 | 23.16 | 109.3 | 25.05 | 118.1 | 26.95 | 124.5 | 28.05 | 128.9 | 28.57 | 131.8 | 28.68 | 137.4 | 28.99 | 140.1 | 29.19 |
| | 27 | 100.6 | 23.76 | 109.3 | 25.71 | 117.9 | 27.58 | 123.6 | 28.73 | 127.3 | 29.41 | 130.0 | 29.61 | 135.2 | 30.05 | 137.9 | 30.25 |
| | 30 | 100.6 | 24.79 | 109.3 | 26.82 | 117.2 | 29.22 | 121.1 | 30.14 | 124.2 | 30.97 | 126.7 | 31.21 | 131.8 | 31.69 | 134.4 | 31.93 |
| | 33 | 100.6 | 26.02 | 109.3 | 29.13 | 115.8 | 31.46 | 118.2 | 31.75 | 120.9 | 32.67 | 123.4 | 32.92 | 128.3 | 33.44 | 130.8 | 33.68 |
| | 35 | 100.6 | 27.48 | 109.1 | 31.04 | 113.7 | 32.55 | 116.1 | 32.87 | 118.7 | 33.82 | 121.2 | 34.10 | 126.0 | 34.63 | 128.3 | 34.88 |
| | 37 | 100.6 | 29.42 | 108.3 | 32.76 | 111.7 | 33.68 | 114.0 | 34.00 | 116.4 | 35.00 | 118.8 | 35.28 | 123.5 | 35.83 | 125.8 | 36.10 |
| | 40 | 100.6 | 32.65 | 106.3 | 35.03 | 108.6 | 35.37 | 110.9 | 35.70 | 112.9 | 36.79 | 115.2 | 37.08 | 119.9 | 37.65 | 122.2 | 37.92 |
| | 43 | 99.7 | 35.60 | 103.1 | 36.73 | 105.4 | 37.08 | 107.6 | 37.43 | 109.4 | 38.57 | 111.6 | 38.88 | 116.1 | 39.48 | 118.4 | 39.77 |
| | 46 | 97.8 | 38.08 | 100.0 | 38.45 | 102.1 | 38.80 | 104.3 | 39.17 | 105.8 | 40.36 | 108.0 | 40.69 | 112.4 | 41.32 | 114.6 | 41.63 |
| 124.3 (110%) | 10 | 92.2 | 18.86 | 100.2 | 20.38 | 108.2 | 21.90 | 116.3 | 23.42 | 124.3 | 24.59 | 133.6 | 26.22 | 140.4 | 26.33 | 143.7 | 26.31 |
| | 15 | 92.2 | 19.39 | 100.2 | 20.96 | 108.2 | 22.53 | 116.3 | 24.09 | 124.3 | 25.33 | 133.0 | 26.84 | 139.5 | 26.87 | 142.7 | 26.85 |
| | 21 | 92.2 | 20.41 | 100.2 | 22.07 | 108.2 | 23.72 | 116.3 | 25.38 | 124.3 | 26.76 | 131.3 | 27.88 | 137.6 | 27.89 | 140.7 | 27.88 |
| | 23 | 92.2 | 20.86 | 100.2 | 22.55 | 108.2 | 24.24 | 116.3 | 25.93 | 124.3 | 27.38 | 130.5 | 28.30 | 136.7 | 28.32 | 139.6 | 28.40 |
| | 25 | 92.2 | 21.35 | 100.2 | 23.09 | 108.2 | 24.81 | 116.3 | 26.56 | 124.3 | 28.07 | 129.6 | 28.81 | 135.2 | 29.09 | 137.9 | 29.30 |
| | 27 | 92.2 | 21.89 | 100.2 | 23.68 | 108.2 | 25.46 | 116.3 | 27.25 | 124.0 | 28.92 | 127.9 | 29.71 | 133.1 | 30.16 | 135.7 | 30.38 |
| | 30 | 92.2 | 22.83 | 100.2 | 24.70 | 108.2 | 26.57 | 116.3 | 29.03 | 122.4 | 31.06 | 124.8 | 31.31 | 129.9 | 31.81 | 132.4 | 32.04 |
| | 33 | 92.2 | 23.92 | 100.2 | 25.92 | 108.2 | 28.69 | 115.8 | 31.75 | 119.2 | 32.78 | 121.6 | 33.04 | 126.5 | 33.56 | 128.9 | 33.81 |
| | 35 | 92.2 | 24.82 | 100.2 | 27.33 | 108.2 | 30.73 | 114.3 | 33.09 | 117.0 | 33.93 | 119.4 | 34.22 | 124.2 | 34.76 | 126.6 | 35.02 |
| | 37 | 92.2 | 25.95 | 100.2 | 29.26 | 108.2 | 32.95 | 112.2 | 34.25 | 114.8 | 35.12 | 117.1 | 35.42 | 121.8 | 35.97 | 124.1 | 36.24 |
| | 40 | 92.2 | 28.66 | 100.2 | 32.46 | 107.0 | 35.64 | 109.2 | 35.97 | 111.4 | 36.90 | 113.7 | 37.22 | 118.3 | 37.80 | 120.6 | 38.08 |
| | 43 | 92.2 | 31.77 | 100.2 | 36.09 | 103.8 | 37.38 | 106.0 | 37.72 | 108.0 | 38.71 | 110.2 | 39.03 | 114.7 | 39.64 | 116.9 | 39.93 |
| | 46 | 92.2 | 35.28 | 98.5 | 38.74 | 100.7 | 39.12 | 102.8 | 39.49 | 104.5 | 40.53 | 106.7 | 40.85 | 111.0 | 41.49 | 113.2 | 41.80 |
| 113.0 (100%) | 10 | 83.9 | 17.28 | 91.2 | 18.66 | 98.4 | 20.03 | 105.7 | 21.42 | 113.0 | 22.48 | 122.6 | 24.27 | 137.4 | 26.66 | 140.5 | 26.65 |
| | 15 | 83.9 | 17.76 | 91.2 | 19.17 | 98.4 | 20.60 | 105.7 | 22.02 | 113.0 | 23.15 | 122.6 | 25.00 | 136.5 | 27.20 | 139.6 | 27.19 |
| | 21 | 83.9 | 18.67 | 91.2 | 20.18 | 98.4 | 21.70 | 105.7 | 23.19 | 113.0 | 24.45 | 122.6 | 26.41 | 134.7 | 28.22 | 137.7 | 28.22 |
| | 23 | 83.9 | 19.08 | 91.2 | 20.63 | 98.4 | 22.16 | 105.7 | 23.70 | 113.0 | 25.02 | 122.6 | 27.02 | 133.9 | 28.65 | 136.9 | 28.65 |
| | 25 | 83.9 | 19.52 | 91.2 | 21.11 | 98.4 | 22.68 | 105.7 | 24.26 | 113.0 | 25.64 | 122.6 | 27.70 | 132.7 | 29.27 | 135.3 | 29.49 |
| | 27 | 83.9 | 20.03 | 91.2 | 21.66 | 98.4 | 23.27 | 105.7 | 24.89 | 113.0 | 26.34 | 122.6 | 28.48 | 130.8 | 30.35 | 133.3 | 30.56 |
| | 30 | 83.9 | 20.88 | 91.2 | 22.58 | 98.4 | 24.28 | 105.7 | 25.96 | 113.0 | 27.67 | 122.5 | 31.32 | 127.6 | 32.00 | 130.2 | 32.25 |
| | 33 | 83.9 | 21.87 | 91.2 | 23.66 | 98.4 | 25.44 | 105.7 | 27.65 | 113.0 | 30.62 | 119.7 | 33.23 | 124.4 | 33.77 | 126.8 | 34.02 |
| | 35 | 83.9 | 22.68 | 91.2 | 24.55 | 98.4 | 26.60 | 105.7 | 29.62 | 113.0 | 32.87 | 117.5 | 34.42 | 122.2 | 34.97 | 124.6 | 35.25 |
| | 37 | 83.9 | 23.59 | 91.2 | 25.63 | 98.4 | 28.45 | 105.7 | 31.74 | 112.8 | 35.15 | 115.4 | 35.62 | 119.9 | 36.19 | 122.2 | 36.48 |
| | 40 | 83.9 | 25.26 | 91.2 | 28.17 | 98.4 | 31.57 | 105.7 | 35.27 | 109.8 | 37.12 | 112.0 | 37.43 | 116.5 | 38.04 | 118.8 | 38.33 |
| | 43 | 83.9 | 27.67 | 91.2 | 31.22 | 98.4 | 35.07 | 103.6 | 37.56 | 106.5 | 38.94 | 108.7 | 39.28 | 113.1 | 39.90 | 115.2 | 40.19 |
| | 46 | 83.9 | 30.63 | 91.2 | 34.65 | 98.1 | 38.76 | 100.4 | 39.33 | 103.1 | 40.77 | 105.2 | 41.12 | 109.5 | 41.78 | 111.6 | 42.09 |

MODEL SELECTION

| Cooling capacity at rated condition: 113.0kW (40HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 101.7 (90%) | 10 | 75.4 | 15.67 | 82.0 | 16.92 | 88.6 | 18.16 | 95.2 | 19.41 | 101.7 | 20.38 | 110.3 | 21.99 | 127.6 | 25.20 | 135.5 | 26.62 |
| | 15 | 75.4 | 16.11 | 82.0 | 17.40 | 88.6 | 18.68 | 95.2 | 19.96 | 101.7 | 20.98 | 110.3 | 22.64 | 127.6 | 25.96 | 134.7 | 27.20 |
| | 21 | 75.4 | 16.95 | 82.0 | 18.31 | 88.6 | 19.66 | 95.2 | 21.01 | 101.7 | 22.15 | 110.3 | 23.90 | 127.6 | 27.43 | 133.0 | 28.21 |
| | 23 | 75.4 | 17.32 | 82.0 | 18.70 | 88.6 | 20.08 | 95.2 | 21.47 | 101.7 | 22.65 | 110.3 | 24.45 | 127.6 | 28.06 | 132.3 | 28.64 |
| | 25 | 75.4 | 17.71 | 82.0 | 19.14 | 88.6 | 20.56 | 95.2 | 21.98 | 101.7 | 23.22 | 110.3 | 25.07 | 127.6 | 28.76 | 131.3 | 29.17 |
| | 27 | 75.4 | 18.17 | 82.0 | 19.63 | 88.6 | 21.09 | 95.2 | 22.54 | 101.7 | 23.85 | 110.3 | 25.75 | 127.0 | 29.99 | 129.5 | 30.23 |
| | 30 | 75.4 | 18.93 | 82.0 | 20.46 | 88.6 | 21.99 | 95.2 | 23.51 | 101.7 | 24.92 | 110.3 | 26.93 | 124.1 | 31.64 | 126.6 | 31.88 |
| | 33 | 75.4 | 19.82 | 82.0 | 21.43 | 88.6 | 23.02 | 95.2 | 24.63 | 101.7 | 26.24 | 110.3 | 29.49 | 121.1 | 33.39 | 123.4 | 33.65 |
| | 35 | 75.4 | 20.55 | 82.0 | 22.22 | 88.6 | 23.90 | 95.2 | 25.63 | 101.7 | 27.90 | 110.3 | 31.63 | 119.0 | 34.59 | 121.2 | 34.86 |
| | 37 | 75.4 | 21.37 | 82.0 | 23.12 | 88.6 | 24.90 | 95.2 | 27.07 | 101.7 | 29.91 | 110.3 | 33.97 | 116.8 | 35.81 | 119.0 | 36.09 |
| | 40 | 75.4 | 22.75 | 82.0 | 24.70 | 88.6 | 27.02 | 95.2 | 30.02 | 101.7 | 33.26 | 109.1 | 37.04 | 113.6 | 37.65 | 115.7 | 37.94 |
| | 43 | 75.4 | 24.46 | 82.0 | 26.82 | 88.6 | 29.94 | 95.2 | 33.30 | 101.7 | 37.03 | 106.0 | 38.87 | 110.3 | 39.50 | 112.3 | 39.81 |
| | 46 | 75.4 | 26.49 | 82.0 | 29.69 | 88.6 | 33.21 | 95.2 | 37.01 | 100.6 | 40.36 | 102.7 | 40.71 | 106.8 | 41.37 | 108.9 | 41.68 |
| 90.4 (80%) | 10 | 67.0 | 14.09 | 72.9 | 15.20 | 78.8 | 16.30 | 84.6 | 17.41 | 90.4 | 18.26 | 98.0 | 19.69 | 113.4 | 22.55 | 121.0 | 23.98 |
| | 15 | 67.0 | 14.48 | 72.9 | 15.62 | 78.8 | 16.76 | 84.6 | 17.90 | 90.4 | 18.81 | 98.0 | 20.28 | 113.4 | 23.23 | 121.0 | 24.71 |
| | 21 | 67.0 | 15.22 | 72.9 | 16.42 | 78.8 | 17.63 | 84.6 | 18.84 | 90.4 | 19.84 | 98.0 | 21.41 | 113.4 | 24.54 | 121.0 | 26.10 |
| | 23 | 67.0 | 15.54 | 72.9 | 16.77 | 78.8 | 18.00 | 84.6 | 19.24 | 90.4 | 20.29 | 98.0 | 21.89 | 113.4 | 25.09 | 121.0 | 26.70 |
| | 25 | 67.0 | 15.90 | 72.9 | 17.16 | 78.8 | 18.43 | 84.6 | 19.69 | 90.4 | 20.79 | 98.0 | 22.44 | 113.4 | 25.72 | 121.0 | 27.37 |
| | 27 | 67.0 | 16.30 | 72.9 | 17.60 | 78.8 | 18.90 | 84.6 | 20.19 | 90.4 | 21.35 | 98.0 | 23.04 | 113.4 | 26.43 | 121.0 | 28.12 |
| | 30 | 67.0 | 16.99 | 72.9 | 18.33 | 78.8 | 19.70 | 84.6 | 21.05 | 90.4 | 22.31 | 98.0 | 24.08 | 113.4 | 27.80 | 121.0 | 30.76 |
| | 33 | 67.0 | 17.77 | 72.9 | 19.19 | 78.8 | 20.63 | 84.6 | 22.05 | 90.4 | 23.42 | 98.0 | 25.29 | 113.4 | 30.78 | 119.4 | 33.20 |
| | 35 | 67.0 | 18.43 | 72.9 | 19.91 | 78.8 | 21.39 | 84.6 | 22.87 | 90.4 | 24.31 | 98.0 | 26.41 | 113.4 | 33.04 | 117.4 | 34.39 |
| | 37 | 67.0 | 19.15 | 72.9 | 20.70 | 78.8 | 22.24 | 84.6 | 23.80 | 90.4 | 25.41 | 98.0 | 28.30 | 113.0 | 35.26 | 115.4 | 35.62 |
| | 40 | 67.0 | 20.39 | 72.9 | 22.05 | 78.8 | 23.69 | 84.6 | 25.49 | 90.4 | 27.86 | 98.0 | 31.45 | 110.1 | 37.16 | 112.2 | 37.45 |
| | 43 | 67.0 | 21.83 | 72.9 | 23.64 | 78.8 | 25.55 | 84.6 | 28.01 | 90.4 | 30.92 | 98.0 | 34.98 | 106.9 | 39.01 | 108.9 | 39.31 |
| | 46 | 67.0 | 23.50 | 72.9 | 25.57 | 78.8 | 28.02 | 84.6 | 31.03 | 90.4 | 34.35 | 98.0 | 38.95 | 103.7 | 40.87 | 105.8 | 41.19 |
| 79.1 (70%) | 10 | 58.7 | 12.50 | 63.8 | 13.47 | 68.9 | 14.45 | 74.0 | 15.40 | 79.1 | 16.15 | 85.9 | 17.40 | 99.2 | 19.91 | 105.9 | 21.17 |
| | 15 | 58.7 | 12.84 | 63.8 | 13.84 | 68.9 | 14.83 | 74.0 | 15.83 | 79.1 | 16.63 | 85.9 | 17.92 | 99.2 | 20.50 | 105.9 | 21.79 |
| | 21 | 58.7 | 13.50 | 63.8 | 14.55 | 68.9 | 15.59 | 74.0 | 16.65 | 79.1 | 17.53 | 85.9 | 18.91 | 99.2 | 21.64 | 105.9 | 23.02 |
| | 23 | 58.7 | 13.77 | 63.8 | 14.84 | 68.9 | 15.93 | 74.0 | 17.00 | 79.1 | 17.92 | 85.9 | 19.32 | 99.2 | 22.13 | 105.9 | 23.53 |
| | 25 | 58.7 | 14.09 | 63.8 | 15.19 | 68.9 | 16.30 | 74.0 | 17.39 | 79.1 | 18.36 | 85.9 | 19.81 | 99.2 | 22.68 | 105.9 | 24.11 |
| | 27 | 58.7 | 14.44 | 63.8 | 15.58 | 68.9 | 16.71 | 74.0 | 17.84 | 79.1 | 18.85 | 85.9 | 20.34 | 99.2 | 23.30 | 105.9 | 24.78 |
| | 30 | 58.7 | 15.03 | 63.8 | 16.22 | 68.9 | 17.40 | 74.0 | 18.60 | 79.1 | 19.70 | 85.9 | 21.24 | 99.2 | 24.35 | 105.9 | 25.90 |
| | 33 | 58.7 | 15.72 | 63.8 | 16.97 | 68.9 | 18.22 | 74.0 | 19.46 | 79.1 | 20.67 | 85.9 | 22.31 | 99.2 | 25.57 | 105.9 | 27.67 |
| | 35 | 58.7 | 16.30 | 63.8 | 17.60 | 68.9 | 18.89 | 74.0 | 20.19 | 79.1 | 21.45 | 85.9 | 23.15 | 99.2 | 26.87 | 105.9 | 29.67 |
| | 37 | 58.7 | 16.93 | 63.8 | 18.28 | 68.9 | 19.64 | 74.0 | 20.99 | 79.1 | 22.33 | 85.9 | 24.09 | 99.2 | 28.80 | 105.9 | 31.84 |
| | 40 | 58.7 | 18.01 | 63.8 | 19.46 | 68.9 | 20.90 | 74.0 | 22.34 | 79.1 | 23.81 | 85.9 | 25.88 | 99.2 | 32.01 | 105.9 | 35.46 |
| | 43 | 58.7 | 19.28 | 63.8 | 20.83 | 68.9 | 22.39 | 74.0 | 23.99 | 79.1 | 25.70 | 85.9 | 28.65 | 99.2 | 35.61 | 104.9 | 38.71 |
| | 46 | 58.7 | 20.74 | 63.8 | 22.42 | 68.9 | 24.15 | 74.0 | 25.96 | 79.1 | 28.29 | 85.9 | 31.78 | 99.2 | 39.68 | 101.9 | 40.58 |
| 67.8 (60%) | 10 | 50.3 | 10.91 | 54.7 | 11.74 | 59.0 | 12.57 | 63.5 | 13.40 | 67.8 | 14.05 | 73.5 | 15.11 | 85.1 | 17.26 | 90.8 | 18.34 |
| | 15 | 50.3 | 11.21 | 54.7 | 12.06 | 59.0 | 12.91 | 63.5 | 13.76 | 67.8 | 14.45 | 73.5 | 15.54 | 85.1 | 17.77 | 90.8 | 18.88 |
| | 21 | 50.3 | 11.76 | 54.7 | 12.66 | 59.0 | 13.56 | 63.5 | 14.47 | 67.8 | 15.23 | 73.5 | 16.39 | 85.1 | 18.74 | 90.8 | 19.92 |
| | 23 | 50.3 | 12.01 | 54.7 | 12.92 | 59.0 | 13.85 | 63.5 | 14.78 | 67.8 | 15.55 | 73.5 | 16.76 | 85.1 | 19.16 | 90.8 | 20.37 |
| | 25 | 50.3 | 12.28 | 54.7 | 13.21 | 59.0 | 14.17 | 63.5 | 15.11 | 67.8 | 15.93 | 73.5 | 17.17 | 85.1 | 19.64 | 90.8 | 20.87 |
| | 27 | 50.3 | 12.57 | 54.7 | 13.54 | 59.0 | 14.52 | 63.5 | 15.49 | 67.8 | 16.36 | 73.5 | 17.62 | 85.1 | 20.17 | 90.8 | 21.43 |
| | 30 | 50.3 | 13.08 | 54.7 | 14.10 | 59.0 | 15.12 | 63.5 | 16.13 | 67.8 | 17.08 | 73.5 | 18.42 | 85.1 | 21.07 | 90.8 | 22.39 |
| | 33 | 50.3 | 13.67 | 54.7 | 14.74 | 59.0 | 15.82 | 63.5 | 16.88 | 67.8 | 17.90 | 73.5 | 19.30 | 85.1 | 22.11 | 90.8 | 23.51 |
| | 35 | 50.3 | 14.17 | 54.7 | 15.28 | 59.0 | 16.39 | 63.5 | 17.51 | 67.8 | 18.59 | 73.5 | 20.04 | 85.1 | 22.96 | 90.8 | 24.41 |
| | 37 | 50.3 | 14.72 | 54.7 | 15.87 | 59.0 | 17.03 | 63.5 | 18.19 | 67.8 | 19.33 | 73.5 | 20.85 | 85.1 | 23.89 | 90.8 | 25.52 |
| | 40 | 50.3 | 15.64 | 54.7 | 16.87 | 59.0 | 18.11 | 63.5 | 19.35 | 67.8 | 20.60 | 73.5 | 22.23 | 85.1 | 25.66 | 90.8 | 28.04 |
| | 43 | 50.3 | 16.72 | 54.7 | 18.06 | 59.0 | 19.40 | 63.5 | 20.71 | 67.8 | 22.08 | 73.5 | 23.87 | 85.1 | 28.29 | 90.8 | 31.12 |
| | 46 | 50.3 | 17.97 | 54.7 | 19.42 | 59.0 | 20.85 | 63.5 | 22.30 | 67.8 | 23.82 | 73.5 | 25.86 | 85.1 | 31.37 | 90.8 | 34.57 |
| 56.5 (50%) | 10 | 41.9 | 9.32 | 45.5 | 10.02 | 49.2 | 10.71 | 52.8 | 11.40 | 56.5 | 11.93 | 61.3 | 12.82 | 70.9 | 14.61 | 75.6 | 15.51 |
| | 15 | 41.9 | 9.57 | 45.5 | 10.28 | 49.2 | 10.99 | 52.8 | 11.71 | 56.5 | 12.27 | 61.3 | 13.19 | 70.9 | 15.04 | 75.6 | 15.95 |
| | 21 | 41.9 | 10.03 | 45.5 | 10.78 | 49.2 | 11.53 | 52.8 | 12.30 | 56.5 | 12.92 | 61.3 | 13.89 | 70.9 | 15.84 | 75.6 | 16.83 |
| | 23 | 41.9 | 10.23 | 45.5 | 11.00 | 49.2 | 11.78 | 52.8 | 12.54 | 56.5 | 13.20 | 61.3 | 14.20 | 70.9 | 16.20 | 75.6 | 17.21 |
| | 25 | 41.9 | 10.46 | 45.5 | 11.24 | 49.2 | 12.04 | 52.8 | 12.83 | 56.5 | 13.51 | 61.3 | 14.53 | 70.9 | 16.60 | 75.6 | 17.62 |
| | 27 | 41.9 | 10.71 | 45.5 | 11.51 | 49.2 | 12.33 | 52.8 | 13.14 | 56.5 | 13.86 | 61.3 | 14.91 | 70.9 | 17.04 | 75.6 | 18.10 |
| | 30 | 41.9 | 11.13 | 45.5 | 11.99 | 49.2 | 12.83 | 52.8 | 13.68 | 56.5 | 14.47 | 61.3 | 15.58 | 70.9 | 17.78 | 75.6 | 18.89 |
| | 33 | 41.9 | 11.62 | 45.5 | 12.52 | 49.2 | 13.40 | 52.8 | 14.30 | 56.5 | 15.15 | 61.3 | 16.32 | 70.9 | 18.65 | 75.6 | 19.83 |
| | 35 | 41.9 | 12.04 | 45.5 | 12.96 | 49.2 | 13.89 | 52.8 | 14.81 | 56.5 | 15.71 | 61.3 | 16.93 | 70.9 | 19.37 | 75.6 | 20.57 |
| | 37 | 41.9 | 12.50 | 45.5 | 13.46 | 49.2 | 14.43 | 52.8 | 15.39 | 56.5 | 16.34 | 61.3 | 17.60 | 70.9 | 20.14 | 75.6 | 21.41 |
| | 40 | 41.9 | 13.25 | 45.5 | 14.30 | 49.2 | 15.32 | 52.8 | 16.36 | 56.5 | 17.40 | 61.3 | 18.76 | 70.9 | 21.46 | 75.6 | 22.83 |
| | 43 | 41.9 | 14.16 | 45.5 | 15.28 | 49.2 | 16.39 | 52.8 | 17.50 | 56.5 | 18.64 | 61.3 | 20.10 | 70.9 | 23.01 | 75.6 | 24.56 |
| | 46 | 41.9 | 15.20 | 45.5 | 16.40 | 49.2 | 17.61 | 52.8 | 18.81 | 56.5 | 20.05 | 61.3 | 21.65 | 70.9 | 24.90 | 75.6 | 26.62 |

# ■ Model: AJ∗378GALDHH

| Cooling capacity at rated condition: 120.0 kW (42HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 180.0 (150%) | 10 | 133.5 | 26.13 | 142.8 | 27.66 | 146.4 | 27.69 | 150.0 | 27.72 | 153.9 | 27.87 | 157.8 | 27.87 | 165.3 | 27.81 | 169.2 | 27.75 |
| | 15 | 133.5 | 26.88 | 141.9 | 28.17 | 145.5 | 28.23 | 149.1 | 28.26 | 152.7 | 28.44 | 156.3 | 28.44 | 164.1 | 28.38 | 168.0 | 28.35 |
| | 21 | 133.5 | 28.29 | 140.1 | 29.16 | 143.4 | 29.22 | 147.0 | 29.28 | 150.3 | 29.52 | 153.9 | 29.52 | 160.8 | 29.73 | 164.1 | 29.97 |
| | 23 | 133.5 | 28.89 | 139.2 | 29.58 | 142.8 | 29.64 | 146.1 | 29.70 | 149.1 | 30.09 | 152.1 | 30.33 | 158.4 | 30.84 | 161.4 | 31.05 |
| | 25 | 133.5 | 29.58 | 138.3 | 30.06 | 141.3 | 30.36 | 144.3 | 30.66 | 146.7 | 31.17 | 149.7 | 31.44 | 155.7 | 31.92 | 158.7 | 32.16 |
| | 27 | 133.2 | 30.78 | 136.2 | 31.08 | 139.2 | 31.41 | 142.2 | 31.71 | 144.2 | 32.25 | 147.0 | 32.52 | 153.0 | 33.03 | 155.7 | 33.30 |
| | 30 | 130.5 | 32.34 | 133.2 | 32.67 | 135.9 | 33.03 | 138.9 | 33.36 | 140.4 | 33.99 | 143.1 | 34.29 | 148.8 | 34.89 | 151.5 | 35.16 |
| | 33 | 126.9 | 34.05 | 129.6 | 34.41 | 132.3 | 34.77 | 135.0 | 35.13 | 136.4 | 35.82 | 139.2 | 36.12 | 144.6 | 36.75 | 147.3 | 37.02 |
| | 35 | 124.5 | 35.22 | 127.2 | 35.58 | 129.9 | 35.97 | 132.6 | 36.33 | 133.7 | 37.05 | 136.5 | 37.35 | 141.9 | 37.98 | 144.6 | 38.28 |
| | 37 | 122.1 | 36.39 | 124.8 | 36.75 | 127.5 | 37.14 | 130.2 | 37.50 | 131.1 | 38.28 | 133.8 | 38.58 | 138.9 | 39.21 | 141.6 | 39.51 |
| | 40 | 118.5 | 38.13 | 121.2 | 38.52 | 123.6 | 38.91 | 126.3 | 39.30 | 127.0 | 40.11 | 129.6 | 40.44 | 134.7 | 41.10 | 137.1 | 41.40 |
| | 43 | 114.9 | 39.90 | 117.3 | 40.32 | 120.0 | 40.71 | 122.4 | 41.10 | 122.8 | 41.97 | 125.4 | 42.30 | 130.2 | 42.96 | 132.9 | 43.29 |
| | 46 | 111.3 | 41.70 | 113.7 | 42.12 | 116.1 | 42.54 | 118.5 | 42.93 | 118.7 | 43.83 | 121.2 | 44.19 | 126.0 | 44.85 | 128.4 | 45.18 |
| 168.0 (140%) | 10 | 124.5 | 24.48 | 135.6 | 26.49 | 143.4 | 27.66 | 146.7 | 27.69 | 151.2 | 27.90 | 154.8 | 27.87 | 162.6 | 27.84 | 166.2 | 27.81 |
| | 15 | 124.5 | 25.17 | 135.6 | 27.24 | 142.2 | 28.20 | 145.8 | 28.23 | 150.0 | 28.44 | 153.6 | 28.44 | 161.1 | 28.41 | 165.0 | 28.38 |
| | 21 | 124.5 | 26.52 | 135.6 | 28.68 | 140.4 | 29.19 | 144.0 | 29.22 | 147.8 | 29.52 | 151.5 | 29.52 | 158.7 | 29.55 | 161.7 | 29.79 |
| | 23 | 124.5 | 27.09 | 135.6 | 29.28 | 139.8 | 29.58 | 143.1 | 29.64 | 146.8 | 29.94 | 150.0 | 30.18 | 156.0 | 30.66 | 159.0 | 30.90 |
| | 25 | 124.5 | 27.72 | 135.6 | 29.97 | 138.6 | 30.09 | 141.6 | 30.39 | 144.6 | 30.99 | 147.6 | 31.26 | 153.6 | 31.74 | 156.3 | 31.98 |
| | 27 | 124.5 | 28.44 | 133.8 | 30.84 | 136.8 | 31.14 | 139.8 | 31.44 | 142.3 | 32.07 | 145.2 | 32.34 | 150.9 | 32.85 | 153.9 | 33.12 |
| | 30 | 124.5 | 30.42 | 130.8 | 32.40 | 133.8 | 32.73 | 136.5 | 33.09 | 138.6 | 33.81 | 141.3 | 34.11 | 147.0 | 34.68 | 149.7 | 34.95 |
| | 33 | 124.5 | 33.69 | 127.5 | 34.14 | 130.2 | 34.50 | 132.9 | 34.86 | 134.7 | 35.61 | 137.4 | 35.94 | 142.8 | 36.54 | 145.5 | 36.84 |
| | 35 | 122.4 | 34.92 | 125.1 | 35.31 | 127.8 | 35.67 | 130.5 | 36.03 | 132.1 | 36.84 | 134.7 | 37.17 | 140.1 | 37.77 | 142.8 | 38.07 |
| | 37 | 120.3 | 36.09 | 122.7 | 36.48 | 125.4 | 36.84 | 128.1 | 37.23 | 129.5 | 38.07 | 132.0 | 38.40 | 137.4 | 39.03 | 139.8 | 39.33 |
| | 40 | 116.7 | 37.86 | 119.1 | 38.25 | 121.8 | 38.64 | 124.2 | 39.00 | 125.5 | 39.90 | 128.1 | 40.26 | 133.2 | 40.89 | 135.6 | 41.22 |
| | 43 | 113.1 | 39.63 | 115.5 | 40.02 | 118.2 | 40.44 | 120.6 | 40.83 | 121.4 | 41.76 | 123.9 | 42.12 | 128.7 | 42.78 | 131.4 | 43.11 |
| | 46 | 109.5 | 41.40 | 111.9 | 41.82 | 114.3 | 42.24 | 116.7 | 42.63 | 117.3 | 43.62 | 119.7 | 43.98 | 124.5 | 44.67 | 126.9 | 45.00 |
| 156.0 (130%) | 10 | 115.8 | 22.86 | 125.7 | 24.72 | 135.9 | 26.55 | 143.1 | 27.66 | 148.3 | 27.90 | 151.8 | 27.90 | 159.3 | 27.87 | 162.9 | 27.84 |
| | 15 | 115.8 | 23.49 | 125.7 | 25.41 | 135.9 | 27.30 | 142.2 | 28.20 | 147.1 | 28.44 | 150.6 | 28.44 | 158.1 | 28.44 | 161.7 | 28.41 |
| | 21 | 115.8 | 24.72 | 125.7 | 26.73 | 135.9 | 28.74 | 140.4 | 29.19 | 145.0 | 29.49 | 148.5 | 29.52 | 155.7 | 29.52 | 159.0 | 29.58 |
| | 23 | 115.8 | 25.26 | 125.7 | 27.30 | 135.9 | 29.37 | 139.8 | 29.58 | 144.1 | 29.94 | 147.6 | 29.97 | 153.6 | 30.45 | 156.6 | 30.69 |
| | 25 | 115.8 | 25.86 | 125.7 | 27.96 | 135.6 | 29.97 | 138.9 | 30.12 | 142.3 | 30.78 | 145.2 | 31.05 | 151.2 | 31.56 | 153.9 | 31.80 |
| | 27 | 115.8 | 26.52 | 125.7 | 28.68 | 134.1 | 30.84 | 136.8 | 31.14 | 140.1 | 31.86 | 142.8 | 32.13 | 148.5 | 32.64 | 151.5 | 32.91 |
| | 30 | 115.8 | 27.63 | 125.7 | 30.84 | 131.1 | 32.43 | 133.8 | 32.76 | 136.5 | 33.57 | 139.2 | 33.87 | 144.6 | 34.47 | 147.6 | 34.74 |
| | 33 | 115.8 | 29.91 | 125.1 | 33.81 | 127.8 | 34.17 | 130.5 | 34.53 | 132.7 | 35.40 | 135.3 | 35.70 | 140.7 | 36.30 | 143.4 | 36.60 |
| | 35 | 115.8 | 32.07 | 123.0 | 34.98 | 125.4 | 35.34 | 128.1 | 35.70 | 130.2 | 36.60 | 132.9 | 36.93 | 138.0 | 37.56 | 140.7 | 37.86 |
| | 37 | 115.8 | 34.41 | 120.6 | 36.15 | 123.0 | 36.51 | 125.7 | 36.90 | 127.7 | 37.83 | 130.2 | 38.16 | 135.3 | 38.79 | 138.0 | 39.09 |
| | 40 | 114.6 | 37.53 | 117.0 | 37.92 | 119.7 | 38.31 | 122.1 | 38.67 | 123.8 | 39.69 | 126.3 | 40.02 | 131.4 | 40.68 | 133.8 | 40.98 |
| | 43 | 111.3 | 39.30 | 113.7 | 39.69 | 116.1 | 40.11 | 118.5 | 40.50 | 119.8 | 41.52 | 122.4 | 41.88 | 127.2 | 42.54 | 129.6 | 42.87 |
| | 46 | 107.7 | 41.07 | 110.1 | 41.49 | 112.5 | 41.91 | 114.9 | 42.30 | 115.8 | 43.38 | 118.2 | 43.74 | 123.0 | 44.43 | 125.4 | 44.76 |
| 144.0 (120%) | 10 | 106.8 | 21.24 | 116.1 | 22.92 | 125.4 | 24.63 | 134.7 | 26.34 | 144.0 | 27.66 | 148.5 | 27.90 | 155.7 | 27.87 | 159.3 | 27.87 |
| | 15 | 106.8 | 21.81 | 116.1 | 23.58 | 125.4 | 25.32 | 134.7 | 27.09 | 143.9 | 28.44 | 147.3 | 28.44 | 154.5 | 28.44 | 158.1 | 28.44 |
| | 21 | 106.8 | 22.95 | 116.1 | 24.81 | 125.4 | 26.67 | 134.7 | 28.50 | 141.9 | 29.49 | 145.2 | 29.49 | 152.1 | 29.52 | 155.7 | 29.52 |
| | 23 | 106.8 | 23.43 | 116.1 | 25.32 | 125.4 | 27.24 | 134.7 | 29.13 | 141.0 | 29.91 | 144.3 | 29.94 | 150.6 | 30.21 | 153.6 | 30.45 |
| | 25 | 106.8 | 24.00 | 116.1 | 25.92 | 125.4 | 27.87 | 134.7 | 29.82 | 139.7 | 30.57 | 142.5 | 30.81 | 148.5 | 31.32 | 151.2 | 31.56 |
| | 27 | 106.8 | 24.60 | 116.1 | 26.61 | 125.4 | 28.59 | 133.8 | 30.81 | 137.6 | 31.65 | 140.4 | 31.89 | 146.1 | 32.43 | 148.8 | 32.67 |
| | 30 | 106.8 | 25.65 | 116.1 | 27.72 | 125.4 | 30.69 | 130.8 | 32.40 | 134.2 | 33.30 | 136.8 | 33.60 | 142.2 | 34.20 | 144.9 | 34.47 |
| | 33 | 106.8 | 26.85 | 116.1 | 30.06 | 125.1 | 33.81 | 127.5 | 34.14 | 130.6 | 35.13 | 133.2 | 35.43 | 138.3 | 36.06 | 141.0 | 36.33 |
| | 35 | 106.8 | 28.32 | 116.1 | 32.25 | 122.7 | 34.98 | 125.4 | 35.34 | 128.1 | 36.33 | 130.8 | 36.66 | 135.9 | 37.29 | 138.3 | 37.59 |
| | 37 | 106.8 | 30.36 | 116.1 | 34.59 | 120.6 | 36.15 | 123.0 | 36.51 | 125.6 | 37.56 | 128.1 | 37.89 | 133.2 | 38.52 | 135.6 | 38.85 |
| | 40 | 106.8 | 33.66 | 114.9 | 37.53 | 117.3 | 37.92 | 119.7 | 38.31 | 121.8 | 39.42 | 124.2 | 39.75 | 129.3 | 40.41 | 131.7 | 40.71 |
| | 43 | 106.8 | 37.41 | 111.3 | 39.33 | 113.7 | 39.72 | 116.1 | 40.11 | 118.0 | 41.25 | 120.3 | 41.61 | 125.1 | 42.30 | 127.5 | 42.63 |
| | 46 | 105.6 | 40.71 | 108.0 | 41.13 | 110.1 | 41.52 | 112.5 | 41.94 | 114.1 | 43.11 | 116.4 | 43.47 | 121.2 | 44.19 | 123.3 | 44.52 |
| 132.0 (110%) | 10 | 97.8 | 19.59 | 106.5 | 21.15 | 114.9 | 22.71 | 123.6 | 24.27 | 132.0 | 25.47 | 143.1 | 27.48 | 151.5 | 27.90 | 155.1 | 27.87 |
| | 15 | 97.8 | 20.13 | 106.5 | 21.75 | 114.9 | 23.37 | 123.6 | 24.96 | 132.0 | 26.22 | 143.1 | 28.32 | 150.6 | 28.44 | 153.9 | 28.44 |
| | 21 | 97.8 | 21.18 | 106.5 | 22.89 | 114.9 | 24.57 | 123.6 | 26.28 | 132.0 | 27.69 | 141.6 | 29.49 | 148.5 | 29.52 | 151.8 | 29.52 |
| | 23 | 97.8 | 21.63 | 106.5 | 23.37 | 114.9 | 25.11 | 123.6 | 26.85 | 132.0 | 28.32 | 140.7 | 29.91 | 147.6 | 29.97 | 150.3 | 30.21 |
| | 25 | 97.8 | 22.14 | 106.5 | 23.91 | 114.9 | 25.68 | 123.6 | 27.48 | 132.0 | 29.04 | 139.5 | 30.54 | 145.2 | 31.05 | 148.2 | 31.29 |
| | 27 | 97.8 | 22.68 | 106.5 | 24.51 | 114.9 | 26.34 | 123.6 | 28.17 | 132.0 | 30.12 | 137.4 | 31.62 | 143.1 | 32.16 | 145.8 | 32.40 |
| | 30 | 97.8 | 23.64 | 106.5 | 25.56 | 114.9 | 27.48 | 123.6 | 30.00 | 131.6 | 33.00 | 134.1 | 33.30 | 139.5 | 33.90 | 142.2 | 34.17 |
| | 33 | 97.8 | 24.75 | 106.5 | 26.76 | 114.9 | 29.61 | 123.6 | 33.18 | 128.0 | 34.83 | 130.5 | 35.13 | 135.9 | 35.76 | 138.3 | 36.03 |
| | 35 | 97.8 | 25.68 | 106.5 | 28.17 | 114.9 | 31.74 | 122.4 | 34.89 | 125.7 | 36.03 | 128.1 | 36.36 | 133.2 | 36.99 | 135.9 | 37.29 |
| | 37 | 97.8 | 26.73 | 106.5 | 30.18 | 114.9 | 34.05 | 120.0 | 36.09 | 123.3 | 37.26 | 125.7 | 37.59 | 130.8 | 38.22 | 133.2 | 38.55 |
| | 40 | 97.8 | 29.52 | 106.5 | 33.48 | 114.6 | 37.50 | 117.0 | 37.86 | 119.6 | 39.09 | 122.1 | 39.45 | 126.9 | 40.11 | 129.3 | 40.41 |
| | 43 | 97.8 | 32.70 | 106.5 | 37.20 | 111.3 | 39.30 | 113.4 | 39.69 | 116.0 | 40.95 | 118.2 | 41.31 | 123.0 | 41.97 | 125.4 | 42.30 |
| | 46 | 97.8 | 36.30 | 105.6 | 40.68 | 107.7 | 41.10 | 110.1 | 41.49 | 112.2 | 42.81 | 114.6 | 43.17 | 119.1 | 43.89 | 121.2 | 44.22 |
| 120.0 (100%) | 10 | 89.1 | 17.97 | 96.9 | 19.38 | 104.4 | 20.79 | 112.2 | 22.23 | 120.0 | 23.31 | 130.2 | 25.14 | 147.0 | 27.90 | 150.3 | 27.90 |
| | 15 | 89.1 | 18.45 | 96.9 | 19.92 | 104.4 | 21.39 | 112.2 | 22.83 | 120.0 | 24.00 | 130.2 | 25.89 | 146.1 | 28.44 | 149.4 | 28.44 |
| | 21 | 89.1 | 19.38 | 96.9 | 20.94 | 104.4 | 22.50 | 112.2 | 24.03 | 120.0 | 25.32 | 130.2 | 27.33 | 144.0 | 29.49 | 147.3 | 29.52 |
| | 23 | 89.1 | 19.80 | 96.9 | 21.39 | 104.4 | 22.98 | 112.2 | 24.54 | 120.0 | 25.89 | 130.2 | 27.96 | 143.1 | 29.94 | 146.4 | 29.94 |
| | 25 | 89.1 | 20.25 | 96.9 | 21.87 | 104.4 | 23.49 | 112.2 | 25.11 | 120.0 | 26.55 | 130.2 | 28.65 | 141.6 | 30.72 | 144.3 | 30.99 |
| | 27 | 89.1 | 20.76 | 96.9 | 22.44 | 104.4 | 24.09 | 112.2 | 25.77 | 120.0 | 27.24 | 130.2 | 29.46 | 139.5 | 31.83 | 142.2 | 32.07 |
| | 30 | 89.1 | 21.63 | 96.9 | 23.37 | 104.4 | 25.11 | 112.2 | 26.85 | 120.0 | 28.59 | 130.2 | 32.46 | 136.2 | 33.54 | 138.9 | 33.84 |
| | 33 | 89.1 | 22.65 | 96.9 | 24.48 | 104.4 | 26.31 | 112.2 | 28.50 | 120.0 | 31.65 | 127.8 | 34.77 | 132.6 | 35.40 | 135.3 | 35.67 |
| | 35 | 89.1 | 23.49 | 96.9 | 25.41 | 104.4 | 27.42 | 112.2 | 30.57 | 120.0 | 34.02 | 125.4 | 36.00 | 130.2 | 36.63 | 132.9 | 36.93 |
| | 37 | 89.1 | 24.45 | 96.9 | 26.43 | 104.4 | 29.34 | 112.2 | 32.76 | 120.0 | 36.51 | 123.0 | 37.23 | 127.8 | 37.86 | 130.2 | 38.19 |
| | 40 | 89.1 | 26.07 | 96.9 | 29.01 | 104.4 | 32.55 | 112.2 | 36.42 | 117.1 | 38.73 | 119.4 | 39.06 | 124.2 | 39.75 | 126.6 | 40.05 |
| | 43 | 89.1 | 28.44 | 96.9 | 32.13 | 104.4 | 36.15 | 110.4 | 39.18 | 113.6 | 40.59 | 115.8 | 40.95 | 120.6 | 41.61 | 122.7 | 41.94 |
| | 46 | 89.1 | 31.47 | 96.9 | 35.64 | 104.4 | 40.20 | 107.1 | 40.98 | 110.0 | 42.45 | 112.2 | 42.81 | 116.7 | 43.53 | 118.8 | 43.86 |

MODEL SELECTION

| Cooling capacity at rated condition: 120.0 kW (42HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 108.0 (90%) | 10 | 80.1 | 16.32 | 87.0 | 17.61 | 94.2 | 18.87 | 101.1 | 20.16 | 108.0 | 21.15 | 117.3 | 22.80 | 135.6 | 26.10 | 144.6 | 27.75 |
| | 15 | 80.1 | 16.77 | 87.0 | 18.09 | 94.2 | 19.41 | 101.1 | 20.73 | 108.0 | 21.75 | 117.3 | 23.46 | 135.6 | 26.88 | 144.0 | 28.44 |
| | 21 | 80.1 | 17.61 | 87.0 | 19.02 | 94.2 | 20.40 | 101.1 | 21.78 | 108.0 | 22.95 | 117.3 | 24.75 | 135.6 | 28.38 | 142.2 | 29.49 |
| | 23 | 80.1 | 18.00 | 87.0 | 19.41 | 94.2 | 20.82 | 101.1 | 22.26 | 108.0 | 23.46 | 117.3 | 25.32 | 135.6 | 29.01 | 141.6 | 29.91 |
| | 25 | 80.1 | 18.39 | 87.0 | 19.86 | 94.2 | 21.30 | 101.1 | 22.77 | 108.0 | 24.03 | 117.3 | 25.95 | 135.6 | 29.73 | 140.1 | 30.60 |
| | 27 | 80.1 | 18.87 | 87.0 | 20.37 | 94.2 | 21.84 | 101.1 | 23.34 | 108.0 | 24.69 | 117.3 | 26.64 | 135.6 | 31.38 | 138.3 | 31.71 |
| | 30 | 80.1 | 19.65 | 87.0 | 21.21 | 94.2 | 22.77 | 101.1 | 24.33 | 108.0 | 25.80 | 117.3 | 27.84 | 132.6 | 33.12 | 135.0 | 33.39 |
| | 33 | 80.1 | 20.55 | 87.0 | 22.20 | 94.2 | 23.82 | 101.1 | 25.47 | 108.0 | 27.06 | 117.3 | 30.45 | 129.3 | 34.95 | 131.7 | 35.25 |
| | 35 | 80.1 | 21.30 | 87.0 | 23.01 | 94.2 | 24.75 | 101.1 | 26.46 | 108.0 | 28.77 | 117.3 | 32.70 | 126.9 | 36.18 | 129.3 | 36.51 |
| | 37 | 80.1 | 22.17 | 87.0 | 23.97 | 94.2 | 25.74 | 101.1 | 27.90 | 108.0 | 30.87 | 117.3 | 35.10 | 124.5 | 37.44 | 126.9 | 37.74 |
| | 40 | 80.1 | 23.61 | 87.0 | 25.53 | 94.2 | 27.81 | 101.1 | 30.93 | 108.0 | 34.29 | 116.4 | 38.64 | 121.2 | 39.30 | 123.3 | 39.63 |
| | 43 | 80.1 | 25.29 | 87.0 | 27.57 | 94.2 | 30.81 | 101.1 | 34.29 | 108.0 | 38.16 | 113.1 | 40.50 | 117.6 | 41.19 | 119.7 | 41.52 |
| | 46 | 80.1 | 27.24 | 87.0 | 30.51 | 94.2 | 34.14 | 101.1 | 38.10 | 107.3 | 42.00 | 109.5 | 42.36 | 114.0 | 43.08 | 116.1 | 43.41 |
| 96.0 (80%) | 10 | 71.1 | 14.70 | 77.4 | 15.84 | 83.7 | 16.95 | 89.7 | 18.09 | 96.0 | 18.96 | 104.1 | 20.43 | 120.3 | 23.37 | 128.4 | 24.84 |
| | 15 | 71.1 | 15.09 | 77.4 | 16.26 | 83.7 | 17.43 | 89.7 | 18.60 | 96.0 | 19.53 | 104.1 | 21.03 | 120.3 | 24.06 | 128.4 | 25.59 |
| | 21 | 71.1 | 15.84 | 77.4 | 17.07 | 83.7 | 18.30 | 89.7 | 19.56 | 96.0 | 20.58 | 104.1 | 22.20 | 120.3 | 25.41 | 128.4 | 27.00 |
| | 23 | 71.1 | 16.17 | 77.4 | 17.43 | 83.7 | 18.69 | 89.7 | 19.95 | 96.0 | 21.03 | 104.1 | 22.68 | 120.3 | 25.98 | 128.4 | 27.63 |
| | 25 | 71.1 | 16.53 | 77.4 | 17.82 | 83.7 | 19.14 | 89.7 | 20.43 | 96.0 | 21.54 | 104.1 | 23.25 | 120.3 | 26.61 | 128.4 | 28.32 |
| | 27 | 71.1 | 16.95 | 77.4 | 18.27 | 83.7 | 19.62 | 89.7 | 20.94 | 96.0 | 22.14 | 104.1 | 23.85 | 120.3 | 27.33 | 128.4 | 29.07 |
| | 30 | 71.1 | 17.64 | 77.4 | 19.02 | 83.7 | 20.43 | 89.7 | 21.81 | 96.0 | 23.10 | 104.1 | 24.93 | 120.3 | 28.71 | 128.4 | 31.80 |
| | 33 | 71.1 | 18.45 | 77.4 | 19.89 | 83.7 | 21.36 | 89.7 | 22.83 | 96.0 | 24.24 | 104.1 | 26.16 | 120.3 | 31.80 | 127.5 | 34.74 |
| | 35 | 71.1 | 19.11 | 77.4 | 20.64 | 83.7 | 22.17 | 89.7 | 23.70 | 96.0 | 25.17 | 104.1 | 27.21 | 120.3 | 34.17 | 125.1 | 35.97 |
| | 37 | 71.1 | 19.89 | 77.4 | 21.48 | 83.7 | 23.07 | 89.7 | 24.66 | 96.0 | 26.22 | 104.1 | 29.19 | 120.3 | 36.72 | 123.0 | 37.23 |
| | 40 | 71.1 | 21.18 | 77.4 | 22.89 | 83.7 | 24.57 | 89.7 | 26.28 | 96.0 | 28.68 | 104.1 | 32.40 | 117.3 | 38.76 | 119.7 | 39.09 |
| | 43 | 71.1 | 22.68 | 77.4 | 24.51 | 83.7 | 26.34 | 89.7 | 28.80 | 96.0 | 31.80 | 104.1 | 36.03 | 114.0 | 40.65 | 116.1 | 40.98 |
| | 46 | 71.1 | 24.39 | 77.4 | 26.37 | 83.7 | 28.77 | 89.7 | 31.89 | 96.0 | 35.31 | 104.1 | 40.08 | 110.7 | 42.54 | 112.8 | 42.90 |
| 84.0 (70%) | 10 | 62.4 | 13.05 | 67.8 | 14.04 | 73.2 | 15.06 | 78.6 | 16.05 | 84.0 | 16.80 | 91.2 | 18.09 | 105.3 | 20.67 | 112.5 | 21.96 |
| | 15 | 62.4 | 13.41 | 67.8 | 14.43 | 73.2 | 15.45 | 78.6 | 16.47 | 84.0 | 17.28 | 91.2 | 18.60 | 105.3 | 21.27 | 112.5 | 22.59 |
| | 21 | 62.4 | 14.07 | 67.8 | 15.15 | 73.2 | 16.23 | 78.6 | 17.31 | 84.0 | 18.21 | 91.2 | 19.62 | 105.3 | 22.44 | 112.5 | 23.85 |
| | 23 | 62.4 | 14.34 | 67.8 | 15.45 | 73.2 | 16.56 | 78.6 | 17.67 | 84.0 | 18.60 | 91.2 | 20.04 | 105.3 | 22.92 | 112.5 | 24.36 |
| | 25 | 62.4 | 14.67 | 67.8 | 15.81 | 73.2 | 16.95 | 78.6 | 18.06 | 84.0 | 19.05 | 91.2 | 20.55 | 105.3 | 23.49 | 112.5 | 24.96 |
| | 27 | 62.4 | 15.03 | 67.8 | 16.20 | 73.2 | 17.37 | 78.6 | 18.51 | 84.0 | 19.56 | 91.2 | 21.09 | 105.3 | 24.12 | 112.5 | 25.65 |
| | 30 | 62.4 | 15.63 | 67.8 | 16.86 | 73.2 | 18.06 | 78.6 | 19.29 | 84.0 | 20.43 | 91.2 | 22.02 | 105.3 | 25.20 | 112.5 | 26.79 |
| | 33 | 62.4 | 16.32 | 67.8 | 17.61 | 73.2 | 18.90 | 78.6 | 20.16 | 84.0 | 21.42 | 91.2 | 23.10 | 105.3 | 26.43 | 112.5 | 28.53 |
| | 35 | 62.4 | 16.95 | 67.8 | 18.27 | 73.2 | 19.59 | 78.6 | 20.94 | 84.0 | 22.23 | 91.2 | 23.97 | 105.3 | 27.69 | 112.5 | 30.63 |
| | 37 | 62.4 | 17.61 | 67.8 | 18.99 | 73.2 | 20.37 | 78.6 | 21.78 | 84.0 | 23.16 | 91.2 | 24.96 | 105.3 | 29.70 | 112.5 | 32.88 |
| | 40 | 62.4 | 18.72 | 67.8 | 20.22 | 73.2 | 21.72 | 78.6 | 23.19 | 84.0 | 24.69 | 91.2 | 26.64 | 105.3 | 33.00 | 112.5 | 36.60 |
| | 43 | 62.4 | 20.04 | 67.8 | 21.63 | 73.2 | 23.25 | 78.6 | 24.84 | 84.0 | 26.46 | 91.2 | 29.46 | 105.3 | 36.69 | 111.9 | 40.32 |
| | 46 | 62.4 | 21.54 | 67.8 | 23.28 | 73.2 | 24.99 | 78.6 | 26.73 | 84.0 | 29.04 | 91.2 | 32.64 | 105.3 | 40.86 | 108.6 | 42.24 |
| 72.0 (60%) | 10 | 53.4 | 11.43 | 58.2 | 12.27 | 62.7 | 13.14 | 67.5 | 13.98 | 72.0 | 14.64 | 78.0 | 15.72 | 90.3 | 17.94 | 96.3 | 19.05 |
| | 15 | 53.4 | 11.73 | 58.2 | 12.60 | 62.7 | 13.47 | 67.5 | 14.34 | 72.0 | 15.06 | 78.0 | 16.17 | 90.3 | 18.45 | 96.3 | 19.59 |
| | 21 | 53.4 | 12.30 | 58.2 | 13.20 | 62.7 | 14.13 | 67.5 | 15.06 | 72.0 | 15.84 | 78.0 | 17.04 | 90.3 | 19.44 | 96.3 | 20.67 |
| | 23 | 53.4 | 12.54 | 58.2 | 13.47 | 62.7 | 14.43 | 67.5 | 15.39 | 72.0 | 16.17 | 78.0 | 17.43 | 90.3 | 19.89 | 96.3 | 21.12 |
| | 25 | 53.4 | 12.81 | 58.2 | 13.77 | 62.7 | 14.76 | 67.5 | 15.72 | 72.0 | 16.56 | 78.0 | 17.85 | 90.3 | 20.37 | 96.3 | 21.63 |
| | 27 | 53.4 | 13.11 | 58.2 | 14.10 | 62.7 | 15.12 | 67.5 | 16.11 | 72.0 | 17.01 | 78.0 | 18.30 | 90.3 | 20.91 | 96.3 | 22.20 |
| | 30 | 53.4 | 13.62 | 58.2 | 14.67 | 62.7 | 15.72 | 67.5 | 16.77 | 72.0 | 17.73 | 78.0 | 19.11 | 90.3 | 21.84 | 96.3 | 23.19 |
| | 33 | 53.4 | 14.22 | 58.2 | 15.33 | 62.7 | 16.44 | 67.5 | 17.52 | 72.0 | 18.57 | 78.0 | 20.01 | 90.3 | 22.89 | 96.3 | 24.33 |
| | 35 | 53.4 | 14.76 | 58.2 | 15.90 | 62.7 | 17.04 | 67.5 | 18.18 | 72.0 | 19.29 | 78.0 | 20.79 | 90.3 | 23.79 | 96.3 | 25.29 |
| | 37 | 53.4 | 15.33 | 58.2 | 16.50 | 62.7 | 17.70 | 67.5 | 18.90 | 72.0 | 20.07 | 78.0 | 21.63 | 90.3 | 24.75 | 96.3 | 26.34 |
| | 40 | 53.4 | 16.29 | 58.2 | 17.55 | 62.7 | 18.84 | 67.5 | 20.10 | 72.0 | 21.39 | 78.0 | 23.07 | 90.3 | 26.43 | 96.3 | 28.86 |
| | 43 | 53.4 | 17.40 | 58.2 | 18.78 | 62.7 | 20.16 | 67.5 | 21.51 | 72.0 | 22.92 | 78.0 | 24.72 | 90.3 | 29.07 | 96.3 | 32.01 |
| | 46 | 53.4 | 18.69 | 58.2 | 20.19 | 62.7 | 21.66 | 67.5 | 23.16 | 72.0 | 24.69 | 78.0 | 26.64 | 90.3 | 32.22 | 96.3 | 35.55 |
| 60.0 (50%) | 10 | 44.4 | 9.78 | 48.3 | 10.50 | 52.2 | 11.22 | 56.1 | 11.91 | 60.0 | 12.45 | 65.1 | 13.38 | 75.3 | 15.21 | 80.4 | 16.14 |
| | 15 | 44.4 | 10.05 | 48.3 | 10.77 | 52.2 | 11.49 | 56.1 | 12.24 | 60.0 | 12.81 | 65.1 | 13.77 | 75.3 | 15.66 | 80.4 | 16.59 |
| | 21 | 44.4 | 10.50 | 48.3 | 11.28 | 52.2 | 12.06 | 56.1 | 12.84 | 60.0 | 13.47 | 65.1 | 14.46 | 75.3 | 16.47 | 80.4 | 17.49 |
| | 23 | 44.4 | 10.71 | 48.3 | 11.49 | 52.2 | 12.30 | 56.1 | 13.08 | 60.0 | 13.77 | 65.1 | 14.79 | 75.3 | 16.83 | 80.4 | 17.88 |
| | 25 | 44.4 | 10.95 | 48.3 | 11.76 | 52.2 | 12.57 | 56.1 | 13.38 | 60.0 | 14.07 | 65.1 | 15.12 | 75.3 | 17.25 | 80.4 | 18.30 |
| | 27 | 44.4 | 11.19 | 48.3 | 12.03 | 52.2 | 12.87 | 56.1 | 13.68 | 60.0 | 14.43 | 65.1 | 15.51 | 75.3 | 17.70 | 80.4 | 18.78 |
| | 30 | 44.4 | 11.64 | 48.3 | 12.51 | 52.2 | 13.38 | 56.1 | 14.25 | 60.0 | 15.06 | 65.1 | 16.20 | 75.3 | 18.45 | 80.4 | 19.59 |
| | 33 | 44.4 | 12.12 | 48.3 | 13.05 | 52.2 | 13.95 | 56.1 | 14.88 | 60.0 | 15.75 | 65.1 | 16.95 | 75.3 | 19.35 | 80.4 | 20.55 |
| | 35 | 44.4 | 12.57 | 48.3 | 13.50 | 52.2 | 14.46 | 56.1 | 15.42 | 60.0 | 16.35 | 65.1 | 17.58 | 75.3 | 20.10 | 80.4 | 21.33 |
| | 37 | 44.4 | 13.05 | 48.3 | 14.04 | 52.2 | 15.03 | 56.1 | 16.02 | 60.0 | 17.01 | 65.1 | 18.30 | 75.3 | 20.91 | 80.4 | 22.20 |
| | 40 | 44.4 | 13.83 | 48.3 | 14.91 | 52.2 | 15.96 | 56.1 | 17.04 | 60.0 | 18.09 | 65.1 | 19.50 | 75.3 | 22.29 | 80.4 | 23.70 |
| | 43 | 44.4 | 14.76 | 48.3 | 15.93 | 52.2 | 17.07 | 56.1 | 18.21 | 60.0 | 19.38 | 65.1 | 20.88 | 75.3 | 23.88 | 80.4 | 25.38 |
| | 46 | 44.4 | 15.84 | 48.3 | 17.07 | 52.2 | 18.33 | 56.1 | 19.56 | 60.0 | 20.82 | 65.1 | 22.47 | 75.3 | 25.71 | 80.4 | 27.36 |

# ■ Model: AJ∗396GALDHH

| Cooling capacity at rated condition: 125.0 kW (44HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 187.5 (150%) | 10 | 136.2 | 27.66 | 143.7 | 28.69 | 147.3 | 28.72 | 151.0 | 28.75 | 155.4 | 29.14 | 159.4 | 29.13 | 167.0 | 29.06 | 171.0 | 29.00 |
| | 15 | 135.9 | 28.35 | 142.7 | 29.23 | 146.3 | 29.28 | 150.0 | 29.31 | 154.2 | 29.74 | 157.9 | 29.73 | 165.7 | 29.66 | 169.7 | 29.63 |
| | 21 | 135.3 | 29.66 | 140.9 | 30.26 | 144.3 | 30.32 | 147.9 | 30.38 | 151.8 | 30.87 | 155.4 | 30.87 | 162.6 | 30.99 | 166.1 | 31.13 |
| | 23 | 135.0 | 30.22 | 140.0 | 30.70 | 143.6 | 30.76 | 147.0 | 30.82 | 150.6 | 31.42 | 153.9 | 31.58 | 160.6 | 31.90 | 163.9 | 32.03 |
| | 25 | 134.7 | 30.85 | 139.1 | 31.19 | 142.3 | 31.41 | 145.4 | 31.63 | 148.6 | 32.33 | 151.9 | 32.51 | 158.2 | 32.91 | 161.3 | 33.15 |
| | 27 | 134.2 | 31.84 | 137.3 | 32.06 | 140.5 | 32.31 | 143.7 | 32.53 | 146.5 | 33.31 | 149.4 | 33.57 | 155.5 | 34.08 | 158.3 | 34.34 |
| | 30 | 131.8 | 33.19 | 134.7 | 33.48 | 137.5 | 33.83 | 140.5 | 34.15 | 142.6 | 35.11 | 145.4 | 35.40 | 151.2 | 35.99 | 154.0 | 36.26 |
| | 33 | 128.3 | 34.91 | 131.1 | 35.27 | 133.9 | 35.62 | 136.6 | 35.98 | 138.6 | 37.03 | 141.4 | 37.33 | 146.9 | 37.95 | 149.7 | 38.22 |
| | 35 | 125.9 | 36.13 | 128.7 | 36.49 | 131.4 | 36.87 | 134.2 | 37.23 | 135.8 | 38.32 | 138.6 | 38.63 | 144.1 | 39.25 | 146.9 | 39.55 |
| | 37 | 123.5 | 37.35 | 126.2 | 37.72 | 129.0 | 38.10 | 131.7 | 38.46 | 133.1 | 39.62 | 135.9 | 39.93 | 141.1 | 40.56 | 143.9 | 40.86 |
| | 40 | 119.8 | 39.18 | 122.5 | 39.57 | 125.1 | 39.95 | 127.8 | 40.34 | 128.9 | 41.56 | 131.6 | 41.89 | 136.8 | 42.55 | 139.3 | 42.85 |
| | 43 | 116.2 | 41.03 | 118.6 | 41.44 | 121.3 | 41.84 | 123.8 | 42.23 | 124.7 | 43.52 | 127.3 | 43.86 | 132.3 | 44.52 | 135.0 | 44.85 |
| | 46 | 112.5 | 42.90 | 114.9 | 43.32 | 117.4 | 43.74 | 119.8 | 44.14 | 120.5 | 45.48 | 123.0 | 45.85 | 128.0 | 46.52 | 130.4 | 46.85 |
| 175.0 (140%) | 10 | 129.7 | 26.67 | 138.6 | 28.08 | 145.0 | 28.88 | 148.4 | 28.91 | 153.3 | 29.30 | 157.0 | 29.27 | 164.8 | 29.22 | 168.6 | 29.19 |
| | 15 | 129.6 | 27.39 | 138.2 | 28.78 | 143.8 | 29.44 | 147.4 | 29.47 | 152.1 | 29.88 | 155.8 | 29.87 | 163.4 | 29.83 | 167.3 | 29.79 |
| | 21 | 129.0 | 28.66 | 137.6 | 30.12 | 142.0 | 30.48 | 145.6 | 30.52 | 149.8 | 31.01 | 153.5 | 31.01 | 160.9 | 31.01 | 164.2 | 31.16 |
| | 23 | 128.7 | 29.19 | 137.3 | 30.68 | 141.3 | 30.90 | 144.7 | 30.96 | 148.8 | 31.46 | 152.2 | 31.62 | 158.7 | 31.93 | 162.0 | 32.08 |
| | 25 | 128.4 | 29.79 | 137.0 | 31.31 | 140.2 | 31.42 | 143.4 | 31.64 | 147.0 | 32.36 | 150.2 | 32.54 | 156.5 | 32.93 | 159.4 | 33.17 |
| | 27 | 128.1 | 30.46 | 135.5 | 32.09 | 138.6 | 32.31 | 141.8 | 32.54 | 144.9 | 33.32 | 147.9 | 33.59 | 153.8 | 34.10 | 156.8 | 34.36 |
| | 30 | 127.6 | 32.09 | 132.8 | 33.49 | 135.9 | 33.81 | 138.7 | 34.16 | 141.2 | 35.13 | 144.0 | 35.42 | 149.8 | 35.99 | 152.6 | 36.27 |
| | 33 | 126.6 | 34.86 | 129.5 | 35.28 | 132.3 | 35.64 | 135.0 | 36.00 | 137.2 | 37.03 | 140.0 | 37.36 | 145.5 | 37.97 | 148.3 | 38.26 |
| | 35 | 124.4 | 36.12 | 127.1 | 36.51 | 129.8 | 36.87 | 132.6 | 37.24 | 134.5 | 38.34 | 137.2 | 38.67 | 142.8 | 39.28 | 145.5 | 39.58 |
| | 37 | 122.1 | 37.35 | 124.7 | 37.74 | 127.4 | 38.11 | 130.1 | 38.49 | 131.9 | 39.64 | 134.5 | 39.97 | 140.0 | 40.61 | 142.5 | 40.91 |
| | 40 | 118.5 | 39.21 | 121.0 | 39.60 | 123.7 | 40.00 | 126.2 | 40.37 | 127.8 | 41.58 | 130.5 | 41.94 | 135.7 | 42.59 | 138.2 | 42.91 |
| | 43 | 114.8 | 41.07 | 117.3 | 41.47 | 120.0 | 41.89 | 122.5 | 42.28 | 123.7 | 43.55 | 126.2 | 43.92 | 131.2 | 44.59 | 133.8 | 44.92 |
| | 46 | 111.2 | 42.94 | 113.6 | 43.36 | 116.1 | 43.79 | 118.5 | 44.19 | 119.5 | 45.53 | 121.9 | 45.89 | 126.8 | 46.59 | 129.3 | 46.93 |
| 162.5 (130%) | 10 | 120.6 | 24.89 | 131.0 | 26.92 | 139.6 | 28.34 | 145.6 | 29.09 | 151.0 | 29.46 | 154.6 | 29.46 | 162.2 | 29.42 | 165.9 | 29.38 |
| | 15 | 120.6 | 25.58 | 131.0 | 27.68 | 139.3 | 29.04 | 144.7 | 29.66 | 149.8 | 30.05 | 153.4 | 30.04 | 161.0 | 30.03 | 164.7 | 29.99 |
| | 21 | 120.6 | 26.93 | 130.6 | 29.02 | 138.6 | 30.39 | 142.8 | 30.71 | 147.6 | 31.16 | 151.2 | 31.18 | 158.5 | 31.17 | 162.0 | 31.21 |
| | 23 | 120.6 | 27.52 | 130.4 | 29.56 | 138.4 | 30.97 | 142.1 | 31.13 | 146.7 | 31.64 | 150.3 | 31.66 | 156.8 | 31.97 | 160.0 | 32.13 |
| | 25 | 120.6 | 28.17 | 130.1 | 30.18 | 137.9 | 31.55 | 141.2 | 31.67 | 145.1 | 32.39 | 148.3 | 32.57 | 154.6 | 32.98 | 157.5 | 33.23 |
| | 27 | 120.6 | 28.90 | 129.8 | 30.86 | 136.5 | 32.33 | 139.5 | 32.55 | 143.2 | 33.35 | 146.1 | 33.62 | 151.9 | 34.14 | 155.0 | 34.41 |
| | 30 | 120.6 | 30.12 | 129.2 | 32.66 | 133.8 | 33.83 | 136.6 | 34.16 | 139.6 | 35.14 | 142.4 | 35.44 | 147.9 | 36.04 | 150.9 | 36.32 |
| | 33 | 120.5 | 32.55 | 127.7 | 35.28 | 130.4 | 35.64 | 133.2 | 36.01 | 135.7 | 37.08 | 138.4 | 37.39 | 143.9 | 38.01 | 146.7 | 38.31 |
| | 35 | 119.7 | 34.45 | 125.5 | 36.52 | 128.0 | 36.89 | 130.8 | 37.25 | 133.1 | 38.37 | 135.9 | 38.70 | 141.2 | 39.34 | 143.9 | 39.65 |
| | 37 | 119.0 | 36.46 | 123.1 | 37.76 | 125.6 | 38.13 | 128.3 | 38.52 | 130.5 | 39.68 | 133.1 | 40.01 | 138.4 | 40.66 | 141.1 | 40.97 |
| | 40 | 116.9 | 39.23 | 119.4 | 39.63 | 122.1 | 40.03 | 124.6 | 40.41 | 126.5 | 41.65 | 129.1 | 42.00 | 134.3 | 42.67 | 136.8 | 42.98 |
| | 43 | 113.5 | 41.11 | 116.0 | 41.52 | 118.4 | 41.94 | 120.9 | 42.34 | 122.5 | 43.61 | 125.1 | 43.98 | 130.0 | 44.66 | 132.5 | 45.00 |
| | 46 | 109.8 | 42.99 | 112.3 | 43.42 | 114.7 | 43.85 | 117.2 | 44.26 | 118.4 | 45.60 | 120.8 | 45.97 | 125.7 | 46.68 | 128.2 | 47.02 |
| 150.0 (120%) | 10 | 111.3 | 23.11 | 121.0 | 24.96 | 130.6 | 26.83 | 139.6 | 28.48 | 147.8 | 29.51 | 152.1 | 29.67 | 159.4 | 29.64 | 163.1 | 29.63 |
| | 15 | 111.3 | 23.74 | 120.9 | 25.67 | 130.6 | 27.59 | 139.3 | 29.19 | 147.3 | 30.25 | 150.8 | 30.25 | 158.2 | 30.25 | 161.9 | 30.24 |
| | 21 | 111.3 | 24.99 | 120.9 | 27.02 | 130.6 | 29.06 | 138.7 | 30.52 | 145.2 | 31.37 | 148.7 | 31.38 | 155.8 | 31.40 | 159.4 | 31.39 |
| | 23 | 111.3 | 25.52 | 120.9 | 27.59 | 130.6 | 29.68 | 138.4 | 31.11 | 144.3 | 31.83 | 147.8 | 31.86 | 154.4 | 32.04 | 157.7 | 32.20 |
| | 25 | 111.3 | 26.13 | 120.9 | 28.25 | 130.6 | 30.38 | 138.1 | 31.75 | 143.1 | 32.46 | 146.2 | 32.63 | 152.5 | 33.04 | 155.4 | 33.29 |
| | 27 | 111.3 | 26.79 | 120.9 | 28.99 | 130.4 | 31.10 | 137.2 | 32.61 | 141.3 | 33.43 | 144.2 | 33.68 | 150.0 | 34.23 | 152.9 | 34.48 |
| | 30 | 111.3 | 27.94 | 120.9 | 30.22 | 129.7 | 32.95 | 134.3 | 34.20 | 137.8 | 35.19 | 140.5 | 35.49 | 146.1 | 36.10 | 148.9 | 36.39 |
| | 33 | 111.3 | 29.26 | 120.9 | 32.76 | 128.4 | 35.70 | 131.0 | 36.05 | 134.1 | 37.14 | 136.8 | 37.45 | 142.1 | 38.10 | 144.9 | 38.39 |
| | 35 | 111.3 | 30.86 | 120.7 | 35.00 | 126.0 | 36.95 | 128.7 | 37.33 | 131.5 | 38.43 | 134.3 | 38.77 | 139.6 | 39.42 | 142.1 | 39.73 |
| | 37 | 111.3 | 33.10 | 119.9 | 37.03 | 123.8 | 38.21 | 126.3 | 38.59 | 129.0 | 39.75 | 131.6 | 40.09 | 136.8 | 40.75 | 139.3 | 41.08 |
| | 40 | 111.3 | 36.75 | 117.9 | 39.70 | 120.4 | 40.11 | 122.9 | 40.51 | 125.1 | 41.74 | 127.6 | 42.09 | 132.8 | 42.77 | 135.3 | 43.09 |
| | 43 | 110.4 | 40.19 | 114.2 | 41.62 | 116.7 | 42.03 | 119.2 | 42.44 | 121.2 | 43.72 | 123.5 | 44.09 | 128.5 | 44.80 | 131.0 | 45.14 |
| | 46 | 108.4 | 43.11 | 110.8 | 43.55 | 113.0 | 43.96 | 115.5 | 44.40 | 117.2 | 45.71 | 119.5 | 46.09 | 124.4 | 46.83 | 126.7 | 47.18 |
| 137.5 (110%) | 10 | 101.9 | 21.31 | 110.9 | 23.02 | 119.7 | 24.73 | 128.7 | 26.44 | 137.5 | 27.75 | 147.9 | 29.62 | 156.0 | 29.89 | 159.7 | 29.87 |
| | 15 | 101.9 | 21.90 | 110.9 | 23.67 | 119.7 | 25.44 | 128.7 | 27.19 | 137.5 | 28.57 | 147.5 | 30.40 | 155.0 | 30.49 | 158.5 | 30.48 |
| | 21 | 101.9 | 23.04 | 110.9 | 24.91 | 119.7 | 26.76 | 128.7 | 28.63 | 137.5 | 30.18 | 145.8 | 31.61 | 152.9 | 31.64 | 156.3 | 31.64 |
| | 23 | 101.9 | 23.54 | 110.9 | 25.44 | 119.7 | 27.35 | 128.7 | 29.25 | 137.5 | 30.87 | 144.9 | 32.07 | 151.9 | 32.12 | 154.9 | 32.29 |
| | 25 | 101.9 | 24.09 | 110.9 | 26.04 | 119.7 | 27.98 | 128.7 | 29.95 | 137.5 | 31.65 | 143.8 | 32.69 | 149.9 | 33.09 | 152.9 | 33.35 |
| | 27 | 101.9 | 24.69 | 110.9 | 26.70 | 119.7 | 28.70 | 128.7 | 30.71 | 137.2 | 32.63 | 141.8 | 33.73 | 147.6 | 34.29 | 150.5 | 34.55 |
| | 30 | 101.9 | 25.74 | 110.9 | 27.84 | 119.7 | 29.95 | 128.7 | 32.67 | 135.7 | 35.22 | 138.4 | 35.53 | 144.0 | 36.15 | 146.7 | 36.44 |
| | 33 | 101.9 | 26.96 | 110.9 | 29.16 | 119.7 | 32.26 | 128.2 | 35.84 | 132.1 | 37.19 | 134.7 | 37.51 | 140.2 | 38.16 | 142.7 | 38.46 |
| | 35 | 101.9 | 27.98 | 110.9 | 30.69 | 119.7 | 34.61 | 126.6 | 37.47 | 129.7 | 38.49 | 132.2 | 38.84 | 137.5 | 39.50 | 140.2 | 39.81 |
| | 37 | 101.9 | 29.13 | 110.9 | 32.91 | 119.7 | 37.15 | 124.2 | 38.77 | 127.2 | 39.82 | 129.7 | 40.17 | 134.9 | 40.83 | 137.4 | 41.17 |
| | 40 | 101.9 | 32.19 | 110.9 | 36.54 | 118.5 | 40.31 | 121.0 | 40.70 | 123.4 | 41.80 | 125.9 | 42.18 | 130.9 | 42.87 | 133.4 | 43.20 |
| | 43 | 101.9 | 35.70 | 110.9 | 40.65 | 115.0 | 42.26 | 117.3 | 42.67 | 119.6 | 43.81 | 121.9 | 44.19 | 126.9 | 44.90 | 129.3 | 45.24 |
| | 46 | 101.9 | 39.67 | 109.1 | 43.77 | 111.4 | 44.21 | 113.8 | 44.64 | 115.7 | 45.83 | 118.1 | 46.21 | 122.8 | 46.96 | 125.1 | 47.31 |
| 125.0 (100%) | 10 | 92.8 | 19.53 | 100.9 | 21.08 | 108.8 | 22.62 | 116.9 | 24.19 | 125.0 | 25.38 | 135.6 | 27.39 | 152.5 | 30.21 | 155.9 | 30.21 |
| | 15 | 92.8 | 20.06 | 100.9 | 21.66 | 108.8 | 23.27 | 116.9 | 24.86 | 125.0 | 26.13 | 135.6 | 28.21 | 151.5 | 30.81 | 154.9 | 30.81 |
| | 21 | 92.8 | 21.08 | 100.9 | 22.78 | 108.8 | 24.49 | 116.9 | 26.17 | 125.0 | 27.58 | 135.6 | 29.78 | 149.4 | 31.95 | 152.8 | 31.97 |
| | 23 | 92.8 | 21.54 | 100.9 | 23.28 | 108.8 | 25.01 | 116.9 | 26.73 | 125.0 | 28.21 | 135.6 | 30.47 | 148.5 | 32.43 | 151.9 | 32.44 |
| | 25 | 92.8 | 22.03 | 100.9 | 23.81 | 108.8 | 25.58 | 116.9 | 27.36 | 125.0 | 28.92 | 135.6 | 31.23 | 147.1 | 33.20 | 149.9 | 33.48 |
| | 27 | 92.8 | 22.59 | 100.9 | 24.43 | 108.8 | 26.24 | 116.9 | 28.07 | 125.0 | 29.69 | 135.6 | 32.10 | 144.9 | 34.41 | 147.7 | 34.67 |
| | 30 | 92.8 | 23.54 | 100.9 | 25.45 | 108.8 | 27.36 | 116.9 | 29.26 | 125.0 | 31.13 | 135.5 | 35.31 | 141.4 | 36.27 | 144.2 | 36.58 |
| | 33 | 92.8 | 24.65 | 100.9 | 26.66 | 108.8 | 28.66 | 116.9 | 31.05 | 125.0 | 34.49 | 132.6 | 37.62 | 137.7 | 38.29 | 140.4 | 38.60 |
| | 35 | 92.8 | 25.58 | 100.9 | 27.68 | 108.8 | 29.86 | 116.9 | 33.33 | 125.0 | 37.10 | 130.1 | 38.97 | 135.2 | 39.64 | 137.9 | 39.97 |
| | 37 | 92.8 | 26.63 | 100.9 | 28.80 | 108.8 | 31.99 | 116.9 | 35.75 | 124.8 | 39.69 | 127.7 | 40.31 | 132.7 | 40.99 | 135.2 | 41.34 |
| | 40 | 92.8 | 28.40 | 100.9 | 31.63 | 108.8 | 35.52 | 116.9 | 39.77 | 121.5 | 41.96 | 123.9 | 42.32 | 128.9 | 43.05 | 131.4 | 43.39 |
| | 43 | 92.8 | 31.02 | 100.9 | 35.07 | 108.8 | 39.49 | 114.6 | 42.42 | 117.8 | 43.99 | 120.2 | 44.38 | 125.1 | 45.10 | 127.4 | 45.45 |
| | 46 | 92.8 | 34.36 | 100.9 | 38.95 | 108.5 | 43.71 | 111.1 | 44.40 | 114.1 | 46.02 | 116.4 | 46.42 | 121.1 | 47.19 | 123.3 | 47.55 |

MODEL SELECTION

| Cooling capacity at rated condition: 125.0 kW (44HP) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | Indoor temperature | | | | | | | | | | | | | | | |
| | | 20°CDB/15°CWB | | 23°CDB/16°CWB | | 24°CDB/17°CWB | | 26°CDB/18°CWB | | 27°CDB/19°CWB | | 28°CDB/20°CWB | | 30°CDB/22°CWB | | 32°CDB/23°CWB | |
| | °CDB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 112.5 (90%) | 10 | 83.4 | 17.72 | 90.7 | 19.13 | 98.1 | 20.52 | 105.3 | 21.93 | 112.5 | 23.01 | 122.1 | 24.82 | 141.2 | 28.44 | 150.2 | 30.11 |
| | 15 | 83.4 | 18.21 | 90.7 | 19.66 | 98.1 | 21.10 | 105.3 | 22.55 | 112.5 | 23.68 | 122.1 | 25.55 | 141.2 | 29.29 | 149.4 | 30.80 |
| | 21 | 83.4 | 19.14 | 90.7 | 20.68 | 98.1 | 22.19 | 105.3 | 23.71 | 112.5 | 24.99 | 122.1 | 26.96 | 141.2 | 30.93 | 147.5 | 31.94 |
| | 23 | 83.4 | 19.56 | 90.7 | 21.11 | 98.1 | 22.66 | 105.3 | 24.23 | 112.5 | 25.55 | 122.1 | 27.58 | 141.2 | 31.63 | 146.8 | 32.41 |
| | 25 | 83.4 | 19.99 | 90.7 | 21.60 | 98.1 | 23.19 | 105.3 | 24.79 | 112.5 | 26.18 | 122.1 | 28.27 | 141.2 | 32.42 | 145.5 | 33.07 |
| | 27 | 83.4 | 20.51 | 90.7 | 22.15 | 98.1 | 23.78 | 105.3 | 25.42 | 112.5 | 26.89 | 122.1 | 29.03 | 140.8 | 33.95 | 143.6 | 34.27 |
| | 30 | 83.4 | 21.36 | 90.7 | 23.08 | 98.1 | 24.79 | 105.3 | 26.50 | 112.5 | 28.10 | 122.1 | 30.34 | 137.6 | 35.82 | 140.2 | 36.11 |
| | 33 | 83.4 | 22.35 | 90.7 | 24.16 | 98.1 | 25.94 | 105.3 | 27.75 | 112.5 | 29.49 | 122.1 | 33.18 | 134.2 | 37.82 | 136.7 | 38.14 |
| | 35 | 83.4 | 23.18 | 90.7 | 25.06 | 98.1 | 26.95 | 105.3 | 28.83 | 112.5 | 31.35 | 122.1 | 35.66 | 131.7 | 39.17 | 134.2 | 39.51 |
| | 37 | 83.4 | 24.13 | 90.7 | 26.10 | 98.1 | 28.04 | 105.3 | 30.40 | 112.5 | 33.66 | 122.1 | 38.31 | 129.3 | 40.54 | 131.7 | 40.87 |
| | 40 | 83.4 | 25.71 | 90.7 | 27.81 | 98.1 | 30.32 | 105.3 | 33.74 | 112.5 | 37.44 | 120.8 | 41.86 | 125.7 | 42.58 | 128.0 | 42.93 |
| | 43 | 83.4 | 27.55 | 90.7 | 30.06 | 98.1 | 33.61 | 105.3 | 37.45 | 112.5 | 41.71 | 117.3 | 43.90 | 122.0 | 44.64 | 124.2 | 45.00 |
| | 46 | 83.4 | 29.68 | 90.7 | 33.29 | 98.1 | 37.30 | 105.3 | 41.66 | 111.3 | 45.54 | 113.6 | 45.94 | 118.2 | 46.71 | 120.4 | 47.07 |
| 100.0 (80%) | 10 | 74.1 | 15.94 | 80.6 | 17.19 | 87.2 | 18.42 | 93.5 | 19.67 | 100.0 | 20.62 | 108.4 | 22.23 | 125.4 | 25.45 | 133.8 | 27.06 |
| | 15 | 74.1 | 16.37 | 80.6 | 17.66 | 87.2 | 18.94 | 93.5 | 20.22 | 100.0 | 21.24 | 108.4 | 22.89 | 125.4 | 26.21 | 133.8 | 27.88 |
| | 21 | 74.1 | 17.20 | 80.6 | 18.55 | 87.2 | 19.90 | 93.5 | 21.27 | 100.0 | 22.39 | 108.4 | 24.16 | 125.4 | 27.68 | 133.8 | 29.43 |
| | 23 | 74.1 | 17.56 | 80.6 | 18.94 | 87.2 | 20.32 | 93.5 | 21.71 | 100.0 | 22.89 | 108.4 | 24.69 | 125.4 | 28.30 | 133.8 | 30.11 |
| | 25 | 74.1 | 17.95 | 80.6 | 19.37 | 87.2 | 20.81 | 93.5 | 22.22 | 100.0 | 23.45 | 108.4 | 25.31 | 125.4 | 29.00 | 133.8 | 30.86 |
| | 27 | 74.1 | 18.41 | 80.6 | 19.86 | 87.2 | 21.33 | 93.5 | 22.78 | 100.0 | 24.09 | 108.4 | 25.98 | 125.4 | 29.79 | 133.8 | 31.69 |
| | 30 | 74.1 | 19.17 | 80.6 | 20.68 | 87.2 | 22.22 | 93.5 | 23.74 | 100.0 | 25.15 | 108.4 | 27.15 | 125.4 | 31.27 | 133.8 | 34.66 |
| | 33 | 74.1 | 20.05 | 80.6 | 21.64 | 87.2 | 23.25 | 93.5 | 24.85 | 100.0 | 26.40 | 108.4 | 28.50 | 125.4 | 34.67 | 132.3 | 37.59 |
| | 35 | 74.1 | 20.79 | 80.6 | 22.46 | 87.2 | 24.13 | 93.5 | 25.80 | 100.0 | 27.42 | 108.4 | 29.64 | 125.4 | 37.28 | 129.9 | 38.94 |
| | 37 | 74.1 | 21.63 | 80.6 | 23.37 | 87.2 | 25.11 | 93.5 | 26.86 | 100.0 | 28.57 | 108.4 | 31.82 | 125.0 | 39.84 | 127.7 | 40.31 |
| | 40 | 74.1 | 23.05 | 80.6 | 24.92 | 87.2 | 26.76 | 93.5 | 28.63 | 100.0 | 31.27 | 108.4 | 35.36 | 121.8 | 42.00 | 124.2 | 42.35 |
| | 43 | 74.1 | 24.68 | 80.6 | 26.69 | 87.2 | 28.69 | 93.5 | 31.41 | 100.0 | 34.71 | 108.4 | 39.36 | 118.3 | 44.06 | 120.5 | 44.42 |
| | 46 | 74.1 | 26.56 | 80.6 | 28.73 | 87.2 | 31.39 | 93.5 | 34.82 | 100.0 | 38.58 | 108.4 | 43.85 | 114.8 | 46.13 | 117.0 | 46.51 |
| 87.5 (70%) | 10 | 65.0 | 14.14 | 70.6 | 15.23 | 76.2 | 16.34 | 81.9 | 17.42 | 87.5 | 18.25 | 95.0 | 19.66 | 109.7 | 22.48 | 117.2 | 23.90 |
| | 15 | 65.0 | 14.53 | 70.6 | 15.65 | 76.2 | 16.77 | 81.9 | 17.89 | 87.5 | 18.78 | 95.0 | 20.23 | 109.7 | 23.14 | 117.2 | 24.59 |
| | 21 | 65.0 | 15.26 | 70.6 | 16.44 | 76.2 | 17.62 | 81.9 | 18.81 | 87.5 | 19.79 | 95.0 | 21.34 | 109.7 | 24.42 | 117.2 | 25.97 |
| | 23 | 65.0 | 15.56 | 70.6 | 16.77 | 76.2 | 17.99 | 81.9 | 19.20 | 87.5 | 20.23 | 95.0 | 21.80 | 109.7 | 24.96 | 117.2 | 26.54 |
| | 25 | 65.0 | 15.92 | 70.6 | 17.16 | 76.2 | 18.41 | 81.9 | 19.63 | 87.5 | 20.72 | 95.0 | 22.35 | 109.7 | 25.58 | 117.2 | 27.19 |
| | 27 | 65.0 | 16.31 | 70.6 | 17.59 | 76.2 | 18.87 | 81.9 | 20.13 | 87.5 | 21.27 | 95.0 | 22.95 | 109.7 | 26.27 | 117.2 | 27.94 |
| | 30 | 65.0 | 16.97 | 70.6 | 18.31 | 76.2 | 19.63 | 81.9 | 20.98 | 87.5 | 22.22 | 95.0 | 23.96 | 109.7 | 27.45 | 117.2 | 29.19 |
| | 33 | 65.0 | 17.73 | 70.6 | 19.14 | 76.2 | 20.55 | 81.9 | 21.94 | 87.5 | 23.31 | 95.0 | 25.15 | 109.7 | 28.80 | 117.2 | 31.08 |
| | 35 | 65.0 | 18.41 | 70.6 | 19.86 | 76.2 | 21.31 | 81.9 | 22.78 | 87.5 | 24.20 | 95.0 | 26.11 | 109.7 | 30.17 | 117.2 | 33.39 |
| | 37 | 65.0 | 19.13 | 70.6 | 20.65 | 76.2 | 22.17 | 81.9 | 23.70 | 87.5 | 25.21 | 95.0 | 27.19 | 109.7 | 32.38 | 117.2 | 35.87 |
| | 40 | 65.0 | 20.36 | 70.6 | 22.00 | 76.2 | 23.63 | 81.9 | 25.25 | 87.5 | 26.89 | 95.0 | 29.03 | 109.7 | 36.01 | 117.2 | 39.97 |
| | 43 | 65.0 | 21.80 | 70.6 | 23.54 | 76.2 | 25.31 | 81.9 | 27.06 | 87.5 | 28.83 | 95.0 | 32.13 | 109.7 | 40.08 | 116.1 | 43.71 |
| | 46 | 65.0 | 23.44 | 70.6 | 25.34 | 76.2 | 27.23 | 81.9 | 29.13 | 87.5 | 31.68 | 95.0 | 35.65 | 109.7 | 44.70 | 112.7 | 45.80 |
| 75.0 (60%) | 10 | 55.6 | 12.36 | 60.6 | 13.29 | 65.3 | 14.23 | 70.3 | 15.16 | 75.0 | 15.88 | 81.3 | 17.07 | 94.1 | 19.50 | 100.4 | 20.71 |
| | 15 | 55.6 | 12.69 | 60.6 | 13.65 | 65.3 | 14.60 | 70.3 | 15.56 | 75.0 | 16.34 | 81.3 | 17.56 | 94.1 | 20.06 | 100.4 | 21.31 |
| | 21 | 55.6 | 13.31 | 60.6 | 14.31 | 65.3 | 15.33 | 70.3 | 16.35 | 75.0 | 17.20 | 81.3 | 18.51 | 94.1 | 21.15 | 100.4 | 22.48 |
| | 23 | 55.6 | 13.58 | 60.6 | 14.60 | 65.3 | 15.65 | 70.3 | 16.70 | 75.0 | 17.56 | 81.3 | 18.93 | 94.1 | 21.63 | 100.4 | 22.98 |
| | 25 | 55.6 | 13.88 | 60.6 | 14.93 | 65.3 | 16.01 | 70.3 | 17.07 | 75.0 | 17.99 | 81.3 | 19.39 | 94.1 | 22.16 | 100.4 | 23.54 |
| | 27 | 55.6 | 14.21 | 60.6 | 15.29 | 65.3 | 16.40 | 70.3 | 17.49 | 75.0 | 18.47 | 81.3 | 19.89 | 94.1 | 22.75 | 100.4 | 24.17 |
| | 30 | 55.6 | 14.77 | 60.6 | 15.92 | 65.3 | 17.07 | 70.3 | 18.21 | 75.0 | 19.27 | 81.3 | 20.78 | 94.1 | 23.77 | 100.4 | 25.25 |
| | 33 | 55.6 | 15.43 | 60.6 | 16.64 | 65.3 | 17.85 | 70.3 | 19.04 | 75.0 | 20.19 | 81.3 | 21.77 | 94.1 | 24.92 | 100.4 | 26.50 |
| | 35 | 55.6 | 16.01 | 60.6 | 17.26 | 65.3 | 18.51 | 70.3 | 19.76 | 75.0 | 20.98 | 81.3 | 22.62 | 94.1 | 25.90 | 100.4 | 27.54 |
| | 37 | 55.6 | 16.64 | 60.6 | 17.93 | 65.3 | 19.24 | 70.3 | 20.55 | 75.0 | 21.83 | 81.3 | 23.54 | 94.1 | 26.96 | 100.4 | 28.69 |
| | 40 | 55.6 | 17.69 | 60.6 | 19.08 | 65.3 | 20.48 | 70.3 | 21.87 | 75.0 | 23.28 | 81.3 | 25.12 | 94.1 | 28.80 | 100.4 | 31.47 |
| | 43 | 55.6 | 18.91 | 60.6 | 20.42 | 65.3 | 21.93 | 70.3 | 23.41 | 75.0 | 24.95 | 81.3 | 26.93 | 94.1 | 31.71 | 100.4 | 34.94 |
| | 46 | 55.6 | 20.32 | 60.6 | 21.96 | 65.3 | 23.57 | 70.3 | 25.21 | 75.0 | 26.89 | 81.3 | 29.02 | 94.1 | 35.18 | 100.4 | 38.84 |
| 62.5 (50%) | 10 | 46.3 | 10.56 | 50.3 | 11.35 | 54.4 | 12.13 | 58.4 | 12.90 | 62.5 | 13.49 | 67.8 | 14.50 | 78.4 | 16.51 | 83.7 | 17.53 |
| | 15 | 46.3 | 10.85 | 50.3 | 11.64 | 54.4 | 12.44 | 58.4 | 13.25 | 62.5 | 13.88 | 67.8 | 14.92 | 78.4 | 17.00 | 83.7 | 18.02 |
| | 21 | 46.3 | 11.35 | 50.3 | 12.20 | 54.4 | 13.05 | 58.4 | 13.91 | 62.5 | 14.60 | 67.8 | 15.69 | 78.4 | 17.89 | 83.7 | 19.00 |
| | 23 | 46.3 | 11.58 | 50.3 | 12.44 | 54.4 | 13.32 | 58.4 | 14.18 | 62.5 | 14.92 | 67.8 | 16.04 | 78.4 | 18.29 | 83.7 | 19.43 |
| | 25 | 46.3 | 11.84 | 50.3 | 12.72 | 54.4 | 13.61 | 58.4 | 14.50 | 62.5 | 15.26 | 67.8 | 16.41 | 78.4 | 18.74 | 83.7 | 19.89 |
| | 27 | 46.3 | 12.11 | 50.3 | 13.02 | 54.4 | 13.94 | 58.4 | 14.84 | 62.5 | 15.66 | 67.8 | 16.84 | 78.4 | 19.23 | 83.7 | 20.42 |
| | 30 | 46.3 | 12.59 | 50.3 | 13.55 | 54.4 | 14.50 | 58.4 | 15.45 | 62.5 | 16.34 | 67.8 | 17.59 | 78.4 | 20.06 | 83.7 | 21.31 |
| | 33 | 46.3 | 13.13 | 50.3 | 14.14 | 54.4 | 15.13 | 58.4 | 16.14 | 62.5 | 17.10 | 67.8 | 18.42 | 78.4 | 21.04 | 83.7 | 22.36 |
| | 35 | 46.3 | 13.61 | 50.3 | 14.64 | 54.4 | 15.69 | 58.4 | 16.73 | 62.5 | 17.75 | 67.8 | 19.11 | 78.4 | 21.86 | 83.7 | 23.21 |
| | 37 | 46.3 | 14.14 | 50.3 | 15.22 | 54.4 | 16.31 | 58.4 | 17.39 | 62.5 | 18.47 | 67.8 | 19.89 | 78.4 | 22.75 | 83.7 | 24.17 |
| | 40 | 46.3 | 15.00 | 50.3 | 16.18 | 54.4 | 17.33 | 58.4 | 18.51 | 62.5 | 19.67 | 67.8 | 21.21 | 78.4 | 24.26 | 83.7 | 25.80 |
| | 43 | 46.3 | 16.02 | 50.3 | 17.29 | 54.4 | 18.54 | 58.4 | 19.79 | 62.5 | 21.07 | 67.8 | 22.72 | 78.4 | 26.00 | 83.7 | 27.65 |
| | 46 | 46.3 | 17.20 | 50.3 | 18.55 | 54.4 | 19.92 | 58.4 | 21.27 | 62.5 | 22.66 | 67.8 | 24.46 | 78.4 | 28.01 | 83.7 | 29.81 |

MODEL SELECTION

# 5. Heating capacity table (Outdoor unit)

- TC: Total capacity (kW)
- IP: Input power of compressor and outdoor fan motor (kW)
- The data is based on the following conditions:
  - Pipe length: 7.5 m
  - Height difference: 0 m

## 5-1. Stand-alone

### ■ Model: AJ∗072GALDH

| Heating capacity at rated condition: 25.0 kW (8HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 33.6 (150%) | -20.0 | -20.7 | 16.8 | 5.36 | 16.7 | 5.41 | 16.6 | 5.45 | 16.6 | 5.47 | 16.5 | 5.49 | 16.4 | 5.53 | 16.3 | 5.57 |
| | -15.0 | -16.0 | 19.2 | 5.54 | 19.1 | 5.59 | 19.0 | 5.64 | 18.9 | 5.66 | 18.9 | 5.69 | 18.8 | 5.74 | 18.7 | 5.79 |
| | -12.0 | -13.0 | 20.8 | 5.65 | 20.7 | 5.71 | 20.5 | 5.76 | 20.5 | 5.79 | 20.4 | 5.82 | 20.3 | 5.87 | 20.2 | 5.93 |
| | -9.0 | -10.0 | 22.4 | 5.76 | 22.2 | 5.82 | 22.1 | 5.88 | 22.0 | 5.91 | 22.0 | 5.94 | 21.9 | 6.00 | 21.7 | 6.06 |
| | -7.0 | -8.0 | 23.4 | 5.83 | 23.3 | 5.89 | 23.2 | 5.96 | 23.1 | 5.99 | 23.0 | 6.02 | 22.9 | 6.08 | 22.8 | 6.15 |
| | -5.0 | -6.0 | 24.5 | 5.90 | 24.4 | 5.97 | 24.2 | 6.03 | 24.2 | 6.07 | 24.1 | 6.10 | 23.9 | 6.17 | 23.8 | 6.23 |
| | -3.0 | -4.0 | 25.6 | 5.97 | 25.5 | 6.04 | 25.3 | 6.11 | 25.2 | 6.15 | 25.1 | 6.18 | 25.0 | 6.25 | 24.8 | 6.32 |
| | -1.0 | -2.0 | 26.7 | 6.04 | 26.5 | 6.11 | 26.4 | 6.19 | 26.3 | 6.22 | 26.2 | 6.26 | 26.0 | 6.33 | 25.9 | 6.40 |
| | 0.0 | -1.0 | 27.2 | 6.08 | 27.1 | 6.15 | 26.9 | 6.22 | 26.8 | 6.26 | 26.7 | 6.30 | 26.6 | 6.37 | 26.4 | 6.44 |
| | 2.0 | 1.0 | 28.3 | 6.15 | 28.2 | 6.22 | 28.0 | 6.30 | 27.9 | 6.33 | 27.8 | 6.37 | 27.6 | 6.45 | 26.4 | 6.19 |
| | 5.0 | 4.0 | 30.0 | 6.24 | 29.8 | 6.32 | 29.6 | 6.40 | 29.5 | 6.44 | 29.4 | 6.48 | 28.8 | 6.43 | 26.4 | 5.85 |
| | 7.0 | 6.0 | 31.1 | 6.31 | 30.9 | 6.39 | 30.7 | 6.47 | 30.6 | 6.51 | 30.5 | 6.55 | 28.8 | 6.19 | 26.4 | 5.63 |
| | 9.0 | 7.8 | 32.1 | 6.37 | 31.9 | 6.45 | 31.7 | 6.53 | 31.6 | 6.57 | 31.2 | 6.54 | 28.8 | 5.99 | 26.4 | 5.45 |
| | 12.0 | 10.6 | 33.7 | 6.45 | 33.4 | 6.54 | 33.2 | 6.62 | 32.4 | 6.48 | 31.2 | 6.21 | 28.8 | 5.68 | 26.4 | 5.17 |
| | 15.0 | 13.5 | 35.2 | 6.54 | 35.0 | 6.62 | 33.6 | 6.39 | 32.4 | 6.14 | 31.2 | 5.88 | 28.8 | 5.39 | 26.4 | 4.90 |
| 31.3 (140%) | -20.0 | -20.7 | 16.8 | 5.39 | 16.7 | 5.43 | 16.6 | 5.47 | 16.5 | 5.49 | 16.5 | 5.51 | 16.4 | 5.55 | 16.3 | 5.59 |
| | -15.0 | -16.0 | 19.1 | 5.57 | 19.0 | 5.62 | 18.9 | 5.67 | 18.9 | 5.69 | 18.8 | 5.72 | 18.7 | 5.77 | 18.6 | 5.82 |
| | -12.0 | -13.0 | 20.7 | 5.68 | 20.6 | 5.74 | 20.5 | 5.79 | 20.4 | 5.82 | 20.4 | 5.85 | 20.2 | 5.90 | 20.1 | 5.96 |
| | -9.0 | -10.0 | 22.3 | 5.80 | 22.1 | 5.86 | 22.0 | 5.92 | 22.0 | 5.95 | 21.9 | 5.98 | 21.8 | 6.04 | 21.6 | 6.10 |
| | -7.0 | -8.0 | 23.3 | 5.88 | 23.2 | 5.94 | 23.1 | 6.00 | 23.0 | 6.03 | 22.9 | 6.06 | 22.8 | 6.13 | 22.7 | 6.19 |
| | -5.0 | -6.0 | 24.4 | 5.95 | 24.3 | 6.02 | 24.1 | 6.08 | 24.1 | 6.12 | 24.0 | 6.15 | 23.8 | 6.21 | 23.7 | 6.28 |
| | -3.0 | -4.0 | 25.5 | 6.03 | 25.3 | 6.09 | 25.2 | 6.16 | 25.1 | 6.20 | 25.0 | 6.23 | 24.9 | 6.30 | 24.6 | 6.34 |
| | -1.0 | -2.0 | 26.6 | 6.10 | 26.4 | 6.17 | 26.2 | 6.24 | 26.2 | 6.28 | 26.1 | 6.31 | 25.9 | 6.39 | 24.6 | 6.09 |
| | 0.0 | -1.0 | 27.1 | 6.14 | 26.9 | 6.21 | 26.8 | 6.28 | 26.7 | 6.32 | 26.6 | 6.35 | 26.4 | 6.43 | 24.6 | 5.98 |
| | 2.0 | 1.0 | 28.2 | 6.21 | 28.0 | 6.28 | 27.8 | 6.36 | 27.8 | 6.40 | 27.7 | 6.43 | 26.9 | 6.32 | 24.6 | 5.75 |
| | 5.0 | 4.0 | 29.8 | 6.31 | 29.6 | 6.39 | 29.4 | 6.47 | 29.3 | 6.51 | 29.1 | 6.51 | 26.9 | 5.97 | 24.6 | 5.43 |
| | 7.0 | 6.0 | 30.9 | 6.38 | 30.7 | 6.46 | 30.5 | 6.54 | 30.2 | 6.54 | 29.1 | 6.27 | 26.9 | 5.74 | 24.6 | 5.23 |
| | 9.0 | 7.8 | 31.9 | 6.44 | 31.7 | 6.53 | 31.3 | 6.58 | 30.2 | 6.32 | 29.1 | 6.06 | 26.9 | 5.55 | 24.6 | 5.06 |
| | 12.0 | 10.6 | 33.4 | 6.54 | 33.2 | 6.62 | 31.3 | 6.24 | 30.2 | 6.00 | 29.1 | 5.75 | 26.9 | 5.27 | 24.6 | 4.80 |
| | 15.0 | 13.5 | 35.0 | 6.63 | 33.6 | 6.39 | 31.3 | 5.92 | 30.2 | 5.68 | 29.1 | 5.45 | 26.9 | 5.00 | 24.6 | 4.56 |
| 29.1 (130%) | -20.0 | -20.7 | 16.7 | 5.41 | 16.6 | 5.45 | 16.5 | 5.49 | 16.5 | 5.51 | 16.4 | 5.53 | 16.3 | 5.57 | 16.2 | 5.62 |
| | -15.0 | -16.0 | 19.1 | 5.60 | 19.0 | 5.65 | 18.9 | 5.70 | 18.8 | 5.72 | 18.8 | 5.75 | 18.6 | 5.80 | 18.5 | 5.85 |
| | -12.0 | -13.0 | 20.6 | 5.72 | 20.5 | 5.78 | 20.4 | 5.83 | 20.3 | 5.86 | 20.3 | 5.89 | 20.2 | 5.94 | 20.0 | 6.00 |
| | -9.0 | -10.0 | 22.2 | 5.84 | 22.1 | 5.90 | 21.9 | 5.96 | 21.9 | 5.99 | 21.8 | 6.02 | 21.7 | 6.08 | 21.6 | 6.14 |
| | -7.0 | -8.0 | 23.2 | 5.93 | 23.1 | 5.99 | 23.0 | 6.05 | 22.9 | 6.08 | 22.8 | 6.11 | 22.7 | 6.18 | 22.6 | 6.24 |
| | -5.0 | -6.0 | 24.3 | 6.01 | 24.2 | 6.07 | 24.0 | 6.14 | 23.9 | 6.17 | 23.9 | 6.20 | 23.7 | 6.27 | 22.9 | 6.10 |
| | -3.0 | -4.0 | 25.4 | 6.08 | 25.2 | 6.15 | 25.1 | 6.22 | 25.0 | 6.26 | 24.9 | 6.29 | 24.8 | 6.36 | 22.9 | 5.86 |
| | -1.0 | -2.0 | 26.4 | 6.16 | 26.3 | 6.23 | 26.1 | 6.31 | 26.0 | 6.34 | 25.9 | 6.38 | 25.0 | 6.18 | 22.9 | 5.63 |
| | 0.0 | -1.0 | 27.0 | 6.20 | 26.8 | 6.27 | 26.6 | 6.35 | 26.5 | 6.38 | 26.5 | 6.42 | 25.0 | 6.06 | 22.9 | 5.52 |
| | 2.0 | 1.0 | 28.0 | 6.28 | 27.9 | 6.35 | 27.7 | 6.43 | 27.6 | 6.47 | 27.0 | 6.36 | 25.0 | 5.83 | 22.9 | 5.31 |
| | 5.0 | 4.0 | 29.6 | 6.39 | 29.4 | 6.47 | 29.1 | 6.51 | 28.1 | 6.26 | 27.0 | 6.00 | 25.0 | 5.51 | 22.9 | 5.02 |
| | 7.0 | 6.0 | 30.7 | 6.47 | 30.5 | 6.55 | 29.1 | 6.27 | 28.1 | 6.02 | 27.0 | 5.78 | 25.0 | 5.30 | 22.9 | 4.84 |
| | 9.0 | 7.8 | 31.7 | 6.53 | 31.2 | 6.54 | 29.1 | 6.06 | 28.1 | 5.82 | 27.0 | 5.59 | 25.0 | 5.13 | 22.9 | 4.68 |
| | 12.0 | 10.6 | 33.1 | 6.63 | 31.2 | 6.21 | 29.1 | 5.75 | 28.1 | 5.53 | 27.0 | 5.31 | 25.0 | 4.87 | 22.9 | 4.44 |
| | 15.0 | 13.5 | 33.3 | 6.32 | 31.2 | 5.88 | 29.1 | 5.45 | 28.1 | 5.24 | 27.0 | 5.03 | 25.0 | 4.62 | 22.9 | 4.21 |
| 26.8 (120%) | -20.0 | -20.7 | 16.7 | 5.44 | 16.6 | 5.48 | 16.5 | 5.52 | 16.4 | 5.54 | 16.4 | 5.56 | 16.3 | 5.60 | 16.2 | 5.64 |
| | -15.0 | -16.0 | 19.0 | 5.64 | 18.9 | 5.69 | 18.8 | 5.74 | 18.7 | 5.76 | 18.7 | 5.79 | 18.6 | 5.84 | 18.5 | 5.89 |
| | -12.0 | -13.0 | 20.5 | 5.77 | 20.4 | 5.82 | 20.3 | 5.88 | 20.2 | 5.90 | 20.2 | 5.93 | 20.1 | 5.99 | 19.9 | 6.04 |
| | -9.0 | -10.0 | 22.1 | 5.90 | 21.9 | 5.96 | 21.8 | 6.02 | 21.8 | 6.05 | 21.7 | 6.08 | 21.6 | 6.14 | 21.1 | 6.08 |
| | -7.0 | -8.0 | 23.1 | 5.98 | 23.0 | 6.05 | 22.8 | 6.11 | 22.8 | 6.14 | 22.7 | 6.17 | 22.6 | 6.23 | 21.1 | 5.83 |
| | -5.0 | -6.0 | 24.2 | 6.07 | 24.0 | 6.13 | 23.9 | 6.20 | 23.8 | 6.23 | 23.7 | 6.27 | 23.0 | 6.14 | 21.1 | 5.60 |
| | -3.0 | -4.0 | 25.2 | 6.15 | 25.1 | 6.22 | 24.9 | 6.29 | 24.8 | 6.32 | 24.8 | 6.36 | 23.0 | 5.90 | 21.1 | 5.38 |
| | -1.0 | -2.0 | 26.3 | 6.24 | 26.1 | 6.31 | 25.9 | 6.38 | 25.9 | 6.42 | 25.0 | 6.18 | 23.0 | 5.67 | 21.1 | 5.18 |
| | 0.0 | -1.0 | 26.8 | 6.28 | 26.6 | 6.35 | 26.4 | 6.42 | 25.9 | 6.31 | 25.0 | 6.06 | 23.0 | 5.56 | 21.1 | 5.08 |
| | 2.0 | 1.0 | 27.8 | 6.36 | 27.7 | 6.44 | 26.8 | 6.32 | 25.9 | 6.07 | 25.0 | 5.83 | 23.0 | 5.35 | 21.1 | 4.89 |
| | 5.0 | 4.0 | 29.4 | 6.49 | 28.8 | 6.43 | 26.8 | 5.97 | 25.9 | 5.73 | 25.0 | 5.51 | 23.0 | 5.06 | 21.1 | 4.62 |
| | 7.0 | 6.0 | 30.5 | 6.57 | 28.8 | 6.19 | 26.8 | 5.74 | 25.9 | 5.52 | 25.0 | 5.30 | 23.0 | 4.87 | 21.1 | 4.45 |
| | 9.0 | 7.8 | 30.7 | 6.43 | 28.8 | 5.99 | 26.8 | 5.55 | 25.9 | 5.34 | 25.0 | 5.13 | 23.0 | 4.71 | 21.1 | 4.30 |
| | 12.0 | 10.6 | 30.7 | 6.10 | 28.8 | 5.68 | 26.8 | 5.27 | 25.9 | 5.07 | 25.0 | 4.87 | 23.0 | 4.48 | 21.1 | 4.09 |
| | 15.0 | 13.5 | 30.7 | 5.78 | 28.8 | 5.39 | 26.8 | 5.00 | 25.9 | 4.81 | 25.0 | 4.62 | 23.0 | 4.25 | 21.1 | 3.88 |

MODEL SELECTION

| Heating capacity at rated condition: 25.0 kW (8HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 24.6 (110%) | -20.0 | -20.7 | 16.6 | 5.47 | 16.5 | 5.51 | 16.4 | 5.55 | 16.3 | 5.57 | 16.3 | 5.59 | 16.2 | 5.63 | 16.1 | 5.67 |
| | -15.0 | -16.0 | 18.9 | 5.68 | 18.8 | 5.73 | 18.7 | 5.78 | 18.6 | 5.81 | 18.6 | 5.83 | 18.5 | 5.88 | 18.4 | 5.93 |
| | -12.0 | -13.0 | 20.4 | 5.82 | 20.3 | 5.88 | 20.2 | 5.93 | 20.1 | 5.96 | 20.1 | 5.98 | 20.0 | 6.04 | 19.4 | 5.92 |
| | -9.0 | -10.0 | 21.9 | 5.96 | 21.8 | 6.02 | 21.7 | 6.08 | 21.6 | 6.11 | 21.6 | 6.14 | 21.1 | 6.08 | 19.4 | 5.55 |
| | -7.0 | -8.0 | 23.0 | 6.05 | 22.8 | 6.11 | 22.7 | 6.18 | 22.6 | 6.21 | 22.6 | 6.24 | 21.1 | 5.83 | 19.4 | 5.32 |
| | -5.0 | -6.0 | 24.0 | 6.14 | 23.9 | 6.21 | 23.7 | 6.27 | 23.6 | 6.31 | 22.9 | 6.10 | 21.1 | 5.60 | 19.4 | 5.11 |
| | -3.0 | -4.0 | 25.0 | 6.23 | 24.9 | 6.30 | 24.6 | 6.34 | 23.8 | 6.10 | 22.9 | 5.86 | 21.1 | 5.38 | 19.4 | 4.92 |
| | -1.0 | -2.0 | 26.1 | 6.33 | 25.9 | 6.40 | 24.6 | 6.09 | 23.8 | 5.86 | 22.9 | 5.63 | 21.1 | 5.18 | 19.4 | 4.73 |
| | 0.0 | -1.0 | 26.6 | 6.37 | 26.4 | 6.44 | 24.6 | 5.98 | 23.8 | 5.75 | 22.9 | 5.52 | 21.1 | 5.08 | 19.4 | 4.64 |
| | 2.0 | 1.0 | 27.6 | 6.46 | 26.4 | 6.19 | 24.6 | 5.75 | 23.8 | 5.53 | 22.9 | 5.31 | 21.1 | 4.89 | 19.4 | 4.47 |
| | 5.0 | 4.0 | 28.2 | 6.28 | 26.4 | 5.85 | 24.6 | 5.43 | 23.8 | 5.22 | 22.9 | 5.02 | 21.1 | 4.62 | 19.4 | 4.22 |
| | 7.0 | 6.0 | 28.2 | 6.04 | 26.4 | 5.63 | 24.6 | 5.23 | 23.8 | 5.03 | 22.9 | 4.84 | 21.1 | 4.45 | 19.4 | 4.07 |
| | 9.0 | 7.8 | 28.2 | 5.84 | 26.4 | 5.45 | 24.6 | 5.06 | 23.8 | 4.87 | 22.9 | 4.68 | 21.1 | 4.30 | 19.4 | 3.94 |
| | 12.0 | 10.6 | 28.2 | 5.55 | 26.4 | 5.17 | 24.6 | 4.80 | 23.8 | 4.62 | 22.9 | 4.44 | 21.1 | 4.09 | 19.4 | 3.74 |
| | 15.0 | 13.5 | 28.2 | 5.26 | 26.4 | 4.90 | 24.6 | 4.56 | 23.8 | 4.38 | 22.9 | 4.21 | 21.1 | 3.88 | 19.4 | 3.55 |
| 22.4 (100%) | -20.0 | -20.7 | 16.4 | 5.49 | 16.3 | 5.54 | 16.3 | 5.58 | 16.2 | 5.60 | 16.2 | 5.62 | 16.1 | 5.67 | 16.0 | 5.71 |
| | -15.0 | -16.0 | 18.8 | 5.73 | 18.7 | 5.79 | 18.6 | 5.84 | 18.5 | 5.86 | 18.5 | 5.89 | 18.4 | 5.94 | 17.6 | 5.74 |
| | -12.0 | -13.0 | 20.3 | 5.89 | 20.2 | 5.95 | 20.1 | 6.00 | 20.0 | 6.03 | 19.9 | 6.06 | 19.2 | 5.88 | 17.6 | 5.37 |
| | -9.0 | -10.0 | 21.8 | 6.05 | 21.7 | 6.11 | 21.6 | 6.17 | 21.5 | 6.20 | 20.8 | 5.99 | 19.2 | 5.51 | 17.6 | 5.04 |
| | -7.0 | -8.0 | 22.8 | 6.15 | 22.7 | 6.22 | 22.4 | 6.22 | 21.6 | 5.98 | 20.8 | 5.75 | 19.2 | 5.29 | 17.6 | 4.83 |
| | -5.0 | -6.0 | 23.9 | 6.26 | 23.7 | 6.33 | 22.4 | 5.97 | 21.6 | 5.74 | 20.8 | 5.52 | 19.2 | 5.08 | 17.6 | 4.64 |
| | -3.0 | -4.0 | 24.9 | 6.36 | 24.0 | 6.17 | 22.4 | 5.73 | 21.6 | 5.52 | 20.8 | 5.30 | 19.2 | 4.88 | 17.6 | 4.46 |
| | -1.0 | -2.0 | 25.6 | 6.36 | 24.0 | 5.93 | 22.4 | 5.51 | 21.6 | 5.30 | 20.8 | 5.10 | 19.2 | 4.69 | 17.6 | 4.29 |
| | 0.0 | -1.0 | 25.6 | 6.23 | 24.0 | 5.81 | 22.4 | 5.40 | 21.6 | 5.20 | 20.8 | 5.00 | 19.2 | 4.60 | 17.6 | 4.21 |
| | 2.0 | 1.0 | 25.6 | 5.99 | 24.0 | 5.59 | 22.4 | 5.20 | 21.6 | 5.00 | 20.8 | 4.81 | 19.2 | 4.43 | 17.6 | 4.05 |
| | 5.0 | 4.0 | 25.6 | 5.66 | 24.0 | 5.28 | 22.4 | 4.91 | 21.6 | 4.73 | 20.8 | 4.55 | 19.2 | 4.19 | 17.6 | 3.83 |
| | 7.0 | 6.0 | 25.6 | 5.45 | 24.0 | 5.09 | 22.4 | 4.73 | 21.6 | 4.55 | 20.8 | 4.38 | 19.2 | 4.03 | 17.6 | 3.70 |
| | 9.0 | 7.8 | 25.6 | 5.27 | 24.0 | 4.92 | 22.4 | 4.57 | 21.6 | 4.40 | 20.8 | 4.24 | 19.2 | 3.90 | 17.6 | 3.58 |
| | 12.0 | 10.6 | 25.6 | 5.00 | 24.0 | 4.67 | 22.4 | 4.34 | 21.6 | 4.18 | 20.8 | 4.02 | 19.2 | 3.71 | 17.6 | 3.40 |
| | 15.0 | 13.5 | 25.6 | 4.74 | 24.0 | 4.43 | 22.4 | 4.12 | 21.6 | 3.97 | 20.8 | 3.82 | 19.2 | 3.52 | 17.6 | 3.23 |
| 20.1 (90%) | -20.0 | -20.7 | 16.4 | 5.55 | 16.3 | 5.59 | 16.2 | 5.63 | 16.1 | 5.65 | 16.1 | 5.68 | 16.0 | 5.72 | 15.8 | 5.73 |
| | -15.0 | -16.0 | 18.7 | 5.80 | 18.5 | 5.85 | 18.4 | 5.90 | 18.4 | 5.92 | 18.3 | 5.95 | 17.3 | 5.62 | 15.8 | 5.14 |
| | -12.0 | -13.0 | 20.1 | 5.96 | 20.0 | 6.01 | 19.9 | 6.07 | 19.4 | 5.94 | 18.7 | 5.71 | 17.3 | 5.26 | 15.8 | 4.81 |
| | -9.0 | -10.0 | 21.6 | 6.12 | 21.5 | 6.18 | 20.1 | 5.79 | 19.4 | 5.57 | 18.7 | 5.36 | 17.3 | 4.93 | 15.8 | 4.52 |
| | -7.0 | -8.0 | 22.6 | 6.23 | 21.6 | 5.97 | 20.1 | 5.56 | 19.4 | 5.35 | 18.7 | 5.14 | 17.3 | 4.74 | 15.8 | 4.34 |
| | -5.0 | -6.0 | 23.0 | 6.14 | 21.6 | 5.74 | 20.1 | 5.33 | 19.4 | 5.14 | 18.7 | 4.94 | 17.3 | 4.55 | 15.8 | 4.17 |
| | -3.0 | -4.0 | 23.0 | 5.90 | 21.6 | 5.51 | 20.1 | 5.13 | 19.4 | 4.94 | 18.7 | 4.75 | 17.3 | 4.38 | 15.8 | 4.01 |
| | -1.0 | -2.0 | 23.0 | 5.67 | 21.6 | 5.30 | 20.1 | 4.93 | 19.4 | 4.75 | 18.7 | 4.57 | 17.3 | 4.21 | 15.8 | 3.86 |
| | 0.0 | -1.0 | 23.0 | 5.56 | 21.6 | 5.20 | 20.1 | 4.84 | 19.4 | 4.66 | 18.7 | 4.48 | 17.3 | 4.13 | 15.8 | 3.79 |
| | 2.0 | 1.0 | 23.0 | 5.35 | 21.6 | 5.00 | 20.1 | 4.66 | 19.4 | 4.48 | 18.7 | 4.31 | 17.3 | 3.98 | 15.8 | 3.65 |
| | 5.0 | 4.0 | 23.0 | 5.06 | 21.6 | 4.73 | 20.1 | 4.40 | 19.4 | 4.24 | 18.7 | 4.08 | 17.3 | 3.76 | 15.8 | 3.45 |
| | 7.0 | 6.0 | 23.0 | 4.87 | 21.6 | 4.55 | 20.1 | 4.24 | 19.4 | 4.09 | 18.7 | 3.93 | 17.3 | 3.63 | 15.8 | 3.33 |
| | 9.0 | 7.8 | 23.0 | 4.71 | 21.6 | 4.41 | 20.1 | 4.10 | 19.4 | 3.95 | 18.7 | 3.81 | 17.3 | 3.51 | 15.8 | 3.22 |
| | 12.0 | 10.6 | 23.0 | 4.48 | 21.6 | 4.19 | 20.1 | 3.90 | 19.4 | 3.76 | 18.7 | 3.62 | 17.3 | 3.34 | 15.8 | 3.07 |
| | 15.0 | 13.5 | 23.0 | 4.25 | 21.6 | 3.97 | 20.1 | 3.70 | 19.4 | 3.57 | 18.7 | 3.43 | 17.3 | 3.17 | 15.8 | 2.91 |
| 17.9 (80%) | -20.0 | -20.7 | 16.2 | 5.61 | 16.2 | 5.65 | 16.1 | 5.69 | 16.0 | 5.71 | 16.0 | 5.73 | 15.4 | 5.55 | 14.1 | 5.08 |
| | -15.0 | -16.0 | 18.5 | 5.88 | 18.4 | 5.93 | 17.9 | 5.83 | 17.3 | 5.62 | 16.6 | 5.40 | 15.4 | 4.98 | 14.1 | 4.56 |
| | -12.0 | -13.0 | 19.9 | 6.05 | 19.2 | 5.86 | 17.9 | 5.46 | 17.3 | 5.26 | 16.6 | 5.06 | 15.4 | 4.66 | 14.1 | 4.27 |
| | -9.0 | -10.0 | 20.5 | 5.89 | 19.2 | 5.50 | 17.9 | 5.12 | 17.3 | 4.93 | 16.6 | 4.75 | 15.4 | 4.38 | 14.1 | 4.01 |
| | -7.0 | -8.0 | 20.5 | 5.65 | 19.2 | 5.28 | 17.9 | 4.92 | 17.3 | 4.74 | 16.6 | 4.56 | 15.4 | 4.20 | 14.1 | 3.86 |
| | -5.0 | -6.0 | 20.5 | 5.42 | 19.2 | 5.07 | 17.9 | 4.72 | 17.3 | 4.55 | 16.6 | 4.38 | 15.4 | 4.04 | 14.1 | 3.71 |
| | -3.0 | -4.0 | 20.5 | 5.21 | 19.2 | 4.87 | 17.9 | 4.54 | 17.3 | 4.38 | 16.6 | 4.21 | 15.4 | 3.89 | 14.1 | 3.57 |
| | -1.0 | -2.0 | 20.5 | 5.01 | 19.2 | 4.69 | 17.9 | 4.37 | 17.3 | 4.21 | 16.6 | 4.05 | 15.4 | 3.74 | 14.1 | 3.44 |
| | 0.0 | -1.0 | 20.5 | 4.92 | 19.2 | 4.60 | 17.9 | 4.29 | 17.3 | 4.13 | 16.6 | 3.98 | 15.4 | 3.67 | 14.1 | 3.37 |
| | 2.0 | 1.0 | 20.5 | 4.73 | 19.2 | 4.43 | 17.9 | 4.13 | 17.3 | 3.98 | 16.6 | 3.83 | 15.4 | 3.54 | 14.1 | 3.25 |
| | 5.0 | 4.0 | 20.5 | 4.47 | 19.2 | 4.19 | 17.9 | 3.90 | 17.3 | 3.76 | 16.6 | 3.62 | 15.4 | 3.35 | 14.1 | 3.08 |
| | 7.0 | 6.0 | 20.5 | 4.31 | 19.2 | 4.03 | 17.9 | 3.76 | 17.3 | 3.63 | 16.6 | 3.50 | 15.4 | 3.23 | 14.1 | 2.97 |
| | 9.0 | 7.8 | 20.5 | 4.17 | 19.2 | 3.90 | 17.9 | 3.64 | 17.3 | 3.51 | 16.6 | 3.38 | 15.4 | 3.13 | 14.1 | 2.88 |
| | 12.0 | 10.6 | 20.5 | 3.96 | 19.2 | 3.71 | 17.9 | 3.46 | 17.3 | 3.34 | 16.6 | 3.22 | 15.4 | 2.98 | 14.1 | 2.74 |
| | 15.0 | 13.5 | 20.5 | 3.76 | 19.2 | 3.52 | 17.9 | 3.29 | 17.3 | 3.17 | 16.6 | 3.06 | 15.4 | 2.83 | 14.1 | 2.60 |
| 15.6 (70%) | -20.0 | -20.7 | 16.1 | 5.68 | 16.0 | 5.72 | 15.6 | 5.67 | 15.1 | 5.46 | 14.6 | 5.26 | 13.4 | 4.85 | 12.3 | 4.44 |
| | -15.0 | -16.0 | 17.9 | 5.83 | 16.8 | 5.46 | 15.6 | 5.08 | 15.1 | 4.90 | 14.6 | 4.71 | 13.4 | 4.35 | 12.3 | 3.99 |
| | -12.0 | -13.0 | 17.9 | 5.46 | 16.8 | 5.11 | 15.6 | 4.76 | 15.1 | 4.59 | 14.6 | 4.42 | 13.4 | 4.08 | 12.3 | 3.74 |
| | -9.0 | -10.0 | 17.9 | 5.12 | 16.8 | 4.79 | 15.6 | 4.47 | 15.1 | 4.31 | 14.6 | 4.15 | 13.4 | 3.83 | 12.3 | 3.52 |
| | -7.0 | -8.0 | 17.9 | 4.92 | 16.8 | 4.60 | 15.6 | 4.29 | 15.1 | 4.14 | 14.6 | 3.99 | 13.4 | 3.68 | 12.3 | 3.39 |
| | -5.0 | -6.0 | 17.9 | 4.72 | 16.8 | 4.42 | 15.6 | 4.13 | 15.1 | 3.98 | 14.6 | 3.83 | 13.4 | 3.54 | 12.3 | 3.26 |
| | -3.0 | -4.0 | 17.9 | 4.54 | 16.8 | 4.25 | 15.6 | 3.97 | 15.1 | 3.83 | 14.6 | 3.69 | 13.4 | 3.41 | 12.3 | 3.14 |
| | -1.0 | -2.0 | 17.9 | 4.37 | 16.8 | 4.09 | 15.6 | 3.82 | 15.1 | 3.68 | 14.6 | 3.55 | 13.4 | 3.28 | 12.3 | 3.02 |
| | 0.0 | -1.0 | 17.9 | 4.29 | 16.8 | 4.02 | 15.6 | 3.75 | 15.1 | 3.62 | 14.6 | 3.48 | 13.4 | 3.22 | 12.3 | 2.97 |
| | 2.0 | 1.0 | 17.9 | 4.13 | 16.8 | 3.87 | 15.6 | 3.61 | 15.1 | 3.48 | 14.6 | 3.36 | 13.4 | 3.11 | 12.3 | 2.86 |
| | 5.0 | 4.0 | 17.9 | 3.90 | 16.8 | 3.66 | 15.6 | 3.42 | 15.1 | 3.30 | 14.6 | 3.18 | 13.4 | 2.94 | 12.3 | 2.71 |
| | 7.0 | 6.0 | 17.9 | 3.76 | 16.8 | 3.53 | 15.6 | 3.30 | 15.1 | 3.18 | 14.6 | 3.07 | 13.4 | 2.84 | 12.3 | 2.62 |
| | 9.0 | 7.8 | 17.9 | 3.64 | 16.8 | 3.42 | 15.6 | 3.19 | 15.1 | 3.08 | 14.6 | 2.97 | 13.4 | 2.75 | 12.3 | 2.54 |
| | 12.0 | 10.6 | 17.9 | 3.46 | 16.8 | 3.25 | 15.6 | 3.04 | 15.1 | 2.93 | 14.6 | 2.83 | 13.4 | 2.62 | 12.3 | 2.42 |
| | 15.0 | 13.5 | 17.9 | 3.29 | 16.8 | 3.09 | 15.6 | 2.89 | 15.1 | 2.79 | 14.6 | 2.69 | 13.4 | 2.49 | 12.3 | 2.30 |

MODEL SELECTION

| Heating capacity at rated condition: 25.0 kW (8HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 13.4 (60%) | -20.0 | -20.7 | 15.4 | 5.55 | 14.4 | 5.20 | 13.4 | 4.85 | 13.0 | 4.67 | 12.5 | 4.50 | 11.5 | 4.16 | 10.6 | 3.82 |
| | -15.0 | -16.0 | 15.4 | 4.98 | 14.4 | 4.66 | 13.4 | 4.35 | 13.0 | 4.20 | 12.5 | 4.04 | 11.5 | 3.74 | 10.6 | 3.44 |
| | -12.0 | -13.0 | 15.4 | 4.66 | 14.4 | 4.37 | 13.4 | 4.08 | 13.0 | 3.94 | 12.5 | 3.79 | 11.5 | 3.51 | 10.6 | 3.23 |
| | -9.0 | -10.0 | 15.4 | 4.38 | 14.4 | 4.11 | 13.4 | 3.83 | 13.0 | 3.70 | 12.5 | 3.57 | 11.5 | 3.30 | 10.6 | 3.04 |
| | -7.0 | -8.0 | 15.4 | 4.20 | 14.4 | 3.94 | 13.4 | 3.68 | 13.0 | 3.56 | 12.5 | 3.43 | 11.5 | 3.17 | 10.6 | 2.92 |
| | -5.0 | -6.0 | 15.4 | 4.04 | 14.4 | 3.79 | 13.4 | 3.54 | 13.0 | 3.42 | 12.5 | 3.30 | 11.5 | 3.06 | 10.6 | 2.82 |
| | -3.0 | -4.0 | 15.4 | 3.89 | 14.4 | 3.65 | 13.4 | 3.41 | 13.0 | 3.29 | 12.5 | 3.18 | 11.5 | 2.94 | 10.6 | 2.71 |
| | -1.0 | -2.0 | 15.4 | 3.74 | 14.4 | 3.51 | 13.4 | 3.28 | 13.0 | 3.17 | 12.5 | 3.06 | 11.5 | 2.84 | 10.6 | 2.62 |
| | 0.0 | -1.0 | 15.4 | 3.67 | 14.4 | 3.45 | 13.4 | 3.22 | 13.0 | 3.11 | 12.5 | 3.00 | 11.5 | 2.79 | 10.6 | 2.57 |
| | 2.0 | 1.0 | 15.4 | 3.54 | 14.4 | 3.32 | 13.4 | 3.11 | 13.0 | 3.00 | 12.5 | 2.90 | 11.5 | 2.69 | 10.6 | 2.48 |
| | 5.0 | 4.0 | 15.4 | 3.35 | 14.4 | 3.15 | 13.4 | 2.94 | 13.0 | 2.84 | 12.5 | 2.74 | 11.5 | 2.55 | 10.6 | 2.35 |
| | 7.0 | 6.0 | 15.4 | 3.23 | 14.4 | 3.04 | 13.4 | 2.84 | 13.0 | 2.75 | 12.5 | 2.65 | 11.5 | 2.46 | 10.6 | 2.27 |
| | 9.0 | 7.8 | 15.4 | 3.13 | 14.4 | 2.94 | 13.4 | 2.75 | 13.0 | 2.66 | 12.5 | 2.57 | 11.5 | 2.38 | 10.6 | 2.20 |
| | 12.0 | 10.6 | 15.4 | 2.98 | 14.4 | 2.80 | 13.4 | 2.62 | 13.0 | 2.53 | 12.5 | 2.45 | 11.5 | 2.27 | 10.6 | 2.10 |
| | 15.0 | 13.5 | 15.4 | 2.83 | 14.4 | 2.66 | 13.4 | 2.49 | 13.0 | 2.41 | 12.5 | 2.33 | 11.5 | 2.16 | 10.6 | 2.00 |
| 11.2 (50%) | -20.0 | -20.7 | 12.8 | 4.62 | 12.0 | 4.33 | 11.2 | 4.05 | 10.8 | 3.90 | 10.4 | 3.76 | 9.6 | 3.49 | 8.8 | 3.21 |
| | -15.0 | -16.0 | 12.8 | 4.15 | 12.0 | 3.89 | 11.2 | 3.64 | 10.8 | 3.51 | 10.4 | 3.39 | 9.6 | 3.14 | 8.8 | 2.89 |
| | -12.0 | -13.0 | 12.8 | 3.89 | 12.0 | 3.65 | 11.2 | 3.41 | 10.8 | 3.30 | 10.4 | 3.18 | 9.6 | 2.95 | 8.8 | 2.72 |
| | -9.0 | -10.0 | 12.8 | 3.66 | 12.0 | 3.43 | 11.2 | 3.21 | 10.8 | 3.11 | 10.4 | 3.00 | 9.6 | 2.78 | 8.8 | 2.57 |
| | -7.0 | -8.0 | 12.8 | 3.51 | 12.0 | 3.30 | 11.2 | 3.09 | 10.8 | 2.99 | 10.4 | 2.88 | 9.6 | 2.68 | 8.8 | 2.47 |
| | -5.0 | -6.0 | 12.8 | 3.38 | 12.0 | 3.18 | 11.2 | 2.98 | 10.8 | 2.87 | 10.4 | 2.78 | 9.6 | 2.58 | 8.8 | 2.38 |
| | -3.0 | -4.0 | 12.8 | 3.25 | 12.0 | 3.06 | 11.2 | 2.87 | 10.8 | 2.77 | 10.4 | 2.67 | 9.6 | 2.48 | 8.8 | 2.30 |
| | -1.0 | -2.0 | 12.8 | 3.13 | 12.0 | 2.95 | 11.2 | 2.76 | 10.8 | 2.67 | 10.4 | 2.58 | 9.6 | 2.40 | 8.8 | 2.22 |
| | 0.0 | -1.0 | 12.8 | 3.08 | 12.0 | 2.89 | 11.2 | 2.71 | 10.8 | 2.62 | 10.4 | 2.53 | 9.6 | 2.35 | 8.8 | 2.18 |
| | 2.0 | 1.0 | 12.8 | 2.97 | 12.0 | 2.79 | 11.2 | 2.62 | 10.8 | 2.53 | 10.4 | 2.44 | 9.6 | 2.27 | 8.8 | 2.10 |
| | 5.0 | 4.0 | 12.8 | 2.81 | 12.0 | 2.65 | 11.2 | 2.48 | 10.8 | 2.40 | 10.4 | 2.32 | 9.6 | 2.16 | 8.8 | 2.00 |
| | 7.0 | 6.0 | 12.8 | 2.71 | 12.0 | 2.55 | 11.2 | 2.40 | 10.8 | 2.32 | 10.4 | 2.24 | 9.6 | 2.09 | 8.8 | 1.93 |
| | 9.0 | 7.8 | 12.8 | 2.63 | 12.0 | 2.48 | 11.2 | 2.32 | 10.8 | 2.25 | 10.4 | 2.17 | 9.6 | 2.02 | 8.8 | 1.88 |
| | 12.0 | 10.6 | 12.8 | 2.50 | 12.0 | 2.36 | 11.2 | 2.22 | 10.8 | 2.14 | 10.4 | 2.07 | 9.6 | 1.93 | 8.8 | 1.79 |
| | 15.0 | 13.5 | 12.8 | 2.38 | 12.0 | 2.25 | 11.2 | 2.11 | 10.8 | 2.04 | 10.4 | 1.98 | 9.6 | 1.84 | 8.8 | 1.71 |

# ■ Model: AJ∗090GALDH

| Heating capacity at rated condition: 31.5 kW (10HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 42.0 (150%) | -20.0 | -20.7 | 19.7 | 6.84 | 19.5 | 6.89 | 19.4 | 6.94 | 19.3 | 6.96 | 19.3 | 6.98 | 19.1 | 7.03 | 19.0 | 7.08 |
| | -15.0 | -16.0 | 22.8 | 7.03 | 22.6 | 7.09 | 22.5 | 7.15 | 22.4 | 7.18 | 22.3 | 7.21 | 22.2 | 7.26 | 22.0 | 7.32 |
| | -12.0 | -13.0 | 24.8 | 7.16 | 24.6 | 7.22 | 24.5 | 7.28 | 24.4 | 7.31 | 24.3 | 7.34 | 24.2 | 7.41 | 24.0 | 7.47 |
| | -9.0 | -10.0 | 26.9 | 7.28 | 26.7 | 7.35 | 26.5 | 7.41 | 26.4 | 7.45 | 26.4 | 7.48 | 26.2 | 7.55 | 26.0 | 7.62 |
| | -7.0 | -8.0 | 28.3 | 7.36 | 28.1 | 7.43 | 27.9 | 7.50 | 27.8 | 7.54 | 27.7 | 7.57 | 27.5 | 7.64 | 27.3 | 7.72 |
| | -5.0 | -6.0 | 29.7 | 7.44 | 29.5 | 7.51 | 29.3 | 7.59 | 29.2 | 7.62 | 29.1 | 7.66 | 28.9 | 7.74 | 28.7 | 7.81 |
| | -3.0 | -4.0 | 31.1 | 7.52 | 30.9 | 7.59 | 30.7 | 7.67 | 30.6 | 7.71 | 30.5 | 7.75 | 30.3 | 7.83 | 30.0 | 7.91 |
| | -1.0 | -2.0 | 32.5 | 7.60 | 32.3 | 7.68 | 32.1 | 7.76 | 32.0 | 7.80 | 31.9 | 7.84 | 31.6 | 7.92 | 31.4 | 8.00 |
| | 0.0 | -1.0 | 33.2 | 7.63 | 33.0 | 7.72 | 32.8 | 7.80 | 32.7 | 7.84 | 32.5 | 7.88 | 32.3 | 7.96 | 32.1 | 8.05 |
| | 2.0 | 1.0 | 34.7 | 7.71 | 34.4 | 7.80 | 34.2 | 7.88 | 34.1 | 7.92 | 33.9 | 7.97 | 33.7 | 8.05 | 33.0 | 7.99 |
| | 5.0 | 4.0 | 36.8 | 7.82 | 36.6 | 7.91 | 36.3 | 8.00 | 36.2 | 8.05 | 36.0 | 8.09 | 35.7 | 8.18 | 33.0 | 7.49 |
| | 7.0 | 6.0 | 38.3 | 7.90 | 38.0 | 7.99 | 37.7 | 8.08 | 37.6 | 8.12 | 37.4 | 8.17 | 36.0 | 7.92 | 33.0 | 7.18 |
| | 9.0 | 7.8 | 39.6 | 7.96 | 39.3 | 8.05 | 39.0 | 8.15 | 38.8 | 8.19 | 38.7 | 8.24 | 36.0 | 7.62 | 33.0 | 6.92 |
| | 12.0 | 10.6 | 41.6 | 8.06 | 41.2 | 8.16 | 40.9 | 8.25 | 40.5 | 8.22 | 39.0 | 7.88 | 36.0 | 7.19 | 33.0 | 6.53 |
| | 15.0 | 13.5 | 43.6 | 8.16 | 43.3 | 8.26 | 42.0 | 8.08 | 40.5 | 7.75 | 39.0 | 7.42 | 36.0 | 6.78 | 33.0 | 6.16 |
| 39.2 (140%) | -20.0 | -20.7 | 19.6 | 6.86 | 19.5 | 6.91 | 19.3 | 6.96 | 19.3 | 6.98 | 19.2 | 7.01 | 19.1 | 7.05 | 18.9 | 7.10 |
| | -15.0 | -16.0 | 22.7 | 7.06 | 22.5 | 7.12 | 22.4 | 7.18 | 22.3 | 7.21 | 22.2 | 7.24 | 22.1 | 7.29 | 21.9 | 7.35 |
| | -12.0 | -13.0 | 24.7 | 7.19 | 24.6 | 7.26 | 24.4 | 7.32 | 24.3 | 7.35 | 24.2 | 7.38 | 24.1 | 7.44 | 23.9 | 7.51 |
| | -9.0 | -10.0 | 26.8 | 7.32 | 26.6 | 7.39 | 26.4 | 7.46 | 26.3 | 7.49 | 26.2 | 7.52 | 26.1 | 7.59 | 25.9 | 7.66 |
| | -7.0 | -8.0 | 28.2 | 7.41 | 28.0 | 7.48 | 27.8 | 7.55 | 27.7 | 7.58 | 27.6 | 7.62 | 27.4 | 7.69 | 27.2 | 7.76 |
| | -5.0 | -6.0 | 29.5 | 7.49 | 29.3 | 7.56 | 29.2 | 7.64 | 29.1 | 7.68 | 29.0 | 7.71 | 28.8 | 7.79 | 28.6 | 7.86 |
| | -3.0 | -4.0 | 30.9 | 7.57 | 30.7 | 7.65 | 30.5 | 7.73 | 30.4 | 7.77 | 30.3 | 7.81 | 30.1 | 7.89 | 29.9 | 7.96 |
| | -1.0 | -2.0 | 32.4 | 7.66 | 32.1 | 7.74 | 31.9 | 7.82 | 31.8 | 7.86 | 31.7 | 7.90 | 31.5 | 7.98 | 30.8 | 7.91 |
| | 0.0 | -1.0 | 33.1 | 7.70 | 32.8 | 7.78 | 32.6 | 7.86 | 32.5 | 7.90 | 32.4 | 7.94 | 32.1 | 8.03 | 30.8 | 7.74 |
| | 2.0 | 1.0 | 34.5 | 7.78 | 34.2 | 7.86 | 34.0 | 7.95 | 33.9 | 7.99 | 33.7 | 8.03 | 33.5 | 8.12 | 30.8 | 7.40 |
| | 5.0 | 4.0 | 36.6 | 7.90 | 36.3 | 7.99 | 36.1 | 8.08 | 35.9 | 8.12 | 35.8 | 8.17 | 33.6 | 7.64 | 30.8 | 6.94 |
| | 7.0 | 6.0 | 38.0 | 7.98 | 37.7 | 8.07 | 37.4 | 8.16 | 37.3 | 8.21 | 36.4 | 8.01 | 33.6 | 7.33 | 30.8 | 6.65 |
| | 9.0 | 7.8 | 39.3 | 8.05 | 39.0 | 8.14 | 38.7 | 8.23 | 37.8 | 8.05 | 36.4 | 7.72 | 33.6 | 7.06 | 30.8 | 6.41 |
| | 12.0 | 10.6 | 41.2 | 8.15 | 40.9 | 8.25 | 39.2 | 7.92 | 37.8 | 7.60 | 36.4 | 7.28 | 33.6 | 6.66 | 30.8 | 6.05 |
| | 15.0 | 13.5 | 43.3 | 8.26 | 42.0 | 8.08 | 39.2 | 7.47 | 37.8 | 7.17 | 36.4 | 6.87 | 33.6 | 6.28 | 30.8 | 5.71 |
| 36.4 (130%) | -20.0 | -20.7 | 19.5 | 6.89 | 19.4 | 6.94 | 19.3 | 6.98 | 19.2 | 7.01 | 19.1 | 7.03 | 19.0 | 7.08 | 18.9 | 7.13 |
| | -15.0 | -16.0 | 22.6 | 7.10 | 22.4 | 7.16 | 22.3 | 7.21 | 22.2 | 7.24 | 22.2 | 7.27 | 22.0 | 7.33 | 21.8 | 7.39 |
| | -12.0 | -13.0 | 24.6 | 7.24 | 24.4 | 7.30 | 24.3 | 7.36 | 24.2 | 7.39 | 24.1 | 7.42 | 24.0 | 7.49 | 23.8 | 7.55 |
| | -9.0 | -10.0 | 26.6 | 7.37 | 26.5 | 7.44 | 26.3 | 7.51 | 26.2 | 7.54 | 26.1 | 7.57 | 25.9 | 7.64 | 25.8 | 7.71 |
| | -7.0 | -8.0 | 28.0 | 7.46 | 27.8 | 7.53 | 27.6 | 7.60 | 27.5 | 7.64 | 27.5 | 7.67 | 27.3 | 7.75 | 27.1 | 7.82 |
| | -5.0 | -6.0 | 29.4 | 7.55 | 29.2 | 7.62 | 29.0 | 7.70 | 28.9 | 7.74 | 28.8 | 7.77 | 28.6 | 7.85 | 28.4 | 7.92 |
| | -3.0 | -4.0 | 30.8 | 7.64 | 30.6 | 7.72 | 30.4 | 7.79 | 30.2 | 7.83 | 30.1 | 7.87 | 29.9 | 7.95 | 28.6 | 7.63 |
| | -1.0 | -2.0 | 32.2 | 7.73 | 31.9 | 7.81 | 31.7 | 7.89 | 31.6 | 7.93 | 31.5 | 7.97 | 31.2 | 8.03 | 28.6 | 7.29 |
| | 0.0 | -1.0 | 32.9 | 7.77 | 32.6 | 7.85 | 32.4 | 7.94 | 32.3 | 7.98 | 32.2 | 8.02 | 31.2 | 7.85 | 28.6 | 7.13 |
| | 2.0 | 1.0 | 34.2 | 7.86 | 34.0 | 7.94 | 33.8 | 8.03 | 33.6 | 8.07 | 33.5 | 8.11 | 31.2 | 7.51 | 28.6 | 6.83 |
| | 5.0 | 4.0 | 36.3 | 7.99 | 36.1 | 8.08 | 35.8 | 8.16 | 35.1 | 8.03 | 33.8 | 7.69 | 31.2 | 7.04 | 28.6 | 6.40 |
| | 7.0 | 6.0 | 37.7 | 8.07 | 37.4 | 8.16 | 36.4 | 8.01 | 35.1 | 7.69 | 33.8 | 7.37 | 31.2 | 6.75 | 28.6 | 6.14 |
| | 9.0 | 7.8 | 39.0 | 8.15 | 38.7 | 8.24 | 36.4 | 7.72 | 35.1 | 7.41 | 33.8 | 7.10 | 31.2 | 6.50 | 28.6 | 5.91 |
| | 12.0 | 10.6 | 40.9 | 8.26 | 39.0 | 7.88 | 36.4 | 7.28 | 35.1 | 6.99 | 33.8 | 6.70 | 31.2 | 6.14 | 28.6 | 5.59 |
| | 15.0 | 13.5 | 41.6 | 8.00 | 39.0 | 7.42 | 36.4 | 6.87 | 35.1 | 6.59 | 33.8 | 6.32 | 31.2 | 5.79 | 28.6 | 5.27 |
| 33.6 (120%) | -20.0 | -20.7 | 19.5 | 6.92 | 19.3 | 6.96 | 19.2 | 7.01 | 19.1 | 7.04 | 19.0 | 7.06 | 18.9 | 7.11 | 18.8 | 7.16 |
| | -15.0 | -16.0 | 22.5 | 7.14 | 22.3 | 7.20 | 22.2 | 7.25 | 22.1 | 7.28 | 22.0 | 7.31 | 21.9 | 7.37 | 21.7 | 7.43 |
| | -12.0 | -13.0 | 24.5 | 7.28 | 24.3 | 7.35 | 24.2 | 7.41 | 24.1 | 7.44 | 24.0 | 7.47 | 23.8 | 7.53 | 23.7 | 7.60 |
| | -9.0 | -10.0 | 26.5 | 7.43 | 26.3 | 7.50 | 26.1 | 7.56 | 26.1 | 7.60 | 26.0 | 7.63 | 25.8 | 7.70 | 25.6 | 7.77 |
| | -7.0 | -8.0 | 27.8 | 7.52 | 27.7 | 7.59 | 27.5 | 7.67 | 27.4 | 7.70 | 27.3 | 7.74 | 27.1 | 7.81 | 26.4 | 7.69 |
| | -5.0 | -6.0 | 29.2 | 7.62 | 29.0 | 7.69 | 28.8 | 7.77 | 28.7 | 7.80 | 28.6 | 7.84 | 28.4 | 7.92 | 26.4 | 7.33 |
| | -3.0 | -4.0 | 30.6 | 7.71 | 30.4 | 7.79 | 30.1 | 7.87 | 30.0 | 7.91 | 29.9 | 7.95 | 28.8 | 7.69 | 26.4 | 7.00 |
| | -1.0 | -2.0 | 31.9 | 7.81 | 31.7 | 7.89 | 31.5 | 7.97 | 31.4 | 8.01 | 31.2 | 8.03 | 28.8 | 7.35 | 26.4 | 6.69 |
| | 0.0 | -1.0 | 32.6 | 7.86 | 32.4 | 7.94 | 32.2 | 8.02 | 32.0 | 8.06 | 31.2 | 7.85 | 28.8 | 7.19 | 26.4 | 6.54 |
| | 2.0 | 1.0 | 34.0 | 7.95 | 33.7 | 8.03 | 33.5 | 8.12 | 32.4 | 7.83 | 31.2 | 7.51 | 28.8 | 6.88 | 26.4 | 6.26 |
| | 5.0 | 4.0 | 36.0 | 8.09 | 35.8 | 8.18 | 33.6 | 7.64 | 32.4 | 7.34 | 31.2 | 7.04 | 28.8 | 6.45 | 26.4 | 5.87 |
| | 7.0 | 6.0 | 37.4 | 8.18 | 36.0 | 7.92 | 33.6 | 7.33 | 32.4 | 7.04 | 31.2 | 6.75 | 28.8 | 6.19 | 26.4 | 5.63 |
| | 9.0 | 7.8 | 38.4 | 8.20 | 36.0 | 7.62 | 33.6 | 7.06 | 32.4 | 6.78 | 31.2 | 6.50 | 28.8 | 5.96 | 26.4 | 5.43 |
| | 12.0 | 10.6 | 38.4 | 7.74 | 36.0 | 7.19 | 33.6 | 6.66 | 32.4 | 6.40 | 31.2 | 6.14 | 28.8 | 5.63 | 26.4 | 5.13 |
| | 15.0 | 13.5 | 38.4 | 7.29 | 36.0 | 6.78 | 33.6 | 6.28 | 32.4 | 6.04 | 31.2 | 5.79 | 28.8 | 5.31 | 26.4 | 4.84 |
| 30.8 (110%) | -20.0 | -20.7 | 19.4 | 6.95 | 19.2 | 7.00 | 19.1 | 7.05 | 19.0 | 7.07 | 18.9 | 7.09 | 18.8 | 7.14 | 18.7 | 7.19 |
| | -15.0 | -16.0 | 22.4 | 7.19 | 22.2 | 7.25 | 22.1 | 7.30 | 22.0 | 7.33 | 21.9 | 7.36 | 21.8 | 7.42 | 21.6 | 7.47 |
| | -12.0 | -13.0 | 24.3 | 7.34 | 24.2 | 7.40 | 24.0 | 7.47 | 23.9 | 7.50 | 23.8 | 7.53 | 23.7 | 7.59 | 23.5 | 7.65 |
| | -9.0 | -10.0 | 26.3 | 7.50 | 26.1 | 7.56 | 26.0 | 7.63 | 25.9 | 7.66 | 25.8 | 7.70 | 25.6 | 7.77 | 24.2 | 7.35 |
| | -7.0 | -8.0 | 27.7 | 7.60 | 27.5 | 7.67 | 27.3 | 7.74 | 27.2 | 7.77 | 27.1 | 7.81 | 26.4 | 7.69 | 24.2 | 7.00 |
| | -5.0 | -6.0 | 29.0 | 7.70 | 28.8 | 7.77 | 28.6 | 7.85 | 28.5 | 7.89 | 28.4 | 7.92 | 26.4 | 7.33 | 24.2 | 6.67 |
| | -3.0 | -4.0 | 30.3 | 7.80 | 30.1 | 7.88 | 29.9 | 7.96 | 29.7 | 7.96 | 28.6 | 7.63 | 26.4 | 7.00 | 24.2 | 6.37 |
| | -1.0 | -2.0 | 31.7 | 7.91 | 31.4 | 7.99 | 30.8 | 7.91 | 29.7 | 7.60 | 28.6 | 7.29 | 26.4 | 6.69 | 24.2 | 6.09 |
| | 0.0 | -1.0 | 32.3 | 7.96 | 32.1 | 8.04 | 30.8 | 7.74 | 29.7 | 7.43 | 28.6 | 7.13 | 26.4 | 6.54 | 24.2 | 5.96 |
| | 2.0 | 1.0 | 33.7 | 8.06 | 33.0 | 7.99 | 30.8 | 7.40 | 29.7 | 7.11 | 28.6 | 6.83 | 26.4 | 6.26 | 24.2 | 5.71 |
| | 5.0 | 4.0 | 35.2 | 8.05 | 33.0 | 7.49 | 30.8 | 6.94 | 29.7 | 6.67 | 28.6 | 6.40 | 26.4 | 5.87 | 24.2 | 5.36 |
| | 7.0 | 6.0 | 35.2 | 7.72 | 33.0 | 7.18 | 30.8 | 6.65 | 29.7 | 6.40 | 28.6 | 6.14 | 26.4 | 5.63 | 24.2 | 5.14 |
| | 9.0 | 7.8 | 35.2 | 7.43 | 33.0 | 6.92 | 30.8 | 6.41 | 29.7 | 6.16 | 28.6 | 5.91 | 26.4 | 5.43 | 24.2 | 4.95 |
| | 12.0 | 10.6 | 35.2 | 7.01 | 33.0 | 6.53 | 30.8 | 6.05 | 29.7 | 5.82 | 28.6 | 5.59 | 26.4 | 5.13 | 24.2 | 4.68 |
| | 15.0 | 13.5 | 35.2 | 6.61 | 33.0 | 6.16 | 30.8 | 5.71 | 29.7 | 5.49 | 28.6 | 5.27 | 26.4 | 4.84 | 24.2 | 4.42 |

MODEL SELECTION

| Heating capacity at rated condition: 31.5 kW (10HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 28.0 (100%) | -20.0 | -20.7 | 19.2 | 6.99 | 19.1 | 7.04 | 19.0 | 7.09 | 18.9 | 7.11 | 18.8 | 7.14 | 18.7 | 7.18 | 18.6 | 7.23 |
| | -15.0 | -16.0 | 22.2 | 7.25 | 22.1 | 7.30 | 21.9 | 7.36 | 21.8 | 7.39 | 21.8 | 7.42 | 21.6 | 7.47 | 21.5 | 7.53 |
| | -12.0 | -13.0 | 24.2 | 7.41 | 24.0 | 7.47 | 23.8 | 7.53 | 23.8 | 7.56 | 23.7 | 7.60 | 23.5 | 7.66 | 22.0 | 7.16 |
| | -9.0 | -10.0 | 26.1 | 7.57 | 25.9 | 7.64 | 25.8 | 7.71 | 25.7 | 7.74 | 25.6 | 7.78 | 24.0 | 7.28 | 22.0 | 6.64 |
| | -7.0 | -8.0 | 27.4 | 7.69 | 27.2 | 7.76 | 27.1 | 7.83 | 27.0 | 7.86 | 26.0 | 7.56 | 24.0 | 6.94 | 22.0 | 6.32 |
| | -5.0 | -6.0 | 28.7 | 7.80 | 28.5 | 7.87 | 28.0 | 7.82 | 27.0 | 7.51 | 26.0 | 7.21 | 24.0 | 6.62 | 22.0 | 6.03 |
| | -3.0 | -4.0 | 30.0 | 7.91 | 29.8 | 7.98 | 28.0 | 7.46 | 27.0 | 7.17 | 26.0 | 6.88 | 24.0 | 6.32 | 22.0 | 5.76 |
| | -1.0 | -2.0 | 31.3 | 8.02 | 30.0 | 7.69 | 28.0 | 7.13 | 27.0 | 6.85 | 26.0 | 6.58 | 24.0 | 6.04 | 22.0 | 5.51 |
| | 0.0 | -1.0 | 32.0 | 8.07 | 30.0 | 7.52 | 28.0 | 6.97 | 27.0 | 6.70 | 26.0 | 6.43 | 24.0 | 5.91 | 22.0 | 5.39 |
| | 2.0 | 1.0 | 32.0 | 7.72 | 30.0 | 7.19 | 28.0 | 6.67 | 27.0 | 6.41 | 26.0 | 6.16 | 24.0 | 5.66 | 22.0 | 5.17 |
| | 5.0 | 4.0 | 32.0 | 7.24 | 30.0 | 6.74 | 28.0 | 6.26 | 27.0 | 6.02 | 26.0 | 5.78 | 24.0 | 5.31 | 22.0 | 4.85 |
| | 7.0 | 6.0 | 32.0 | 6.94 | 30.0 | 6.47 | 28.0 | 6.00 | 27.0 | 5.77 | 26.0 | 5.54 | 24.0 | 5.09 | 22.0 | 4.65 |
| | 9.0 | 7.8 | 32.0 | 6.68 | 30.0 | 6.23 | 28.0 | 5.78 | 27.0 | 5.56 | 26.0 | 5.34 | 24.0 | 4.91 | 22.0 | 4.49 |
| | 12.0 | 10.6 | 32.0 | 6.31 | 30.0 | 5.88 | 28.0 | 5.46 | 27.0 | 5.25 | 26.0 | 5.05 | 24.0 | 4.64 | 22.0 | 4.24 |
| | 15.0 | 13.5 | 32.0 | 5.95 | 30.0 | 5.55 | 28.0 | 5.15 | 27.0 | 4.96 | 26.0 | 4.77 | 24.0 | 4.38 | 22.0 | 4.01 |
| 25.2 (90%) | -20.0 | -20.7 | 19.1 | 7.04 | 19.0 | 7.09 | 18.8 | 7.14 | 18.8 | 7.16 | 18.7 | 7.18 | 18.6 | 7.23 | 18.4 | 7.28 |
| | -15.0 | -16.0 | 22.0 | 7.31 | 21.9 | 7.37 | 21.7 | 7.43 | 21.7 | 7.46 | 21.6 | 7.48 | 21.4 | 7.54 | 19.8 | 6.94 |
| | -12.0 | -13.0 | 23.9 | 7.49 | 23.8 | 7.55 | 23.6 | 7.62 | 23.5 | 7.65 | 23.4 | 7.65 | 21.6 | 7.02 | 19.8 | 6.41 |
| | -9.0 | -10.0 | 25.9 | 7.67 | 25.7 | 7.74 | 25.2 | 7.68 | 24.3 | 7.38 | 23.4 | 7.09 | 21.6 | 6.51 | 19.8 | 5.94 |
| | -7.0 | -8.0 | 27.1 | 7.79 | 27.0 | 7.86 | 25.2 | 7.31 | 24.3 | 7.03 | 23.4 | 6.75 | 21.6 | 6.20 | 19.8 | 5.66 |
| | -5.0 | -6.0 | 28.4 | 7.91 | 27.0 | 7.51 | 25.2 | 6.97 | 24.3 | 6.70 | 23.4 | 6.44 | 21.6 | 5.92 | 19.8 | 5.41 |
| | -3.0 | -4.0 | 28.8 | 7.69 | 27.0 | 7.17 | 25.2 | 6.66 | 24.3 | 6.40 | 23.4 | 6.15 | 21.6 | 5.65 | 19.8 | 5.17 |
| | -1.0 | -2.0 | 28.8 | 7.35 | 27.0 | 6.85 | 25.2 | 6.36 | 24.3 | 6.12 | 23.4 | 5.88 | 21.6 | 5.41 | 19.8 | 4.94 |
| | 0.0 | -1.0 | 28.8 | 7.19 | 27.0 | 6.70 | 25.2 | 6.22 | 24.3 | 5.99 | 23.4 | 5.75 | 21.6 | 5.29 | 19.8 | 4.84 |
| | 2.0 | 1.0 | 28.8 | 6.88 | 27.0 | 6.41 | 25.2 | 5.96 | 24.3 | 5.73 | 23.4 | 5.51 | 21.6 | 5.07 | 19.8 | 4.63 |
| | 5.0 | 4.0 | 28.8 | 6.45 | 27.0 | 6.02 | 25.2 | 5.59 | 24.3 | 5.38 | 23.4 | 5.17 | 21.6 | 4.76 | 19.8 | 4.35 |
| | 7.0 | 6.0 | 28.8 | 6.19 | 27.0 | 5.77 | 25.2 | 5.36 | 24.3 | 5.16 | 23.4 | 4.96 | 21.6 | 4.57 | 19.8 | 4.18 |
| | 9.0 | 7.8 | 28.8 | 5.96 | 27.0 | 5.56 | 25.2 | 5.17 | 24.3 | 4.98 | 23.4 | 4.78 | 21.6 | 4.40 | 19.8 | 4.03 |
| | 12.0 | 10.6 | 28.8 | 5.63 | 27.0 | 5.25 | 25.2 | 4.89 | 24.3 | 4.70 | 23.4 | 4.52 | 21.6 | 4.17 | 19.8 | 3.81 |
| | 15.0 | 13.5 | 28.8 | 5.31 | 27.0 | 4.96 | 25.2 | 4.61 | 24.3 | 4.44 | 23.4 | 4.27 | 21.6 | 3.94 | 19.8 | 3.61 |
| 22.4 (80%) | -20.0 | -20.7 | 18.9 | 7.10 | 18.8 | 7.15 | 18.7 | 7.20 | 18.6 | 7.22 | 18.5 | 7.25 | 18.4 | 7.29 | 17.6 | 7.02 |
| | -15.0 | -16.0 | 21.8 | 7.40 | 21.7 | 7.46 | 21.5 | 7.51 | 21.4 | 7.54 | 20.8 | 7.31 | 19.2 | 6.72 | 17.6 | 6.13 |
| | -12.0 | -13.0 | 23.7 | 7.59 | 23.5 | 7.65 | 22.4 | 7.30 | 21.6 | 7.02 | 20.8 | 6.75 | 19.2 | 6.20 | 17.6 | 5.67 |
| | -9.0 | -10.0 | 25.6 | 7.79 | 24.0 | 7.28 | 22.4 | 6.77 | 21.6 | 6.51 | 20.8 | 6.26 | 19.2 | 5.76 | 17.6 | 5.26 |
| | -7.0 | -8.0 | 25.6 | 7.44 | 24.0 | 6.94 | 22.4 | 6.45 | 21.6 | 6.20 | 20.8 | 5.96 | 19.2 | 5.49 | 17.6 | 5.02 |
| | -5.0 | -6.0 | 25.6 | 7.09 | 24.0 | 6.62 | 22.4 | 6.15 | 21.6 | 5.92 | 20.8 | 5.69 | 19.2 | 5.24 | 17.6 | 4.79 |
| | -3.0 | -4.0 | 25.6 | 6.77 | 24.0 | 6.32 | 22.4 | 5.87 | 21.6 | 5.65 | 20.8 | 5.44 | 19.2 | 5.00 | 17.6 | 4.58 |
| | -1.0 | -2.0 | 25.6 | 6.47 | 24.0 | 6.04 | 22.4 | 5.62 | 21.6 | 5.41 | 20.8 | 5.20 | 19.2 | 4.79 | 17.6 | 4.38 |
| | 0.0 | -1.0 | 25.6 | 6.33 | 24.0 | 5.91 | 22.4 | 5.50 | 21.6 | 5.29 | 20.8 | 5.09 | 19.2 | 4.69 | 17.6 | 4.29 |
| | 2.0 | 1.0 | 25.6 | 6.06 | 24.0 | 5.66 | 22.4 | 5.26 | 21.6 | 5.07 | 20.8 | 4.87 | 19.2 | 4.49 | 17.6 | 4.11 |
| | 5.0 | 4.0 | 25.6 | 5.68 | 24.0 | 5.31 | 22.4 | 4.94 | 21.6 | 4.76 | 20.8 | 4.58 | 19.2 | 4.22 | 17.6 | 3.87 |
| | 7.0 | 6.0 | 25.6 | 5.45 | 24.0 | 5.09 | 22.4 | 4.74 | 21.6 | 4.57 | 20.8 | 4.39 | 19.2 | 4.05 | 17.6 | 3.72 |
| | 9.0 | 7.8 | 25.6 | 5.25 | 24.0 | 4.91 | 22.4 | 4.57 | 21.6 | 4.40 | 20.8 | 4.24 | 19.2 | 3.91 | 17.6 | 3.58 |
| | 12.0 | 10.6 | 25.6 | 4.97 | 24.0 | 4.64 | 22.4 | 4.32 | 21.6 | 4.17 | 20.8 | 4.01 | 19.2 | 3.70 | 17.6 | 3.39 |
| | 15.0 | 13.5 | 25.6 | 4.69 | 24.0 | 4.38 | 22.4 | 4.08 | 21.6 | 3.94 | 20.8 | 3.79 | 19.2 | 3.50 | 17.6 | 3.21 |
| 19.6 (70%) | -20.0 | -20.7 | 18.7 | 7.18 | 18.6 | 7.23 | 18.4 | 7.28 | 18.4 | 7.30 | 18.2 | 7.27 | 16.8 | 6.69 | 15.4 | 6.11 |
| | -15.0 | -16.0 | 21.5 | 7.51 | 21.0 | 7.39 | 19.6 | 6.86 | 18.9 | 6.61 | 18.2 | 6.35 | 16.8 | 5.85 | 15.4 | 5.35 |
| | -12.0 | -13.0 | 22.4 | 7.30 | 21.0 | 6.82 | 19.6 | 6.34 | 18.9 | 6.10 | 18.2 | 5.87 | 16.8 | 5.40 | 15.4 | 4.95 |
| | -9.0 | -10.0 | 22.4 | 6.77 | 21.0 | 6.32 | 19.6 | 5.88 | 18.9 | 5.66 | 18.2 | 5.45 | 16.8 | 5.02 | 15.4 | 4.60 |
| | -7.0 | -8.0 | 22.4 | 6.45 | 21.0 | 6.02 | 19.6 | 5.60 | 18.9 | 5.40 | 18.2 | 5.19 | 16.8 | 4.79 | 15.4 | 4.39 |
| | -5.0 | -6.0 | 22.4 | 6.15 | 21.0 | 5.75 | 19.6 | 5.35 | 18.9 | 5.15 | 18.2 | 4.96 | 16.8 | 4.57 | 15.4 | 4.19 |
| | -3.0 | -4.0 | 22.4 | 5.87 | 21.0 | 5.49 | 19.6 | 5.11 | 18.9 | 4.92 | 18.2 | 4.74 | 16.8 | 4.37 | 15.4 | 4.01 |
| | -1.0 | -2.0 | 22.4 | 5.62 | 21.0 | 5.25 | 19.6 | 4.89 | 18.9 | 4.71 | 18.2 | 4.54 | 16.8 | 4.18 | 15.4 | 3.84 |
| | 0.0 | -1.0 | 22.4 | 5.50 | 21.0 | 5.14 | 19.6 | 4.79 | 18.9 | 4.61 | 18.2 | 4.44 | 16.8 | 4.10 | 15.4 | 3.76 |
| | 2.0 | 1.0 | 22.4 | 5.26 | 21.0 | 4.92 | 19.6 | 4.59 | 18.9 | 4.42 | 18.2 | 4.26 | 16.8 | 3.93 | 15.4 | 3.61 |
| | 5.0 | 4.0 | 22.4 | 4.94 | 21.0 | 4.62 | 19.6 | 4.31 | 18.9 | 4.15 | 18.2 | 4.00 | 16.8 | 3.69 | 15.4 | 3.39 |
| | 7.0 | 6.0 | 22.4 | 4.74 | 21.0 | 4.44 | 19.6 | 4.14 | 18.9 | 3.99 | 18.2 | 3.84 | 16.8 | 3.55 | 15.4 | 3.26 |
| | 9.0 | 7.8 | 22.4 | 4.57 | 21.0 | 4.28 | 19.6 | 3.99 | 18.9 | 3.85 | 18.2 | 3.71 | 16.8 | 3.42 | 15.4 | 3.15 |
| | 12.0 | 10.6 | 22.4 | 4.32 | 21.0 | 4.05 | 19.6 | 3.78 | 18.9 | 3.64 | 18.2 | 3.51 | 16.8 | 3.24 | 15.4 | 2.98 |
| | 15.0 | 13.5 | 22.4 | 4.08 | 21.0 | 3.82 | 19.6 | 3.57 | 18.9 | 3.44 | 18.2 | 3.32 | 16.8 | 3.07 | 15.4 | 2.82 |
| 16.8 (60%) | -20.0 | -20.7 | 18.4 | 7.29 | 18.0 | 7.19 | 16.8 | 6.69 | 16.2 | 6.44 | 15.6 | 6.20 | 14.4 | 5.71 | 13.2 | 5.23 |
| | -15.0 | -16.0 | 19.2 | 6.72 | 18.0 | 6.28 | 16.8 | 5.85 | 16.2 | 5.63 | 15.6 | 5.42 | 14.4 | 5.00 | 13.2 | 4.58 |
| | -12.0 | -13.0 | 19.2 | 6.20 | 18.0 | 5.80 | 16.8 | 5.40 | 16.2 | 5.21 | 15.6 | 5.01 | 14.4 | 4.62 | 13.2 | 4.24 |
| | -9.0 | -10.0 | 19.2 | 5.76 | 18.0 | 5.38 | 16.8 | 5.02 | 16.2 | 4.84 | 15.6 | 4.66 | 14.4 | 4.30 | 13.2 | 3.95 |
| | -7.0 | -8.0 | 19.2 | 5.49 | 18.0 | 5.13 | 16.8 | 4.79 | 16.2 | 4.61 | 15.6 | 4.44 | 14.4 | 4.10 | 13.2 | 3.77 |
| | -5.0 | -6.0 | 19.2 | 5.24 | 18.0 | 4.90 | 16.8 | 4.57 | 16.2 | 4.41 | 15.6 | 4.24 | 14.4 | 3.92 | 13.2 | 3.60 |
| | -3.0 | -4.0 | 19.2 | 5.00 | 18.0 | 4.69 | 16.8 | 4.37 | 16.2 | 4.22 | 15.6 | 4.06 | 14.4 | 3.75 | 13.2 | 3.45 |
| | -1.0 | -2.0 | 19.2 | 4.79 | 18.0 | 4.49 | 16.8 | 4.18 | 16.2 | 4.04 | 15.6 | 3.89 | 14.4 | 3.60 | 13.2 | 3.31 |
| | 0.0 | -1.0 | 19.2 | 4.69 | 18.0 | 4.39 | 16.8 | 4.10 | 16.2 | 3.95 | 15.6 | 3.81 | 14.4 | 3.52 | 13.2 | 3.24 |
| | 2.0 | 1.0 | 19.2 | 4.49 | 18.0 | 4.21 | 16.8 | 3.93 | 16.2 | 3.79 | 15.6 | 3.65 | 14.4 | 3.38 | 13.2 | 3.11 |
| | 5.0 | 4.0 | 19.2 | 4.22 | 18.0 | 3.96 | 16.8 | 3.69 | 16.2 | 3.56 | 15.6 | 3.44 | 14.4 | 3.18 | 13.2 | 2.93 |
| | 7.0 | 6.0 | 19.2 | 4.05 | 18.0 | 3.80 | 16.8 | 3.55 | 16.2 | 3.42 | 15.6 | 3.30 | 14.4 | 3.06 | 13.2 | 2.82 |
| | 9.0 | 7.8 | 19.2 | 3.91 | 18.0 | 3.67 | 16.8 | 3.42 | 16.2 | 3.31 | 15.6 | 3.19 | 14.4 | 2.95 | 13.2 | 2.72 |
| | 12.0 | 10.6 | 19.2 | 3.70 | 18.0 | 3.47 | 16.8 | 3.24 | 16.2 | 3.13 | 15.6 | 3.02 | 14.4 | 2.80 | 13.2 | 2.58 |
| | 15.0 | 13.5 | 19.2 | 3.50 | 18.0 | 3.28 | 16.8 | 3.07 | 16.2 | 2.96 | 15.6 | 2.86 | 14.4 | 2.65 | 13.2 | 2.44 |

| Heating capacity at rated condition: 31.5 kW (10HP) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 14.0 (50%) | -20.0 | -20.7 | 16.0 | 6.36 | 15.0 | 5.95 | 14.0 | 5.55 | 13.5 | 5.35 | 13.0 | 5.15 | 12.0 | 4.75 | 11.0 | 4.36 |
| | -15.0 | -16.0 | 16.0 | 5.56 | 15.0 | 5.21 | 14.0 | 4.86 | 13.5 | 4.68 | 13.0 | 4.51 | 12.0 | 4.17 | 11.0 | 3.83 |
| | -12.0 | -13.0 | 16.0 | 5.14 | 15.0 | 4.82 | 14.0 | 4.50 | 13.5 | 4.34 | 13.0 | 4.18 | 12.0 | 3.86 | 11.0 | 3.55 |
| | -9.0 | -10.0 | 16.0 | 4.78 | 15.0 | 4.48 | 14.0 | 4.18 | 13.5 | 4.03 | 13.0 | 3.89 | 12.0 | 3.60 | 11.0 | 3.31 |
| | -7.0 | -8.0 | 16.0 | 4.56 | 15.0 | 4.27 | 14.0 | 3.99 | 13.5 | 3.85 | 13.0 | 3.71 | 12.0 | 3.44 | 11.0 | 3.16 |
| | -5.0 | -6.0 | 16.0 | 4.35 | 15.0 | 4.08 | 14.0 | 3.81 | 13.5 | 3.68 | 13.0 | 3.55 | 12.0 | 3.29 | 11.0 | 3.03 |
| | -3.0 | -4.0 | 16.0 | 4.16 | 15.0 | 3.91 | 14.0 | 3.65 | 13.5 | 3.52 | 13.0 | 3.40 | 12.0 | 3.15 | 11.0 | 2.90 |
| | -1.0 | -2.0 | 16.0 | 3.99 | 15.0 | 3.74 | 14.0 | 3.50 | 13.5 | 3.38 | 13.0 | 3.26 | 12.0 | 3.02 | 11.0 | 2.78 |
| | 0.0 | -1.0 | 16.0 | 3.90 | 15.0 | 3.66 | 14.0 | 3.43 | 13.5 | 3.31 | 13.0 | 3.19 | 12.0 | 2.96 | 11.0 | 2.73 |
| | 2.0 | 1.0 | 16.0 | 3.74 | 15.0 | 3.51 | 14.0 | 3.29 | 13.5 | 3.17 | 13.0 | 3.06 | 12.0 | 2.84 | 11.0 | 2.62 |
| | 5.0 | 4.0 | 16.0 | 3.52 | 15.0 | 3.31 | 14.0 | 3.10 | 13.5 | 2.99 | 13.0 | 2.89 | 12.0 | 2.68 | 11.0 | 2.47 |
| | 7.0 | 6.0 | 16.0 | 3.38 | 15.0 | 3.18 | 14.0 | 2.98 | 13.5 | 2.88 | 13.0 | 2.78 | 12.0 | 2.58 | 11.0 | 2.38 |
| | 9.0 | 7.8 | 16.0 | 3.27 | 15.0 | 3.07 | 14.0 | 2.87 | 13.5 | 2.78 | 13.0 | 2.68 | 12.0 | 2.49 | 11.0 | 2.30 |
| | 12.0 | 10.6 | 16.0 | 3.09 | 15.0 | 2.91 | 14.0 | 2.73 | 13.5 | 2.63 | 13.0 | 2.54 | 12.0 | 2.36 | 11.0 | 2.19 |
| | 15.0 | 13.5 | 16.0 | 2.93 | 15.0 | 2.75 | 14.0 | 2.58 | 13.5 | 2.50 | 13.0 | 2.41 | 12.0 | 2.24 | 11.0 | 2.07 |

# ■ Model: AJ∗108GALDH

| Heating capacity at rated condition: 37.5 kW (12HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 50.2 (150%) | -20.0 | -20.7 | 19.8 | 7.41 | 19.7 | 7.49 | 19.6 | 7.57 | 19.5 | 7.61 | 19.4 | 7.65 | 19.3 | 7.73 | 19.2 | 7.82 |
| | -15.0 | -16.0 | 23.2 | 7.67 | 23.1 | 7.76 | 23.0 | 7.86 | 22.9 | 7.91 | 22.8 | 7.96 | 22.7 | 8.06 | 22.6 | 8.16 |
| | -12.0 | -13.0 | 25.5 | 7.83 | 25.3 | 7.93 | 25.2 | 8.04 | 25.1 | 8.09 | 25.1 | 8.15 | 24.9 | 8.25 | 24.8 | 8.36 |
| | -9.0 | -10.0 | 27.8 | 7.98 | 27.6 | 8.10 | 27.5 | 8.21 | 27.4 | 8.27 | 27.3 | 8.33 | 27.2 | 8.45 | 27.0 | 8.56 |
| | -7.0 | -8.0 | 29.3 | 8.08 | 29.2 | 8.20 | 29.0 | 8.32 | 28.9 | 8.39 | 28.9 | 8.45 | 28.7 | 8.57 | 28.5 | 8.69 |
| | -5.0 | -6.0 | 30.9 | 8.18 | 30.7 | 8.31 | 30.6 | 8.43 | 30.5 | 8.50 | 30.4 | 8.56 | 30.2 | 8.69 | 30.1 | 8.82 |
| | -3.0 | -4.0 | 32.5 | 8.28 | 32.3 | 8.41 | 32.1 | 8.54 | 32.0 | 8.61 | 32.0 | 8.67 | 31.8 | 8.81 | 31.6 | 8.94 |
| | -1.0 | -2.0 | 34.1 | 8.37 | 33.9 | 8.51 | 33.7 | 8.65 | 33.6 | 8.72 | 33.5 | 8.78 | 33.3 | 8.92 | 33.1 | 9.06 |
| | 0.0 | -1.0 | 34.9 | 8.42 | 34.7 | 8.56 | 34.5 | 8.70 | 34.4 | 8.77 | 34.3 | 8.84 | 34.1 | 8.98 | 33.9 | 9.12 |
| | 2.0 | 1.0 | 36.5 | 8.51 | 36.3 | 8.65 | 36.1 | 8.80 | 36.0 | 8.87 | 35.9 | 8.94 | 35.7 | 9.09 | 35.4 | 9.24 |
| | 5.0 | 4.0 | 39.0 | 8.64 | 38.7 | 8.79 | 38.5 | 8.94 | 38.4 | 9.02 | 38.3 | 9.09 | 38.0 | 9.25 | 37.1 | 9.20 |
| | 7.0 | 6.0 | 40.6 | 8.72 | 40.4 | 8.88 | 40.1 | 9.03 | 40.0 | 9.11 | 39.9 | 9.19 | 39.6 | 9.35 | 37.1 | 8.82 |
| | 9.0 | 7.8 | 42.1 | 8.80 | 41.8 | 8.95 | 41.6 | 9.11 | 41.4 | 9.19 | 41.3 | 9.27 | 41.0 | 9.43 | 37.1 | 8.49 |
| | 12.0 | 10.6 | 44.4 | 8.90 | 44.1 | 9.07 | 43.8 | 9.23 | 43.7 | 9.31 | 43.5 | 9.40 | 41.5 | 9.05 | 37.1 | 8.01 |
| | 15.0 | 13.5 | 46.8 | 9.01 | 46.5 | 9.18 | 46.2 | 9.35 | 46.0 | 9.43 | 45.8 | 9.52 | 41.5 | 8.52 | 37.1 | 7.55 |
| 46.9 (140%) | -20.0 | -20.7 | 19.8 | 7.44 | 19.6 | 7.52 | 19.5 | 7.60 | 19.5 | 7.64 | 19.4 | 7.68 | 19.3 | 7.76 | 19.2 | 7.84 |
| | -15.0 | -16.0 | 23.2 | 7.70 | 23.0 | 7.80 | 22.9 | 7.90 | 22.9 | 7.95 | 22.8 | 8.00 | 22.7 | 8.09 | 22.5 | 8.19 |
| | -12.0 | -13.0 | 25.4 | 7.87 | 25.3 | 7.98 | 25.1 | 8.08 | 25.1 | 8.14 | 25.0 | 8.19 | 24.9 | 8.30 | 24.7 | 8.41 |
| | -9.0 | -10.0 | 27.7 | 8.03 | 27.6 | 8.15 | 27.4 | 8.26 | 27.3 | 8.32 | 27.3 | 8.38 | 27.1 | 8.50 | 27.0 | 8.62 |
| | -7.0 | -8.0 | 29.3 | 8.14 | 29.1 | 8.26 | 28.9 | 8.38 | 28.9 | 8.44 | 28.8 | 8.50 | 28.6 | 8.63 | 28.5 | 8.75 |
| | -5.0 | -6.0 | 30.8 | 8.24 | 30.7 | 8.37 | 30.5 | 8.50 | 30.4 | 8.56 | 30.3 | 8.63 | 30.1 | 8.75 | 30.0 | 8.88 |
| | -3.0 | -4.0 | 32.4 | 8.35 | 32.2 | 8.48 | 32.0 | 8.61 | 31.9 | 8.68 | 31.9 | 8.74 | 31.7 | 8.88 | 31.5 | 9.01 |
| | -1.0 | -2.0 | 34.0 | 8.45 | 33.8 | 8.58 | 33.6 | 8.72 | 33.5 | 8.79 | 33.4 | 8.86 | 33.2 | 9.00 | 33.0 | 9.14 |
| | 0.0 | -1.0 | 34.8 | 8.50 | 34.6 | 8.64 | 34.4 | 8.78 | 34.3 | 8.85 | 34.2 | 8.92 | 34.0 | 9.06 | 33.8 | 9.20 |
| | 2.0 | 1.0 | 36.4 | 8.59 | 36.2 | 8.74 | 36.0 | 8.88 | 35.9 | 8.96 | 35.8 | 9.03 | 35.5 | 9.17 | 34.7 | 9.10 |
| | 5.0 | 4.0 | 38.8 | 8.73 | 38.6 | 8.89 | 38.4 | 9.04 | 38.2 | 9.11 | 38.1 | 9.19 | 37.9 | 9.34 | 34.7 | 8.54 |
| | 7.0 | 6.0 | 40.5 | 8.83 | 40.2 | 8.98 | 39.9 | 9.14 | 39.8 | 9.21 | 39.7 | 9.29 | 38.7 | 9.23 | 34.7 | 8.18 |
| | 9.0 | 7.8 | 41.9 | 8.90 | 41.7 | 9.06 | 41.4 | 9.22 | 41.2 | 9.30 | 41.1 | 9.38 | 38.7 | 8.89 | 34.7 | 7.88 |
| | 12.0 | 10.6 | 44.2 | 9.02 | 43.9 | 9.19 | 43.6 | 9.35 | 43.5 | 9.43 | 42.8 | 9.37 | 38.7 | 8.39 | 34.7 | 7.44 |
| | 15.0 | 13.5 | 46.6 | 9.14 | 46.3 | 9.31 | 45.9 | 9.47 | 44.9 | 9.29 | 42.8 | 8.82 | 38.7 | 7.90 | 34.7 | 7.01 |
| 43.5 (130%) | -20.0 | -20.7 | 19.7 | 7.47 | 19.6 | 7.55 | 19.5 | 7.63 | 19.4 | 7.67 | 19.4 | 7.71 | 19.3 | 7.79 | 19.1 | 7.87 |
| | -15.0 | -16.0 | 23.1 | 7.75 | 23.0 | 7.84 | 22.9 | 7.94 | 22.8 | 7.99 | 22.7 | 8.04 | 22.6 | 8.14 | 22.5 | 8.23 |
| | -12.0 | -13.0 | 25.3 | 7.92 | 25.2 | 8.03 | 25.1 | 8.13 | 25.0 | 8.19 | 24.9 | 8.24 | 24.8 | 8.35 | 24.7 | 8.46 |
| | -9.0 | -10.0 | 27.6 | 8.09 | 27.5 | 8.21 | 27.3 | 8.32 | 27.3 | 8.38 | 27.2 | 8.44 | 27.0 | 8.56 | 26.9 | 8.68 |
| | -7.0 | -8.0 | 29.2 | 8.21 | 29.0 | 8.33 | 28.9 | 8.45 | 28.8 | 8.51 | 28.7 | 8.57 | 28.5 | 8.69 | 28.4 | 8.82 |
| | -5.0 | -6.0 | 30.7 | 8.32 | 30.6 | 8.44 | 30.4 | 8.57 | 30.3 | 8.64 | 30.2 | 8.70 | 30.0 | 8.83 | 29.9 | 8.96 |
| | -3.0 | -4.0 | 32.3 | 8.43 | 32.1 | 8.56 | 31.9 | 8.69 | 31.8 | 8.76 | 31.7 | 8.82 | 31.6 | 8.96 | 31.4 | 9.09 |
| | -1.0 | -2.0 | 33.9 | 8.53 | 33.7 | 8.67 | 33.5 | 8.81 | 33.4 | 8.88 | 33.3 | 8.95 | 33.1 | 9.09 | 32.2 | 8.98 |
| | 0.0 | -1.0 | 34.7 | 8.59 | 34.5 | 8.73 | 34.3 | 8.87 | 34.2 | 8.94 | 34.1 | 9.01 | 33.9 | 9.15 | 32.2 | 8.78 |
| | 2.0 | 1.0 | 36.3 | 8.69 | 36.0 | 8.84 | 35.8 | 8.98 | 35.7 | 9.05 | 35.6 | 9.13 | 35.4 | 9.27 | 32.2 | 8.41 |
| | 5.0 | 4.0 | 38.7 | 8.84 | 38.4 | 9.00 | 38.2 | 9.15 | 38.1 | 9.22 | 37.9 | 9.30 | 36.0 | 8.88 | 32.2 | 7.89 |
| | 7.0 | 6.0 | 40.3 | 8.94 | 40.0 | 9.10 | 39.7 | 9.25 | 39.6 | 9.33 | 39.5 | 9.41 | 36.0 | 8.52 | 32.2 | 7.56 |
| | 9.0 | 7.8 | 41.7 | 9.03 | 41.4 | 9.19 | 41.2 | 9.35 | 41.0 | 9.42 | 39.8 | 9.15 | 36.0 | 8.20 | 32.2 | 7.29 |
| | 12.0 | 10.6 | 44.0 | 9.16 | 43.7 | 9.32 | 43.4 | 9.48 | 41.7 | 9.08 | 39.8 | 8.63 | 36.0 | 7.74 | 32.2 | 6.88 |
| | 15.0 | 13.5 | 46.3 | 9.28 | 46.0 | 9.45 | 43.5 | 8.99 | 41.7 | 8.55 | 39.8 | 8.13 | 36.0 | 7.29 | 32.2 | 6.48 |
| 40.2 (120%) | -20.0 | -20.7 | 19.7 | 7.50 | 19.6 | 7.58 | 19.4 | 7.66 | 19.4 | 7.70 | 19.3 | 7.74 | 19.2 | 7.82 | 19.1 | 7.91 |
| | -15.0 | -16.0 | 23.0 | 7.79 | 22.9 | 7.89 | 22.8 | 7.99 | 22.7 | 8.04 | 22.7 | 8.09 | 22.5 | 8.18 | 22.4 | 8.28 |
| | -12.0 | -13.0 | 25.3 | 7.98 | 25.1 | 8.09 | 25.0 | 8.19 | 24.9 | 8.25 | 24.9 | 8.30 | 24.7 | 8.41 | 24.6 | 8.52 |
| | -9.0 | -10.0 | 27.5 | 8.16 | 27.4 | 8.28 | 27.2 | 8.39 | 27.2 | 8.45 | 27.1 | 8.51 | 26.9 | 8.63 | 26.8 | 8.74 |
| | -7.0 | -8.0 | 29.1 | 8.28 | 28.9 | 8.40 | 28.8 | 8.53 | 28.7 | 8.59 | 28.6 | 8.65 | 28.4 | 8.77 | 28.3 | 8.89 |
| | -5.0 | -6.0 | 30.6 | 8.40 | 30.4 | 8.53 | 30.3 | 8.66 | 30.2 | 8.72 | 30.1 | 8.78 | 29.9 | 8.91 | 29.7 | 9.02 |
| | -3.0 | -4.0 | 32.2 | 8.52 | 32.0 | 8.65 | 31.8 | 8.78 | 31.7 | 8.85 | 31.6 | 8.92 | 31.4 | 9.05 | 29.7 | 8.62 |
| | -1.0 | -2.0 | 33.7 | 8.64 | 33.5 | 8.77 | 33.3 | 8.91 | 33.2 | 8.98 | 33.1 | 9.05 | 32.9 | 9.19 | 29.7 | 8.25 |
| | 0.0 | -1.0 | 34.5 | 8.69 | 34.3 | 8.83 | 34.1 | 8.97 | 34.0 | 9.04 | 33.9 | 9.11 | 33.2 | 9.08 | 29.7 | 8.07 |
| | 2.0 | 1.0 | 36.1 | 8.81 | 35.9 | 8.95 | 35.7 | 9.09 | 35.5 | 9.17 | 35.4 | 9.24 | 33.2 | 8.69 | 29.7 | 7.73 |
| | 5.0 | 4.0 | 38.5 | 8.97 | 38.2 | 9.12 | 38.0 | 9.27 | 37.9 | 9.35 | 36.7 | 9.08 | 33.2 | 8.15 | 29.7 | 7.25 |
| | 7.0 | 6.0 | 40.0 | 9.08 | 39.8 | 9.23 | 39.5 | 9.39 | 38.5 | 9.16 | 36.7 | 8.70 | 33.2 | 7.82 | 29.7 | 6.95 |
| | 9.0 | 7.8 | 41.5 | 9.17 | 41.2 | 9.33 | 40.2 | 9.26 | 38.5 | 8.82 | 36.7 | 8.38 | 33.2 | 7.53 | 29.7 | 6.70 |
| | 12.0 | 10.6 | 43.7 | 9.31 | 43.4 | 9.48 | 40.2 | 8.73 | 38.5 | 8.32 | 36.7 | 7.91 | 33.2 | 7.11 | 29.7 | 6.33 |
| | 15.0 | 13.5 | 46.0 | 9.45 | 43.7 | 9.02 | 40.2 | 8.23 | 38.5 | 7.84 | 36.7 | 7.45 | 33.2 | 6.70 | 29.7 | 5.97 |
| 36.8 (110%) | -20.0 | -20.7 | 19.6 | 7.54 | 19.5 | 7.62 | 19.4 | 7.70 | 19.3 | 7.74 | 19.3 | 7.78 | 19.1 | 7.87 | 19.0 | 7.95 |
| | -15.0 | -16.0 | 23.0 | 7.85 | 22.8 | 7.95 | 22.7 | 8.05 | 22.7 | 8.09 | 22.6 | 8.14 | 22.5 | 8.24 | 22.3 | 8.34 |
| | -12.0 | -13.0 | 25.2 | 8.05 | 25.0 | 8.16 | 24.9 | 8.26 | 24.8 | 8.32 | 24.8 | 8.37 | 24.6 | 8.48 | 24.5 | 8.58 |
| | -9.0 | -10.0 | 27.4 | 8.25 | 27.3 | 8.36 | 27.1 | 8.48 | 27.1 | 8.53 | 27.0 | 8.59 | 26.8 | 8.71 | 26.7 | 8.83 |
| | -7.0 | -8.0 | 28.9 | 8.37 | 28.8 | 8.50 | 28.6 | 8.62 | 28.6 | 8.68 | 28.5 | 8.74 | 28.3 | 8.86 | 27.2 | 8.63 |
| | -5.0 | -6.0 | 30.5 | 8.50 | 30.3 | 8.63 | 30.1 | 8.76 | 30.1 | 8.82 | 30.0 | 8.88 | 29.8 | 9.01 | 27.2 | 8.24 |
| | -3.0 | -4.0 | 32.0 | 8.63 | 31.8 | 8.76 | 31.6 | 8.89 | 31.6 | 8.96 | 31.5 | 9.03 | 30.4 | 8.85 | 27.2 | 7.87 |
| | -1.0 | -2.0 | 33.6 | 8.76 | 33.4 | 8.89 | 33.2 | 9.03 | 33.1 | 9.10 | 33.0 | 9.17 | 30.4 | 8.46 | 27.2 | 7.53 |
| | 0.0 | -1.0 | 34.3 | 8.82 | 34.1 | 8.96 | 33.9 | 9.10 | 33.8 | 9.17 | 33.6 | 9.21 | 30.4 | 8.28 | 27.2 | 7.37 |
| | 2.0 | 1.0 | 35.9 | 8.94 | 35.7 | 9.08 | 35.4 | 9.23 | 35.2 | 9.27 | 33.6 | 8.81 | 30.4 | 7.93 | 27.2 | 7.06 |
| | 5.0 | 4.0 | 38.2 | 9.12 | 38.0 | 9.27 | 36.8 | 9.12 | 35.2 | 8.69 | 33.6 | 8.27 | 30.4 | 7.44 | 27.2 | 6.63 |
| | 7.0 | 6.0 | 39.8 | 9.24 | 39.5 | 9.39 | 36.8 | 8.74 | 35.2 | 8.33 | 33.6 | 7.93 | 30.4 | 7.13 | 27.2 | 6.36 |
| | 9.0 | 7.8 | 41.2 | 9.34 | 40.1 | 9.22 | 36.8 | 8.42 | 35.2 | 8.02 | 33.6 | 7.63 | 30.4 | 6.87 | 27.2 | 6.13 |
| | 12.0 | 10.6 | 43.3 | 9.47 | 40.1 | 8.70 | 36.8 | 7.94 | 35.2 | 7.57 | 33.6 | 7.21 | 30.4 | 6.49 | 27.2 | 5.79 |
| | 15.0 | 13.5 | 43.3 | 8.92 | 40.1 | 8.19 | 36.8 | 7.48 | 35.2 | 7.14 | 33.6 | 6.79 | 30.4 | 6.12 | 27.2 | 5.46 |

MODEL SELECTION

| Heating capacity at rated condition: 37.5 kW (12HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 33.5 (100%) | -20.0 | -20.7 | 19.5 | 7.59 | 19.4 | 7.67 | 19.3 | 7.75 | 19.2 | 7.79 | 19.2 | 7.83 | 19.1 | 7.91 | 19.0 | 8.00 |
| | -15.0 | -16.0 | 22.9 | 7.92 | 22.8 | 8.02 | 22.6 | 8.11 | 22.6 | 8.16 | 22.5 | 8.21 | 22.4 | 8.31 | 22.3 | 8.41 |
| | -12.0 | -13.0 | 25.1 | 8.13 | 24.9 | 8.24 | 24.8 | 8.35 | 24.7 | 8.40 | 24.7 | 8.45 | 24.5 | 8.56 | 24.4 | 8.67 |
| | -9.0 | -10.0 | 27.3 | 8.34 | 27.2 | 8.46 | 27.0 | 8.57 | 26.9 | 8.63 | 26.9 | 8.69 | 26.7 | 8.81 | 24.8 | 8.19 |
| | -7.0 | -8.0 | 28.8 | 8.48 | 28.6 | 8.60 | 28.5 | 8.73 | 28.4 | 8.79 | 28.3 | 8.85 | 27.7 | 8.77 | 24.8 | 7.82 |
| | -5.0 | -6.0 | 30.3 | 8.62 | 30.1 | 8.75 | 30.0 | 8.88 | 29.9 | 8.94 | 29.8 | 9.00 | 27.7 | 8.37 | 24.8 | 7.46 |
| | -3.0 | -4.0 | 31.8 | 8.76 | 31.7 | 8.89 | 31.5 | 9.02 | 31.4 | 9.09 | 30.6 | 8.89 | 27.7 | 8.00 | 24.8 | 7.14 |
| | -1.0 | -2.0 | 33.4 | 8.90 | 33.2 | 9.03 | 33.0 | 9.17 | 32.0 | 8.93 | 30.6 | 8.50 | 27.7 | 7.66 | 24.8 | 6.83 |
| | 0.0 | -1.0 | 34.1 | 8.97 | 33.9 | 9.10 | 33.5 | 9.17 | 32.0 | 8.74 | 30.6 | 8.32 | 27.7 | 7.49 | 24.8 | 6.68 |
| | 2.0 | 1.0 | 35.6 | 9.10 | 35.4 | 9.24 | 33.5 | 8.77 | 32.0 | 8.37 | 30.6 | 7.97 | 27.7 | 7.18 | 24.8 | 6.41 |
| | 5.0 | 4.0 | 37.9 | 9.30 | 36.4 | 9.00 | 33.5 | 8.23 | 32.0 | 7.85 | 30.6 | 7.47 | 27.7 | 6.74 | 24.8 | 6.02 |
| | 7.0 | 6.0 | 39.3 | 9.38 | 36.4 | 8.63 | 33.5 | 7.89 | 32.0 | 7.53 | 30.6 | 7.17 | 27.7 | 6.46 | 24.8 | 5.77 |
| | 9.0 | 7.8 | 39.3 | 9.04 | 36.4 | 8.31 | 33.5 | 7.60 | 32.0 | 7.25 | 30.6 | 6.91 | 27.7 | 6.23 | 24.8 | 5.57 |
| | 12.0 | 10.6 | 39.3 | 8.52 | 36.4 | 7.84 | 33.5 | 7.17 | 32.0 | 6.85 | 30.6 | 6.52 | 27.7 | 5.88 | 24.8 | 5.26 |
| | 15.0 | 13.5 | 39.3 | 8.03 | 36.4 | 7.39 | 33.5 | 6.76 | 32.0 | 6.45 | 30.6 | 6.15 | 27.7 | 5.55 | 24.8 | 4.97 |
| 30.1 (90%) | -20.0 | -20.7 | 19.5 | 7.65 | 19.3 | 7.73 | 19.2 | 7.81 | 19.2 | 7.85 | 19.1 | 7.89 | 19.0 | 7.97 | 18.9 | 8.06 |
| | -15.0 | -16.0 | 22.8 | 8.01 | 22.7 | 8.10 | 22.5 | 8.20 | 22.5 | 8.25 | 22.4 | 8.30 | 22.3 | 8.39 | 22.1 | 8.49 |
| | -12.0 | -13.0 | 24.9 | 8.23 | 24.8 | 8.34 | 24.7 | 8.45 | 24.6 | 8.50 | 24.5 | 8.55 | 24.4 | 8.66 | 22.3 | 7.91 |
| | -9.0 | -10.0 | 27.2 | 8.46 | 27.0 | 8.58 | 26.9 | 8.69 | 26.8 | 8.75 | 26.7 | 8.81 | 24.9 | 8.24 | 22.3 | 7.36 |
| | -7.0 | -8.0 | 28.6 | 8.62 | 28.5 | 8.74 | 28.3 | 8.86 | 28.2 | 8.92 | 27.5 | 8.72 | 24.9 | 7.86 | 22.3 | 7.02 |
| | -5.0 | -6.0 | 30.1 | 8.77 | 30.0 | 8.89 | 29.8 | 9.02 | 28.8 | 8.74 | 27.5 | 8.33 | 24.9 | 7.51 | 22.3 | 6.71 |
| | -3.0 | -4.0 | 31.6 | 8.92 | 31.4 | 9.05 | 30.1 | 8.76 | 28.8 | 8.36 | 27.5 | 7.96 | 24.9 | 7.18 | 22.3 | 6.41 |
| | -1.0 | -2.0 | 33.1 | 9.07 | 32.8 | 9.15 | 30.1 | 8.38 | 28.8 | 7.99 | 27.5 | 7.62 | 24.9 | 6.87 | 22.3 | 6.14 |
| | 0.0 | -1.0 | 33.9 | 9.14 | 32.8 | 8.95 | 30.1 | 8.19 | 28.8 | 7.82 | 27.5 | 7.45 | 24.9 | 6.72 | 22.3 | 6.01 |
| | 2.0 | 1.0 | 35.4 | 9.29 | 32.8 | 8.57 | 30.1 | 7.85 | 28.8 | 7.49 | 27.5 | 7.14 | 24.9 | 6.44 | 22.3 | 5.76 |
| | 5.0 | 4.0 | 35.4 | 8.73 | 32.8 | 8.04 | 30.1 | 7.36 | 28.8 | 7.03 | 27.5 | 6.70 | 24.9 | 6.05 | 22.3 | 5.42 |
| | 7.0 | 6.0 | 35.4 | 8.37 | 32.8 | 7.71 | 30.1 | 7.06 | 28.8 | 6.74 | 27.5 | 6.43 | 24.9 | 5.81 | 22.3 | 5.20 |
| | 9.0 | 7.8 | 35.4 | 8.06 | 32.8 | 7.42 | 30.1 | 6.80 | 28.8 | 6.50 | 27.5 | 6.20 | 24.9 | 5.60 | 22.3 | 5.02 |
| | 12.0 | 10.6 | 35.4 | 7.61 | 32.8 | 7.01 | 30.1 | 6.42 | 28.8 | 6.14 | 27.5 | 5.85 | 24.9 | 5.29 | 22.3 | 4.74 |
| | 15.0 | 13.5 | 35.4 | 7.17 | 32.8 | 6.61 | 30.1 | 6.06 | 28.8 | 5.79 | 27.5 | 5.52 | 24.9 | 4.99 | 22.3 | 4.48 |
| 26.8 (80%) | -20.0 | -20.7 | 19.3 | 7.72 | 19.2 | 7.80 | 19.1 | 7.88 | 19.1 | 7.93 | 19.0 | 7.97 | 18.9 | 8.05 | 18.8 | 8.13 |
| | -15.0 | -16.0 | 22.6 | 8.11 | 22.5 | 8.21 | 22.4 | 8.30 | 22.3 | 8.35 | 22.3 | 8.40 | 22.1 | 8.50 | 19.8 | 7.59 |
| | -12.0 | -13.0 | 24.8 | 8.36 | 24.7 | 8.46 | 24.5 | 8.57 | 24.5 | 8.62 | 24.4 | 8.68 | 22.1 | 7.86 | 19.8 | 7.03 |
| | -9.0 | -10.0 | 27.0 | 8.61 | 26.8 | 8.73 | 26.7 | 8.84 | 25.6 | 8.49 | 24.5 | 8.09 | 22.1 | 7.31 | 19.8 | 6.53 |
| | -7.0 | -8.0 | 28.4 | 8.78 | 28.3 | 8.90 | 26.8 | 8.48 | 25.6 | 8.10 | 24.5 | 7.72 | 22.1 | 6.97 | 19.8 | 6.24 |
| | -5.0 | -6.0 | 29.9 | 8.95 | 29.1 | 8.84 | 26.8 | 8.10 | 25.6 | 7.73 | 24.5 | 7.37 | 22.1 | 6.66 | 19.8 | 5.96 |
| | -3.0 | -4.0 | 31.3 | 9.12 | 29.1 | 8.45 | 26.8 | 7.74 | 25.6 | 7.39 | 24.5 | 7.05 | 22.1 | 6.37 | 19.8 | 5.71 |
| | -1.0 | -2.0 | 31.5 | 8.76 | 29.1 | 8.08 | 26.8 | 7.41 | 25.6 | 7.08 | 24.5 | 6.75 | 22.1 | 6.10 | 19.8 | 5.47 |
| | 0.0 | -1.0 | 31.5 | 8.57 | 29.1 | 7.90 | 26.8 | 7.25 | 25.6 | 6.92 | 24.5 | 6.60 | 22.1 | 5.97 | 19.8 | 5.35 |
| | 2.0 | 1.0 | 31.5 | 8.21 | 29.1 | 7.57 | 26.8 | 6.94 | 25.6 | 6.63 | 24.5 | 6.33 | 22.1 | 5.73 | 19.8 | 5.13 |
| | 5.0 | 4.0 | 31.5 | 7.70 | 29.1 | 7.10 | 26.8 | 6.52 | 25.6 | 6.23 | 24.5 | 5.94 | 22.1 | 5.38 | 19.8 | 4.83 |
| | 7.0 | 6.0 | 31.5 | 7.38 | 29.1 | 6.81 | 26.8 | 6.25 | 25.6 | 5.98 | 24.5 | 5.71 | 22.1 | 5.17 | 19.8 | 4.64 |
| | 9.0 | 7.8 | 31.5 | 7.11 | 29.1 | 6.57 | 26.8 | 6.03 | 25.6 | 5.76 | 24.5 | 5.50 | 22.1 | 4.98 | 19.8 | 4.48 |
| | 12.0 | 10.6 | 31.5 | 6.72 | 29.1 | 6.20 | 26.8 | 5.70 | 25.6 | 5.45 | 24.5 | 5.20 | 22.1 | 4.71 | 19.8 | 4.24 |
| | 15.0 | 13.5 | 31.5 | 6.33 | 29.1 | 5.85 | 26.8 | 5.37 | 25.6 | 5.14 | 24.5 | 4.91 | 22.1 | 4.45 | 19.8 | 4.00 |
| 23.4 (70%) | -20.0 | -20.7 | 19.2 | 7.82 | 19.1 | 7.90 | 19.0 | 7.98 | 18.9 | 8.02 | 18.9 | 8.06 | 18.8 | 8.14 | 17.3 | 7.56 |
| | -15.0 | -16.0 | 22.5 | 8.24 | 22.3 | 8.34 | 22.2 | 8.43 | 22.2 | 8.48 | 21.4 | 8.21 | 19.4 | 7.42 | 17.3 | 6.64 |
| | -12.0 | -13.0 | 24.6 | 8.52 | 24.5 | 8.62 | 23.4 | 8.34 | 22.4 | 7.97 | 21.4 | 7.60 | 19.4 | 6.87 | 17.3 | 6.15 |
| | -9.0 | -10.0 | 26.7 | 8.80 | 25.5 | 8.44 | 23.4 | 7.75 | 22.4 | 7.40 | 21.4 | 7.06 | 19.4 | 6.39 | 17.3 | 5.73 |
| | -7.0 | -8.0 | 27.5 | 8.72 | 25.5 | 8.05 | 23.4 | 7.39 | 22.4 | 7.06 | 21.4 | 6.74 | 19.4 | 6.10 | 17.3 | 5.47 |
| | -5.0 | -6.0 | 27.5 | 8.33 | 25.5 | 7.69 | 23.4 | 7.06 | 22.4 | 6.75 | 21.4 | 6.44 | 19.4 | 5.83 | 17.3 | 5.24 |
| | -3.0 | -4.0 | 27.5 | 7.96 | 25.5 | 7.35 | 23.4 | 6.75 | 22.4 | 6.46 | 21.4 | 6.16 | 19.4 | 5.58 | 17.3 | 5.01 |
| | -1.0 | -2.0 | 27.5 | 7.62 | 25.5 | 7.04 | 23.4 | 6.46 | 22.4 | 6.18 | 21.4 | 5.90 | 19.4 | 5.35 | 17.3 | 4.81 |
| | 0.0 | -1.0 | 27.5 | 7.45 | 25.5 | 6.88 | 23.4 | 6.33 | 22.4 | 6.05 | 21.4 | 5.78 | 19.4 | 5.24 | 17.3 | 4.71 |
| | 2.0 | 1.0 | 27.5 | 7.14 | 25.5 | 6.60 | 23.4 | 6.06 | 22.4 | 5.80 | 21.4 | 5.54 | 19.4 | 5.02 | 17.3 | 4.52 |
| | 5.0 | 4.0 | 27.5 | 6.70 | 25.5 | 6.19 | 23.4 | 5.70 | 22.4 | 5.45 | 21.4 | 5.21 | 19.4 | 4.73 | 17.3 | 4.25 |
| | 7.0 | 6.0 | 27.5 | 6.43 | 25.5 | 5.94 | 23.4 | 5.47 | 22.4 | 5.23 | 21.4 | 5.00 | 19.4 | 4.54 | 17.3 | 4.09 |
| | 9.0 | 7.8 | 27.5 | 6.20 | 25.5 | 5.73 | 23.4 | 5.27 | 22.4 | 5.05 | 21.4 | 4.82 | 19.4 | 4.38 | 17.3 | 3.95 |
| | 12.0 | 10.6 | 27.5 | 5.85 | 25.5 | 5.42 | 23.4 | 4.99 | 22.4 | 4.77 | 21.4 | 4.56 | 19.4 | 4.15 | 17.3 | 3.74 |
| | 15.0 | 13.5 | 27.5 | 5.52 | 25.5 | 5.11 | 23.4 | 4.71 | 22.4 | 4.51 | 21.4 | 4.31 | 19.4 | 3.92 | 17.3 | 3.54 |
| 20.1 (60%) | -20.0 | -20.7 | 19.0 | 7.94 | 18.9 | 8.02 | 18.8 | 8.10 | 18.8 | 8.14 | 18.4 | 8.01 | 16.6 | 7.24 | 14.9 | 6.49 |
| | -15.0 | -16.0 | 22.2 | 8.42 | 21.8 | 8.38 | 20.1 | 7.70 | 19.2 | 7.36 | 18.4 | 7.03 | 16.6 | 6.36 | 14.9 | 5.71 |
| | -12.0 | -13.0 | 23.6 | 8.39 | 21.8 | 7.76 | 20.1 | 7.13 | 19.2 | 6.82 | 18.4 | 6.51 | 16.6 | 5.90 | 14.9 | 5.30 |
| | -9.0 | -10.0 | 23.6 | 7.80 | 21.8 | 7.21 | 20.1 | 6.63 | 19.2 | 6.34 | 18.4 | 6.06 | 16.6 | 5.50 | 14.9 | 4.94 |
| | -7.0 | -8.0 | 23.6 | 7.44 | 21.8 | 6.88 | 20.1 | 6.33 | 19.2 | 6.06 | 18.4 | 5.79 | 16.6 | 5.25 | 14.9 | 4.72 |
| | -5.0 | -6.0 | 23.6 | 7.10 | 21.8 | 6.57 | 20.1 | 6.05 | 19.2 | 5.79 | 18.4 | 5.53 | 16.6 | 5.02 | 14.9 | 4.52 |
| | -3.0 | -4.0 | 23.6 | 6.79 | 21.8 | 6.29 | 20.1 | 5.79 | 19.2 | 5.54 | 18.4 | 5.30 | 16.6 | 4.81 | 14.9 | 4.34 |
| | -1.0 | -2.0 | 23.6 | 6.50 | 21.8 | 6.02 | 20.1 | 5.55 | 19.2 | 5.31 | 18.4 | 5.08 | 16.6 | 4.61 | 14.9 | 4.16 |
| | 0.0 | -1.0 | 23.6 | 6.37 | 21.8 | 5.89 | 20.1 | 5.43 | 19.2 | 5.20 | 18.4 | 4.97 | 16.6 | 4.52 | 14.9 | 4.08 |
| | 2.0 | 1.0 | 23.6 | 6.10 | 21.8 | 5.65 | 20.1 | 5.21 | 19.2 | 4.99 | 18.4 | 4.77 | 16.6 | 4.34 | 14.9 | 3.91 |
| | 5.0 | 4.0 | 23.6 | 5.73 | 21.8 | 5.31 | 20.1 | 4.90 | 19.2 | 4.69 | 18.4 | 4.49 | 16.6 | 4.09 | 14.9 | 3.69 |
| | 7.0 | 6.0 | 23.6 | 5.50 | 21.8 | 5.10 | 20.1 | 4.70 | 19.2 | 4.51 | 18.4 | 4.31 | 16.6 | 3.93 | 14.9 | 3.55 |
| | 9.0 | 7.8 | 23.6 | 5.31 | 21.8 | 4.92 | 20.1 | 4.54 | 19.2 | 4.35 | 18.4 | 4.16 | 16.6 | 3.79 | 14.9 | 3.43 |
| | 12.0 | 10.6 | 23.6 | 5.02 | 21.8 | 4.65 | 20.1 | 4.30 | 19.2 | 4.12 | 18.4 | 3.94 | 16.6 | 3.60 | 14.9 | 3.25 |
| | 15.0 | 13.5 | 23.6 | 4.74 | 21.8 | 4.40 | 20.1 | 4.06 | 19.2 | 3.89 | 18.4 | 3.73 | 16.6 | 3.40 | 14.9 | 3.08 |

| Heating capacity at rated condition: 37.5 kW (12HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 16.8 (50%) | -20.0 | -20.7 | 18.8 | 8.12 | 18.2 | 7.94 | 16.8 | 7.30 | 16.0 | 6.99 | 15.3 | 6.68 | 13.8 | 6.05 | 12.4 | 5.44 |
| | -15.0 | -16.0 | 19.7 | 7.53 | 18.2 | 6.97 | 16.8 | 6.42 | 16.0 | 6.14 | 15.3 | 5.87 | 13.8 | 5.33 | 12.4 | 4.80 |
| | -12.0 | -13.0 | 19.7 | 6.97 | 18.2 | 6.46 | 16.8 | 5.95 | 16.0 | 5.70 | 15.3 | 5.45 | 13.8 | 4.95 | 12.4 | 4.47 |
| | -9.0 | -10.0 | 19.7 | 6.49 | 18.2 | 6.01 | 16.8 | 5.54 | 16.0 | 5.31 | 15.3 | 5.08 | 13.8 | 4.62 | 12.4 | 4.17 |
| | -7.0 | -8.0 | 19.7 | 6.19 | 18.2 | 5.74 | 16.8 | 5.30 | 16.0 | 5.07 | 15.3 | 4.86 | 13.8 | 4.42 | 12.4 | 3.99 |
| | -5.0 | -6.0 | 19.7 | 5.92 | 18.2 | 5.49 | 16.8 | 5.07 | 16.0 | 4.86 | 15.3 | 4.65 | 13.8 | 4.23 | 12.4 | 3.83 |
| | -3.0 | -4.0 | 19.7 | 5.67 | 18.2 | 5.26 | 16.8 | 4.85 | 16.0 | 4.65 | 15.3 | 4.45 | 13.8 | 4.06 | 12.4 | 3.67 |
| | -1.0 | -2.0 | 19.7 | 5.43 | 18.2 | 5.04 | 16.8 | 4.65 | 16.0 | 4.46 | 15.3 | 4.27 | 13.8 | 3.90 | 12.4 | 3.53 |
| | 0.0 | -1.0 | 19.7 | 5.31 | 18.2 | 4.93 | 16.8 | 4.56 | 16.0 | 4.37 | 15.3 | 4.19 | 13.8 | 3.82 | 12.4 | 3.46 |
| | 2.0 | 1.0 | 19.7 | 5.10 | 18.2 | 4.73 | 16.8 | 4.38 | 16.0 | 4.20 | 15.3 | 4.02 | 13.8 | 3.67 | 12.4 | 3.32 |
| | 5.0 | 4.0 | 19.7 | 4.80 | 18.2 | 4.46 | 16.8 | 4.12 | 16.0 | 3.95 | 15.3 | 3.79 | 13.8 | 3.46 | 12.4 | 3.14 |
| | 7.0 | 6.0 | 19.7 | 4.61 | 18.2 | 4.28 | 16.8 | 3.96 | 16.0 | 3.80 | 15.3 | 3.65 | 13.8 | 3.33 | 12.4 | 3.02 |
| | 9.0 | 7.8 | 19.7 | 4.45 | 18.2 | 4.13 | 16.8 | 3.83 | 16.0 | 3.67 | 15.3 | 3.52 | 13.8 | 3.22 | 12.4 | 2.92 |
| | 12.0 | 10.6 | 19.7 | 4.21 | 18.2 | 3.91 | 16.8 | 3.63 | 16.0 | 3.48 | 15.3 | 3.34 | 13.8 | 3.06 | 12.4 | 2.78 |
| | 15.0 | 13.5 | 19.7 | 3.98 | 18.2 | 3.70 | 16.8 | 3.43 | 16.0 | 3.30 | 15.3 | 3.16 | 13.8 | 2.90 | 12.4 | 2.64 |

# ■ Model: AJ∗126GALDH

| Heating capacity at rated condition: 45.0 kW (14HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 60.0 (150%) | -20.0 | -20.7 | 27.3 | 8.66 | 26.9 | 8.76 | 26.5 | 8.86 | 26.3 | 8.91 | 26.1 | 8.96 | 25.7 | 9.06 | 25.3 | 9.17 |
| | -15.0 | -16.0 | 31.0 | 9.09 | 30.7 | 9.21 | 30.3 | 9.34 | 30.2 | 9.40 | 30.0 | 9.47 | 29.7 | 9.60 | 29.4 | 9.73 |
| | -12.0 | -13.0 | 33.6 | 9.36 | 33.3 | 9.50 | 33.1 | 9.64 | 32.9 | 9.72 | 32.8 | 9.79 | 32.5 | 9.93 | 32.2 | 10.08 |
| | -9.0 | -10.0 | 36.4 | 9.64 | 36.2 | 9.79 | 35.9 | 9.95 | 35.8 | 10.03 | 35.7 | 10.11 | 35.4 | 10.27 | 35.2 | 10.43 |
| | -7.0 | -8.0 | 38.4 | 9.82 | 38.1 | 9.99 | 37.9 | 10.16 | 37.8 | 10.24 | 37.7 | 10.32 | 37.4 | 10.49 | 37.2 | 10.66 |
| | -5.0 | -6.0 | 40.4 | 10.01 | 40.2 | 10.19 | 39.9 | 10.36 | 39.8 | 10.45 | 39.7 | 10.54 | 39.5 | 10.72 | 39.3 | 10.90 |
| | -3.0 | -4.0 | 42.5 | 10.20 | 42.3 | 10.38 | 42.0 | 10.57 | 41.9 | 10.66 | 41.8 | 10.75 | 41.6 | 10.94 | 41.4 | 11.13 |
| | -1.0 | -2.0 | 44.6 | 10.39 | 44.4 | 10.58 | 44.2 | 10.78 | 44.0 | 10.87 | 43.9 | 10.97 | 43.7 | 11.17 | 43.5 | 11.36 |
| | 0.0 | -1.0 | 45.7 | 10.49 | 45.5 | 10.68 | 45.2 | 10.88 | 45.1 | 10.98 | 45.0 | 11.08 | 44.8 | 11.28 | 44.5 | 11.48 |
| | 2.0 | 1.0 | 47.9 | 10.68 | 47.6 | 10.88 | 47.4 | 11.09 | 47.3 | 11.19 | 47.2 | 11.30 | 46.9 | 11.50 | 46.7 | 11.71 |
| | 5.0 | 4.0 | 51.2 | 10.97 | 51.0 | 11.18 | 50.7 | 11.40 | 50.6 | 11.51 | 50.4 | 11.62 | 50.2 | 11.84 | 47.1 | 11.10 |
| | 7.0 | 6.0 | 53.5 | 11.16 | 53.2 | 11.39 | 52.9 | 11.61 | 52.8 | 11.72 | 52.6 | 11.84 | 51.4 | 11.74 | 47.1 | 10.63 |
| | 9.0 | 7.8 | 55.5 | 11.34 | 55.2 | 11.57 | 54.9 | 11.80 | 54.8 | 11.91 | 54.6 | 12.03 | 51.4 | 11.29 | 47.1 | 10.22 |
| | 12.0 | 10.6 | 58.7 | 11.61 | 58.3 | 11.85 | 58.0 | 12.09 | 57.9 | 12.21 | 55.7 | 11.68 | 51.4 | 10.64 | 47.1 | 9.63 |
| | 15.0 | 13.5 | 61.9 | 11.89 | 61.6 | 12.13 | 60.0 | 11.99 | 57.9 | 11.48 | 55.7 | 10.98 | 51.4 | 10.01 | 47.1 | 9.06 |
| 56.0 (140%) | -20.0 | -20.7 | 27.1 | 8.70 | 26.7 | 8.80 | 26.3 | 8.90 | 26.1 | 8.95 | 25.9 | 9.01 | 25.5 | 9.11 | 25.2 | 9.22 |
| | -15.0 | -16.0 | 30.8 | 9.15 | 30.5 | 9.28 | 30.2 | 9.40 | 30.0 | 9.47 | 29.9 | 9.53 | 29.6 | 9.66 | 29.3 | 9.79 |
| | -12.0 | -13.0 | 33.5 | 9.44 | 33.2 | 9.58 | 32.9 | 9.72 | 32.8 | 9.79 | 32.6 | 9.87 | 32.4 | 10.01 | 32.1 | 10.16 |
| | -9.0 | -10.0 | 36.3 | 9.73 | 36.0 | 9.89 | 35.8 | 10.04 | 35.6 | 10.12 | 35.5 | 10.20 | 35.3 | 10.36 | 35.0 | 10.52 |
| | -7.0 | -8.0 | 38.2 | 9.93 | 38.0 | 10.09 | 37.8 | 10.26 | 37.6 | 10.34 | 37.5 | 10.43 | 37.3 | 10.60 | 37.1 | 10.77 |
| | -5.0 | -6.0 | 40.3 | 10.13 | 40.0 | 10.30 | 39.8 | 10.48 | 39.7 | 10.57 | 39.6 | 10.66 | 39.3 | 10.83 | 39.1 | 11.01 |
| | -3.0 | -4.0 | 42.3 | 10.33 | 42.1 | 10.51 | 41.9 | 10.70 | 41.8 | 10.79 | 41.7 | 10.88 | 41.4 | 11.07 | 41.2 | 11.26 |
| | -1.0 | -2.0 | 44.4 | 10.53 | 44.2 | 10.72 | 44.0 | 10.92 | 43.9 | 11.02 | 43.8 | 11.11 | 43.5 | 11.31 | 43.3 | 11.51 |
| | 0.0 | -1.0 | 45.5 | 10.63 | 45.3 | 10.83 | 45.1 | 11.03 | 44.9 | 11.13 | 44.8 | 11.23 | 44.6 | 11.43 | 44.0 | 11.49 |
| | 2.0 | 1.0 | 47.7 | 10.84 | 47.5 | 11.05 | 47.2 | 11.25 | 47.1 | 11.35 | 47.0 | 11.46 | 46.7 | 11.67 | 44.0 | 10.98 |
| | 5.0 | 4.0 | 51.0 | 11.15 | 50.7 | 11.37 | 50.5 | 11.59 | 50.4 | 11.69 | 50.2 | 11.80 | 48.0 | 11.33 | 44.0 | 10.27 |
| | 7.0 | 6.0 | 53.2 | 11.36 | 52.9 | 11.58 | 52.7 | 11.81 | 52.5 | 11.92 | 52.0 | 11.90 | 48.0 | 10.85 | 44.0 | 9.83 |
| | 9.0 | 7.8 | 55.2 | 11.55 | 54.9 | 11.78 | 54.6 | 12.01 | 54.0 | 11.95 | 52.0 | 11.44 | 48.0 | 10.43 | 44.0 | 9.46 |
| | 12.0 | 10.6 | 58.4 | 11.84 | 58.0 | 12.08 | 56.0 | 11.75 | 54.0 | 11.26 | 52.0 | 10.77 | 48.0 | 9.83 | 44.0 | 8.92 |
| | 15.0 | 13.5 | 61.6 | 12.14 | 60.0 | 11.99 | 56.0 | 11.05 | 54.0 | 10.59 | 52.0 | 10.13 | 48.0 | 9.25 | 44.0 | 8.39 |
| 52.0 (130%) | -20.0 | -20.7 | 26.9 | 8.75 | 26.5 | 8.85 | 26.1 | 8.95 | 25.9 | 9.01 | 25.7 | 9.06 | 25.4 | 9.16 | 25.0 | 9.27 |
| | -15.0 | -16.0 | 30.6 | 9.23 | 30.3 | 9.35 | 30.0 | 9.48 | 29.9 | 9.54 | 29.7 | 9.60 | 29.4 | 9.73 | 29.1 | 9.86 |
| | -12.0 | -13.0 | 33.3 | 9.53 | 33.0 | 9.67 | 32.7 | 9.81 | 32.6 | 9.88 | 32.5 | 9.96 | 32.2 | 10.10 | 31.9 | 10.25 |
| | -9.0 | -10.0 | 36.1 | 9.84 | 35.8 | 10.00 | 35.6 | 10.15 | 35.5 | 10.23 | 35.4 | 10.31 | 35.1 | 10.47 | 34.9 | 10.63 |
| | -7.0 | -8.0 | 38.1 | 10.05 | 37.8 | 10.22 | 37.6 | 10.38 | 37.5 | 10.47 | 37.4 | 10.55 | 37.1 | 10.72 | 36.9 | 10.89 |
| | -5.0 | -6.0 | 40.1 | 10.26 | 39.8 | 10.44 | 39.6 | 10.61 | 39.5 | 10.70 | 39.4 | 10.79 | 39.2 | 10.97 | 38.9 | 11.15 |
| | -3.0 | -4.0 | 42.1 | 10.48 | 41.9 | 10.66 | 41.7 | 10.85 | 41.6 | 10.94 | 41.5 | 11.03 | 41.2 | 11.22 | 40.9 | 11.35 |
| | -1.0 | -2.0 | 44.3 | 10.70 | 44.0 | 10.89 | 43.8 | 11.08 | 43.7 | 11.18 | 43.6 | 11.28 | 43.3 | 11.47 | 40.9 | 10.82 |
| | 0.0 | -1.0 | 45.3 | 10.81 | 45.1 | 11.00 | 44.9 | 11.20 | 44.8 | 11.30 | 44.6 | 11.40 | 44.4 | 11.60 | 40.9 | 10.58 |
| | 2.0 | 1.0 | 47.5 | 11.03 | 47.2 | 11.23 | 47.0 | 11.44 | 46.9 | 11.54 | 46.8 | 11.65 | 44.6 | 11.14 | 40.9 | 10.11 |
| | 5.0 | 4.0 | 50.8 | 11.36 | 50.5 | 11.58 | 50.2 | 11.80 | 50.1 | 11.91 | 48.3 | 11.41 | 44.6 | 10.42 | 40.9 | 9.46 |
| | 7.0 | 6.0 | 52.9 | 11.59 | 52.7 | 11.81 | 52.0 | 11.90 | 50.1 | 11.41 | 48.3 | 10.92 | 44.6 | 9.98 | 40.9 | 9.06 |
| | 9.0 | 7.8 | 54.9 | 11.79 | 54.6 | 12.02 | 52.0 | 11.44 | 50.1 | 10.97 | 48.3 | 10.51 | 44.6 | 9.60 | 40.9 | 8.72 |
| | 12.0 | 10.6 | 58.0 | 12.11 | 55.7 | 11.68 | 52.0 | 10.77 | 50.1 | 10.33 | 48.3 | 9.90 | 44.6 | 9.04 | 40.9 | 8.22 |
| | 15.0 | 13.5 | 59.4 | 11.85 | 55.7 | 10.98 | 52.0 | 10.13 | 50.1 | 9.72 | 48.3 | 9.31 | 44.6 | 8.51 | 40.9 | 7.74 |
| 48.0 (120%) | -20.0 | -20.7 | 26.7 | 8.81 | 26.3 | 8.91 | 25.9 | 9.01 | 25.7 | 9.06 | 25.5 | 9.12 | 25.1 | 9.22 | 24.8 | 9.33 |
| | -15.0 | -16.0 | 30.4 | 9.31 | 30.1 | 9.44 | 29.8 | 9.56 | 29.7 | 9.63 | 29.5 | 9.69 | 29.2 | 9.82 | 28.9 | 9.95 |
| | -12.0 | -13.0 | 33.1 | 9.63 | 32.8 | 9.78 | 32.5 | 9.92 | 32.4 | 9.99 | 32.3 | 10.06 | 32.0 | 10.20 | 31.7 | 10.35 |
| | -9.0 | -10.0 | 35.9 | 9.97 | 35.7 | 10.12 | 35.4 | 10.28 | 35.3 | 10.36 | 35.2 | 10.44 | 34.9 | 10.60 | 34.7 | 10.76 |
| | -7.0 | -8.0 | 37.9 | 10.19 | 37.6 | 10.36 | 37.4 | 10.52 | 37.3 | 10.61 | 37.2 | 10.69 | 36.9 | 10.86 | 36.7 | 11.03 |
| | -5.0 | -6.0 | 39.9 | 10.42 | 39.6 | 10.59 | 39.4 | 10.77 | 39.3 | 10.86 | 39.2 | 10.95 | 39.0 | 11.13 | 37.7 | 10.89 |
| | -3.0 | -4.0 | 41.9 | 10.65 | 41.7 | 10.84 | 41.5 | 11.02 | 41.4 | 11.11 | 41.3 | 11.21 | 41.0 | 11.39 | 37.7 | 10.38 |
| | -1.0 | -2.0 | 44.0 | 10.89 | 43.8 | 11.08 | 43.6 | 11.27 | 43.5 | 11.37 | 43.4 | 11.47 | 41.1 | 10.91 | 37.7 | 9.91 |
| | 0.0 | -1.0 | 45.1 | 11.01 | 44.9 | 11.20 | 44.6 | 11.40 | 44.5 | 11.50 | 44.4 | 11.60 | 41.1 | 10.66 | 37.7 | 9.69 |
| | 2.0 | 1.0 | 47.2 | 11.24 | 47.0 | 11.45 | 46.8 | 11.66 | 46.3 | 11.63 | 44.6 | 11.14 | 41.1 | 10.19 | 37.7 | 9.26 |
| | 5.0 | 4.0 | 50.5 | 11.61 | 50.2 | 11.82 | 48.0 | 11.33 | 46.3 | 10.88 | 44.6 | 10.42 | 41.1 | 9.53 | 37.7 | 8.67 |
| | 7.0 | 6.0 | 52.6 | 11.85 | 51.4 | 11.74 | 48.0 | 10.85 | 46.3 | 10.41 | 44.6 | 9.98 | 41.1 | 9.13 | 37.7 | 8.30 |
| | 9.0 | 7.8 | 54.6 | 12.07 | 51.4 | 11.29 | 48.0 | 10.43 | 46.3 | 10.01 | 44.6 | 9.60 | 41.1 | 8.78 | 37.7 | 7.99 |
| | 12.0 | 10.6 | 54.9 | 11.47 | 51.4 | 10.64 | 48.0 | 9.83 | 46.3 | 9.43 | 44.6 | 9.04 | 41.1 | 8.28 | 37.7 | 7.53 |
| | 15.0 | 13.5 | 54.9 | 10.78 | 51.4 | 10.01 | 48.0 | 9.25 | 46.3 | 8.88 | 44.6 | 8.51 | 41.1 | 7.79 | 37.7 | 7.10 |
| 44.0 (110%) | -20.0 | -20.7 | 26.4 | 8.88 | 26.0 | 8.98 | 25.6 | 9.08 | 25.5 | 9.13 | 25.3 | 9.19 | 24.9 | 9.29 | 24.5 | 9.39 |
| | -15.0 | -16.0 | 30.2 | 9.41 | 29.9 | 9.54 | 29.6 | 9.66 | 29.4 | 9.73 | 29.3 | 9.79 | 29.0 | 9.92 | 28.7 | 10.05 |
| | -12.0 | -13.0 | 32.8 | 9.76 | 32.6 | 9.90 | 32.3 | 10.04 | 32.2 | 10.11 | 32.0 | 10.18 | 31.8 | 10.33 | 31.5 | 10.47 |
| | -9.0 | -10.0 | 35.7 | 10.11 | 35.4 | 10.27 | 35.2 | 10.43 | 35.1 | 10.50 | 34.9 | 10.58 | 34.7 | 10.74 | 34.5 | 10.90 |
| | -7.0 | -8.0 | 37.6 | 10.36 | 37.4 | 10.52 | 37.2 | 10.69 | 37.0 | 10.77 | 36.9 | 10.86 | 36.7 | 11.03 | 34.6 | 10.40 |
| | -5.0 | -6.0 | 39.6 | 10.60 | 39.4 | 10.78 | 39.2 | 10.95 | 39.1 | 11.04 | 39.0 | 11.13 | 37.7 | 10.89 | 34.6 | 9.90 |
| | -3.0 | -4.0 | 41.7 | 10.85 | 41.5 | 11.04 | 41.2 | 11.22 | 41.1 | 11.32 | 40.9 | 11.35 | 37.7 | 10.38 | 34.6 | 9.44 |
| | -1.0 | -2.0 | 43.8 | 11.11 | 43.5 | 11.30 | 43.3 | 11.50 | 42.4 | 11.29 | 40.9 | 10.83 | 37.7 | 9.91 | 34.6 | 9.02 |
| | 0.0 | -1.0 | 44.8 | 11.24 | 44.6 | 11.44 | 44.0 | 11.49 | 42.4 | 11.03 | 40.9 | 10.58 | 37.7 | 9.68 | 34.6 | 8.81 |
| | 2.0 | 1.0 | 46.9 | 11.50 | 46.7 | 11.71 | 44.0 | 10.98 | 42.4 | 10.54 | 40.9 | 10.11 | 37.7 | 9.26 | 34.6 | 8.43 |
| | 5.0 | 4.0 | 50.1 | 11.90 | 47.1 | 11.10 | 44.0 | 10.27 | 42.4 | 9.86 | 40.9 | 9.46 | 37.7 | 8.67 | 34.6 | 7.89 |
| | 7.0 | 6.0 | 50.3 | 11.44 | 47.1 | 10.63 | 44.0 | 9.83 | 42.4 | 9.44 | 40.9 | 9.06 | 37.7 | 8.30 | 34.6 | 7.56 |
| | 9.0 | 7.8 | 50.3 | 11.01 | 47.1 | 10.22 | 44.0 | 9.46 | 42.4 | 9.09 | 40.9 | 8.72 | 37.7 | 7.99 | 34.6 | 7.28 |
| | 12.0 | 10.6 | 50.3 | 10.37 | 47.1 | 9.63 | 44.0 | 8.92 | 42.4 | 8.56 | 40.9 | 8.22 | 37.7 | 7.53 | 34.6 | 6.87 |
| | 15.0 | 13.5 | 50.3 | 9.75 | 47.1 | 9.06 | 44.0 | 8.39 | 42.4 | 8.06 | 40.9 | 7.74 | 37.7 | 7.10 | 34.6 | 6.47 |

MODEL SELECTION

| Heating capacity at rated condition: 45.0 kW (14HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 40.0 (100%) | -20.0 | -20.7 | 26.1 | 8.97 | 25.7 | 9.06 | 25.3 | 9.17 | 25.2 | 9.22 | 25.0 | 9.27 | 24.6 | 9.37 | 24.3 | 9.48 |
| | -15.0 | -16.0 | 29.9 | 9.53 | 29.6 | 9.65 | 29.3 | 9.78 | 29.2 | 9.84 | 29.0 | 9.91 | 28.7 | 10.04 | 28.4 | 10.17 |
| | -12.0 | -13.0 | 32.6 | 9.90 | 32.3 | 10.04 | 32.0 | 10.19 | 31.9 | 10.26 | 31.8 | 10.33 | 31.5 | 10.47 | 31.3 | 10.62 |
| | -9.0 | -10.0 | 35.4 | 10.29 | 35.2 | 10.44 | 34.9 | 10.60 | 34.8 | 10.68 | 34.7 | 10.76 | 34.3 | 10.85 | 31.4 | 9.87 |
| | -7.0 | -8.0 | 37.4 | 10.55 | 37.1 | 10.72 | 36.9 | 10.89 | 36.8 | 10.97 | 36.7 | 11.05 | 34.3 | 10.31 | 31.4 | 9.39 |
| | -5.0 | -6.0 | 39.4 | 10.82 | 39.1 | 11.00 | 38.9 | 11.17 | 38.6 | 11.17 | 37.1 | 10.71 | 34.3 | 9.82 | 31.4 | 8.94 |
| | -3.0 | -4.0 | 41.4 | 11.10 | 41.2 | 11.28 | 40.0 | 11.08 | 38.6 | 10.64 | 37.1 | 10.21 | 34.3 | 9.36 | 31.4 | 8.53 |
| | -1.0 | -2.0 | 43.5 | 11.38 | 42.9 | 11.42 | 40.0 | 10.57 | 38.6 | 10.16 | 37.1 | 9.74 | 34.3 | 8.94 | 31.4 | 8.15 |
| | 0.0 | -1.0 | 44.5 | 11.52 | 42.9 | 11.16 | 40.0 | 10.33 | 38.6 | 9.93 | 37.1 | 9.52 | 34.3 | 8.74 | 31.4 | 7.96 |
| | 2.0 | 1.0 | 45.7 | 11.47 | 42.9 | 10.66 | 40.0 | 9.87 | 38.6 | 9.49 | 37.1 | 9.10 | 34.3 | 8.35 | 31.4 | 7.62 |
| | 5.0 | 4.0 | 45.7 | 10.72 | 42.9 | 9.97 | 40.0 | 9.24 | 38.6 | 8.88 | 37.1 | 8.52 | 34.3 | 7.82 | 31.4 | 7.14 |
| | 7.0 | 6.0 | 45.7 | 10.26 | 42.9 | 9.55 | 40.0 | 8.85 | 38.6 | 8.51 | 37.1 | 8.17 | 34.3 | 7.50 | 31.4 | 6.84 |
| | 9.0 | 7.8 | 45.7 | 9.87 | 42.9 | 9.19 | 40.0 | 8.52 | 38.6 | 8.19 | 37.1 | 7.86 | 34.3 | 7.22 | 31.4 | 6.59 |
| | 12.0 | 10.6 | 45.7 | 9.30 | 42.9 | 8.66 | 40.0 | 8.03 | 38.6 | 7.72 | 37.1 | 7.41 | 34.3 | 6.81 | 31.4 | 6.22 |
| | 15.0 | 13.5 | 45.7 | 8.76 | 42.9 | 8.15 | 40.0 | 7.56 | 38.6 | 7.27 | 37.1 | 6.98 | 34.3 | 6.42 | 31.4 | 5.86 |
| 36.0 (90%) | -20.0 | -20.7 | 25.7 | 9.06 | 25.3 | 9.16 | 25.0 | 9.27 | 24.8 | 9.32 | 24.6 | 9.37 | 24.3 | 9.47 | 23.9 | 9.58 |
| | -15.0 | -16.0 | 29.5 | 9.67 | 29.3 | 9.80 | 29.0 | 9.92 | 28.8 | 9.99 | 28.7 | 10.05 | 28.4 | 10.18 | 28.1 | 10.31 |
| | -12.0 | -13.0 | 32.2 | 10.08 | 32.0 | 10.22 | 31.7 | 10.36 | 31.6 | 10.43 | 31.5 | 10.51 | 30.9 | 10.48 | 28.3 | 9.55 |
| | -9.0 | -10.0 | 35.1 | 10.50 | 34.8 | 10.66 | 34.6 | 10.82 | 34.5 | 10.89 | 33.4 | 10.55 | 30.9 | 9.68 | 28.3 | 8.83 |
| | -7.0 | -8.0 | 37.0 | 10.79 | 36.8 | 10.96 | 36.0 | 10.88 | 34.7 | 10.45 | 33.4 | 10.03 | 30.9 | 9.20 | 28.3 | 8.40 |
| | -5.0 | -6.0 | 39.0 | 11.09 | 38.6 | 11.17 | 36.0 | 10.35 | 34.7 | 9.95 | 33.4 | 9.55 | 30.9 | 8.77 | 28.3 | 8.00 |
| | -3.0 | -4.0 | 41.0 | 11.39 | 38.6 | 10.64 | 36.0 | 9.87 | 34.7 | 9.49 | 33.4 | 9.11 | 30.9 | 8.36 | 28.3 | 7.64 |
| | -1.0 | -2.0 | 41.1 | 10.91 | 38.6 | 10.16 | 36.0 | 9.42 | 34.7 | 9.06 | 33.4 | 8.70 | 30.9 | 7.99 | 28.3 | 7.30 |
| | 0.0 | -1.0 | 41.1 | 10.66 | 38.6 | 9.93 | 36.0 | 9.21 | 34.7 | 8.85 | 33.4 | 8.50 | 30.9 | 7.81 | 28.3 | 7.14 |
| | 2.0 | 1.0 | 41.1 | 10.19 | 38.6 | 9.49 | 36.0 | 8.80 | 34.7 | 8.47 | 33.4 | 8.13 | 30.9 | 7.47 | 28.3 | 6.83 |
| | 5.0 | 4.0 | 41.1 | 9.53 | 38.6 | 8.88 | 36.0 | 8.24 | 34.7 | 7.93 | 33.4 | 7.62 | 30.9 | 7.01 | 28.3 | 6.41 |
| | 7.0 | 6.0 | 41.1 | 9.13 | 38.6 | 8.51 | 36.0 | 7.90 | 34.7 | 7.60 | 33.4 | 7.30 | 30.9 | 6.72 | 28.3 | 6.14 |
| | 9.0 | 7.8 | 41.1 | 8.78 | 38.6 | 8.19 | 36.0 | 7.60 | 34.7 | 7.31 | 33.4 | 7.03 | 30.9 | 6.47 | 28.3 | 5.92 |
| | 12.0 | 10.6 | 41.1 | 8.28 | 38.6 | 7.72 | 36.0 | 7.17 | 34.7 | 6.90 | 33.4 | 6.63 | 30.9 | 6.11 | 28.3 | 5.59 |
| | 15.0 | 13.5 | 41.1 | 7.79 | 38.6 | 7.27 | 36.0 | 6.75 | 34.7 | 6.50 | 33.4 | 6.25 | 30.9 | 5.76 | 28.3 | 5.27 |
| 32.0 (80%) | -20.0 | -20.7 | 25.3 | 9.19 | 24.9 | 9.29 | 24.6 | 9.39 | 24.4 | 9.44 | 24.2 | 9.49 | 23.9 | 9.59 | 23.6 | 9.70 |
| | -15.0 | -16.0 | 29.1 | 9.85 | 28.9 | 9.98 | 28.6 | 10.10 | 28.4 | 10.17 | 28.3 | 10.23 | 27.4 | 10.05 | 25.1 | 9.17 |
| | -12.0 | -13.0 | 31.8 | 10.30 | 31.6 | 10.44 | 31.3 | 10.58 | 30.9 | 10.48 | 29.7 | 10.06 | 27.4 | 9.24 | 25.1 | 8.44 |
| | -9.0 | -10.0 | 34.7 | 10.77 | 34.3 | 10.85 | 32.0 | 10.07 | 30.9 | 9.68 | 29.7 | 9.30 | 27.4 | 8.55 | 25.1 | 7.81 |
| | -7.0 | -8.0 | 36.6 | 11.07 | 34.3 | 10.31 | 32.0 | 9.57 | 30.9 | 9.20 | 29.7 | 8.84 | 27.4 | 8.13 | 25.1 | 7.43 |
| | -5.0 | -6.0 | 36.6 | 10.53 | 34.3 | 9.82 | 32.0 | 9.11 | 30.9 | 8.77 | 29.7 | 8.43 | 27.4 | 7.75 | 25.1 | 7.09 |
| | -3.0 | -4.0 | 36.6 | 10.04 | 34.3 | 9.36 | 32.0 | 8.69 | 30.9 | 8.36 | 29.7 | 8.04 | 27.4 | 7.40 | 25.1 | 6.77 |
| | -1.0 | -2.0 | 36.6 | 9.58 | 34.3 | 8.94 | 32.0 | 8.30 | 30.9 | 7.99 | 29.7 | 7.68 | 27.4 | 7.07 | 25.1 | 6.47 |
| | 0.0 | -1.0 | 36.6 | 9.36 | 34.3 | 8.74 | 32.0 | 8.12 | 30.9 | 7.81 | 29.7 | 7.51 | 27.4 | 6.92 | 25.1 | 6.33 |
| | 2.0 | 1.0 | 36.6 | 8.95 | 34.3 | 8.35 | 32.0 | 7.76 | 30.9 | 7.47 | 29.7 | 7.19 | 27.4 | 6.62 | 25.1 | 6.06 |
| | 5.0 | 4.0 | 36.6 | 8.38 | 34.3 | 7.82 | 32.0 | 7.28 | 30.9 | 7.01 | 29.7 | 6.74 | 27.4 | 6.21 | 25.1 | 5.69 |
| | 7.0 | 6.0 | 36.6 | 8.03 | 34.3 | 7.50 | 32.0 | 6.97 | 30.9 | 6.72 | 29.7 | 6.46 | 27.4 | 5.95 | 25.1 | 5.46 |
| | 9.0 | 7.8 | 36.6 | 7.73 | 34.3 | 7.22 | 32.0 | 6.72 | 30.9 | 6.47 | 29.7 | 6.22 | 27.4 | 5.74 | 25.1 | 5.26 |
| | 12.0 | 10.6 | 36.6 | 7.29 | 34.3 | 6.81 | 32.0 | 6.34 | 30.9 | 6.11 | 29.7 | 5.87 | 27.4 | 5.42 | 25.1 | 4.97 |
| | 15.0 | 13.5 | 36.6 | 6.87 | 34.3 | 6.42 | 32.0 | 5.97 | 30.9 | 5.76 | 29.7 | 5.54 | 27.4 | 5.11 | 25.1 | 4.70 |
| 28.0 (70%) | -20.0 | -20.7 | 24.7 | 9.34 | 24.4 | 9.44 | 24.1 | 9.54 | 23.9 | 9.59 | 23.7 | 9.64 | 23.4 | 9.75 | 22.0 | 9.22 |
| | -15.0 | -16.0 | 28.6 | 10.07 | 28.4 | 10.20 | 28.0 | 10.28 | 27.0 | 9.89 | 26.0 | 9.50 | 24.0 | 8.74 | 22.0 | 7.99 |
| | -12.0 | -13.0 | 31.3 | 10.58 | 30.0 | 10.17 | 28.0 | 9.45 | 27.0 | 9.09 | 26.0 | 8.74 | 24.0 | 8.04 | 22.0 | 7.36 |
| | -9.0 | -10.0 | 32.0 | 10.07 | 30.0 | 9.39 | 28.0 | 8.73 | 27.0 | 8.41 | 26.0 | 8.08 | 24.0 | 7.44 | 22.0 | 6.82 |
| | -7.0 | -8.0 | 32.0 | 9.57 | 30.0 | 8.93 | 28.0 | 8.31 | 27.0 | 8.00 | 26.0 | 7.69 | 24.0 | 7.09 | 22.0 | 6.49 |
| | -5.0 | -6.0 | 32.0 | 9.11 | 30.0 | 8.51 | 28.0 | 7.92 | 27.0 | 7.62 | 26.0 | 7.33 | 24.0 | 6.76 | 22.0 | 6.20 |
| | -3.0 | -4.0 | 32.0 | 8.69 | 30.0 | 8.12 | 28.0 | 7.56 | 27.0 | 7.28 | 26.0 | 7.00 | 24.0 | 6.46 | 22.0 | 5.92 |
| | -1.0 | -2.0 | 32.0 | 8.30 | 30.0 | 7.76 | 28.0 | 7.22 | 27.0 | 6.96 | 26.0 | 6.69 | 24.0 | 6.18 | 22.0 | 5.67 |
| | 0.0 | -1.0 | 32.0 | 8.12 | 30.0 | 7.59 | 28.0 | 7.06 | 27.0 | 6.80 | 26.0 | 6.55 | 24.0 | 6.04 | 22.0 | 5.55 |
| | 2.0 | 1.0 | 32.0 | 7.76 | 30.0 | 7.26 | 28.0 | 6.76 | 27.0 | 6.51 | 26.0 | 6.27 | 24.0 | 5.79 | 22.0 | 5.31 |
| | 5.0 | 4.0 | 32.0 | 7.28 | 30.0 | 6.80 | 28.0 | 6.34 | 27.0 | 6.11 | 26.0 | 5.88 | 24.0 | 5.43 | 22.0 | 4.99 |
| | 7.0 | 6.0 | 32.0 | 6.97 | 30.0 | 6.52 | 28.0 | 6.08 | 27.0 | 5.86 | 26.0 | 5.64 | 24.0 | 5.22 | 22.0 | 4.79 |
| | 9.0 | 7.8 | 32.0 | 6.72 | 30.0 | 6.28 | 28.0 | 5.86 | 27.0 | 5.65 | 26.0 | 5.44 | 24.0 | 5.03 | 22.0 | 4.62 |
| | 12.0 | 10.6 | 32.0 | 6.34 | 30.0 | 5.93 | 28.0 | 5.53 | 27.0 | 5.34 | 26.0 | 5.14 | 24.0 | 4.75 | 22.0 | 4.37 |
| | 15.0 | 13.5 | 32.0 | 5.97 | 30.0 | 5.59 | 28.0 | 5.22 | 27.0 | 5.03 | 26.0 | 4.85 | 24.0 | 4.49 | 22.0 | 4.13 |
| 24.0 (60%) | -20.0 | -20.7 | 24.1 | 9.54 | 23.7 | 9.64 | 23.4 | 9.74 | 23.1 | 9.72 | 22.3 | 9.34 | 20.6 | 8.60 | 18.9 | 7.87 |
| | -15.0 | -16.0 | 27.4 | 10.05 | 25.7 | 9.39 | 24.0 | 8.74 | 23.1 | 8.41 | 22.3 | 8.09 | 20.6 | 7.46 | 18.9 | 6.84 |
| | -12.0 | -13.0 | 27.4 | 9.24 | 25.7 | 8.64 | 24.0 | 8.04 | 23.1 | 7.75 | 22.3 | 7.45 | 20.6 | 6.88 | 18.9 | 6.31 |
| | -9.0 | -10.0 | 27.4 | 8.55 | 25.7 | 7.99 | 24.0 | 7.44 | 23.1 | 7.17 | 22.3 | 6.91 | 20.6 | 6.37 | 18.9 | 5.85 |
| | -7.0 | -8.0 | 27.4 | 8.13 | 25.7 | 7.61 | 24.0 | 7.09 | 23.1 | 6.83 | 22.3 | 6.58 | 20.6 | 6.08 | 18.9 | 5.58 |
| | -5.0 | -6.0 | 27.4 | 7.75 | 25.7 | 7.25 | 24.0 | 6.76 | 23.1 | 6.52 | 22.3 | 6.28 | 20.6 | 5.80 | 18.9 | 5.33 |
| | -3.0 | -4.0 | 27.4 | 7.40 | 25.7 | 6.92 | 24.0 | 6.46 | 23.1 | 6.23 | 22.3 | 6.00 | 20.6 | 5.55 | 18.9 | 5.10 |
| | -1.0 | -2.0 | 27.4 | 7.07 | 25.7 | 6.62 | 24.0 | 6.18 | 23.1 | 5.96 | 22.3 | 5.74 | 20.6 | 5.31 | 18.9 | 4.88 |
| | 0.0 | -1.0 | 27.4 | 6.92 | 25.7 | 6.48 | 24.0 | 6.04 | 23.1 | 5.83 | 22.3 | 5.62 | 20.6 | 5.20 | 18.9 | 4.78 |
| | 2.0 | 1.0 | 27.4 | 6.62 | 25.7 | 6.20 | 24.0 | 5.79 | 23.1 | 5.58 | 22.3 | 5.38 | 20.6 | 4.98 | 18.9 | 4.59 |
| | 5.0 | 4.0 | 27.4 | 6.21 | 25.7 | 5.82 | 24.0 | 5.43 | 23.1 | 5.24 | 22.3 | 5.06 | 20.6 | 4.68 | 18.9 | 4.31 |
| | 7.0 | 6.0 | 27.4 | 5.95 | 25.7 | 5.58 | 24.0 | 5.22 | 23.1 | 5.03 | 22.3 | 4.85 | 20.6 | 4.50 | 18.9 | 4.15 |
| | 9.0 | 7.8 | 27.4 | 5.74 | 25.7 | 5.38 | 24.0 | 5.03 | 23.1 | 4.85 | 22.3 | 4.68 | 20.6 | 4.34 | 18.9 | 4.00 |
| | 12.0 | 10.6 | 27.4 | 5.42 | 25.7 | 5.09 | 24.0 | 4.75 | 23.1 | 4.59 | 22.3 | 4.43 | 20.6 | 4.11 | 18.9 | 3.79 |
| | 15.0 | 13.5 | 27.4 | 5.11 | 25.7 | 4.80 | 24.0 | 4.49 | 23.1 | 4.34 | 22.3 | 4.18 | 20.6 | 3.88 | 18.9 | 3.59 |

MODEL SELECTION

| Heating capacity at rated condition: 45.0 kW (14HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 20.0 (50%) | -20.0 | -20.7 | 22.9 | 9.60 | 21.4 | 8.97 | 20.0 | 8.36 | 19.3 | 8.05 | 18.6 | 7.75 | 17.1 | 7.15 | 15.7 | 6.56 |
| | -15.0 | -16.0 | 22.9 | 8.31 | 21.4 | 7.78 | 20.0 | 7.25 | 19.3 | 6.99 | 18.6 | 6.73 | 17.1 | 6.22 | 15.7 | 5.72 |
| | -12.0 | -13.0 | 22.9 | 7.65 | 21.4 | 7.16 | 20.0 | 6.69 | 19.3 | 6.45 | 18.6 | 6.21 | 17.1 | 5.75 | 15.7 | 5.29 |
| | -9.0 | -10.0 | 22.9 | 7.08 | 21.4 | 6.64 | 20.0 | 6.20 | 19.3 | 5.98 | 18.6 | 5.77 | 17.1 | 5.34 | 15.7 | 4.91 |
| | -7.0 | -8.0 | 22.9 | 6.75 | 21.4 | 6.33 | 20.0 | 5.91 | 19.3 | 5.70 | 18.6 | 5.50 | 17.1 | 5.09 | 15.7 | 4.69 |
| | -5.0 | -6.0 | 22.9 | 6.44 | 21.4 | 6.04 | 20.0 | 5.64 | 19.3 | 5.45 | 18.6 | 5.25 | 17.1 | 4.87 | 15.7 | 4.49 |
| | -3.0 | -4.0 | 22.9 | 6.15 | 21.4 | 5.77 | 20.0 | 5.40 | 19.3 | 5.21 | 18.6 | 5.03 | 17.1 | 4.66 | 15.7 | 4.30 |
| | -1.0 | -2.0 | 22.9 | 5.88 | 21.4 | 5.52 | 20.0 | 5.17 | 19.3 | 4.99 | 18.6 | 4.81 | 17.1 | 4.47 | 15.7 | 4.12 |
| | 0.0 | -1.0 | 22.9 | 5.76 | 21.4 | 5.40 | 20.0 | 5.06 | 19.3 | 4.88 | 18.6 | 4.71 | 17.1 | 4.37 | 15.7 | 4.04 |
| | 2.0 | 1.0 | 22.9 | 5.52 | 21.4 | 5.18 | 20.0 | 4.85 | 19.3 | 4.68 | 18.6 | 4.52 | 17.1 | 4.20 | 15.7 | 3.88 |
| | 5.0 | 4.0 | 22.9 | 5.18 | 21.4 | 4.87 | 20.0 | 4.56 | 19.3 | 4.41 | 18.6 | 4.25 | 17.1 | 3.95 | 15.7 | 3.65 |
| | 7.0 | 6.0 | 22.9 | 4.97 | 21.4 | 4.68 | 20.0 | 4.38 | 19.3 | 4.23 | 18.6 | 4.09 | 17.1 | 3.80 | 15.7 | 3.52 |
| | 9.0 | 7.8 | 22.9 | 4.80 | 21.4 | 4.51 | 20.0 | 4.23 | 19.3 | 4.09 | 18.6 | 3.95 | 17.1 | 3.67 | 15.7 | 3.40 |
| | 12.0 | 10.6 | 22.9 | 4.54 | 21.4 | 4.27 | 20.0 | 4.00 | 19.3 | 3.87 | 18.6 | 3.74 | 17.1 | 3.48 | 15.7 | 3.22 |
| | 15.0 | 13.5 | 22.9 | 4.29 | 21.4 | 4.03 | 20.0 | 3.78 | 19.3 | 3.66 | 18.6 | 3.54 | 17.1 | 3.30 | 15.7 | 3.06 |

# ■ Model: AJ∗144GALDH

| Heating capacity at rated condition: 50.0 kW (16HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 67.5 (150%) | -20.0 | -20.7 | 27.4 | 9.01 | 27.0 | 9.12 | 26.6 | 9.23 | 26.4 | 9.29 | 26.2 | 9.35 | 25.9 | 9.46 | 25.5 | 9.58 |
| | -15.0 | -16.0 | 31.2 | 9.45 | 30.9 | 9.59 | 30.6 | 9.73 | 30.4 | 9.80 | 30.3 | 9.87 | 30.0 | 10.01 | 29.7 | 10.16 |
| | -12.0 | -13.0 | 33.9 | 9.72 | 33.7 | 9.88 | 33.4 | 10.04 | 33.3 | 10.12 | 33.1 | 10.20 | 32.9 | 10.36 | 32.6 | 10.52 |
| | -9.0 | -10.0 | 36.8 | 10.00 | 36.6 | 10.17 | 36.4 | 10.35 | 36.2 | 10.43 | 36.1 | 10.52 | 35.9 | 10.70 | 35.6 | 10.88 |
| | -7.0 | -8.0 | 38.9 | 10.18 | 38.6 | 10.37 | 38.4 | 10.55 | 38.3 | 10.65 | 38.2 | 10.74 | 38.0 | 10.93 | 37.7 | 11.11 |
| | -5.0 | -6.0 | 41.0 | 10.37 | 40.8 | 10.56 | 40.5 | 10.76 | 40.4 | 10.86 | 40.3 | 10.96 | 40.1 | 11.15 | 39.9 | 11.35 |
| | -3.0 | -4.0 | 43.1 | 10.56 | 42.9 | 10.76 | 42.7 | 10.97 | 42.6 | 11.07 | 42.5 | 11.17 | 42.3 | 11.38 | 42.0 | 11.59 |
| | -1.0 | -2.0 | 45.4 | 10.75 | 45.1 | 10.96 | 44.9 | 11.17 | 44.8 | 11.28 | 44.7 | 11.39 | 44.5 | 11.61 | 44.2 | 11.82 |
| | 0.0 | -1.0 | 46.5 | 10.84 | 46.3 | 11.06 | 46.0 | 11.28 | 45.9 | 11.39 | 45.8 | 11.50 | 45.6 | 11.72 | 45.4 | 11.94 |
| | 2.0 | 1.0 | 48.8 | 11.03 | 48.5 | 11.26 | 48.3 | 11.48 | 48.2 | 11.60 | 48.1 | 11.71 | 47.8 | 11.94 | 47.6 | 12.17 |
| | 5.0 | 4.0 | 52.3 | 11.31 | 52.0 | 11.55 | 51.8 | 11.79 | 51.6 | 11.91 | 51.5 | 12.03 | 51.2 | 12.28 | 51.0 | 12.52 |
| | 7.0 | 6.0 | 54.6 | 11.50 | 54.3 | 11.75 | 54.1 | 12.00 | 53.9 | 12.12 | 53.8 | 12.25 | 53.5 | 12.50 | 53.0 | 12.68 |
| | 9.0 | 7.8 | 56.8 | 11.67 | 56.5 | 11.93 | 56.2 | 12.18 | 56.0 | 12.31 | 55.9 | 12.44 | 55.6 | 12.70 | 53.0 | 12.20 |
| | 12.0 | 10.6 | 60.1 | 11.94 | 59.8 | 12.20 | 59.4 | 12.47 | 59.3 | 12.60 | 59.1 | 12.73 | 57.9 | 12.70 | 53.0 | 11.48 |
| | 15.0 | 13.5 | 63.6 | 12.21 | 63.2 | 12.48 | 62.8 | 12.75 | 62.6 | 12.89 | 62.4 | 13.03 | 57.9 | 11.94 | 53.0 | 10.80 |
| 63.0 (140%) | -20.0 | -20.7 | 27.2 | 9.06 | 26.9 | 9.17 | 26.5 | 9.28 | 26.3 | 9.34 | 26.1 | 9.39 | 25.7 | 9.51 | 25.3 | 9.62 |
| | -15.0 | -16.0 | 31.1 | 9.51 | 30.8 | 9.65 | 30.5 | 9.79 | 30.3 | 9.86 | 30.2 | 9.93 | 29.9 | 10.08 | 29.6 | 10.22 |
| | -12.0 | -13.0 | 33.8 | 9.80 | 33.5 | 9.96 | 33.3 | 10.12 | 33.1 | 10.19 | 33.0 | 10.27 | 32.7 | 10.43 | 32.5 | 10.60 |
| | -9.0 | -10.0 | 36.7 | 10.09 | 36.5 | 10.27 | 36.2 | 10.44 | 36.1 | 10.53 | 36.0 | 10.62 | 35.8 | 10.79 | 35.5 | 10.97 |
| | -7.0 | -8.0 | 38.7 | 10.29 | 38.5 | 10.47 | 38.3 | 10.66 | 38.2 | 10.75 | 38.1 | 10.84 | 37.8 | 11.03 | 37.6 | 11.22 |
| | -5.0 | -6.0 | 40.8 | 10.49 | 40.6 | 10.68 | 40.4 | 10.88 | 40.3 | 10.98 | 40.2 | 11.07 | 40.0 | 11.27 | 39.7 | 11.47 |
| | -3.0 | -4.0 | 43.0 | 10.69 | 42.8 | 10.89 | 42.6 | 11.10 | 42.5 | 11.20 | 42.3 | 11.30 | 42.1 | 11.51 | 41.9 | 11.72 |
| | -1.0 | -2.0 | 45.2 | 10.89 | 45.0 | 11.10 | 44.8 | 11.32 | 44.7 | 11.42 | 44.5 | 11.53 | 44.3 | 11.75 | 44.1 | 11.97 |
| | 0.0 | -1.0 | 46.3 | 10.99 | 46.1 | 11.21 | 45.9 | 11.43 | 45.8 | 11.54 | 45.7 | 11.65 | 45.4 | 11.87 | 45.2 | 12.09 |
| | 2.0 | 1.0 | 48.6 | 11.19 | 48.4 | 11.42 | 48.1 | 11.65 | 48.0 | 11.76 | 47.9 | 11.88 | 47.7 | 12.11 | 47.4 | 12.34 |
| | 5.0 | 4.0 | 52.1 | 11.50 | 51.8 | 11.74 | 51.6 | 11.98 | 51.4 | 12.10 | 51.3 | 12.22 | 51.0 | 12.46 | 49.5 | 12.25 |
| | 7.0 | 6.0 | 54.4 | 11.70 | 54.1 | 11.95 | 53.9 | 12.20 | 53.7 | 12.32 | 53.6 | 12.45 | 53.3 | 12.70 | 49.5 | 11.72 |
| | 9.0 | 7.8 | 56.5 | 11.89 | 56.2 | 12.14 | 55.9 | 12.39 | 55.8 | 12.52 | 55.6 | 12.65 | 54.0 | 12.45 | 49.5 | 11.28 |
| | 12.0 | 10.6 | 59.8 | 12.17 | 59.5 | 12.43 | 59.1 | 12.70 | 59.0 | 12.83 | 58.5 | 12.86 | 54.0 | 11.72 | 49.5 | 10.62 |
| | 15.0 | 13.5 | 63.2 | 12.46 | 62.8 | 12.73 | 62.5 | 13.01 | 60.8 | 12.64 | 58.5 | 12.09 | 54.0 | 11.02 | 49.5 | 9.99 |
| 58.5 (130%) | -20.0 | -20.7 | 27.1 | 9.11 | 26.7 | 9.22 | 26.3 | 9.33 | 26.1 | 9.39 | 25.9 | 9.44 | 25.5 | 9.56 | 25.2 | 9.68 |
| | -15.0 | -16.0 | 30.9 | 9.59 | 30.6 | 9.72 | 30.3 | 9.86 | 30.2 | 9.93 | 30.0 | 10.01 | 29.7 | 10.15 | 29.4 | 10.29 |
| | -12.0 | -13.0 | 33.6 | 9.89 | 33.4 | 10.05 | 33.1 | 10.21 | 33.0 | 10.28 | 32.8 | 10.36 | 32.6 | 10.52 | 32.3 | 10.69 |
| | -9.0 | -10.0 | 36.6 | 10.20 | 36.3 | 10.37 | 36.1 | 10.55 | 36.0 | 10.64 | 35.8 | 10.72 | 35.6 | 10.90 | 35.4 | 11.08 |
| | -7.0 | -8.0 | 38.6 | 10.41 | 38.4 | 10.59 | 38.1 | 10.78 | 38.0 | 10.87 | 37.9 | 10.97 | 37.7 | 11.15 | 37.5 | 11.34 |
| | -5.0 | -6.0 | 40.7 | 10.62 | 40.5 | 10.82 | 40.3 | 11.01 | 40.1 | 11.11 | 40.0 | 11.21 | 39.8 | 11.41 | 39.6 | 11.60 |
| | -3.0 | -4.0 | 42.8 | 10.84 | 42.6 | 11.04 | 42.4 | 11.25 | 42.3 | 11.35 | 42.2 | 11.45 | 42.0 | 11.66 | 41.7 | 11.87 |
| | -1.0 | -2.0 | 45.0 | 11.05 | 44.8 | 11.27 | 44.6 | 11.48 | 44.5 | 11.59 | 44.4 | 11.70 | 44.2 | 11.91 | 43.9 | 12.13 |
| | 0.0 | -1.0 | 46.2 | 11.16 | 45.9 | 11.38 | 45.7 | 11.60 | 45.6 | 11.71 | 45.5 | 11.82 | 45.3 | 12.04 | 45.0 | 12.26 |
| | 2.0 | 1.0 | 48.4 | 11.38 | 48.2 | 11.61 | 47.9 | 11.83 | 47.8 | 11.95 | 47.7 | 12.06 | 47.5 | 12.29 | 46.0 | 12.06 |
| | 5.0 | 4.0 | 51.8 | 11.71 | 51.6 | 11.95 | 51.3 | 12.19 | 51.2 | 12.31 | 51.1 | 12.43 | 50.1 | 12.43 | 46.0 | 11.27 |
| | 7.0 | 6.0 | 54.1 | 11.93 | 53.9 | 12.18 | 53.6 | 12.43 | 53.5 | 12.55 | 53.3 | 12.67 | 50.1 | 11.90 | 46.0 | 10.79 |
| | 9.0 | 7.8 | 56.2 | 12.13 | 55.9 | 12.38 | 55.6 | 12.64 | 55.5 | 12.76 | 54.3 | 12.54 | 50.1 | 11.44 | 46.0 | 10.38 |
| | 12.0 | 10.6 | 59.5 | 12.44 | 59.1 | 12.70 | 58.5 | 12.86 | 56.4 | 12.33 | 54.3 | 11.80 | 50.1 | 10.78 | 46.0 | 9.78 |
| | 15.0 | 13.5 | 62.8 | 12.75 | 62.4 | 13.02 | 58.5 | 12.09 | 56.4 | 11.59 | 54.3 | 11.10 | 50.1 | 10.13 | 46.0 | 9.20 |
| 54.0 (120%) | -20.0 | -20.7 | 26.9 | 9.17 | 26.5 | 9.28 | 26.1 | 9.39 | 25.9 | 9.45 | 25.7 | 9.50 | 25.4 | 9.62 | 25.0 | 9.73 |
| | -15.0 | -16.0 | 30.7 | 9.67 | 30.4 | 9.81 | 30.1 | 9.95 | 30.0 | 10.02 | 29.8 | 10.09 | 29.5 | 10.23 | 29.3 | 10.38 |
| | -12.0 | -13.0 | 33.5 | 10.00 | 33.2 | 10.15 | 32.9 | 10.31 | 32.8 | 10.39 | 32.7 | 10.47 | 32.4 | 10.63 | 32.2 | 10.79 |
| | -9.0 | -10.0 | 36.4 | 10.33 | 36.1 | 10.50 | 35.9 | 10.67 | 35.8 | 10.76 | 35.7 | 10.85 | 35.4 | 11.03 | 35.2 | 11.20 |
| | -7.0 | -8.0 | 38.4 | 10.55 | 38.2 | 10.74 | 38.0 | 10.92 | 37.9 | 11.01 | 37.7 | 11.11 | 37.5 | 11.29 | 37.3 | 11.48 |
| | -5.0 | -6.0 | 40.5 | 10.78 | 40.3 | 10.97 | 40.1 | 11.17 | 40.0 | 11.27 | 39.9 | 11.37 | 39.6 | 11.56 | 39.4 | 11.76 |
| | -3.0 | -4.0 | 42.7 | 11.01 | 42.4 | 11.21 | 42.2 | 11.42 | 42.1 | 11.52 | 42.0 | 11.63 | 41.8 | 11.83 | 41.6 | 12.04 |
| | -1.0 | -2.0 | 44.8 | 11.24 | 44.6 | 11.46 | 44.4 | 11.67 | 44.3 | 11.78 | 44.2 | 11.89 | 44.0 | 12.10 | 42.4 | 11.82 |
| | 0.0 | -1.0 | 46.0 | 11.36 | 45.7 | 11.58 | 45.5 | 11.80 | 45.4 | 11.91 | 45.3 | 12.02 | 45.1 | 12.24 | 42.4 | 11.55 |
| | 2.0 | 1.0 | 48.2 | 11.60 | 48.0 | 11.82 | 47.7 | 12.05 | 47.6 | 12.17 | 47.5 | 12.28 | 46.3 | 12.15 | 42.4 | 11.03 |
| | 5.0 | 4.0 | 51.6 | 11.96 | 51.3 | 12.20 | 51.1 | 12.44 | 50.9 | 12.56 | 50.1 | 12.43 | 46.3 | 11.36 | 42.4 | 10.32 |
| | 7.0 | 6.0 | 53.9 | 12.20 | 53.6 | 12.44 | 53.3 | 12.69 | 52.1 | 12.42 | 50.1 | 11.90 | 46.3 | 10.87 | 42.4 | 9.88 |
| | 9.0 | 7.8 | 55.9 | 12.41 | 55.6 | 12.67 | 54.0 | 12.45 | 52.1 | 11.94 | 50.1 | 11.44 | 46.3 | 10.46 | 42.4 | 9.50 |
| | 12.0 | 10.6 | 59.1 | 12.75 | 57.9 | 12.70 | 54.0 | 11.72 | 52.1 | 11.25 | 50.1 | 10.78 | 46.3 | 9.85 | 42.4 | 8.96 |
| | 15.0 | 13.5 | 61.7 | 12.87 | 57.9 | 11.94 | 54.0 | 11.02 | 52.1 | 10.58 | 50.1 | 10.13 | 46.3 | 9.27 | 42.4 | 8.43 |
| 49.5 (110%) | -20.0 | -20.7 | 26.6 | 9.24 | 26.2 | 9.35 | 25.9 | 9.46 | 25.7 | 9.51 | 25.5 | 9.57 | 25.1 | 9.69 | 24.8 | 9.80 |
| | -15.0 | -16.0 | 30.5 | 9.77 | 30.2 | 9.91 | 29.9 | 10.05 | 29.8 | 10.12 | 29.6 | 10.19 | 29.3 | 10.33 | 29.1 | 10.48 |
| | -12.0 | -13.0 | 33.3 | 10.12 | 33.0 | 10.27 | 32.7 | 10.43 | 32.6 | 10.51 | 32.5 | 10.59 | 32.2 | 10.75 | 32.0 | 10.91 |
| | -9.0 | -10.0 | 36.2 | 10.47 | 35.9 | 10.65 | 35.7 | 10.82 | 35.6 | 10.91 | 35.5 | 11.00 | 35.3 | 11.17 | 35.0 | 11.35 |
| | -7.0 | -8.0 | 38.2 | 10.72 | 38.0 | 10.90 | 37.8 | 11.09 | 37.7 | 11.18 | 37.5 | 11.27 | 37.3 | 11.46 | 37.1 | 11.65 |
| | -5.0 | -6.0 | 40.3 | 10.96 | 40.1 | 11.16 | 39.9 | 11.35 | 39.8 | 11.45 | 39.7 | 11.55 | 39.4 | 11.75 | 38.9 | 11.81 |
| | -3.0 | -4.0 | 42.4 | 11.21 | 42.2 | 11.42 | 42.0 | 11.62 | 41.9 | 11.73 | 41.8 | 11.83 | 41.6 | 12.04 | 38.9 | 11.26 |
| | -1.0 | -2.0 | 44.6 | 11.47 | 44.4 | 11.68 | 44.2 | 11.90 | 44.1 | 12.00 | 43.9 | 12.11 | 42.4 | 11.82 | 38.9 | 10.74 |
| | 0.0 | -1.0 | 45.7 | 11.60 | 45.5 | 11.81 | 45.3 | 12.03 | 45.1 | 12.14 | 45.0 | 12.25 | 42.4 | 11.55 | 38.9 | 10.50 |
| | 2.0 | 1.0 | 47.9 | 11.85 | 47.7 | 12.08 | 47.5 | 12.31 | 47.3 | 12.42 | 46.0 | 12.06 | 42.4 | 11.03 | 38.9 | 10.03 |
| | 5.0 | 4.0 | 51.3 | 12.25 | 51.0 | 12.48 | 49.5 | 12.25 | 47.7 | 11.76 | 46.0 | 11.27 | 42.4 | 10.32 | 38.9 | 9.39 |
| | 7.0 | 6.0 | 53.5 | 12.51 | 53.0 | 12.68 | 49.5 | 11.72 | 47.7 | 11.26 | 46.0 | 10.79 | 42.4 | 9.88 | 38.9 | 8.99 |
| | 9.0 | 7.8 | 55.5 | 12.74 | 53.0 | 12.20 | 49.5 | 11.28 | 47.7 | 10.83 | 46.0 | 10.38 | 42.4 | 9.50 | 38.9 | 8.65 |
| | 12.0 | 10.6 | 56.6 | 12.37 | 53.0 | 11.48 | 49.5 | 10.62 | 47.7 | 10.20 | 46.0 | 9.78 | 42.4 | 8.96 | 38.9 | 8.15 |
| | 15.0 | 13.5 | 56.6 | 11.63 | 53.0 | 10.80 | 49.5 | 9.99 | 47.7 | 9.59 | 46.0 | 9.20 | 42.4 | 8.43 | 38.9 | 7.68 |

MODEL SELECTION

| Heating capacity at rated condition: 50.0 kW (16HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 45.0 (100%) | -20.0 | -20.7 | 26.3 | 9.32 | 26.0 | 9.43 | 25.6 | 9.54 | 25.4 | 9.60 | 25.2 | 9.65 | 24.9 | 9.77 | 24.5 | 9.88 |
| | -15.0 | -16.0 | 30.3 | 9.89 | 30.0 | 10.03 | 29.7 | 10.17 | 29.5 | 10.24 | 29.4 | 10.31 | 29.1 | 10.45 | 28.8 | 10.60 |
| | -12.0 | -13.0 | 33.0 | 10.26 | 32.8 | 10.42 | 32.5 | 10.58 | 32.4 | 10.66 | 32.3 | 10.74 | 32.0 | 10.90 | 31.8 | 11.06 |
| | -9.0 | -10.0 | 35.9 | 10.65 | 35.7 | 10.82 | 35.5 | 11.00 | 35.4 | 11.09 | 35.3 | 11.17 | 35.0 | 11.35 | 34.8 | 11.53 |
| | -7.0 | -8.0 | 38.0 | 10.91 | 37.8 | 11.10 | 37.5 | 11.28 | 37.4 | 11.38 | 37.3 | 11.47 | 37.1 | 11.66 | 35.4 | 11.19 |
| | -5.0 | -6.0 | 40.1 | 11.18 | 39.8 | 11.38 | 39.6 | 11.57 | 39.5 | 11.67 | 39.4 | 11.77 | 38.6 | 11.71 | 35.4 | 10.65 |
| | -3.0 | -4.0 | 42.2 | 11.46 | 42.0 | 11.66 | 41.7 | 11.87 | 41.6 | 11.97 | 41.5 | 12.07 | 38.6 | 11.15 | 35.4 | 10.15 |
| | -1.0 | -2.0 | 44.3 | 11.74 | 44.1 | 11.95 | 43.9 | 12.16 | 43.4 | 12.11 | 41.8 | 11.62 | 38.6 | 10.64 | 35.4 | 9.69 |
| | 0.0 | -1.0 | 45.4 | 11.88 | 45.2 | 12.09 | 45.0 | 12.31 | 43.4 | 11.84 | 41.8 | 11.35 | 38.6 | 10.40 | 35.4 | 9.47 |
| | 2.0 | 1.0 | 47.6 | 12.16 | 47.4 | 12.39 | 45.0 | 11.77 | 43.4 | 11.31 | 41.8 | 10.85 | 38.6 | 9.94 | 35.4 | 9.06 |
| | 5.0 | 4.0 | 50.9 | 12.59 | 48.2 | 11.89 | 45.0 | 11.01 | 43.4 | 10.58 | 41.8 | 10.15 | 38.6 | 9.30 | 35.4 | 8.48 |
| | 7.0 | 6.0 | 51.4 | 12.25 | 48.2 | 11.38 | 45.0 | 10.54 | 43.4 | 10.13 | 41.8 | 9.72 | 38.6 | 8.91 | 35.4 | 8.12 |
| | 9.0 | 7.8 | 51.4 | 11.77 | 48.2 | 10.95 | 45.0 | 10.14 | 43.4 | 9.74 | 41.8 | 9.35 | 38.6 | 8.57 | 35.4 | 7.82 |
| | 12.0 | 10.6 | 51.4 | 11.09 | 48.2 | 10.31 | 45.0 | 9.55 | 43.4 | 9.18 | 41.8 | 8.81 | 38.6 | 8.08 | 35.4 | 7.37 |
| | 15.0 | 13.5 | 51.4 | 10.43 | 48.2 | 9.70 | 45.0 | 8.99 | 43.4 | 8.64 | 41.8 | 8.29 | 38.6 | 7.61 | 35.4 | 6.94 |
| 40.5 (90%) | -20.0 | -20.7 | 26.0 | 9.42 | 25.6 | 9.53 | 25.3 | 9.64 | 25.1 | 9.70 | 24.9 | 9.75 | 24.6 | 9.87 | 24.3 | 9.98 |
| | -15.0 | -16.0 | 30.0 | 10.03 | 29.7 | 10.17 | 29.4 | 10.31 | 29.2 | 10.38 | 29.1 | 10.45 | 28.8 | 10.59 | 28.6 | 10.74 |
| | -12.0 | -13.0 | 32.7 | 10.44 | 32.5 | 10.60 | 32.2 | 10.75 | 32.1 | 10.83 | 32.0 | 10.91 | 31.7 | 11.07 | 31.5 | 11.23 |
| | -9.0 | -10.0 | 35.7 | 10.86 | 35.4 | 11.04 | 35.2 | 11.21 | 35.1 | 11.30 | 35.0 | 11.39 | 34.7 | 11.55 | 31.8 | 10.52 |
| | -7.0 | -8.0 | 37.7 | 11.15 | 37.5 | 11.34 | 37.2 | 11.52 | 37.1 | 11.62 | 37.0 | 11.71 | 34.7 | 10.97 | 31.8 | 10.00 |
| | -5.0 | -6.0 | 39.8 | 11.45 | 39.5 | 11.65 | 39.3 | 11.84 | 39.1 | 11.87 | 37.6 | 11.39 | 34.7 | 10.44 | 31.8 | 9.52 |
| | -3.0 | -4.0 | 41.9 | 11.75 | 41.7 | 11.96 | 40.5 | 11.77 | 39.1 | 11.31 | 37.6 | 10.85 | 34.7 | 9.96 | 31.8 | 9.08 |
| | -1.0 | -2.0 | 44.0 | 12.06 | 43.4 | 12.11 | 40.5 | 11.22 | 39.1 | 10.79 | 37.6 | 10.36 | 34.7 | 9.50 | 31.8 | 8.67 |
| | 0.0 | -1.0 | 45.1 | 12.22 | 43.4 | 11.84 | 40.5 | 10.97 | 39.1 | 10.54 | 37.6 | 10.12 | 34.7 | 9.29 | 31.8 | 8.48 |
| | 2.0 | 1.0 | 46.3 | 12.15 | 43.4 | 11.31 | 40.5 | 10.48 | 39.1 | 10.08 | 37.6 | 9.67 | 34.7 | 8.88 | 31.8 | 8.11 |
| | 5.0 | 4.0 | 46.3 | 11.36 | 43.4 | 10.58 | 40.5 | 9.81 | 39.1 | 9.43 | 37.6 | 9.06 | 34.7 | 8.32 | 31.8 | 7.59 |
| | 7.0 | 6.0 | 46.3 | 10.87 | 43.4 | 10.13 | 40.5 | 9.39 | 39.1 | 9.03 | 37.6 | 8.67 | 34.7 | 7.97 | 31.8 | 7.28 |
| | 9.0 | 7.8 | 46.3 | 10.46 | 43.4 | 9.74 | 40.5 | 9.04 | 39.1 | 8.69 | 37.6 | 8.35 | 34.7 | 7.67 | 31.8 | 7.01 |
| | 12.0 | 10.6 | 46.3 | 9.85 | 43.4 | 9.18 | 40.5 | 8.52 | 39.1 | 8.19 | 37.6 | 7.87 | 34.7 | 7.23 | 31.8 | 6.61 |
| | 15.0 | 13.5 | 46.3 | 9.27 | 43.4 | 8.64 | 40.5 | 8.02 | 39.1 | 7.71 | 37.6 | 7.41 | 34.7 | 6.81 | 31.8 | 6.23 |
| 36.0 (80%) | -20.0 | -20.7 | 25.6 | 9.54 | 25.3 | 9.65 | 24.9 | 9.76 | 24.7 | 9.82 | 24.6 | 9.87 | 24.2 | 9.99 | 23.9 | 10.10 |
| | -15.0 | -16.0 | 29.6 | 10.21 | 29.3 | 10.35 | 29.0 | 10.49 | 28.9 | 10.56 | 28.8 | 10.63 | 28.5 | 10.77 | 28.2 | 10.92 |
| | -12.0 | -13.0 | 32.4 | 10.66 | 32.1 | 10.82 | 31.9 | 10.97 | 31.8 | 11.05 | 31.6 | 11.13 | 30.9 | 11.02 | 28.3 | 10.05 |
| | -9.0 | -10.0 | 35.3 | 11.13 | 35.1 | 11.30 | 34.9 | 11.48 | 34.7 | 11.55 | 33.4 | 11.09 | 30.9 | 10.18 | 28.3 | 9.29 |
| | -7.0 | -8.0 | 37.3 | 11.45 | 37.1 | 11.64 | 36.0 | 11.41 | 34.7 | 10.97 | 33.4 | 10.54 | 30.9 | 9.68 | 28.3 | 8.84 |
| | -5.0 | -6.0 | 39.4 | 11.78 | 38.6 | 11.71 | 36.0 | 10.86 | 34.7 | 10.44 | 33.4 | 10.03 | 30.9 | 9.22 | 28.3 | 8.42 |
| | -3.0 | -4.0 | 41.1 | 11.97 | 38.6 | 11.15 | 36.0 | 10.35 | 34.7 | 9.96 | 33.4 | 9.56 | 30.9 | 8.79 | 28.3 | 8.03 |
| | -1.0 | -2.0 | 41.1 | 11.42 | 38.6 | 10.64 | 36.0 | 9.88 | 34.7 | 9.50 | 33.4 | 9.13 | 30.9 | 8.40 | 28.3 | 7.67 |
| | 0.0 | -1.0 | 41.1 | 11.16 | 38.6 | 10.40 | 36.0 | 9.66 | 34.7 | 9.29 | 33.4 | 8.93 | 30.9 | 8.21 | 28.3 | 7.50 |
| | 2.0 | 1.0 | 41.1 | 10.66 | 38.6 | 9.94 | 36.0 | 9.23 | 34.7 | 8.88 | 33.4 | 8.54 | 30.9 | 7.85 | 28.3 | 7.18 |
| | 5.0 | 4.0 | 41.1 | 9.98 | 38.6 | 9.30 | 36.0 | 8.64 | 34.7 | 8.32 | 33.4 | 7.99 | 30.9 | 7.36 | 28.3 | 6.73 |
| | 7.0 | 6.0 | 41.1 | 9.55 | 38.6 | 8.91 | 36.0 | 8.28 | 34.7 | 7.97 | 33.4 | 7.66 | 30.9 | 7.05 | 28.3 | 6.45 |
| | 9.0 | 7.8 | 41.1 | 9.19 | 38.6 | 8.57 | 36.0 | 7.97 | 34.7 | 7.67 | 33.4 | 7.37 | 30.9 | 6.79 | 28.3 | 6.22 |
| | 12.0 | 10.6 | 41.1 | 8.66 | 38.6 | 8.08 | 36.0 | 7.51 | 34.7 | 7.23 | 33.4 | 6.96 | 30.9 | 6.41 | 28.3 | 5.87 |
| | 15.0 | 13.5 | 41.1 | 8.15 | 38.6 | 7.61 | 36.0 | 7.07 | 34.7 | 6.81 | 33.4 | 6.55 | 30.9 | 6.04 | 28.3 | 5.53 |
| 31.5 (70%) | -20.0 | -20.7 | 25.1 | 9.69 | 24.8 | 9.80 | 24.5 | 9.92 | 24.3 | 9.97 | 24.1 | 10.03 | 23.8 | 10.14 | 23.5 | 10.26 |
| | -15.0 | -16.0 | 29.1 | 10.43 | 28.9 | 10.57 | 28.6 | 10.71 | 28.5 | 10.78 | 28.3 | 10.85 | 27.0 | 10.42 | 24.7 | 9.52 |
| | -12.0 | -13.0 | 31.9 | 10.94 | 31.7 | 11.09 | 31.5 | 11.25 | 30.4 | 10.84 | 29.2 | 10.42 | 27.0 | 9.58 | 24.7 | 8.75 |
| | -9.0 | -10.0 | 34.9 | 11.47 | 33.8 | 11.20 | 31.5 | 10.40 | 30.4 | 10.01 | 29.2 | 9.62 | 27.0 | 8.85 | 24.7 | 8.10 |
| | -7.0 | -8.0 | 36.0 | 11.41 | 33.7 | 10.64 | 31.5 | 9.89 | 30.4 | 9.52 | 29.2 | 9.15 | 27.0 | 8.42 | 24.7 | 7.70 |
| | -5.0 | -6.0 | 36.0 | 10.86 | 33.7 | 10.13 | 31.5 | 9.42 | 30.4 | 9.07 | 29.2 | 8.72 | 27.0 | 8.02 | 24.7 | 7.35 |
| | -3.0 | -4.0 | 36.0 | 10.35 | 33.8 | 9.66 | 31.5 | 8.98 | 30.4 | 8.65 | 29.2 | 8.31 | 27.0 | 7.66 | 24.7 | 7.01 |
| | -1.0 | -2.0 | 36.0 | 9.88 | 33.7 | 9.22 | 31.5 | 8.58 | 30.4 | 8.26 | 29.2 | 7.94 | 27.0 | 7.32 | 24.7 | 6.70 |
| | 0.0 | -1.0 | 36.0 | 9.66 | 33.7 | 9.02 | 31.5 | 8.39 | 30.4 | 8.08 | 29.2 | 7.77 | 27.0 | 7.16 | 24.7 | 6.56 |
| | 2.0 | 1.0 | 36.0 | 9.23 | 33.7 | 8.62 | 31.5 | 8.02 | 30.4 | 7.72 | 29.2 | 7.43 | 27.0 | 6.85 | 24.7 | 6.28 |
| | 5.0 | 4.0 | 36.0 | 8.64 | 33.7 | 8.07 | 31.5 | 7.52 | 30.4 | 7.24 | 29.2 | 6.97 | 27.0 | 6.42 | 24.7 | 5.89 |
| | 7.0 | 6.0 | 36.0 | 8.28 | 33.7 | 7.74 | 31.5 | 7.20 | 30.4 | 6.94 | 29.2 | 6.68 | 27.0 | 6.16 | 24.7 | 5.65 |
| | 9.0 | 7.8 | 36.0 | 7.97 | 33.7 | 7.45 | 31.5 | 6.94 | 30.4 | 6.68 | 29.2 | 6.43 | 27.0 | 5.94 | 24.7 | 5.45 |
| | 12.0 | 10.6 | 36.0 | 7.51 | 33.8 | 7.02 | 31.5 | 6.54 | 30.4 | 6.31 | 29.2 | 6.07 | 27.0 | 5.60 | 24.7 | 5.15 |
| | 15.0 | 13.5 | 36.0 | 7.07 | 33.7 | 6.62 | 31.5 | 6.17 | 30.4 | 5.94 | 29.2 | 5.72 | 27.0 | 5.29 | 24.7 | 4.86 |
| 27.0 (60%) | -20.0 | -20.7 | 24.5 | 9.89 | 24.2 | 10.00 | 23.9 | 10.12 | 23.7 | 10.17 | 23.6 | 10.23 | 23.1 | 10.28 | 21.2 | 9.40 |
| | -15.0 | -16.0 | 28.6 | 10.73 | 28.3 | 10.87 | 27.0 | 10.42 | 26.0 | 10.03 | 25.1 | 9.65 | 23.1 | 8.88 | 21.2 | 8.13 |
| | -12.0 | -13.0 | 30.9 | 11.02 | 28.9 | 10.30 | 27.0 | 9.58 | 26.0 | 9.22 | 25.1 | 8.87 | 23.1 | 8.17 | 21.2 | 7.49 |
| | -9.0 | -10.0 | 30.9 | 10.18 | 28.9 | 9.51 | 27.0 | 8.85 | 26.0 | 8.53 | 25.1 | 8.20 | 23.1 | 7.56 | 21.2 | 6.93 |
| | -7.0 | -8.0 | 30.9 | 9.68 | 28.9 | 9.04 | 27.0 | 8.42 | 26.0 | 8.11 | 25.1 | 7.81 | 23.1 | 7.20 | 21.2 | 6.60 |
| | -5.0 | -6.0 | 30.9 | 9.22 | 28.9 | 8.62 | 27.0 | 8.02 | 26.0 | 7.73 | 25.1 | 7.44 | 23.1 | 6.87 | 21.2 | 6.30 |
| | -3.0 | -4.0 | 30.9 | 8.79 | 28.9 | 8.22 | 27.0 | 7.66 | 26.0 | 7.38 | 25.1 | 7.10 | 23.1 | 6.56 | 21.2 | 6.02 |
| | -1.0 | -2.0 | 30.9 | 8.40 | 28.9 | 7.85 | 27.0 | 7.32 | 26.0 | 7.05 | 25.1 | 6.79 | 23.1 | 6.27 | 21.2 | 5.76 |
| | 0.0 | -1.0 | 30.9 | 8.21 | 28.9 | 7.68 | 27.0 | 7.16 | 26.0 | 6.90 | 25.1 | 6.64 | 23.1 | 6.14 | 21.2 | 5.64 |
| | 2.0 | 1.0 | 30.9 | 7.85 | 28.9 | 7.35 | 27.0 | 6.85 | 26.0 | 6.60 | 25.1 | 6.36 | 23.1 | 5.88 | 21.2 | 5.40 |
| | 5.0 | 4.0 | 30.9 | 7.36 | 28.9 | 6.89 | 27.0 | 6.42 | 26.0 | 6.20 | 25.1 | 5.97 | 23.1 | 5.52 | 21.2 | 5.07 |
| | 7.0 | 6.0 | 30.9 | 7.05 | 28.9 | 6.60 | 27.0 | 6.16 | 26.0 | 5.94 | 25.1 | 5.72 | 23.1 | 5.30 | 21.2 | 4.87 |
| | 9.0 | 7.8 | 30.9 | 6.79 | 28.9 | 6.36 | 27.0 | 5.94 | 26.0 | 5.73 | 25.1 | 5.52 | 23.1 | 5.10 | 21.2 | 4.70 |
| | 12.0 | 10.6 | 30.9 | 6.41 | 28.9 | 6.00 | 27.0 | 5.60 | 26.0 | 5.41 | 25.1 | 5.21 | 23.1 | 4.83 | 21.2 | 4.44 |
| | 15.0 | 13.5 | 30.9 | 6.04 | 28.9 | 5.66 | 27.0 | 5.29 | 26.0 | 5.10 | 25.1 | 4.92 | 23.1 | 4.55 | 21.2 | 4.20 |

| Heating capacity at rated condition: 50.0 kW (16HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 22.5 (50%) | -20.0 | -20.7 | 23.7 | 10.17 | 23.4 | 10.28 | 22.5 | 9.98 | 21.7 | 9.62 | 20.9 | 9.25 | 19.3 | 8.53 | 17.7 | 7.82 |
| | -15.0 | -16.0 | 25.7 | 9.90 | 24.1 | 9.26 | 22.5 | 8.63 | 21.7 | 8.32 | 20.9 | 8.01 | 19.3 | 7.39 | 17.7 | 6.78 |
| | -12.0 | -13.0 | 25.7 | 9.10 | 24.1 | 8.52 | 22.5 | 7.94 | 21.7 | 7.66 | 20.9 | 7.37 | 19.3 | 6.81 | 17.7 | 6.25 |
| | -9.0 | -10.0 | 25.7 | 8.42 | 24.1 | 7.88 | 22.5 | 7.35 | 21.7 | 7.09 | 20.9 | 6.83 | 19.3 | 6.31 | 17.7 | 5.80 |
| | -7.0 | -8.0 | 25.7 | 8.01 | 24.1 | 7.50 | 22.5 | 7.00 | 21.7 | 6.75 | 20.9 | 6.51 | 19.3 | 6.02 | 17.7 | 5.53 |
| | -5.0 | -6.0 | 25.7 | 7.64 | 24.1 | 7.15 | 22.5 | 6.68 | 21.7 | 6.44 | 20.9 | 6.21 | 19.3 | 5.74 | 17.7 | 5.29 |
| | -3.0 | -4.0 | 25.7 | 7.29 | 24.1 | 6.83 | 22.5 | 6.38 | 21.7 | 6.16 | 20.9 | 5.93 | 19.3 | 5.49 | 17.7 | 5.06 |
| | -1.0 | -2.0 | 25.7 | 6.97 | 24.1 | 6.53 | 22.5 | 6.10 | 21.7 | 5.89 | 20.9 | 5.68 | 19.3 | 5.26 | 17.7 | 4.84 |
| | 0.0 | -1.0 | 25.7 | 6.81 | 24.1 | 6.39 | 22.5 | 5.97 | 21.7 | 5.76 | 20.9 | 5.55 | 19.3 | 5.14 | 17.7 | 4.74 |
| | 2.0 | 1.0 | 25.7 | 6.52 | 24.1 | 6.12 | 22.5 | 5.72 | 21.7 | 5.52 | 20.9 | 5.32 | 19.3 | 4.93 | 17.7 | 4.55 |
| | 5.0 | 4.0 | 25.7 | 6.12 | 24.1 | 5.74 | 22.5 | 5.37 | 21.7 | 5.18 | 20.9 | 5.00 | 19.3 | 4.64 | 17.7 | 4.28 |
| | 7.0 | 6.0 | 25.7 | 5.87 | 24.1 | 5.51 | 22.5 | 5.15 | 21.7 | 4.98 | 20.9 | 4.80 | 19.3 | 4.45 | 17.7 | 4.11 |
| | 9.0 | 7.8 | 25.7 | 5.66 | 24.1 | 5.31 | 22.5 | 4.97 | 21.7 | 4.80 | 20.9 | 4.63 | 19.3 | 4.30 | 17.7 | 3.97 |
| | 12.0 | 10.6 | 25.7 | 5.34 | 24.1 | 5.02 | 22.5 | 4.70 | 21.7 | 4.54 | 20.9 | 4.38 | 19.3 | 4.07 | 17.7 | 3.76 |
| | 15.0 | 13.5 | 25.7 | 5.04 | 24.1 | 4.74 | 22.5 | 4.43 | 21.7 | 4.29 | 20.9 | 4.14 | 19.3 | 3.85 | 17.7 | 3.56 |

# 5-2. Space saving combination

## ■ Model: AJ∗162GALDH

| Heating capacity at rated condition: 56.5 kW (18HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 75.6 (150%) | -20.0 | -20.7 | 36.5 | 12.20 | 36.2 | 12.30 | 36.0 | 12.39 | 35.9 | 12.43 | 35.8 | 12.47 | 35.5 | 12.56 | 35.3 | 12.65 |
| | -15.0 | -16.0 | 42.0 | 12.57 | 41.7 | 12.68 | 41.5 | 12.79 | 41.3 | 12.84 | 41.2 | 12.90 | 41.0 | 13.00 | 40.7 | 13.11 |
| | -12.0 | -13.0 | 45.6 | 12.81 | 45.3 | 12.93 | 45.0 | 13.04 | 44.9 | 13.10 | 44.7 | 13.16 | 44.5 | 13.28 | 44.2 | 13.40 |
| | -9.0 | -10.0 | 49.3 | 13.04 | 48.9 | 13.17 | 48.6 | 13.29 | 48.4 | 13.36 | 48.4 | 13.42 | 48.1 | 13.55 | 47.7 | 13.68 |
| | -7.0 | -8.0 | 51.7 | 13.19 | 51.4 | 13.32 | 51.1 | 13.46 | 50.9 | 13.53 | 50.7 | 13.59 | 50.4 | 13.72 | 50.1 | 13.87 |
| | -5.0 | -6.0 | 54.2 | 13.34 | 53.9 | 13.48 | 53.5 | 13.62 | 53.4 | 13.69 | 53.2 | 13.76 | 52.8 | 13.91 | 52.5 | 14.04 |
| | -3.0 | -4.0 | 56.7 | 13.49 | 56.4 | 13.63 | 56.0 | 13.78 | 55.8 | 13.86 | 55.6 | 13.93 | 55.3 | 14.08 | 54.8 | 14.23 |
| | -1.0 | -2.0 | 59.2 | 13.64 | 58.8 | 13.79 | 58.5 | 13.95 | 58.3 | 14.02 | 58.1 | 14.10 | 57.6 | 14.25 | 57.3 | 14.40 |
| | 0.0 | -1.0 | 60.4 | 13.71 | 60.1 | 13.87 | 59.7 | 14.02 | 59.5 | 14.10 | 59.2 | 14.18 | 58.9 | 14.33 | 58.5 | 14.49 |
| | 2.0 | 1.0 | 63.0 | 13.86 | 62.6 | 14.02 | 62.2 | 14.18 | 62.0 | 14.25 | 61.7 | 14.34 | 61.3 | 14.50 | 59.4 | 14.18 |
| | 5.0 | 4.0 | 66.8 | 14.06 | 66.4 | 14.23 | 65.9 | 14.40 | 65.7 | 14.49 | 65.4 | 14.57 | 64.5 | 14.61 | 59.4 | 13.34 |
| | 7.0 | 6.0 | 69.4 | 14.21 | 68.9 | 14.38 | 68.4 | 14.55 | 68.2 | 14.63 | 67.9 | 14.72 | 64.8 | 14.11 | 59.4 | 12.81 |
| | 9.0 | 7.8 | 71.7 | 14.33 | 71.2 | 14.50 | 70.6 | 14.68 | 70.4 | 14.76 | 69.9 | 14.78 | 64.8 | 13.61 | 59.4 | 12.37 |
| | 12.0 | 10.6 | 75.3 | 14.51 | 74.6 | 14.70 | 74.1 | 14.87 | 72.9 | 14.70 | 70.2 | 14.09 | 64.8 | 12.87 | 59.4 | 11.70 |
| | 15.0 | 13.5 | 78.8 | 14.70 | 78.3 | 14.88 | 75.6 | 14.47 | 72.9 | 13.89 | 70.2 | 13.30 | 64.8 | 12.17 | 59.4 | 11.06 |
| 70.5 (140%) | -20.0 | -20.7 | 36.4 | 12.25 | 36.2 | 12.34 | 35.9 | 12.43 | 35.8 | 12.47 | 35.7 | 12.52 | 35.5 | 12.60 | 35.2 | 12.69 |
| | -15.0 | -16.0 | 41.8 | 12.63 | 41.5 | 12.74 | 41.3 | 12.85 | 41.2 | 12.90 | 41.0 | 12.96 | 40.8 | 13.06 | 40.5 | 13.17 |
| | -12.0 | -13.0 | 45.4 | 12.87 | 45.2 | 13.00 | 44.9 | 13.11 | 44.7 | 13.17 | 44.6 | 13.23 | 44.3 | 13.34 | 44.0 | 13.47 |
| | -9.0 | -10.0 | 49.1 | 13.12 | 48.7 | 13.25 | 48.4 | 13.38 | 48.3 | 13.44 | 48.1 | 13.50 | 47.9 | 13.63 | 47.5 | 13.76 |
| | -7.0 | -8.0 | 51.5 | 13.29 | 51.2 | 13.42 | 50.9 | 13.55 | 50.7 | 13.61 | 50.5 | 13.68 | 50.2 | 13.82 | 49.9 | 13.95 |
| | -5.0 | -6.0 | 53.9 | 13.44 | 53.6 | 13.58 | 53.3 | 13.72 | 53.2 | 13.80 | 53.0 | 13.86 | 52.6 | 14.00 | 52.3 | 14.14 |
| | -3.0 | -4.0 | 56.4 | 13.60 | 56.0 | 13.74 | 55.7 | 13.89 | 55.5 | 13.97 | 55.3 | 14.04 | 55.0 | 14.19 | 54.5 | 14.30 |
| | -1.0 | -2.0 | 59.0 | 13.76 | 58.5 | 13.91 | 58.2 | 14.06 | 58.0 | 14.14 | 57.8 | 14.21 | 57.4 | 14.37 | 55.4 | 14.00 |
| | 0.0 | -1.0 | 60.2 | 13.84 | 59.7 | 13.99 | 59.4 | 14.14 | 59.2 | 14.22 | 59.0 | 14.29 | 58.5 | 14.46 | 55.4 | 13.72 |
| | 2.0 | 1.0 | 62.7 | 13.99 | 62.2 | 14.14 | 61.8 | 14.31 | 61.7 | 14.39 | 61.4 | 14.46 | 60.4 | 14.44 | 55.4 | 13.15 |
| | 5.0 | 4.0 | 66.4 | 14.21 | 65.9 | 14.38 | 65.5 | 14.55 | 65.2 | 14.63 | 64.9 | 14.68 | 60.5 | 13.61 | 55.4 | 12.37 |
| | 7.0 | 6.0 | 68.9 | 14.36 | 68.4 | 14.53 | 67.9 | 14.70 | 67.5 | 14.75 | 65.5 | 14.28 | 60.5 | 13.07 | 55.4 | 11.88 |
| | 9.0 | 7.8 | 71.2 | 14.49 | 70.7 | 14.67 | 70.0 | 14.81 | 68.0 | 14.37 | 65.5 | 13.78 | 60.5 | 12.61 | 55.4 | 11.47 |
| | 12.0 | 10.6 | 74.6 | 14.69 | 74.1 | 14.87 | 70.5 | 14.16 | 68.0 | 13.60 | 65.5 | 13.03 | 60.5 | 11.93 | 55.4 | 10.85 |
| | 15.0 | 13.5 | 78.3 | 14.89 | 75.6 | 14.47 | 70.5 | 13.39 | 68.0 | 12.85 | 65.5 | 12.32 | 60.5 | 11.28 | 55.4 | 10.27 |
| 65.5 (130%) | -20.0 | -20.7 | 36.2 | 12.30 | 36.0 | 12.39 | 35.8 | 12.47 | 35.7 | 12.52 | 35.5 | 12.56 | 35.3 | 12.65 | 35.1 | 12.75 |
| | -15.0 | -16.0 | 41.7 | 12.70 | 41.4 | 12.81 | 41.2 | 12.91 | 41.0 | 12.96 | 41.0 | 13.02 | 40.6 | 13.13 | 40.3 | 13.24 |
| | -12.0 | -13.0 | 45.2 | 12.96 | 44.9 | 13.08 | 44.7 | 13.19 | 44.5 | 13.25 | 44.4 | 13.31 | 44.2 | 13.43 | 43.8 | 13.55 |
| | -9.0 | -10.0 | 48.8 | 13.21 | 48.6 | 13.34 | 48.2 | 13.47 | 48.1 | 13.53 | 47.9 | 13.59 | 47.6 | 13.72 | 47.4 | 13.85 |
| | -7.0 | -8.0 | 51.2 | 13.39 | 50.9 | 13.52 | 50.6 | 13.65 | 50.4 | 13.72 | 50.3 | 13.78 | 50.0 | 13.93 | 49.7 | 14.06 |
| | -5.0 | -6.0 | 53.7 | 13.56 | 53.4 | 13.69 | 53.0 | 13.84 | 52.8 | 13.91 | 52.7 | 13.97 | 52.3 | 14.12 | 51.3 | 14.02 |
| | -3.0 | -4.0 | 56.2 | 13.72 | 55.8 | 13.87 | 55.4 | 14.01 | 55.2 | 14.09 | 55.0 | 14.16 | 54.7 | 14.31 | 51.5 | 13.49 |
| | -1.0 | -2.0 | 58.6 | 13.89 | 58.2 | 14.04 | 57.8 | 14.20 | 57.6 | 14.27 | 57.4 | 14.35 | 56.2 | 14.21 | 51.5 | 12.92 |
| | 0.0 | -1.0 | 59.9 | 13.97 | 59.4 | 14.12 | 59.0 | 14.29 | 58.8 | 14.36 | 58.7 | 14.44 | 56.2 | 13.91 | 51.5 | 12.65 |
| | 2.0 | 1.0 | 62.2 | 14.14 | 61.9 | 14.29 | 61.4 | 14.46 | 61.2 | 14.54 | 60.5 | 14.47 | 56.2 | 13.34 | 51.5 | 12.14 |
| | 5.0 | 4.0 | 65.9 | 14.38 | 65.5 | 14.55 | 64.9 | 14.67 | 63.2 | 14.29 | 60.8 | 13.69 | 56.2 | 12.55 | 51.5 | 11.42 |
| | 7.0 | 6.0 | 68.4 | 14.54 | 67.9 | 14.71 | 65.5 | 14.28 | 63.2 | 13.71 | 60.8 | 13.15 | 56.2 | 12.05 | 51.5 | 10.98 |
| | 9.0 | 7.8 | 70.7 | 14.68 | 69.9 | 14.78 | 65.5 | 13.78 | 63.2 | 13.23 | 60.8 | 12.69 | 56.2 | 11.63 | 51.5 | 10.59 |
| | 12.0 | 10.6 | 74.0 | 14.89 | 70.2 | 14.09 | 65.5 | 13.03 | 63.2 | 12.52 | 60.8 | 12.01 | 56.2 | 11.01 | 51.5 | 10.03 |
| | 15.0 | 13.5 | 74.9 | 14.32 | 70.2 | 13.30 | 65.5 | 12.32 | 63.2 | 11.83 | 60.8 | 11.35 | 56.2 | 10.41 | 51.5 | 9.48 |
| 60.4 (120%) | -20.0 | -20.7 | 36.2 | 12.36 | 35.9 | 12.44 | 35.6 | 12.53 | 35.5 | 12.58 | 35.4 | 12.62 | 35.2 | 12.71 | 35.0 | 12.80 |
| | -15.0 | -16.0 | 41.5 | 12.78 | 41.2 | 12.89 | 41.0 | 12.99 | 40.8 | 13.04 | 40.7 | 13.10 | 40.5 | 13.21 | 40.2 | 13.32 |
| | -12.0 | -13.0 | 45.0 | 13.05 | 44.7 | 13.17 | 44.4 | 13.29 | 44.3 | 13.34 | 44.2 | 13.40 | 43.9 | 13.52 | 43.6 | 13.64 |
| | -9.0 | -10.0 | 48.6 | 13.33 | 48.2 | 13.46 | 48.0 | 13.58 | 47.9 | 13.65 | 47.7 | 13.71 | 47.4 | 13.84 | 46.7 | 13.85 |
| | -7.0 | -8.0 | 50.9 | 13.50 | 50.7 | 13.64 | 50.3 | 13.78 | 50.2 | 13.84 | 50.0 | 13.91 | 49.7 | 14.04 | 47.5 | 13.52 |
| | -5.0 | -6.0 | 53.4 | 13.69 | 53.0 | 13.82 | 52.7 | 13.97 | 52.5 | 14.03 | 52.3 | 14.11 | 51.4 | 14.06 | 47.5 | 12.93 |
| | -3.0 | -4.0 | 55.8 | 13.86 | 55.5 | 14.01 | 55.1 | 14.16 | 54.8 | 14.23 | 54.7 | 14.31 | 51.8 | 13.59 | 47.5 | 12.38 |
| | -1.0 | -2.0 | 58.2 | 14.05 | 57.8 | 14.20 | 57.4 | 14.35 | 57.3 | 14.43 | 56.2 | 14.21 | 51.8 | 13.02 | 47.5 | 11.87 |
| | 0.0 | -1.0 | 59.4 | 14.14 | 59.0 | 14.29 | 58.6 | 14.44 | 57.9 | 14.37 | 56.2 | 13.91 | 51.8 | 12.75 | 47.5 | 11.62 |
| | 2.0 | 1.0 | 61.8 | 14.31 | 61.4 | 14.47 | 60.4 | 14.44 | 58.3 | 13.90 | 56.2 | 13.34 | 51.8 | 12.23 | 47.5 | 11.15 |
| | 5.0 | 4.0 | 65.4 | 14.58 | 64.6 | 14.61 | 60.4 | 13.61 | 58.3 | 13.07 | 56.2 | 12.55 | 51.8 | 11.51 | 47.5 | 10.49 |
| | 7.0 | 6.0 | 67.9 | 14.75 | 64.8 | 14.11 | 60.4 | 13.07 | 58.3 | 12.56 | 56.2 | 12.05 | 51.8 | 11.06 | 47.5 | 10.08 |
| | 9.0 | 7.8 | 69.1 | 14.63 | 64.8 | 13.61 | 60.4 | 12.61 | 58.3 | 12.12 | 56.2 | 11.63 | 51.8 | 10.67 | 47.5 | 9.73 |
| | 12.0 | 10.6 | 69.1 | 13.84 | 64.8 | 12.87 | 60.4 | 11.93 | 58.3 | 11.47 | 56.2 | 11.01 | 51.8 | 10.11 | 47.5 | 9.22 |
| | 15.0 | 13.5 | 69.1 | 13.07 | 64.8 | 12.17 | 60.4 | 11.28 | 58.3 | 10.85 | 56.2 | 10.41 | 51.8 | 9.56 | 47.5 | 8.72 |
| 55.4 (110%) | -20.0 | -20.7 | 36.0 | 12.42 | 35.7 | 12.51 | 35.5 | 12.60 | 35.3 | 12.64 | 35.2 | 12.68 | 35.0 | 12.77 | 34.8 | 12.86 |
| | -15.0 | -16.0 | 41.3 | 12.87 | 41.0 | 12.98 | 40.8 | 13.08 | 40.6 | 13.14 | 40.5 | 13.19 | 40.3 | 13.30 | 40.0 | 13.40 |
| | -12.0 | -13.0 | 44.7 | 13.16 | 44.5 | 13.28 | 44.2 | 13.40 | 44.0 | 13.46 | 43.9 | 13.51 | 43.7 | 13.63 | 42.9 | 13.57 |
| | -9.0 | -10.0 | 48.2 | 13.46 | 47.9 | 13.58 | 47.7 | 13.71 | 47.5 | 13.77 | 47.4 | 13.84 | 46.7 | 13.85 | 43.6 | 12.90 |
| | -7.0 | -8.0 | 50.7 | 13.65 | 50.3 | 13.78 | 50.0 | 13.92 | 49.8 | 13.98 | 49.7 | 14.05 | 47.5 | 13.52 | 43.6 | 12.32 |
| | -5.0 | -6.0 | 53.0 | 13.84 | 52.7 | 13.98 | 52.3 | 14.12 | 52.1 | 14.20 | 51.3 | 14.02 | 47.5 | 12.93 | 43.6 | 11.78 |
| | -3.0 | -4.0 | 55.3 | 14.03 | 55.0 | 14.18 | 54.5 | 14.30 | 53.5 | 14.06 | 51.5 | 13.49 | 47.5 | 12.38 | 43.6 | 11.29 |
| | -1.0 | -2.0 | 57.8 | 14.24 | 57.3 | 14.39 | 55.4 | 14.00 | 53.5 | 13.46 | 51.5 | 12.92 | 47.5 | 11.87 | 43.6 | 10.82 |
| | 0.0 | -1.0 | 58.9 | 14.33 | 58.5 | 14.48 | 55.4 | 13.72 | 53.5 | 13.18 | 51.5 | 12.65 | 47.5 | 11.62 | 43.6 | 10.60 |
| | 2.0 | 1.0 | 61.3 | 14.52 | 59.4 | 14.18 | 55.4 | 13.15 | 53.5 | 12.64 | 51.5 | 12.14 | 47.5 | 11.15 | 43.6 | 10.18 |
| | 5.0 | 4.0 | 63.4 | 14.33 | 59.4 | 13.34 | 55.4 | 12.37 | 53.5 | 11.89 | 51.5 | 11.42 | 47.5 | 10.49 | 43.6 | 9.58 |
| | 7.0 | 6.0 | 63.4 | 13.76 | 59.4 | 12.81 | 55.4 | 11.88 | 53.5 | 11.43 | 51.5 | 10.98 | 47.5 | 10.08 | 43.6 | 9.21 |
| | 9.0 | 7.8 | 63.4 | 13.27 | 59.4 | 12.37 | 55.4 | 11.47 | 53.5 | 11.03 | 51.5 | 10.59 | 47.5 | 9.73 | 43.6 | 8.89 |
| | 12.0 | 10.6 | 63.4 | 12.56 | 59.4 | 11.70 | 55.4 | 10.85 | 53.5 | 10.44 | 51.5 | 10.03 | 47.5 | 9.22 | 43.6 | 8.42 |
| | 15.0 | 13.5 | 63.4 | 11.87 | 59.4 | 11.06 | 55.4 | 10.27 | 53.5 | 9.87 | 51.5 | 9.48 | 47.5 | 8.72 | 43.6 | 7.97 |

MODEL SELECTION

| Heating capacity at rated condition: 56.5 kW (18HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 50.4 (100%) | -20.0 | -20.7 | 35.6 | 12.48 | 35.4 | 12.58 | 35.2 | 12.67 | 35.1 | 12.71 | 35.0 | 12.76 | 34.8 | 12.85 | 34.6 | 12.94 |
| | -15.0 | -16.0 | 41.0 | 12.98 | 40.8 | 13.09 | 40.5 | 13.20 | 40.3 | 13.25 | 40.3 | 13.31 | 40.0 | 13.41 | 39.1 | 13.27 |
| | -12.0 | -13.0 | 44.5 | 13.30 | 44.2 | 13.42 | 43.9 | 13.53 | 43.8 | 13.59 | 43.6 | 13.66 | 42.7 | 13.54 | 39.6 | 12.53 |
| | -9.0 | -10.0 | 47.9 | 13.62 | 47.6 | 13.75 | 47.3 | 13.88 | 47.2 | 13.94 | 46.4 | 13.77 | 43.2 | 12.79 | 39.6 | 11.68 |
| | -7.0 | -8.0 | 50.2 | 13.84 | 49.9 | 13.98 | 49.5 | 14.05 | 48.6 | 13.84 | 46.8 | 13.31 | 43.2 | 12.23 | 39.6 | 11.15 |
| | -5.0 | -6.0 | 52.6 | 14.06 | 52.2 | 14.20 | 50.4 | 13.79 | 48.6 | 13.25 | 46.8 | 12.73 | 43.2 | 11.70 | 39.6 | 10.67 |
| | -3.0 | -4.0 | 54.9 | 14.27 | 53.8 | 14.15 | 50.4 | 13.19 | 48.6 | 12.69 | 46.8 | 12.18 | 43.2 | 11.20 | 39.6 | 10.22 |
| | -1.0 | -2.0 | 56.9 | 14.38 | 54.0 | 13.62 | 50.4 | 12.64 | 48.6 | 12.15 | 46.8 | 11.68 | 43.2 | 10.73 | 39.6 | 9.80 |
| | 0.0 | -1.0 | 57.6 | 14.30 | 54.0 | 13.33 | 50.4 | 12.37 | 48.6 | 11.90 | 46.8 | 11.43 | 43.2 | 10.51 | 39.6 | 9.60 |
| | 2.0 | 1.0 | 57.6 | 13.71 | 54.0 | 12.78 | 50.4 | 11.87 | 48.6 | 11.41 | 46.8 | 10.97 | 43.2 | 10.09 | 39.6 | 9.22 |
| | 5.0 | 4.0 | 57.6 | 12.90 | 54.0 | 12.02 | 50.4 | 11.17 | 48.6 | 10.75 | 46.8 | 10.33 | 43.2 | 9.50 | 39.6 | 8.68 |
| | 7.0 | 6.0 | 57.6 | 12.39 | 54.0 | 11.56 | 50.4 | 10.73 | 48.6 | 10.32 | 46.8 | 9.92 | 43.2 | 9.12 | 39.6 | 8.35 |
| | 9.0 | 7.8 | 57.6 | 11.95 | 54.0 | 11.15 | 50.4 | 10.35 | 48.6 | 9.96 | 46.8 | 9.58 | 43.2 | 8.81 | 39.6 | 8.07 |
| | 12.0 | 10.6 | 57.6 | 11.31 | 54.0 | 10.55 | 50.4 | 9.80 | 48.6 | 9.43 | 46.8 | 9.07 | 43.2 | 8.35 | 39.6 | 7.64 |
| | 15.0 | 13.5 | 57.6 | 10.69 | 54.0 | 9.98 | 50.4 | 9.27 | 48.6 | 8.93 | 46.8 | 8.59 | 43.2 | 7.90 | 39.6 | 7.24 |
| 45.3 (90%) | -20.0 | -20.7 | 35.5 | 12.59 | 35.3 | 12.68 | 35.0 | 12.77 | 34.9 | 12.81 | 34.8 | 12.86 | 34.6 | 12.95 | 34.2 | 13.01 |
| | -15.0 | -16.0 | 40.7 | 13.11 | 40.4 | 13.22 | 40.2 | 13.33 | 40.1 | 13.38 | 39.9 | 13.43 | 38.7 | 13.16 | 35.6 | 12.08 |
| | -12.0 | -13.0 | 44.0 | 13.45 | 43.8 | 13.56 | 43.5 | 13.69 | 42.9 | 13.59 | 42.1 | 13.36 | 38.9 | 12.28 | 35.6 | 11.22 |
| | -9.0 | -10.0 | 47.5 | 13.79 | 47.2 | 13.92 | 45.3 | 13.47 | 43.7 | 12.95 | 42.1 | 12.45 | 38.9 | 11.44 | 35.6 | 10.46 |
| | -7.0 | -8.0 | 49.7 | 14.02 | 48.6 | 13.83 | 45.3 | 12.87 | 43.7 | 12.38 | 42.1 | 11.89 | 38.9 | 10.94 | 35.6 | 10.00 |
| | -5.0 | -6.0 | 51.4 | 14.05 | 48.6 | 13.25 | 45.3 | 12.30 | 43.7 | 11.84 | 42.1 | 11.38 | 38.9 | 10.47 | 35.6 | 9.58 |
| | -3.0 | -4.0 | 51.8 | 13.59 | 48.6 | 12.68 | 45.3 | 11.79 | 43.7 | 11.34 | 42.1 | 10.90 | 38.9 | 10.03 | 35.6 | 9.18 |
| | -1.0 | -2.0 | 51.8 | 13.02 | 48.6 | 12.15 | 45.3 | 11.29 | 43.7 | 10.87 | 42.1 | 10.45 | 38.9 | 9.62 | 35.6 | 8.80 |
| | 0.0 | -1.0 | 51.8 | 12.75 | 48.6 | 11.90 | 45.3 | 11.06 | 43.7 | 10.65 | 42.1 | 10.23 | 38.9 | 9.42 | 35.6 | 8.63 |
| | 2.0 | 1.0 | 51.8 | 12.23 | 48.6 | 11.41 | 45.3 | 10.62 | 43.7 | 10.21 | 42.1 | 9.82 | 38.9 | 9.05 | 35.6 | 8.28 |
| | 5.0 | 4.0 | 51.8 | 11.51 | 48.6 | 10.75 | 45.3 | 9.99 | 43.7 | 9.62 | 42.1 | 9.25 | 38.9 | 8.52 | 35.6 | 7.80 |
| | 7.0 | 6.0 | 51.8 | 11.06 | 48.6 | 10.32 | 45.3 | 9.60 | 43.7 | 9.25 | 42.1 | 8.89 | 38.9 | 8.20 | 35.6 | 7.51 |
| | 9.0 | 7.8 | 51.8 | 10.67 | 48.6 | 9.97 | 45.3 | 9.27 | 43.7 | 8.93 | 42.1 | 8.59 | 38.9 | 7.91 | 35.6 | 7.25 |
| | 12.0 | 10.6 | 51.8 | 10.11 | 48.6 | 9.44 | 45.3 | 8.79 | 43.7 | 8.46 | 42.1 | 8.14 | 38.9 | 7.51 | 35.6 | 6.88 |
| | 15.0 | 13.5 | 51.8 | 9.56 | 48.6 | 8.93 | 45.3 | 8.31 | 43.7 | 8.01 | 42.1 | 7.70 | 38.9 | 7.11 | 35.6 | 6.52 |
| 40.3 (80%) | -20.0 | -20.7 | 35.1 | 12.71 | 35.0 | 12.80 | 34.7 | 12.89 | 34.6 | 12.93 | 34.5 | 12.98 | 33.8 | 12.84 | 31.7 | 12.10 |
| | -15.0 | -16.0 | 40.3 | 13.28 | 40.1 | 13.39 | 39.4 | 13.34 | 38.7 | 13.16 | 37.4 | 12.71 | 34.6 | 11.70 | 31.7 | 10.69 |
| | -12.0 | -13.0 | 43.6 | 13.64 | 42.7 | 13.51 | 40.3 | 12.76 | 38.9 | 12.28 | 37.4 | 11.81 | 34.6 | 10.86 | 31.7 | 9.94 |
| | -9.0 | -10.0 | 46.1 | 13.68 | 43.2 | 12.78 | 40.3 | 11.89 | 38.9 | 11.44 | 37.4 | 11.01 | 34.6 | 10.14 | 31.7 | 9.27 |
| | -7.0 | -8.0 | 46.1 | 13.09 | 43.2 | 12.22 | 40.3 | 11.37 | 38.9 | 10.94 | 37.4 | 10.52 | 34.6 | 9.69 | 31.7 | 8.88 |
| | -5.0 | -6.0 | 46.1 | 12.51 | 43.2 | 11.69 | 40.3 | 10.87 | 38.9 | 10.47 | 37.4 | 10.07 | 34.6 | 9.28 | 31.7 | 8.50 |
| | -3.0 | -4.0 | 46.1 | 11.98 | 43.2 | 11.19 | 40.3 | 10.41 | 38.9 | 10.03 | 37.4 | 9.65 | 34.6 | 8.89 | 31.7 | 8.15 |
| | -1.0 | -2.0 | 46.1 | 11.48 | 43.2 | 10.73 | 40.3 | 9.99 | 38.9 | 9.62 | 37.4 | 9.25 | 34.6 | 8.53 | 31.7 | 7.82 |
| | 0.0 | -1.0 | 46.1 | 11.25 | 43.2 | 10.51 | 40.3 | 9.79 | 38.9 | 9.42 | 37.4 | 9.07 | 34.6 | 8.36 | 31.7 | 7.66 |
| | 2.0 | 1.0 | 46.1 | 10.79 | 43.2 | 10.09 | 40.3 | 9.39 | 38.9 | 9.05 | 37.4 | 8.70 | 34.6 | 8.03 | 31.7 | 7.36 |
| | 5.0 | 4.0 | 46.1 | 10.15 | 43.2 | 9.50 | 40.3 | 8.84 | 38.9 | 8.52 | 37.4 | 8.20 | 34.6 | 7.57 | 31.7 | 6.95 |
| | 7.0 | 6.0 | 46.1 | 9.76 | 43.2 | 9.12 | 40.3 | 8.50 | 38.9 | 8.20 | 37.4 | 7.89 | 34.6 | 7.28 | 31.7 | 6.69 |
| | 9.0 | 7.8 | 46.1 | 9.42 | 43.2 | 8.81 | 40.3 | 8.21 | 38.9 | 7.91 | 37.4 | 7.62 | 34.6 | 7.04 | 31.7 | 6.46 |
| | 12.0 | 10.6 | 46.1 | 8.93 | 43.2 | 8.35 | 40.3 | 7.78 | 38.9 | 7.51 | 37.4 | 7.23 | 34.6 | 6.68 | 31.7 | 6.13 |
| | 15.0 | 13.5 | 46.1 | 8.45 | 43.2 | 7.90 | 40.3 | 7.37 | 38.9 | 7.11 | 37.4 | 6.85 | 34.6 | 6.33 | 31.7 | 5.81 |
| 35.2 (70%) | -20.0 | -20.7 | 34.8 | 12.86 | 34.6 | 12.95 | 34.1 | 12.95 | 33.5 | 12.76 | 32.8 | 12.53 | 30.2 | 11.54 | 27.7 | 10.55 |
| | -15.0 | -16.0 | 39.4 | 13.34 | 37.8 | 12.85 | 35.2 | 11.94 | 34.0 | 11.51 | 32.8 | 11.06 | 30.2 | 10.20 | 27.7 | 9.34 |
| | -12.0 | -13.0 | 40.3 | 12.76 | 37.8 | 11.93 | 35.2 | 11.10 | 34.0 | 10.69 | 32.8 | 10.29 | 30.2 | 9.48 | 27.7 | 8.69 |
| | -9.0 | -10.0 | 40.3 | 11.89 | 37.8 | 11.11 | 35.2 | 10.35 | 34.0 | 9.97 | 32.8 | 9.60 | 30.2 | 8.85 | 27.7 | 8.12 |
| | -7.0 | -8.0 | 40.3 | 11.37 | 37.8 | 10.62 | 35.2 | 9.89 | 34.0 | 9.54 | 32.8 | 9.18 | 30.2 | 8.47 | 27.7 | 7.78 |
| | -5.0 | -6.0 | 40.3 | 10.87 | 37.8 | 10.17 | 35.2 | 9.48 | 34.0 | 9.13 | 32.8 | 8.79 | 30.2 | 8.11 | 27.7 | 7.45 |
| | -3.0 | -4.0 | 40.3 | 10.41 | 37.8 | 9.74 | 35.2 | 9.08 | 34.0 | 8.75 | 32.8 | 8.43 | 30.2 | 7.78 | 27.7 | 7.15 |
| | -1.0 | -2.0 | 40.3 | 9.99 | 37.8 | 9.34 | 35.2 | 8.71 | 34.0 | 8.39 | 32.8 | 8.09 | 30.2 | 7.46 | 27.7 | 6.86 |
| | 0.0 | -1.0 | 40.3 | 9.79 | 37.8 | 9.16 | 35.2 | 8.54 | 34.0 | 8.23 | 32.8 | 7.92 | 30.2 | 7.32 | 27.7 | 6.73 |
| | 2.0 | 1.0 | 40.3 | 9.39 | 37.8 | 8.79 | 35.2 | 8.20 | 34.0 | 7.90 | 32.8 | 7.62 | 30.2 | 7.04 | 27.7 | 6.47 |
| | 5.0 | 4.0 | 40.3 | 8.84 | 37.8 | 8.28 | 35.2 | 7.73 | 34.0 | 7.45 | 32.8 | 7.18 | 30.2 | 6.63 | 27.7 | 6.10 |
| | 7.0 | 6.0 | 40.3 | 8.50 | 37.8 | 7.97 | 35.2 | 7.44 | 34.0 | 7.17 | 32.8 | 6.91 | 30.2 | 6.39 | 27.7 | 5.88 |
| | 9.0 | 7.8 | 40.3 | 8.21 | 37.8 | 7.70 | 35.2 | 7.18 | 34.0 | 6.93 | 32.8 | 6.68 | 30.2 | 6.17 | 27.7 | 5.69 |
| | 12.0 | 10.6 | 40.3 | 7.78 | 37.8 | 7.30 | 35.2 | 6.82 | 34.0 | 6.57 | 32.8 | 6.34 | 30.2 | 5.86 | 27.7 | 5.40 |
| | 15.0 | 13.5 | 40.3 | 7.37 | 37.8 | 6.91 | 35.2 | 6.46 | 34.0 | 6.23 | 32.8 | 6.01 | 30.2 | 5.56 | 27.7 | 5.12 |
| 30.2 (60%) | -20.0 | -20.7 | 33.8 | 12.84 | 32.4 | 12.39 | 30.2 | 11.54 | 29.2 | 11.11 | 28.1 | 10.70 | 25.9 | 9.87 | 23.8 | 9.05 |
| | -15.0 | -16.0 | 34.6 | 11.70 | 32.4 | 10.94 | 30.2 | 10.20 | 29.2 | 9.83 | 28.1 | 9.46 | 25.9 | 8.74 | 23.8 | 8.02 |
| | -12.0 | -13.0 | 34.6 | 10.86 | 32.4 | 10.17 | 30.2 | 9.48 | 29.2 | 9.15 | 28.1 | 8.80 | 25.9 | 8.13 | 23.8 | 7.47 |
| | -9.0 | -10.0 | 34.6 | 10.14 | 32.4 | 9.49 | 30.2 | 8.85 | 29.2 | 8.54 | 28.1 | 8.23 | 25.9 | 7.60 | 23.8 | 6.99 |
| | -7.0 | -8.0 | 34.6 | 9.69 | 32.4 | 9.07 | 30.2 | 8.47 | 29.2 | 8.17 | 28.1 | 7.87 | 25.9 | 7.27 | 23.8 | 6.69 |
| | -5.0 | -6.0 | 34.6 | 9.28 | 32.4 | 8.69 | 30.2 | 8.11 | 29.2 | 7.83 | 28.1 | 7.54 | 25.9 | 6.98 | 23.8 | 6.42 |
| | -3.0 | -4.0 | 34.6 | 8.89 | 32.4 | 8.34 | 30.2 | 7.78 | 29.2 | 7.51 | 28.1 | 7.24 | 25.9 | 6.69 | 23.8 | 6.16 |
| | -1.0 | -2.0 | 34.6 | 8.53 | 32.4 | 8.00 | 30.2 | 7.46 | 29.2 | 7.21 | 28.1 | 6.95 | 25.9 | 6.44 | 23.8 | 5.93 |
| | 0.0 | -1.0 | 34.6 | 8.36 | 32.4 | 7.84 | 30.2 | 7.32 | 29.2 | 7.06 | 28.1 | 6.81 | 25.9 | 6.31 | 23.8 | 5.81 |
| | 2.0 | 1.0 | 34.6 | 8.03 | 32.4 | 7.53 | 30.2 | 7.04 | 29.2 | 6.79 | 28.1 | 6.55 | 25.9 | 6.07 | 23.8 | 5.59 |
| | 5.0 | 4.0 | 34.6 | 7.57 | 32.4 | 7.11 | 30.2 | 6.63 | 29.2 | 6.40 | 28.1 | 6.18 | 25.9 | 5.73 | 23.8 | 5.28 |
| | 7.0 | 6.0 | 34.6 | 7.28 | 32.4 | 6.84 | 30.2 | 6.39 | 29.2 | 6.17 | 28.1 | 5.95 | 25.9 | 5.52 | 23.8 | 5.09 |
| | 9.0 | 7.8 | 34.6 | 7.04 | 32.4 | 6.61 | 30.2 | 6.17 | 29.2 | 5.97 | 28.1 | 5.76 | 25.9 | 5.33 | 23.8 | 4.92 |
| | 12.0 | 10.6 | 34.6 | 6.68 | 32.4 | 6.27 | 30.2 | 5.86 | 29.2 | 5.66 | 28.1 | 5.47 | 25.9 | 5.07 | 23.8 | 4.68 |
| | 15.0 | 13.5 | 34.6 | 6.33 | 32.4 | 5.94 | 30.2 | 5.56 | 29.2 | 5.37 | 28.1 | 5.19 | 25.9 | 4.81 | 23.8 | 4.44 |

| Heating capacity at rated condition: 56.5 kW (18HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 25.2 (50%) | -20.0 | -20.7 | 28.8 | 10.98 | 27.0 | 10.28 | 25.2 | 9.60 | 24.3 | 9.25 | 23.4 | 8.91 | 21.6 | 8.24 | 19.8 | 7.57 |
| | -15.0 | -16.0 | 28.8 | 9.71 | 27.0 | 9.10 | 25.2 | 8.50 | 24.3 | 8.19 | 23.4 | 7.90 | 21.6 | 7.31 | 19.8 | 6.72 |
| | -12.0 | -13.0 | 28.8 | 9.03 | 27.0 | 8.47 | 25.2 | 7.91 | 24.3 | 7.64 | 23.4 | 7.36 | 21.6 | 6.81 | 19.8 | 6.27 |
| | -9.0 | -10.0 | 28.8 | 8.44 | 27.0 | 7.91 | 25.2 | 7.39 | 24.3 | 7.14 | 23.4 | 6.89 | 21.6 | 6.38 | 19.8 | 5.88 |
| | -7.0 | -8.0 | 28.8 | 8.07 | 27.0 | 7.57 | 25.2 | 7.08 | 24.3 | 6.84 | 23.4 | 6.59 | 21.6 | 6.12 | 19.8 | 5.63 |
| | -5.0 | -6.0 | 28.8 | 7.73 | 27.0 | 7.26 | 25.2 | 6.79 | 24.3 | 6.55 | 23.4 | 6.33 | 21.6 | 5.87 | 19.8 | 5.41 |
| | -3.0 | -4.0 | 28.8 | 7.41 | 27.0 | 6.97 | 25.2 | 6.52 | 24.3 | 6.29 | 23.4 | 6.07 | 21.6 | 5.63 | 19.8 | 5.20 |
| | -1.0 | -2.0 | 28.8 | 7.12 | 27.0 | 6.69 | 25.2 | 6.26 | 24.3 | 6.05 | 23.4 | 5.84 | 21.6 | 5.42 | 19.8 | 5.00 |
| | 0.0 | -1.0 | 28.8 | 6.98 | 27.0 | 6.55 | 25.2 | 6.14 | 24.3 | 5.93 | 23.4 | 5.72 | 21.6 | 5.31 | 19.8 | 4.91 |
| | 2.0 | 1.0 | 28.8 | 6.71 | 27.0 | 6.30 | 25.2 | 5.91 | 24.3 | 5.70 | 23.4 | 5.50 | 21.6 | 5.11 | 19.8 | 4.72 |
| | 5.0 | 4.0 | 28.8 | 6.33 | 27.0 | 5.96 | 25.2 | 5.58 | 24.3 | 5.39 | 23.4 | 5.21 | 21.6 | 4.84 | 19.8 | 4.47 |
| | 7.0 | 6.0 | 28.8 | 6.09 | 27.0 | 5.73 | 25.2 | 5.38 | 24.3 | 5.20 | 23.4 | 5.02 | 21.6 | 4.67 | 19.8 | 4.31 |
| | 9.0 | 7.8 | 28.8 | 5.90 | 27.0 | 5.55 | 25.2 | 5.19 | 24.3 | 5.03 | 23.4 | 4.85 | 21.6 | 4.51 | 19.8 | 4.18 |
| | 12.0 | 10.6 | 28.8 | 5.59 | 27.0 | 5.27 | 25.2 | 4.95 | 24.3 | 4.77 | 23.4 | 4.61 | 21.6 | 4.29 | 19.8 | 3.98 |
| | 15.0 | 13.5 | 28.8 | 5.31 | 27.0 | 5.00 | 25.2 | 4.69 | 24.3 | 4.54 | 23.4 | 4.39 | 21.6 | 4.08 | 19.8 | 3.78 |

# ■ Model: AJ∗180GALDH

| Heating capacity at rated condition: 63.0 kW (20HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 84.0 (150%) | -20.0 | -20.7 | 39.4 | 13.68 | 39.0 | 13.78 | 38.8 | 13.88 | 38.6 | 13.92 | 38.6 | 13.96 | 38.2 | 14.06 | 38.0 | 14.16 |
| | -15.0 | -16.0 | 45.6 | 14.06 | 45.2 | 14.18 | 44.9 | 14.30 | 44.8 | 14.36 | 44.6 | 14.42 | 44.4 | 14.52 | 44.0 | 14.64 |
| | -12.0 | -13.0 | 49.6 | 14.32 | 49.2 | 14.44 | 49.0 | 14.56 | 48.8 | 14.62 | 48.6 | 14.68 | 48.4 | 14.82 | 48.0 | 14.94 |
| | -9.0 | -10.0 | 53.8 | 14.56 | 53.4 | 14.70 | 53.1 | 14.82 | 52.8 | 14.90 | 52.8 | 14.96 | 52.4 | 15.10 | 52.0 | 15.24 |
| | -7.0 | -8.0 | 56.6 | 14.72 | 56.2 | 14.86 | 55.8 | 15.00 | 55.6 | 15.08 | 55.4 | 15.14 | 55.0 | 15.28 | 54.6 | 15.44 |
| | -5.0 | -6.0 | 59.4 | 14.88 | 59.0 | 15.02 | 58.6 | 15.18 | 58.4 | 15.24 | 58.2 | 15.32 | 57.8 | 15.48 | 57.4 | 15.62 |
| | -3.0 | -4.0 | 62.2 | 15.04 | 61.8 | 15.18 | 61.4 | 15.34 | 61.2 | 15.42 | 61.0 | 15.50 | 60.6 | 15.66 | 60.0 | 15.82 |
| | -1.0 | -2.0 | 65.0 | 15.20 | 64.6 | 15.36 | 64.2 | 15.52 | 64.0 | 15.60 | 63.8 | 15.68 | 63.2 | 15.84 | 62.8 | 16.00 |
| | 0.0 | -1.0 | 66.4 | 15.26 | 66.0 | 15.44 | 65.6 | 15.60 | 65.4 | 15.68 | 65.0 | 15.76 | 64.6 | 15.92 | 64.2 | 16.10 |
| | 2.0 | 1.0 | 69.4 | 15.42 | 68.8 | 15.60 | 68.4 | 15.76 | 68.2 | 15.84 | 67.8 | 15.94 | 67.4 | 16.10 | 66.0 | 15.98 |
| | 5.0 | 4.0 | 73.6 | 15.64 | 73.2 | 15.82 | 72.6 | 16.00 | 72.4 | 16.10 | 72.0 | 16.18 | 71.4 | 16.36 | 66.0 | 14.98 |
| | 7.0 | 6.0 | 76.6 | 15.80 | 76.0 | 15.98 | 75.4 | 16.16 | 75.2 | 16.24 | 74.8 | 16.34 | 72.0 | 15.84 | 66.0 | 14.36 |
| | 9.0 | 7.8 | 79.2 | 15.92 | 78.6 | 16.10 | 77.9 | 16.30 | 77.6 | 16.38 | 77.4 | 16.48 | 72.0 | 15.24 | 66.0 | 13.84 |
| | 12.0 | 10.6 | 83.2 | 16.12 | 82.4 | 16.32 | 81.8 | 16.50 | 81.0 | 16.44 | 78.0 | 15.76 | 72.0 | 14.38 | 66.0 | 13.06 |
| | 15.0 | 13.5 | 87.2 | 16.32 | 86.6 | 16.52 | 84.0 | 16.16 | 81.0 | 15.50 | 78.0 | 14.84 | 72.0 | 13.56 | 66.0 | 12.32 |
| 78.4 (140%) | -20.0 | -20.7 | 39.2 | 13.72 | 39.0 | 13.82 | 38.7 | 13.92 | 38.6 | 13.96 | 38.4 | 14.02 | 38.2 | 14.10 | 37.8 | 14.20 |
| | -15.0 | -16.0 | 45.4 | 14.12 | 45.0 | 14.24 | 44.8 | 14.36 | 44.6 | 14.42 | 44.4 | 14.48 | 44.2 | 14.58 | 43.8 | 14.70 |
| | -12.0 | -13.0 | 49.4 | 14.38 | 49.2 | 14.52 | 48.8 | 14.64 | 48.6 | 14.70 | 48.4 | 14.76 | 48.2 | 14.88 | 47.8 | 15.02 |
| | -9.0 | -10.0 | 53.6 | 14.64 | 53.2 | 14.78 | 52.8 | 14.92 | 52.6 | 14.98 | 52.4 | 15.04 | 52.2 | 15.18 | 51.8 | 15.32 |
| | -7.0 | -8.0 | 56.4 | 14.82 | 56.0 | 14.96 | 55.6 | 15.10 | 55.4 | 15.16 | 55.2 | 15.24 | 54.8 | 15.38 | 54.4 | 15.52 |
| | -5.0 | -6.0 | 59.0 | 14.98 | 58.6 | 15.12 | 58.3 | 15.28 | 58.2 | 15.36 | 58.0 | 15.42 | 57.6 | 15.58 | 57.2 | 15.72 |
| | -3.0 | -4.0 | 61.8 | 15.14 | 61.4 | 15.30 | 61.1 | 15.46 | 60.8 | 15.54 | 60.6 | 15.62 | 60.2 | 15.78 | 59.8 | 15.92 |
| | -1.0 | -2.0 | 64.8 | 15.32 | 64.2 | 15.48 | 63.8 | 15.64 | 63.6 | 15.72 | 63.4 | 15.80 | 63.0 | 15.96 | 61.6 | 15.82 |
| | 0.0 | -1.0 | 66.2 | 15.40 | 65.6 | 15.56 | 65.2 | 15.72 | 65.0 | 15.80 | 64.8 | 15.88 | 64.2 | 16.06 | 61.6 | 15.48 |
| | 2.0 | 1.0 | 69.0 | 15.56 | 68.4 | 15.72 | 68.0 | 15.90 | 67.8 | 15.98 | 67.4 | 16.06 | 67.0 | 16.24 | 61.6 | 14.80 |
| | 5.0 | 4.0 | 73.2 | 15.80 | 72.6 | 15.98 | 72.1 | 16.16 | 71.8 | 16.24 | 71.6 | 16.34 | 67.2 | 15.28 | 61.6 | 13.88 |
| | 7.0 | 6.0 | 76.0 | 15.96 | 75.4 | 16.14 | 74.9 | 16.32 | 74.6 | 16.42 | 72.8 | 16.02 | 67.2 | 14.66 | 61.6 | 13.30 |
| | 9.0 | 7.8 | 78.6 | 16.10 | 78.0 | 16.28 | 77.4 | 16.46 | 75.6 | 16.10 | 72.8 | 15.44 | 67.2 | 14.12 | 61.6 | 12.82 |
| | 12.0 | 10.6 | 82.4 | 16.30 | 81.8 | 16.50 | 78.4 | 15.84 | 75.6 | 15.20 | 72.8 | 14.56 | 67.2 | 13.32 | 61.6 | 12.10 |
| | 15.0 | 13.5 | 86.6 | 16.52 | 84.0 | 16.16 | 78.4 | 14.94 | 75.6 | 14.34 | 72.8 | 13.74 | 67.2 | 12.56 | 61.6 | 11.42 |
| 72.8 (130%) | -20.0 | -20.7 | 39.0 | 13.78 | 38.8 | 13.88 | 38.5 | 13.96 | 38.4 | 14.02 | 38.2 | 14.06 | 38.0 | 14.16 | 37.8 | 14.26 |
| | -15.0 | -16.0 | 45.2 | 14.20 | 44.8 | 14.32 | 44.6 | 14.42 | 44.4 | 14.48 | 44.4 | 14.54 | 44.0 | 14.66 | 43.6 | 14.78 |
| | -12.0 | -13.0 | 49.2 | 14.48 | 48.8 | 14.60 | 48.6 | 14.72 | 48.4 | 14.78 | 48.2 | 14.84 | 48.0 | 14.98 | 47.6 | 15.10 |
| | -9.0 | -10.0 | 53.2 | 14.74 | 53.0 | 14.88 | 52.6 | 15.02 | 52.4 | 15.08 | 52.2 | 15.14 | 51.8 | 15.28 | 51.6 | 15.42 |
| | -7.0 | -8.0 | 56.0 | 14.92 | 55.6 | 15.06 | 55.3 | 15.20 | 55.0 | 15.28 | 55.0 | 15.34 | 54.6 | 15.50 | 54.2 | 15.64 |
| | -5.0 | -6.0 | 58.8 | 15.10 | 58.4 | 15.24 | 58.0 | 15.40 | 57.8 | 15.48 | 57.6 | 15.54 | 57.2 | 15.70 | 56.8 | 15.84 |
| | -3.0 | -4.0 | 61.6 | 15.28 | 61.2 | 15.44 | 60.7 | 15.58 | 60.4 | 15.66 | 60.2 | 15.74 | 59.8 | 15.90 | 57.2 | 15.26 |
| | -1.0 | -2.0 | 64.4 | 15.46 | 63.8 | 15.62 | 63.4 | 15.78 | 63.2 | 15.86 | 63.0 | 15.94 | 62.4 | 16.06 | 57.2 | 14.58 |
| | 0.0 | -1.0 | 65.8 | 15.54 | 65.2 | 15.70 | 64.8 | 15.88 | 64.6 | 15.96 | 64.4 | 16.04 | 62.4 | 15.70 | 57.2 | 14.26 |
| | 2.0 | 1.0 | 68.4 | 15.72 | 68.0 | 15.88 | 67.5 | 16.06 | 67.2 | 16.14 | 67.0 | 16.22 | 62.4 | 15.02 | 57.2 | 13.66 |
| | 5.0 | 4.0 | 72.6 | 15.98 | 72.2 | 16.16 | 71.6 | 16.32 | 70.2 | 16.06 | 67.6 | 15.38 | 62.4 | 14.08 | 57.2 | 12.80 |
| | 7.0 | 6.0 | 75.4 | 16.14 | 74.8 | 16.32 | 72.8 | 16.02 | 70.2 | 15.38 | 67.6 | 14.74 | 62.4 | 13.50 | 57.2 | 12.28 |
| | 9.0 | 7.8 | 78.0 | 16.30 | 77.4 | 16.48 | 72.8 | 15.44 | 70.2 | 14.82 | 67.6 | 14.20 | 62.4 | 13.00 | 57.2 | 11.82 |
| | 12.0 | 10.6 | 81.8 | 16.52 | 78.0 | 15.76 | 72.8 | 14.56 | 70.2 | 13.98 | 67.6 | 13.40 | 62.4 | 12.28 | 57.2 | 11.18 |
| | 15.0 | 13.5 | 83.2 | 16.00 | 78.0 | 14.84 | 72.8 | 13.74 | 70.2 | 13.18 | 67.6 | 12.64 | 62.4 | 11.58 | 57.2 | 10.54 |
| 67.2 (120%) | -20.0 | -20.7 | 39.0 | 13.84 | 38.6 | 13.92 | 38.4 | 14.02 | 38.2 | 14.08 | 38.0 | 14.12 | 37.8 | 14.22 | 37.6 | 14.32 |
| | -15.0 | -16.0 | 45.0 | 14.28 | 44.6 | 14.40 | 44.4 | 14.50 | 44.2 | 14.56 | 44.0 | 14.62 | 43.8 | 14.74 | 43.4 | 14.86 |
| | -12.0 | -13.0 | 49.0 | 14.56 | 48.6 | 14.70 | 48.3 | 14.82 | 48.2 | 14.88 | 48.0 | 14.94 | 47.6 | 15.06 | 47.4 | 15.20 |
| | -9.0 | -10.0 | 53.0 | 14.86 | 52.6 | 15.00 | 52.3 | 15.12 | 52.2 | 15.20 | 52.0 | 15.26 | 51.6 | 15.40 | 51.2 | 15.54 |
| | -7.0 | -8.0 | 55.6 | 15.04 | 55.4 | 15.18 | 54.9 | 15.34 | 54.8 | 15.40 | 54.6 | 15.48 | 54.2 | 15.62 | 52.8 | 15.38 |
| | -5.0 | -6.0 | 58.4 | 15.24 | 58.0 | 15.38 | 57.6 | 15.54 | 57.4 | 15.60 | 57.2 | 15.68 | 56.8 | 15.84 | 52.8 | 14.66 |
| | -3.0 | -4.0 | 61.2 | 15.42 | 60.8 | 15.58 | 60.3 | 15.74 | 60.0 | 15.82 | 59.8 | 15.90 | 57.6 | 15.38 | 52.8 | 14.00 |
| | -1.0 | -2.0 | 63.8 | 15.62 | 63.4 | 15.78 | 63.0 | 15.94 | 62.8 | 16.02 | 62.4 | 16.06 | 57.6 | 14.70 | 52.8 | 13.38 |
| | 0.0 | -1.0 | 65.2 | 15.72 | 64.8 | 15.88 | 64.3 | 16.04 | 64.0 | 16.12 | 62.4 | 15.70 | 57.6 | 14.38 | 52.8 | 13.08 |
| | 2.0 | 1.0 | 68.0 | 15.90 | 67.4 | 16.06 | 67.0 | 16.24 | 64.8 | 15.66 | 62.4 | 15.02 | 57.6 | 13.76 | 52.8 | 12.52 |
| | 5.0 | 4.0 | 72.0 | 16.18 | 71.6 | 16.36 | 67.2 | 15.28 | 64.8 | 14.68 | 62.4 | 14.08 | 57.6 | 12.90 | 52.8 | 11.74 |
| | 7.0 | 6.0 | 74.8 | 16.36 | 72.0 | 15.84 | 67.2 | 14.66 | 64.8 | 14.08 | 62.4 | 13.50 | 57.6 | 12.38 | 52.8 | 11.26 |
| | 9.0 | 7.8 | 76.8 | 16.40 | 72.0 | 15.24 | 67.2 | 14.12 | 64.8 | 13.56 | 62.4 | 13.00 | 57.6 | 11.92 | 52.8 | 10.86 |
| | 12.0 | 10.6 | 76.8 | 15.48 | 72.0 | 14.38 | 67.2 | 13.32 | 64.8 | 12.80 | 62.4 | 12.28 | 57.6 | 11.26 | 52.8 | 10.26 |
| | 15.0 | 13.5 | 76.8 | 14.58 | 72.0 | 13.56 | 67.2 | 12.56 | 64.8 | 12.08 | 62.4 | 11.58 | 57.6 | 10.62 | 52.8 | 9.68 |
| 61.6 (110%) | -20.0 | -20.7 | 38.8 | 13.90 | 38.4 | 14.00 | 38.2 | 14.10 | 38.0 | 14.14 | 37.8 | 14.18 | 37.6 | 14.28 | 37.4 | 14.38 |
| | -15.0 | -16.0 | 44.8 | 14.38 | 44.4 | 14.50 | 44.1 | 14.60 | 44.0 | 14.66 | 43.8 | 14.72 | 43.6 | 14.84 | 43.2 | 14.94 |
| | -12.0 | -13.0 | 48.6 | 14.68 | 48.4 | 14.80 | 48.0 | 14.94 | 47.8 | 15.00 | 47.6 | 15.06 | 47.4 | 15.18 | 47.0 | 15.30 |
| | -9.0 | -10.0 | 52.6 | 15.00 | 52.2 | 15.12 | 51.9 | 15.26 | 51.8 | 15.32 | 51.6 | 15.40 | 51.2 | 15.54 | 48.4 | 14.70 |
| | -7.0 | -8.0 | 55.4 | 15.20 | 55.0 | 15.34 | 54.6 | 15.48 | 54.4 | 15.54 | 54.2 | 15.62 | 52.8 | 15.38 | 48.4 | 14.00 |
| | -5.0 | -6.0 | 58.0 | 15.40 | 57.6 | 15.54 | 57.2 | 15.70 | 57.0 | 15.78 | 56.8 | 15.84 | 52.8 | 14.66 | 48.4 | 13.34 |
| | -3.0 | -4.0 | 60.6 | 15.60 | 60.2 | 15.76 | 59.8 | 15.92 | 59.4 | 15.92 | 57.2 | 15.26 | 52.8 | 14.00 | 48.4 | 12.74 |
| | -1.0 | -2.0 | 63.4 | 15.82 | 62.8 | 15.98 | 61.6 | 15.82 | 59.4 | 15.20 | 57.2 | 14.58 | 52.8 | 13.38 | 48.4 | 12.18 |
| | 0.0 | -1.0 | 64.6 | 15.92 | 64.2 | 16.08 | 61.6 | 15.48 | 59.4 | 14.86 | 57.2 | 14.26 | 52.8 | 13.08 | 48.4 | 11.92 |
| | 2.0 | 1.0 | 67.4 | 16.12 | 66.0 | 15.98 | 61.6 | 14.80 | 59.4 | 14.22 | 57.2 | 13.66 | 52.8 | 12.52 | 48.4 | 11.42 |
| | 5.0 | 4.0 | 70.4 | 16.10 | 66.0 | 14.98 | 61.6 | 13.88 | 59.4 | 13.34 | 57.2 | 12.80 | 52.8 | 11.74 | 48.4 | 10.72 |
| | 7.0 | 6.0 | 70.4 | 15.44 | 66.0 | 14.36 | 61.6 | 13.30 | 59.4 | 12.80 | 57.2 | 12.28 | 52.8 | 11.26 | 48.4 | 10.28 |
| | 9.0 | 7.8 | 70.4 | 14.86 | 66.0 | 13.84 | 61.6 | 12.82 | 59.4 | 12.32 | 57.2 | 11.82 | 52.8 | 10.86 | 48.4 | 9.90 |
| | 12.0 | 10.6 | 70.4 | 14.02 | 66.0 | 13.06 | 61.6 | 12.10 | 59.4 | 11.64 | 57.2 | 11.18 | 52.8 | 10.26 | 48.4 | 9.36 |
| | 15.0 | 13.5 | 70.4 | 13.22 | 66.0 | 12.32 | 61.6 | 11.42 | 59.4 | 10.98 | 57.2 | 10.54 | 52.8 | 9.68 | 48.4 | 8.84 |

MODEL SELECTION

| Heating capacity at rated condition: 63.0 kW (20HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 56.0 (100%) | -20.0 | -20.7 | 38.4 | 13.98 | 38.2 | 14.08 | 37.9 | 14.18 | 37.8 | 14.22 | 37.6 | 14.28 | 37.4 | 14.36 | 37.2 | 14.46 |
| | -15.0 | -16.0 | 44.4 | 14.50 | 44.2 | 14.60 | 43.8 | 14.72 | 43.6 | 14.78 | 43.6 | 14.84 | 43.2 | 14.94 | 43.0 | 15.06 |
| | -12.0 | -13.0 | 48.4 | 14.82 | 48.0 | 14.94 | 47.7 | 15.06 | 47.6 | 15.12 | 47.4 | 15.20 | 47.0 | 15.32 | 44.0 | 14.32 |
| | -9.0 | -10.0 | 52.2 | 15.14 | 51.8 | 15.28 | 51.5 | 15.42 | 51.4 | 15.48 | 51.2 | 15.56 | 48.0 | 14.56 | 44.0 | 13.28 |
| | -7.0 | -8.0 | 54.8 | 15.38 | 54.4 | 15.52 | 54.1 | 15.66 | 54.0 | 15.72 | 52.0 | 15.12 | 48.0 | 13.88 | 44.0 | 12.64 |
| | -5.0 | -6.0 | 57.4 | 15.60 | 57.0 | 15.74 | 56.0 | 15.64 | 54.0 | 15.02 | 52.0 | 14.42 | 48.0 | 13.24 | 44.0 | 12.06 |
| | -3.0 | -4.0 | 60.0 | 15.82 | 59.6 | 15.96 | 56.0 | 14.92 | 54.0 | 14.34 | 52.0 | 13.76 | 48.0 | 12.64 | 44.0 | 11.52 |
| | -1.0 | -2.0 | 62.6 | 16.04 | 60.0 | 15.38 | 56.0 | 14.26 | 54.0 | 13.70 | 52.0 | 13.16 | 48.0 | 12.08 | 44.0 | 11.02 |
| | 0.0 | -1.0 | 64.0 | 16.14 | 60.0 | 15.04 | 56.0 | 13.94 | 54.0 | 13.40 | 52.0 | 12.86 | 48.0 | 11.82 | 44.0 | 10.78 |
| | 2.0 | 1.0 | 64.0 | 15.44 | 60.0 | 14.38 | 56.0 | 13.34 | 54.0 | 12.82 | 52.0 | 12.32 | 48.0 | 11.32 | 44.0 | 10.34 |
| | 5.0 | 4.0 | 64.0 | 14.48 | 60.0 | 13.48 | 56.0 | 12.52 | 54.0 | 12.04 | 52.0 | 11.56 | 48.0 | 10.62 | 44.0 | 9.70 |
| | 7.0 | 6.0 | 64.0 | 13.88 | 60.0 | 12.94 | 56.0 | 12.00 | 54.0 | 11.54 | 52.0 | 11.08 | 48.0 | 10.18 | 44.0 | 9.30 |
| | 9.0 | 7.8 | 64.0 | 13.36 | 60.0 | 12.46 | 56.0 | 11.56 | 54.0 | 11.12 | 52.0 | 10.68 | 48.0 | 9.82 | 44.0 | 8.98 |
| | 12.0 | 10.6 | 64.0 | 12.62 | 60.0 | 11.76 | 56.0 | 10.92 | 54.0 | 10.50 | 52.0 | 10.10 | 48.0 | 9.28 | 44.0 | 8.48 |
| | 15.0 | 13.5 | 64.0 | 11.90 | 60.0 | 11.10 | 56.0 | 10.30 | 54.0 | 9.92 | 52.0 | 9.54 | 48.0 | 8.76 | 44.0 | 8.02 |
| 50.4 (90%) | -20.0 | -20.7 | 38.2 | 14.08 | 38.0 | 14.18 | 37.6 | 14.28 | 37.6 | 14.32 | 37.4 | 14.36 | 37.2 | 14.46 | 36.8 | 14.56 |
| | -15.0 | -16.0 | 44.0 | 14.62 | 43.8 | 14.74 | 43.5 | 14.86 | 43.4 | 14.92 | 43.2 | 14.96 | 42.8 | 15.08 | 39.6 | 13.88 |
| | -12.0 | -13.0 | 47.8 | 14.98 | 47.6 | 15.10 | 47.2 | 15.24 | 47.0 | 15.30 | 46.8 | 15.30 | 43.2 | 14.04 | 39.6 | 12.82 |
| | -9.0 | -10.0 | 51.8 | 15.34 | 51.4 | 15.48 | 50.4 | 15.36 | 48.6 | 14.76 | 46.8 | 14.18 | 43.2 | 13.02 | 39.6 | 11.88 |
| | -7.0 | -8.0 | 54.2 | 15.58 | 54.0 | 15.72 | 50.4 | 14.62 | 48.6 | 14.06 | 46.8 | 13.50 | 43.2 | 12.40 | 39.6 | 11.32 |
| | -5.0 | -6.0 | 56.8 | 15.82 | 54.0 | 15.02 | 50.4 | 13.94 | 48.6 | 13.40 | 46.8 | 12.88 | 43.2 | 11.84 | 39.6 | 10.82 |
| | -3.0 | -4.0 | 57.6 | 15.38 | 54.0 | 14.34 | 50.4 | 13.32 | 48.6 | 12.80 | 46.8 | 12.30 | 43.2 | 11.30 | 39.6 | 10.34 |
| | -1.0 | -2.0 | 57.6 | 14.70 | 54.0 | 13.70 | 50.4 | 12.72 | 48.6 | 12.24 | 46.8 | 11.76 | 43.2 | 10.82 | 39.6 | 9.88 |
| | 0.0 | -1.0 | 57.6 | 14.38 | 54.0 | 13.40 | 50.4 | 12.44 | 48.6 | 11.98 | 46.8 | 11.50 | 43.2 | 10.58 | 39.6 | 9.68 |
| | 2.0 | 1.0 | 57.6 | 13.76 | 54.0 | 12.82 | 50.4 | 11.92 | 48.6 | 11.46 | 46.8 | 11.02 | 43.2 | 10.14 | 39.6 | 9.26 |
| | 5.0 | 4.0 | 57.6 | 12.90 | 54.0 | 12.04 | 50.4 | 11.18 | 48.6 | 10.76 | 46.8 | 10.34 | 43.2 | 9.52 | 39.6 | 8.70 |
| | 7.0 | 6.0 | 57.6 | 12.38 | 54.0 | 11.54 | 50.4 | 10.72 | 48.6 | 10.32 | 46.8 | 9.92 | 43.2 | 9.14 | 39.6 | 8.36 |
| | 9.0 | 7.8 | 57.6 | 11.92 | 54.0 | 11.12 | 50.4 | 10.34 | 48.6 | 9.96 | 46.8 | 9.56 | 43.2 | 8.80 | 39.6 | 8.06 |
| | 12.0 | 10.6 | 57.6 | 11.26 | 54.0 | 10.50 | 50.4 | 9.78 | 48.6 | 9.40 | 46.8 | 9.04 | 43.2 | 8.34 | 39.6 | 7.62 |
| | 15.0 | 13.5 | 57.6 | 10.62 | 54.0 | 9.92 | 50.4 | 9.22 | 48.6 | 8.88 | 46.8 | 8.54 | 43.2 | 7.88 | 39.6 | 7.22 |
| 44.8 (80%) | -20.0 | -20.7 | 37.8 | 14.20 | 37.6 | 14.30 | 37.3 | 14.40 | 37.2 | 14.44 | 37.0 | 14.50 | 36.8 | 14.58 | 35.2 | 14.04 |
| | -15.0 | -16.0 | 43.6 | 14.80 | 43.4 | 14.92 | 43.0 | 15.02 | 42.8 | 15.08 | 41.6 | 14.62 | 38.4 | 13.44 | 35.2 | 12.26 |
| | -12.0 | -13.0 | 47.4 | 15.18 | 47.0 | 15.30 | 44.8 | 14.60 | 43.2 | 14.04 | 41.6 | 13.50 | 38.4 | 12.40 | 35.2 | 11.34 |
| | -9.0 | -10.0 | 51.2 | 15.58 | 48.0 | 14.56 | 44.8 | 13.54 | 43.2 | 13.02 | 41.6 | 12.52 | 38.4 | 11.52 | 35.2 | 10.52 |
| | -7.0 | -8.0 | 51.2 | 14.88 | 48.0 | 13.88 | 44.8 | 12.90 | 43.2 | 12.40 | 41.6 | 11.92 | 38.4 | 10.98 | 35.2 | 10.04 |
| | -5.0 | -6.0 | 51.2 | 14.18 | 48.0 | 13.24 | 44.8 | 12.30 | 43.2 | 11.84 | 41.6 | 11.38 | 38.4 | 10.48 | 35.2 | 9.58 |
| | -3.0 | -4.0 | 51.2 | 13.54 | 48.0 | 12.64 | 44.8 | 11.74 | 43.2 | 11.30 | 41.6 | 10.88 | 38.4 | 10.00 | 35.2 | 9.16 |
| | -1.0 | -2.0 | 51.2 | 12.94 | 48.0 | 12.08 | 44.8 | 11.24 | 43.2 | 10.82 | 41.6 | 10.40 | 38.4 | 9.58 | 35.2 | 8.76 |
| | 0.0 | -1.0 | 51.2 | 12.66 | 48.0 | 11.82 | 44.8 | 11.00 | 43.2 | 10.58 | 41.6 | 10.18 | 38.4 | 9.38 | 35.2 | 8.58 |
| | 2.0 | 1.0 | 51.2 | 12.12 | 48.0 | 11.32 | 44.8 | 10.52 | 43.2 | 10.14 | 41.6 | 9.74 | 38.4 | 8.98 | 35.2 | 8.22 |
| | 5.0 | 4.0 | 51.2 | 11.36 | 48.0 | 10.62 | 44.8 | 9.88 | 43.2 | 9.52 | 41.6 | 9.16 | 38.4 | 8.44 | 35.2 | 7.74 |
| | 7.0 | 6.0 | 51.2 | 10.90 | 48.0 | 10.18 | 44.8 | 9.48 | 43.2 | 9.14 | 41.6 | 8.78 | 38.4 | 8.10 | 35.2 | 7.44 |
| | 9.0 | 7.8 | 51.2 | 10.50 | 48.0 | 9.82 | 44.8 | 9.14 | 43.2 | 8.80 | 41.6 | 8.48 | 38.4 | 7.82 | 35.2 | 7.16 |
| | 12.0 | 10.6 | 51.2 | 9.94 | 48.0 | 9.28 | 44.8 | 8.64 | 43.2 | 8.34 | 41.6 | 8.02 | 38.4 | 7.40 | 35.2 | 6.78 |
| | 15.0 | 13.5 | 51.2 | 9.38 | 48.0 | 8.76 | 44.8 | 8.16 | 43.2 | 7.88 | 41.6 | 7.58 | 38.4 | 7.00 | 35.2 | 6.42 |
| 39.2 (70%) | -20.0 | -20.7 | 37.4 | 14.36 | 37.2 | 14.46 | 36.9 | 14.56 | 36.8 | 14.60 | 36.4 | 14.54 | 33.6 | 13.38 | 30.8 | 12.22 |
| | -15.0 | -16.0 | 43.0 | 15.02 | 42.0 | 14.78 | 39.2 | 13.72 | 37.8 | 13.22 | 36.4 | 12.70 | 33.6 | 11.70 | 30.8 | 10.70 |
| | -12.0 | -13.0 | 44.8 | 14.60 | 42.0 | 13.64 | 39.2 | 12.68 | 37.8 | 12.20 | 36.4 | 11.74 | 33.6 | 10.80 | 30.8 | 9.90 |
| | -9.0 | -10.0 | 44.8 | 13.54 | 42.0 | 12.64 | 39.2 | 11.76 | 37.8 | 11.32 | 36.4 | 10.90 | 33.6 | 10.04 | 30.8 | 9.20 |
| | -7.0 | -8.0 | 44.8 | 12.90 | 42.0 | 12.04 | 39.2 | 11.20 | 37.8 | 10.80 | 36.4 | 10.38 | 33.6 | 9.58 | 30.8 | 8.78 |
| | -5.0 | -6.0 | 44.8 | 12.30 | 42.0 | 11.50 | 39.2 | 10.70 | 37.8 | 10.30 | 36.4 | 9.92 | 33.6 | 9.14 | 30.8 | 8.38 |
| | -3.0 | -4.0 | 44.8 | 11.74 | 42.0 | 10.98 | 39.2 | 10.22 | 37.8 | 9.84 | 36.4 | 9.48 | 33.6 | 8.74 | 30.8 | 8.02 |
| | -1.0 | -2.0 | 44.8 | 11.24 | 42.0 | 10.50 | 39.2 | 9.78 | 37.8 | 9.42 | 36.4 | 9.08 | 33.6 | 8.36 | 30.8 | 7.68 |
| | 0.0 | -1.0 | 44.8 | 11.00 | 42.0 | 10.28 | 39.2 | 9.58 | 37.8 | 9.22 | 36.4 | 8.88 | 33.6 | 8.20 | 30.8 | 7.52 |
| | 2.0 | 1.0 | 44.8 | 10.52 | 42.0 | 9.84 | 39.2 | 9.18 | 37.8 | 8.84 | 36.4 | 8.52 | 33.6 | 7.86 | 30.8 | 7.22 |
| | 5.0 | 4.0 | 44.8 | 9.88 | 42.0 | 9.24 | 39.2 | 8.62 | 37.8 | 8.30 | 36.4 | 8.00 | 33.6 | 7.38 | 30.8 | 6.78 |
| | 7.0 | 6.0 | 44.8 | 9.48 | 42.0 | 8.88 | 39.2 | 8.28 | 37.8 | 7.98 | 36.4 | 7.68 | 33.6 | 7.10 | 30.8 | 6.52 |
| | 9.0 | 7.8 | 44.8 | 9.14 | 42.0 | 8.56 | 39.2 | 7.98 | 37.8 | 7.70 | 36.4 | 7.42 | 33.6 | 6.84 | 30.8 | 6.30 |
| | 12.0 | 10.6 | 44.8 | 8.64 | 42.0 | 8.10 | 39.2 | 7.56 | 37.8 | 7.28 | 36.4 | 7.02 | 33.6 | 6.48 | 30.8 | 5.96 |
| | 15.0 | 13.5 | 44.8 | 8.16 | 42.0 | 7.64 | 39.2 | 7.14 | 37.8 | 6.88 | 36.4 | 6.64 | 33.6 | 6.14 | 30.8 | 5.64 |
| 33.6 (60%) | -20.0 | -20.7 | 36.8 | 14.58 | 36.0 | 14.38 | 33.6 | 13.38 | 32.4 | 12.88 | 31.2 | 12.40 | 28.8 | 11.42 | 26.4 | 10.46 |
| | -15.0 | -16.0 | 38.4 | 13.44 | 36.0 | 12.56 | 33.6 | 11.70 | 32.4 | 11.26 | 31.2 | 10.84 | 28.8 | 10.00 | 26.4 | 9.16 |
| | -12.0 | -13.0 | 38.4 | 12.40 | 36.0 | 11.60 | 33.6 | 10.80 | 32.4 | 10.42 | 31.2 | 10.02 | 28.8 | 9.24 | 26.4 | 8.48 |
| | -9.0 | -10.0 | 38.4 | 11.52 | 36.0 | 10.76 | 33.6 | 10.04 | 32.4 | 9.68 | 31.2 | 9.32 | 28.8 | 8.60 | 26.4 | 7.90 |
| | -7.0 | -8.0 | 38.4 | 10.98 | 36.0 | 10.26 | 33.6 | 9.58 | 32.4 | 9.22 | 31.2 | 8.88 | 28.8 | 8.20 | 26.4 | 7.54 |
| | -5.0 | -6.0 | 38.4 | 10.48 | 36.0 | 9.80 | 33.6 | 9.14 | 32.4 | 8.82 | 31.2 | 8.48 | 28.8 | 7.84 | 26.4 | 7.20 |
| | -3.0 | -4.0 | 38.4 | 10.00 | 36.0 | 9.38 | 33.6 | 8.74 | 32.4 | 8.44 | 31.2 | 8.12 | 28.8 | 7.50 | 26.4 | 6.90 |
| | -1.0 | -2.0 | 38.4 | 9.58 | 36.0 | 8.98 | 33.6 | 8.36 | 32.4 | 8.08 | 31.2 | 7.78 | 28.8 | 7.20 | 26.4 | 6.62 |
| | 0.0 | -1.0 | 38.4 | 9.38 | 36.0 | 8.78 | 33.6 | 8.20 | 32.4 | 7.90 | 31.2 | 7.62 | 28.8 | 7.04 | 26.4 | 6.48 |
| | 2.0 | 1.0 | 38.4 | 8.98 | 36.0 | 8.42 | 33.6 | 7.86 | 32.4 | 7.58 | 31.2 | 7.30 | 28.8 | 6.76 | 26.4 | 6.22 |
| | 5.0 | 4.0 | 38.4 | 8.44 | 36.0 | 7.92 | 33.6 | 7.38 | 32.4 | 7.12 | 31.2 | 6.88 | 28.8 | 6.36 | 26.4 | 5.86 |
| | 7.0 | 6.0 | 38.4 | 8.10 | 36.0 | 7.60 | 33.6 | 7.10 | 32.4 | 6.84 | 31.2 | 6.60 | 28.8 | 6.12 | 26.4 | 5.64 |
| | 9.0 | 7.8 | 38.4 | 7.82 | 36.0 | 7.34 | 33.6 | 6.84 | 32.4 | 6.62 | 31.2 | 6.38 | 28.8 | 5.90 | 26.4 | 5.44 |
| | 12.0 | 10.6 | 38.4 | 7.40 | 36.0 | 6.94 | 33.6 | 6.48 | 32.4 | 6.26 | 31.2 | 6.04 | 28.8 | 5.60 | 26.4 | 5.16 |
| | 15.0 | 13.5 | 38.4 | 7.00 | 36.0 | 6.56 | 33.6 | 6.14 | 32.4 | 5.92 | 31.2 | 5.72 | 28.8 | 5.30 | 26.4 | 4.88 |

MODEL SELECTION

| Heating capacity at rated condition: 63.0 kW (20HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 28.0 (50%) | -20.0 | -20.7 | 32.0 | 12.72 | 30.0 | 11.90 | 28.0 | 11.10 | 27.0 | 10.70 | 26.0 | 10.30 | 24.0 | 9.50 | 22.0 | 8.72 |
| | -15.0 | -16.0 | 32.0 | 11.12 | 30.0 | 10.42 | 28.0 | 9.72 | 27.0 | 9.36 | 26.0 | 9.02 | 24.0 | 8.34 | 22.0 | 7.66 |
| | -12.0 | -13.0 | 32.0 | 10.28 | 30.0 | 9.64 | 28.0 | 9.00 | 27.0 | 8.68 | 26.0 | 8.36 | 24.0 | 7.72 | 22.0 | 7.10 |
| | -9.0 | -10.0 | 32.0 | 9.56 | 30.0 | 8.96 | 28.0 | 8.36 | 27.0 | 8.06 | 26.0 | 7.78 | 24.0 | 7.20 | 22.0 | 6.62 |
| | -7.0 | -8.0 | 32.0 | 9.12 | 30.0 | 8.54 | 28.0 | 7.98 | 27.0 | 7.70 | 26.0 | 7.42 | 24.0 | 6.88 | 22.0 | 6.32 |
| | -5.0 | -6.0 | 32.0 | 8.70 | 30.0 | 8.16 | 28.0 | 7.62 | 27.0 | 7.36 | 26.0 | 7.10 | 24.0 | 6.58 | 22.0 | 6.06 |
| | -3.0 | -4.0 | 32.0 | 8.32 | 30.0 | 7.82 | 28.0 | 7.30 | 27.0 | 7.04 | 26.0 | 6.80 | 24.0 | 6.30 | 22.0 | 5.80 |
| | -1.0 | -2.0 | 32.0 | 7.98 | 30.0 | 7.48 | 28.0 | 7.00 | 27.0 | 6.76 | 26.0 | 6.52 | 24.0 | 6.04 | 22.0 | 5.56 |
| | 0.0 | -1.0 | 32.0 | 7.80 | 30.0 | 7.32 | 28.0 | 6.86 | 27.0 | 6.62 | 26.0 | 6.38 | 24.0 | 5.92 | 22.0 | 5.46 |
| | 2.0 | 1.0 | 32.0 | 7.48 | 30.0 | 7.02 | 28.0 | 6.58 | 27.0 | 6.34 | 26.0 | 6.12 | 24.0 | 5.68 | 22.0 | 5.24 |
| | 5.0 | 4.0 | 32.0 | 7.04 | 30.0 | 6.62 | 28.0 | 6.20 | 27.0 | 5.98 | 26.0 | 5.78 | 24.0 | 5.36 | 22.0 | 4.94 |
| | 7.0 | 6.0 | 32.0 | 6.76 | 30.0 | 6.36 | 28.0 | 5.96 | 27.0 | 5.76 | 26.0 | 5.56 | 24.0 | 5.16 | 22.0 | 4.76 |
| | 9.0 | 7.8 | 32.0 | 6.54 | 30.0 | 6.14 | 28.0 | 5.74 | 27.0 | 5.56 | 26.0 | 5.36 | 24.0 | 4.98 | 22.0 | 4.60 |
| | 12.0 | 10.6 | 32.0 | 6.18 | 30.0 | 5.82 | 28.0 | 5.46 | 27.0 | 5.26 | 26.0 | 5.08 | 24.0 | 4.72 | 22.0 | 4.38 |
| | 15.0 | 13.5 | 32.0 | 5.86 | 30.0 | 5.50 | 28.0 | 5.16 | 27.0 | 5.00 | 26.0 | 4.82 | 24.0 | 4.48 | 22.0 | 4.14 |

# ■ Model: AJ∗198GALDH

| Heating capacity at rated condition: 69.0 kW (22HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 92.2 (150%) | -20.0 | -20.7 | 39.5 | 14.25 | 39.2 | 14.38 | 39.0 | 14.51 | 38.8 | 14.57 | 38.7 | 14.63 | 38.4 | 14.76 | 38.2 | 14.90 |
| | -15.0 | -16.0 | 46.0 | 14.70 | 45.7 | 14.85 | 45.4 | 15.01 | 45.3 | 15.09 | 45.1 | 15.17 | 44.9 | 15.32 | 44.6 | 15.48 |
| | -12.0 | -13.0 | 50.3 | 14.99 | 49.9 | 15.15 | 49.7 | 15.32 | 49.5 | 15.40 | 49.4 | 15.49 | 49.1 | 15.66 | 48.8 | 15.83 |
| | -9.0 | -10.0 | 54.7 | 15.26 | 54.3 | 15.45 | 54.0 | 15.62 | 53.8 | 15.72 | 53.7 | 15.81 | 53.4 | 16.00 | 53.0 | 16.18 |
| | -7.0 | -8.0 | 57.6 | 15.44 | 57.3 | 15.63 | 56.9 | 15.82 | 56.7 | 15.93 | 56.6 | 16.02 | 56.2 | 16.21 | 55.8 | 16.41 |
| | -5.0 | -6.0 | 60.6 | 15.62 | 60.2 | 15.82 | 59.9 | 16.02 | 59.7 | 16.12 | 59.5 | 16.22 | 59.1 | 16.43 | 58.8 | 16.63 |
| | -3.0 | -4.0 | 63.6 | 15.80 | 63.2 | 16.00 | 62.8 | 16.21 | 62.6 | 16.32 | 62.5 | 16.42 | 62.1 | 16.64 | 61.6 | 16.85 |
| | -1.0 | -2.0 | 66.6 | 15.97 | 66.2 | 16.19 | 65.8 | 16.41 | 65.6 | 16.52 | 65.4 | 16.62 | 64.9 | 16.84 | 64.5 | 17.06 |
| | 0.0 | -1.0 | 68.1 | 16.05 | 67.7 | 16.28 | 67.3 | 16.50 | 67.1 | 16.61 | 66.8 | 16.72 | 66.4 | 16.94 | 66.0 | 17.17 |
| | 2.0 | 1.0 | 71.2 | 16.22 | 70.7 | 16.45 | 70.3 | 16.68 | 70.1 | 16.79 | 69.8 | 16.91 | 69.4 | 17.14 | 68.4 | 17.23 |
| | 5.0 | 4.0 | 75.8 | 16.46 | 75.3 | 16.70 | 74.8 | 16.94 | 74.6 | 17.07 | 74.3 | 17.18 | 73.7 | 17.43 | 70.1 | 16.69 |
| | 7.0 | 6.0 | 78.9 | 16.62 | 78.4 | 16.87 | 77.8 | 17.11 | 77.6 | 17.23 | 77.3 | 17.36 | 75.6 | 17.27 | 70.1 | 16.00 |
| | 9.0 | 7.8 | 81.7 | 16.76 | 81.1 | 17.00 | 80.5 | 17.26 | 80.2 | 17.38 | 80.0 | 17.51 | 77.0 | 17.05 | 70.1 | 15.41 |
| | 12.0 | 10.6 | 86.0 | 16.96 | 85.3 | 17.23 | 84.7 | 17.48 | 84.2 | 17.53 | 82.5 | 17.28 | 77.5 | 16.24 | 70.1 | 14.54 |
| | 15.0 | 13.5 | 90.4 | 17.17 | 89.8 | 17.44 | 88.2 | 17.43 | 86.5 | 17.18 | 84.8 | 16.94 | 77.5 | 15.30 | 70.1 | 13.71 |
| 86.1 (140%) | -20.0 | -20.7 | 39.4 | 14.30 | 39.1 | 14.43 | 38.9 | 14.56 | 38.8 | 14.62 | 38.6 | 14.69 | 38.4 | 14.81 | 38.1 | 14.94 |
| | -15.0 | -16.0 | 45.9 | 14.76 | 45.5 | 14.92 | 45.3 | 15.08 | 45.2 | 15.16 | 45.0 | 15.24 | 44.8 | 15.38 | 44.4 | 15.54 |
| | -12.0 | -13.0 | 50.1 | 15.06 | 49.9 | 15.24 | 49.5 | 15.40 | 49.4 | 15.49 | 49.2 | 15.57 | 49.0 | 15.74 | 48.6 | 15.92 |
| | -9.0 | -10.0 | 54.5 | 15.35 | 54.2 | 15.54 | 53.8 | 15.72 | 53.6 | 15.81 | 53.5 | 15.90 | 53.2 | 16.09 | 52.9 | 16.28 |
| | -7.0 | -8.0 | 57.5 | 15.55 | 57.1 | 15.74 | 56.7 | 15.93 | 56.6 | 16.02 | 56.4 | 16.12 | 56.0 | 16.32 | 55.7 | 16.51 |
| | -5.0 | -6.0 | 60.3 | 15.73 | 60.0 | 15.93 | 59.6 | 16.14 | 59.5 | 16.24 | 59.3 | 16.34 | 58.9 | 16.54 | 58.6 | 16.74 |
| | -3.0 | -4.0 | 63.3 | 15.92 | 62.9 | 16.13 | 62.6 | 16.34 | 62.3 | 16.45 | 62.2 | 16.55 | 61.8 | 16.77 | 61.4 | 16.97 |
| | -1.0 | -2.0 | 66.4 | 16.11 | 65.9 | 16.32 | 65.5 | 16.54 | 65.3 | 16.65 | 65.1 | 16.76 | 64.7 | 16.98 | 63.8 | 17.05 |
| | 0.0 | -1.0 | 67.9 | 16.20 | 67.4 | 16.42 | 67.0 | 16.64 | 66.8 | 16.75 | 66.6 | 16.86 | 66.1 | 17.09 | 64.6 | 16.94 |
| | 2.0 | 1.0 | 70.9 | 16.37 | 70.4 | 16.60 | 70.0 | 16.83 | 69.8 | 16.95 | 69.5 | 17.06 | 69.0 | 17.29 | 65.5 | 16.50 |
| | 5.0 | 4.0 | 75.4 | 16.63 | 74.9 | 16.88 | 74.4 | 17.12 | 74.1 | 17.23 | 73.9 | 17.36 | 71.5 | 16.98 | 65.5 | 15.48 |
| | 7.0 | 6.0 | 78.5 | 16.81 | 77.9 | 17.05 | 77.4 | 17.30 | 77.1 | 17.42 | 76.1 | 17.30 | 72.3 | 16.56 | 65.5 | 14.83 |
| | 9.0 | 7.8 | 81.2 | 16.95 | 80.7 | 17.20 | 80.1 | 17.45 | 79.0 | 17.35 | 77.5 | 17.10 | 72.3 | 15.95 | 65.5 | 14.29 |
| | 12.0 | 10.6 | 85.4 | 17.17 | 84.8 | 17.44 | 82.8 | 17.27 | 81.3 | 17.03 | 79.2 | 16.65 | 72.3 | 15.05 | 65.5 | 13.49 |
| | 15.0 | 13.5 | 89.9 | 17.40 | 88.3 | 17.39 | 85.1 | 16.94 | 82.7 | 16.46 | 79.2 | 15.69 | 72.3 | 14.18 | 65.5 | 12.72 |
| 79.9 (130%) | -20.0 | -20.7 | 39.2 | 14.36 | 39.0 | 14.49 | 38.7 | 14.61 | 38.6 | 14.68 | 38.5 | 14.74 | 38.3 | 14.87 | 38.0 | 15.00 |
| | -15.0 | -16.0 | 45.7 | 14.85 | 45.4 | 15.00 | 45.2 | 15.15 | 45.0 | 15.23 | 44.9 | 15.31 | 44.6 | 15.47 | 44.3 | 15.62 |
| | -12.0 | -13.0 | 49.9 | 15.16 | 49.6 | 15.33 | 49.4 | 15.49 | 49.2 | 15.58 | 49.0 | 15.66 | 48.8 | 15.84 | 48.5 | 16.01 |
| | -9.0 | -10.0 | 54.2 | 15.46 | 54.0 | 15.65 | 53.6 | 15.83 | 53.5 | 15.92 | 53.3 | 16.01 | 52.9 | 16.20 | 52.7 | 16.39 |
| | -7.0 | -8.0 | 57.2 | 15.67 | 56.8 | 15.86 | 56.5 | 16.05 | 56.3 | 16.15 | 56.2 | 16.24 | 55.8 | 16.44 | 55.5 | 16.64 |
| | -5.0 | -6.0 | 60.1 | 15.87 | 59.8 | 16.06 | 59.4 | 16.27 | 59.2 | 16.38 | 59.0 | 16.47 | 58.6 | 16.68 | 58.3 | 16.88 |
| | -3.0 | -4.0 | 63.1 | 16.07 | 62.7 | 16.28 | 62.3 | 16.48 | 62.0 | 16.59 | 61.8 | 16.69 | 61.5 | 16.91 | 60.0 | 16.72 |
| | -1.0 | -2.0 | 66.1 | 16.26 | 65.6 | 16.48 | 65.2 | 16.70 | 65.0 | 16.81 | 64.8 | 16.92 | 64.3 | 17.12 | 60.8 | 16.27 |
| | 0.0 | -1.0 | 67.6 | 16.36 | 67.1 | 16.58 | 66.7 | 16.81 | 66.5 | 16.92 | 66.3 | 17.03 | 65.1 | 17.00 | 60.8 | 15.91 |
| | 2.0 | 1.0 | 70.5 | 16.55 | 70.0 | 16.78 | 69.6 | 17.01 | 69.3 | 17.12 | 69.1 | 17.24 | 66.6 | 16.78 | 60.8 | 15.24 |
| | 5.0 | 4.0 | 75.0 | 16.83 | 74.5 | 17.08 | 74.0 | 17.31 | 73.2 | 17.25 | 71.7 | 16.99 | 67.2 | 15.92 | 60.8 | 14.29 |
| | 7.0 | 6.0 | 78.0 | 17.01 | 77.4 | 17.26 | 76.1 | 17.26 | 74.7 | 17.02 | 73.3 | 16.78 | 67.2 | 15.27 | 60.8 | 13.70 |
| | 9.0 | 7.8 | 80.7 | 17.18 | 80.1 | 17.43 | 77.6 | 17.07 | 76.1 | 16.83 | 73.6 | 16.25 | 67.2 | 14.70 | 60.8 | 13.20 |
| | 12.0 | 10.6 | 84.9 | 17.42 | 82.7 | 17.20 | 79.8 | 16.76 | 76.8 | 16.07 | 73.6 | 15.33 | 67.2 | 13.88 | 60.8 | 12.47 |
| | 15.0 | 13.5 | 87.9 | 17.28 | 85.0 | 16.87 | 79.9 | 15.86 | 76.8 | 15.14 | 73.6 | 14.45 | 67.2 | 13.08 | 60.8 | 11.75 |
| 73.8 (120%) | -20.0 | -20.7 | 39.2 | 14.42 | 38.9 | 14.54 | 38.6 | 14.67 | 38.5 | 14.74 | 38.3 | 14.80 | 38.1 | 14.93 | 37.9 | 15.07 |
| | -15.0 | -16.0 | 45.5 | 14.93 | 45.2 | 15.09 | 45.0 | 15.24 | 44.8 | 15.32 | 44.7 | 15.40 | 44.4 | 15.55 | 44.1 | 15.71 |
| | -12.0 | -13.0 | 49.8 | 15.26 | 49.4 | 15.44 | 49.2 | 15.60 | 49.0 | 15.69 | 48.9 | 15.77 | 48.5 | 15.94 | 48.3 | 16.12 |
| | -9.0 | -10.0 | 54.0 | 15.59 | 53.7 | 15.78 | 53.4 | 15.95 | 53.3 | 16.05 | 53.1 | 16.14 | 52.7 | 16.33 | 52.4 | 16.51 |
| | -7.0 | -8.0 | 56.9 | 15.80 | 56.6 | 15.99 | 56.2 | 16.20 | 56.1 | 16.29 | 55.9 | 16.39 | 55.5 | 16.58 | 54.7 | 16.58 |
| | -5.0 | -6.0 | 59.8 | 16.02 | 59.4 | 16.22 | 59.1 | 16.43 | 58.9 | 16.52 | 58.7 | 16.62 | 58.3 | 16.83 | 56.1 | 16.35 |
| | -3.0 | -4.0 | 62.8 | 16.23 | 62.4 | 16.44 | 61.9 | 16.65 | 61.7 | 16.76 | 61.5 | 16.87 | 60.2 | 16.74 | 56.1 | 15.62 |
| | -1.0 | -2.0 | 65.6 | 16.45 | 65.2 | 16.66 | 64.8 | 16.88 | 64.6 | 16.99 | 64.3 | 17.08 | 61.7 | 16.54 | 56.1 | 14.94 |
| | 0.0 | -1.0 | 67.1 | 16.55 | 66.7 | 16.77 | 66.3 | 16.99 | 66.0 | 17.10 | 65.1 | 16.96 | 62.0 | 16.27 | 56.1 | 14.61 |
| | 2.0 | 1.0 | 70.1 | 16.76 | 69.6 | 16.98 | 69.1 | 17.21 | 67.9 | 17.00 | 66.6 | 16.75 | 62.0 | 15.57 | 56.1 | 13.99 |
| | 5.0 | 4.0 | 74.5 | 17.06 | 74.0 | 17.30 | 71.6 | 16.91 | 70.3 | 16.69 | 67.9 | 16.12 | 62.0 | 14.60 | 56.1 | 13.12 |
| | 7.0 | 6.0 | 77.4 | 17.26 | 75.8 | 17.15 | 73.1 | 16.72 | 70.9 | 16.20 | 67.9 | 15.45 | 62.0 | 14.01 | 56.1 | 12.58 |
| | 9.0 | 7.8 | 79.9 | 17.37 | 77.2 | 16.95 | 73.8 | 16.32 | 70.9 | 15.60 | 67.9 | 14.88 | 62.0 | 13.49 | 56.1 | 12.13 |
| | 12.0 | 10.6 | 82.1 | 17.05 | 79.4 | 16.67 | 73.8 | 15.39 | 70.9 | 14.72 | 67.9 | 14.05 | 62.0 | 12.74 | 56.1 | 11.46 |
| | 15.0 | 13.5 | 84.4 | 16.74 | 79.7 | 15.80 | 73.8 | 14.51 | 70.9 | 13.88 | 67.9 | 13.24 | 62.0 | 12.01 | 56.1 | 10.81 |
| 67.6 (110%) | -20.0 | -20.7 | 39.0 | 14.49 | 38.7 | 14.62 | 38.5 | 14.75 | 38.3 | 14.81 | 38.2 | 14.87 | 37.9 | 15.01 | 37.7 | 15.14 |
| | -15.0 | -16.0 | 45.4 | 15.04 | 45.0 | 15.20 | 44.8 | 15.35 | 44.7 | 15.42 | 44.5 | 15.50 | 44.3 | 15.66 | 43.9 | 15.81 |
| | -12.0 | -13.0 | 49.5 | 15.39 | 49.2 | 15.56 | 48.9 | 15.73 | 48.7 | 15.82 | 48.6 | 15.90 | 48.3 | 16.07 | 48.0 | 16.23 |
| | -9.0 | -10.0 | 53.7 | 15.75 | 53.4 | 15.92 | 53.1 | 16.11 | 53.0 | 16.19 | 52.8 | 16.29 | 52.4 | 16.48 | 50.9 | 16.18 |
| | -7.0 | -8.0 | 56.6 | 15.97 | 56.3 | 16.17 | 55.9 | 16.36 | 55.8 | 16.45 | 55.6 | 16.55 | 54.7 | 16.55 | 51.4 | 15.63 |
| | -5.0 | -6.0 | 59.5 | 16.20 | 59.1 | 16.40 | 58.7 | 16.61 | 58.6 | 16.71 | 58.4 | 16.80 | 56.2 | 16.34 | 51.4 | 14.91 |
| | -3.0 | -4.0 | 62.3 | 16.43 | 61.9 | 16.64 | 61.6 | 16.85 | 61.3 | 16.92 | 60.1 | 16.66 | 56.8 | 15.85 | 51.4 | 14.24 |
| | -1.0 | -2.0 | 65.3 | 16.67 | 64.8 | 16.88 | 64.0 | 16.94 | 62.8 | 16.70 | 61.6 | 16.46 | 56.8 | 15.15 | 51.4 | 13.62 |
| | 0.0 | -1.0 | 66.6 | 16.78 | 66.2 | 17.00 | 64.7 | 16.84 | 63.5 | 16.60 | 62.2 | 16.34 | 56.8 | 14.82 | 51.4 | 13.33 |
| | 2.0 | 1.0 | 69.6 | 17.00 | 68.7 | 17.07 | 66.2 | 16.63 | 64.9 | 16.38 | 62.2 | 15.64 | 56.8 | 14.19 | 51.4 | 12.77 |
| | 5.0 | 4.0 | 73.4 | 17.17 | 71.0 | 16.76 | 67.6 | 16.06 | 64.9 | 15.36 | 62.2 | 14.67 | 56.8 | 13.31 | 51.4 | 11.99 |
| | 7.0 | 6.0 | 75.0 | 16.96 | 72.5 | 16.57 | 67.6 | 15.39 | 64.9 | 14.73 | 62.2 | 14.07 | 56.8 | 12.76 | 51.4 | 11.50 |
| | 9.0 | 7.8 | 76.4 | 16.77 | 73.1 | 16.14 | 67.6 | 14.83 | 64.9 | 14.18 | 62.2 | 13.54 | 56.8 | 12.30 | 51.4 | 11.08 |
| | 12.0 | 10.6 | 78.5 | 16.48 | 73.1 | 15.23 | 67.6 | 13.99 | 64.9 | 13.39 | 62.2 | 12.80 | 56.8 | 11.62 | 51.4 | 10.47 |
| | 15.0 | 13.5 | 78.5 | 15.53 | 73.1 | 14.35 | 67.6 | 13.19 | 64.9 | 12.63 | 62.2 | 12.06 | 56.8 | 10.96 | 51.4 | 9.88 |

MODEL SELECTION

| Heating capacity at rated condition: 69.0 kW (22HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 61.5 (100%) | -20.0 | -20.7 | 38.7 | 14.58 | 38.5 | 14.71 | 38.3 | 14.84 | 38.1 | 14.90 | 38.0 | 14.97 | 37.8 | 15.09 | 37.6 | 15.23 |
| | -15.0 | -16.0 | 45.1 | 15.17 | 44.9 | 15.32 | 44.6 | 15.47 | 44.4 | 15.55 | 44.3 | 15.63 | 44.0 | 15.78 | 43.8 | 15.94 |
| | -12.0 | -13.0 | 49.3 | 15.54 | 48.9 | 15.71 | 48.6 | 15.88 | 48.5 | 15.96 | 48.4 | 16.05 | 48.0 | 16.22 | 46.4 | 15.83 |
| | -9.0 | -10.0 | 53.4 | 15.91 | 53.1 | 16.10 | 52.8 | 16.28 | 52.6 | 16.37 | 52.5 | 16.47 | 50.7 | 16.09 | 46.8 | 14.83 |
| | -7.0 | -8.0 | 56.2 | 16.17 | 55.8 | 16.36 | 55.5 | 16.56 | 55.4 | 16.65 | 54.3 | 16.41 | 51.7 | 15.71 | 46.8 | 14.14 |
| | -5.0 | -6.0 | 59.0 | 16.42 | 58.6 | 16.62 | 58.0 | 16.70 | 56.9 | 16.45 | 55.8 | 16.21 | 51.7 | 14.99 | 46.8 | 13.49 |
| | -3.0 | -4.0 | 61.8 | 16.67 | 61.5 | 16.87 | 59.5 | 16.48 | 58.4 | 16.26 | 56.6 | 15.77 | 51.7 | 14.32 | 46.8 | 12.90 |
| | -1.0 | -2.0 | 64.7 | 16.92 | 63.2 | 16.72 | 61.0 | 16.30 | 59.0 | 15.78 | 56.6 | 15.08 | 51.7 | 13.70 | 46.8 | 12.34 |
| | 0.0 | -1.0 | 66.1 | 17.04 | 63.9 | 16.62 | 61.5 | 16.14 | 59.0 | 15.44 | 56.6 | 14.75 | 51.7 | 13.40 | 46.8 | 12.07 |
| | 2.0 | 1.0 | 67.6 | 16.82 | 65.4 | 16.43 | 61.5 | 15.44 | 59.0 | 14.78 | 56.6 | 14.13 | 51.7 | 12.84 | 46.8 | 11.58 |
| | 5.0 | 4.0 | 69.9 | 16.54 | 66.4 | 15.74 | 61.5 | 14.49 | 59.0 | 13.87 | 56.6 | 13.25 | 51.7 | 12.05 | 46.8 | 10.87 |
| | 7.0 | 6.0 | 71.3 | 16.32 | 66.4 | 15.10 | 61.5 | 13.89 | 59.0 | 13.30 | 56.6 | 12.71 | 51.7 | 11.55 | 46.8 | 10.42 |
| | 9.0 | 7.8 | 71.3 | 15.72 | 66.4 | 14.54 | 61.5 | 13.38 | 59.0 | 12.81 | 56.6 | 12.25 | 51.7 | 11.14 | 46.8 | 10.06 |
| | 12.0 | 10.6 | 71.3 | 14.83 | 66.4 | 13.72 | 61.5 | 12.63 | 59.0 | 12.10 | 56.6 | 11.57 | 51.7 | 10.52 | 46.8 | 9.50 |
| | 15.0 | 13.5 | 71.3 | 13.98 | 66.4 | 12.94 | 61.5 | 11.91 | 59.0 | 11.41 | 56.6 | 10.92 | 51.7 | 9.93 | 46.8 | 8.98 |
| 55.3 (90%) | -20.0 | -20.7 | 38.6 | 14.69 | 38.3 | 14.82 | 38.0 | 14.95 | 38.0 | 15.01 | 37.8 | 15.07 | 37.6 | 15.20 | 37.3 | 15.34 |
| | -15.0 | -16.0 | 44.8 | 15.32 | 44.6 | 15.47 | 44.3 | 15.63 | 44.2 | 15.71 | 44.0 | 15.78 | 43.7 | 15.93 | 41.9 | 15.43 |
| | -12.0 | -13.0 | 48.8 | 15.72 | 48.6 | 15.89 | 48.3 | 16.07 | 48.1 | 16.15 | 47.9 | 16.20 | 46.0 | 15.68 | 42.1 | 14.32 |
| | -9.0 | -10.0 | 53.1 | 16.13 | 52.7 | 16.32 | 52.1 | 16.37 | 51.1 | 16.13 | 50.1 | 15.90 | 46.5 | 14.75 | 42.1 | 13.30 |
| | -7.0 | -8.0 | 55.7 | 16.41 | 55.5 | 16.60 | 53.5 | 16.17 | 52.5 | 15.95 | 50.9 | 15.47 | 46.5 | 14.06 | 42.1 | 12.68 |
| | -5.0 | -6.0 | 58.5 | 16.68 | 57.0 | 16.40 | 55.0 | 15.99 | 53.1 | 15.44 | 50.9 | 14.77 | 46.5 | 13.43 | 42.1 | 12.12 |
| | -3.0 | -4.0 | 60.4 | 16.61 | 58.4 | 16.22 | 55.3 | 15.42 | 53.1 | 14.76 | 50.9 | 14.11 | 46.5 | 12.83 | 42.1 | 11.58 |
| | -1.0 | -2.0 | 61.9 | 16.42 | 59.8 | 16.00 | 55.3 | 14.74 | 53.1 | 14.11 | 50.9 | 13.50 | 46.5 | 12.28 | 42.1 | 11.08 |
| | 0.0 | -1.0 | 62.7 | 16.33 | 59.8 | 15.65 | 55.3 | 14.41 | 53.1 | 13.81 | 50.9 | 13.20 | 46.5 | 12.01 | 42.1 | 10.85 |
| | 2.0 | 1.0 | 64.2 | 16.17 | 59.8 | 14.98 | 55.3 | 13.81 | 53.1 | 13.22 | 50.9 | 12.65 | 46.5 | 11.51 | 42.1 | 10.39 |
| | 5.0 | 4.0 | 64.2 | 15.18 | 59.8 | 14.06 | 55.3 | 12.95 | 53.1 | 12.41 | 50.9 | 11.87 | 46.5 | 10.81 | 42.1 | 9.77 |
| | 7.0 | 6.0 | 64.2 | 14.56 | 59.8 | 13.48 | 55.3 | 12.42 | 53.1 | 11.90 | 50.9 | 11.39 | 46.5 | 10.38 | 42.1 | 9.38 |
| | 9.0 | 7.8 | 64.2 | 14.02 | 59.8 | 12.98 | 55.3 | 11.97 | 53.1 | 11.48 | 50.9 | 10.98 | 46.5 | 10.00 | 42.1 | 9.05 |
| | 12.0 | 10.6 | 64.2 | 13.24 | 59.8 | 12.26 | 55.3 | 11.31 | 53.1 | 10.84 | 50.9 | 10.37 | 46.5 | 9.46 | 42.1 | 8.55 |
| | 15.0 | 13.5 | 64.2 | 12.48 | 59.8 | 11.57 | 55.3 | 10.67 | 53.1 | 10.23 | 50.9 | 9.79 | 46.5 | 8.93 | 42.1 | 8.09 |
| 49.2 (80%) | -20.0 | -20.7 | 38.2 | 14.82 | 38.0 | 14.95 | 37.8 | 15.08 | 37.7 | 15.15 | 37.5 | 15.22 | 37.3 | 15.34 | 36.4 | 15.15 |
| | -15.0 | -16.0 | 44.4 | 15.51 | 44.2 | 15.67 | 43.9 | 15.81 | 43.7 | 15.89 | 43.1 | 15.71 | 41.3 | 15.22 | 37.4 | 13.72 |
| | -12.0 | -13.0 | 48.5 | 15.95 | 48.2 | 16.11 | 46.9 | 15.87 | 46.1 | 15.64 | 45.2 | 15.43 | 41.3 | 14.06 | 37.4 | 12.70 |
| | -9.0 | -10.0 | 52.6 | 16.40 | 50.8 | 16.01 | 49.1 | 15.61 | 47.2 | 15.00 | 45.3 | 14.35 | 41.3 | 13.07 | 37.4 | 11.79 |
| | -7.0 | -8.0 | 54.0 | 16.22 | 52.3 | 15.84 | 49.2 | 14.93 | 47.2 | 14.30 | 45.3 | 13.68 | 41.3 | 12.46 | 37.4 | 11.26 |
| | -5.0 | -6.0 | 55.5 | 16.04 | 53.1 | 15.46 | 49.2 | 14.25 | 47.2 | 13.65 | 45.3 | 13.06 | 41.3 | 11.90 | 37.4 | 10.75 |
| | -3.0 | -4.0 | 56.9 | 15.89 | 53.1 | 14.77 | 49.2 | 13.61 | 47.2 | 13.04 | 45.3 | 12.49 | 41.3 | 11.37 | 37.4 | 10.29 |
| | -1.0 | -2.0 | 57.1 | 15.23 | 53.1 | 14.12 | 49.2 | 13.03 | 47.2 | 12.49 | 45.3 | 11.95 | 41.3 | 10.89 | 37.4 | 9.85 |
| | 0.0 | -1.0 | 57.1 | 14.90 | 53.1 | 13.81 | 49.2 | 12.75 | 47.2 | 12.21 | 45.3 | 11.69 | 41.3 | 10.66 | 37.4 | 9.64 |
| | 2.0 | 1.0 | 57.1 | 14.27 | 53.1 | 13.23 | 49.2 | 12.20 | 47.2 | 11.70 | 45.3 | 11.20 | 41.3 | 10.22 | 37.4 | 9.24 |
| | 5.0 | 4.0 | 57.1 | 13.38 | 53.1 | 12.41 | 49.2 | 11.46 | 47.2 | 10.99 | 45.3 | 10.52 | 41.3 | 9.60 | 37.4 | 8.70 |
| | 7.0 | 6.0 | 57.1 | 12.83 | 53.1 | 11.90 | 49.2 | 10.99 | 47.2 | 10.55 | 45.3 | 10.10 | 41.3 | 9.22 | 37.4 | 8.36 |
| | 9.0 | 7.8 | 57.1 | 12.36 | 53.1 | 11.48 | 49.2 | 10.60 | 47.2 | 10.16 | 45.3 | 9.74 | 41.3 | 8.89 | 37.4 | 8.06 |
| | 12.0 | 10.6 | 57.1 | 11.69 | 53.1 | 10.84 | 49.2 | 10.02 | 47.2 | 9.62 | 45.3 | 9.21 | 41.3 | 8.41 | 37.4 | 7.63 |
| | 15.0 | 13.5 | 57.1 | 11.02 | 53.1 | 10.23 | 49.2 | 9.45 | 47.2 | 9.08 | 45.3 | 8.70 | 41.3 | 7.95 | 37.4 | 7.21 |
| 43.0 (70%) | -20.0 | -20.7 | 37.9 | 15.00 | 37.7 | 15.13 | 37.4 | 15.26 | 37.3 | 15.32 | 37.1 | 15.33 | 35.6 | 14.83 | 32.7 | 13.67 |
| | -15.0 | -16.0 | 44.0 | 15.75 | 43.3 | 15.73 | 41.8 | 15.29 | 41.1 | 15.09 | 39.6 | 14.56 | 36.2 | 13.27 | 32.7 | 11.99 |
| | -12.0 | -13.0 | 47.0 | 15.82 | 45.5 | 15.44 | 43.0 | 14.68 | 41.3 | 14.07 | 39.6 | 13.47 | 36.2 | 12.27 | 32.7 | 11.10 |
| | -9.0 | -10.0 | 49.1 | 15.57 | 46.5 | 14.76 | 43.0 | 13.63 | 41.3 | 13.06 | 39.6 | 12.51 | 36.2 | 11.41 | 32.7 | 10.33 |
| | -7.0 | -8.0 | 49.9 | 15.17 | 46.5 | 14.07 | 43.0 | 12.99 | 41.3 | 12.46 | 39.6 | 11.93 | 36.2 | 10.89 | 32.7 | 9.86 |
| | -5.0 | -6.0 | 49.9 | 14.48 | 46.5 | 13.44 | 43.0 | 12.41 | 41.3 | 11.90 | 39.6 | 11.40 | 36.2 | 10.40 | 32.7 | 9.43 |
| | -3.0 | -4.0 | 49.9 | 13.83 | 46.5 | 12.84 | 43.0 | 11.86 | 41.3 | 11.38 | 39.6 | 10.90 | 36.2 | 9.95 | 32.7 | 9.02 |
| | -1.0 | -2.0 | 49.9 | 13.24 | 46.5 | 12.29 | 43.0 | 11.35 | 41.3 | 10.89 | 39.6 | 10.44 | 36.2 | 9.53 | 32.7 | 8.65 |
| | 0.0 | -1.0 | 49.9 | 12.95 | 46.5 | 12.02 | 43.0 | 11.12 | 41.3 | 10.66 | 39.6 | 10.22 | 36.2 | 9.34 | 32.7 | 8.47 |
| | 2.0 | 1.0 | 49.9 | 12.40 | 46.5 | 11.52 | 43.0 | 10.65 | 41.3 | 10.22 | 39.6 | 9.80 | 36.2 | 8.95 | 32.7 | 8.13 |
| | 5.0 | 4.0 | 49.9 | 11.64 | 46.5 | 10.81 | 43.0 | 10.01 | 41.3 | 9.60 | 39.6 | 9.21 | 36.2 | 8.42 | 32.7 | 7.64 |
| | 7.0 | 6.0 | 49.9 | 11.17 | 46.5 | 10.38 | 43.0 | 9.61 | 41.3 | 9.22 | 39.6 | 8.84 | 36.2 | 8.09 | 32.7 | 7.35 |
| | 9.0 | 7.8 | 49.9 | 10.77 | 46.5 | 10.01 | 43.0 | 9.26 | 41.3 | 8.90 | 39.6 | 8.53 | 36.2 | 7.80 | 32.7 | 7.10 |
| | 12.0 | 10.6 | 49.9 | 10.17 | 46.5 | 9.47 | 43.0 | 8.77 | 41.3 | 8.41 | 39.6 | 8.07 | 36.2 | 7.39 | 32.7 | 6.72 |
| | 15.0 | 13.5 | 49.9 | 9.60 | 46.5 | 8.93 | 43.0 | 8.28 | 41.3 | 7.95 | 39.6 | 7.63 | 36.2 | 6.99 | 32.7 | 6.36 |
| 36.9 (60%) | -20.0 | -20.7 | 37.4 | 15.23 | 36.9 | 15.21 | 35.6 | 14.79 | 35.0 | 14.58 | 34.0 | 14.21 | 31.0 | 12.95 | 28.1 | 11.72 |
| | -15.0 | -16.0 | 41.4 | 15.14 | 39.8 | 14.66 | 36.9 | 13.55 | 35.4 | 12.99 | 34.0 | 12.45 | 31.0 | 11.36 | 28.1 | 10.29 |
| | -12.0 | -13.0 | 42.8 | 14.59 | 39.8 | 13.56 | 36.9 | 12.53 | 35.4 | 12.03 | 34.0 | 11.52 | 31.0 | 10.52 | 28.1 | 9.54 |
| | -9.0 | -10.0 | 42.8 | 13.56 | 39.8 | 12.59 | 36.9 | 11.65 | 35.4 | 11.18 | 34.0 | 10.72 | 31.0 | 9.80 | 28.1 | 8.89 |
| | -7.0 | -8.0 | 42.8 | 12.93 | 39.8 | 12.01 | 36.9 | 11.12 | 35.4 | 10.67 | 34.0 | 10.23 | 31.0 | 9.35 | 28.1 | 8.49 |
| | -5.0 | -6.0 | 42.8 | 12.34 | 39.8 | 11.47 | 36.9 | 10.62 | 35.4 | 10.20 | 34.0 | 9.77 | 31.0 | 8.94 | 28.1 | 8.12 |
| | -3.0 | -4.0 | 42.8 | 11.79 | 39.8 | 10.98 | 36.9 | 10.16 | 35.4 | 9.76 | 34.0 | 9.36 | 31.0 | 8.56 | 28.1 | 7.79 |
| | -1.0 | -2.0 | 42.8 | 11.29 | 39.8 | 10.51 | 36.9 | 9.73 | 35.4 | 9.35 | 34.0 | 8.97 | 31.0 | 8.21 | 28.1 | 7.47 |
| | 0.0 | -1.0 | 42.8 | 11.06 | 39.8 | 10.28 | 36.9 | 9.53 | 35.4 | 9.15 | 34.0 | 8.78 | 31.0 | 8.04 | 28.1 | 7.32 |
| | 2.0 | 1.0 | 42.8 | 10.59 | 39.8 | 9.86 | 36.9 | 9.14 | 35.4 | 8.78 | 34.0 | 8.42 | 31.0 | 7.72 | 28.1 | 7.02 |
| | 5.0 | 4.0 | 42.8 | 9.95 | 39.8 | 9.27 | 36.9 | 8.59 | 35.4 | 8.25 | 34.0 | 7.93 | 31.0 | 7.27 | 28.1 | 6.62 |
| | 7.0 | 6.0 | 42.8 | 9.55 | 39.8 | 8.90 | 36.9 | 8.25 | 35.4 | 7.93 | 34.0 | 7.61 | 31.0 | 6.99 | 28.1 | 6.37 |
| | 9.0 | 7.8 | 42.8 | 9.22 | 39.8 | 8.59 | 36.9 | 7.96 | 35.4 | 7.66 | 34.0 | 7.35 | 31.0 | 6.74 | 28.1 | 6.15 |
| | 12.0 | 10.6 | 42.8 | 8.72 | 39.8 | 8.12 | 36.9 | 7.54 | 35.4 | 7.25 | 34.0 | 6.96 | 31.0 | 6.40 | 28.1 | 5.83 |
| | 15.0 | 13.5 | 42.8 | 8.24 | 39.8 | 7.68 | 36.9 | 7.13 | 35.4 | 6.85 | 34.0 | 6.59 | 31.0 | 6.05 | 28.1 | 5.52 |

| Heating capacity at rated condition: 69.0 kW (22HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 30.8 (50%) | -20.0 | -20.7 | 34.8 | 14.48 | 33.2 | 13.89 | 30.8 | 12.85 | 29.5 | 12.34 | 28.3 | 11.83 | 25.8 | 10.80 | 23.4 | 9.80 |
| | -15.0 | -16.0 | 35.7 | 13.09 | 33.2 | 12.18 | 30.8 | 11.28 | 29.5 | 10.82 | 28.3 | 10.38 | 25.8 | 9.50 | 23.4 | 8.63 |
| | -12.0 | -13.0 | 35.7 | 12.11 | 33.2 | 11.28 | 30.8 | 10.45 | 29.5 | 10.04 | 28.3 | 9.63 | 25.8 | 8.81 | 23.4 | 8.02 |
| | -9.0 | -10.0 | 35.7 | 11.27 | 33.2 | 10.49 | 30.8 | 9.72 | 29.5 | 9.34 | 28.3 | 8.97 | 25.8 | 8.22 | 23.4 | 7.48 |
| | -7.0 | -8.0 | 35.7 | 10.75 | 33.2 | 10.01 | 30.8 | 9.29 | 29.5 | 8.92 | 28.3 | 8.57 | 25.8 | 7.86 | 23.4 | 7.15 |
| | -5.0 | -6.0 | 35.7 | 10.27 | 33.2 | 9.57 | 30.8 | 8.88 | 29.5 | 8.54 | 28.3 | 8.20 | 25.8 | 7.52 | 23.4 | 6.86 |
| | -3.0 | -4.0 | 35.7 | 9.83 | 33.2 | 9.17 | 30.8 | 8.50 | 29.5 | 8.17 | 28.3 | 7.85 | 25.8 | 7.21 | 23.4 | 6.57 |
| | -1.0 | -2.0 | 35.7 | 9.42 | 33.2 | 8.78 | 30.8 | 8.15 | 29.5 | 7.84 | 28.3 | 7.53 | 25.8 | 6.92 | 23.4 | 6.31 |
| | 0.0 | -1.0 | 35.7 | 9.21 | 33.2 | 8.59 | 30.8 | 7.99 | 29.5 | 7.68 | 28.3 | 7.38 | 25.8 | 6.78 | 23.4 | 6.19 |
| | 2.0 | 1.0 | 35.7 | 8.84 | 33.2 | 8.24 | 30.8 | 7.67 | 29.5 | 7.37 | 28.3 | 7.08 | 25.8 | 6.51 | 23.4 | 5.94 |
| | 5.0 | 4.0 | 35.7 | 8.32 | 33.2 | 7.77 | 30.8 | 7.22 | 29.5 | 6.94 | 28.3 | 6.68 | 25.8 | 6.14 | 23.4 | 5.61 |
| | 7.0 | 6.0 | 35.7 | 7.99 | 33.2 | 7.46 | 30.8 | 6.94 | 29.5 | 6.68 | 28.3 | 6.43 | 25.8 | 5.91 | 23.4 | 5.40 |
| | 9.0 | 7.8 | 35.7 | 7.72 | 33.2 | 7.20 | 30.8 | 6.70 | 29.5 | 6.45 | 28.3 | 6.20 | 25.8 | 5.71 | 23.4 | 5.22 |
| | 12.0 | 10.6 | 35.7 | 7.30 | 33.2 | 6.82 | 30.8 | 6.36 | 29.5 | 6.11 | 28.3 | 5.88 | 25.8 | 5.42 | 23.4 | 4.97 |
| | 15.0 | 13.5 | 35.7 | 6.91 | 33.2 | 6.45 | 30.8 | 6.01 | 29.5 | 5.80 | 28.3 | 5.57 | 25.8 | 5.14 | 23.4 | 4.71 |

# ■ Model: AJ∗216GALDH

| Heating capacity at rated condition: 75.0 kW (24HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 100.5 (150%) | -20.0 | -20.7 | 39.6 | 14.82 | 39.4 | 14.98 | 39.1 | 15.14 | 39.0 | 15.22 | 38.8 | 15.30 | 38.6 | 15.46 | 38.4 | 15.64 |
| | -15.0 | -16.0 | 46.4 | 15.34 | 46.2 | 15.52 | 45.9 | 15.72 | 45.8 | 15.82 | 45.6 | 15.92 | 45.4 | 16.12 | 45.2 | 16.32 |
| | -12.0 | -13.0 | 51.0 | 15.66 | 50.6 | 15.86 | 50.4 | 16.08 | 50.2 | 16.18 | 50.2 | 16.30 | 49.8 | 16.50 | 49.6 | 16.72 |
| | -9.0 | -10.0 | 55.6 | 15.96 | 55.2 | 16.20 | 54.9 | 16.42 | 54.8 | 16.54 | 54.6 | 16.66 | 54.4 | 16.90 | 54.0 | 17.12 |
| | -7.0 | -8.0 | 58.6 | 16.16 | 58.4 | 16.40 | 58.0 | 16.64 | 57.8 | 16.78 | 57.8 | 16.90 | 57.4 | 17.14 | 57.0 | 17.38 |
| | -5.0 | -6.0 | 61.8 | 16.36 | 61.4 | 16.62 | 61.1 | 16.86 | 61.0 | 17.00 | 60.8 | 17.12 | 60.4 | 17.38 | 60.2 | 17.64 |
| | -3.0 | -4.0 | 65.0 | 16.56 | 64.6 | 16.82 | 64.3 | 17.08 | 64.0 | 17.22 | 64.0 | 17.34 | 63.6 | 17.62 | 63.2 | 17.88 |
| | -1.0 | -2.0 | 68.2 | 16.74 | 67.8 | 17.02 | 67.4 | 17.30 | 67.2 | 17.44 | 67.0 | 17.56 | 66.6 | 17.84 | 66.2 | 18.12 |
| | 0.0 | -1.0 | 69.8 | 16.84 | 69.4 | 17.12 | 69.0 | 17.40 | 68.8 | 17.54 | 68.6 | 17.68 | 68.2 | 17.96 | 67.8 | 18.24 |
| | 2.0 | 1.0 | 73.0 | 17.02 | 72.6 | 17.30 | 72.2 | 17.60 | 72.0 | 17.74 | 71.8 | 17.88 | 71.4 | 18.18 | 70.8 | 18.48 |
| | 5.0 | 4.0 | 78.0 | 17.28 | 77.4 | 17.58 | 77.0 | 17.88 | 76.8 | 18.04 | 76.6 | 18.18 | 76.0 | 18.50 | 74.2 | 18.40 |
| | 7.0 | 6.0 | 81.2 | 17.44 | 80.8 | 17.76 | 80.2 | 18.06 | 80.0 | 18.22 | 79.8 | 18.38 | 79.2 | 18.70 | 74.2 | 17.64 |
| | 9.0 | 7.8 | 84.2 | 17.60 | 83.6 | 17.90 | 83.1 | 18.22 | 82.8 | 18.38 | 82.6 | 18.54 | 82.0 | 18.86 | 74.2 | 16.98 |
| | 12.0 | 10.6 | 88.8 | 17.80 | 88.2 | 18.14 | 87.7 | 18.46 | 87.4 | 18.62 | 87.0 | 18.80 | 83.0 | 18.10 | 74.2 | 16.02 |
| | 15.0 | 13.5 | 93.6 | 18.02 | 93.0 | 18.36 | 92.3 | 18.70 | 92.0 | 18.86 | 91.6 | 19.04 | 83.0 | 17.04 | 74.2 | 15.10 |
| 93.8 (140%) | -20.0 | -20.7 | 39.6 | 14.88 | 39.2 | 15.04 | 39.1 | 15.20 | 39.0 | 15.28 | 38.8 | 15.36 | 38.6 | 15.52 | 38.4 | 15.68 |
| | -15.0 | -16.0 | 46.4 | 15.40 | 46.0 | 15.60 | 45.8 | 15.80 | 45.8 | 15.90 | 45.6 | 16.00 | 45.4 | 16.18 | 45.0 | 16.38 |
| | -12.0 | -13.0 | 50.8 | 15.74 | 50.6 | 15.96 | 50.3 | 16.16 | 50.2 | 16.28 | 50.0 | 16.38 | 49.8 | 16.60 | 49.4 | 16.82 |
| | -9.0 | -10.0 | 55.4 | 16.06 | 55.2 | 16.30 | 54.8 | 16.52 | 54.6 | 16.64 | 54.6 | 16.76 | 54.2 | 17.00 | 54.0 | 17.24 |
| | -7.0 | -8.0 | 58.6 | 16.28 | 58.2 | 16.52 | 57.9 | 16.76 | 57.8 | 16.88 | 57.6 | 17.00 | 57.2 | 17.26 | 57.0 | 17.50 |
| | -5.0 | -6.0 | 61.6 | 16.48 | 61.4 | 16.74 | 61.0 | 17.00 | 60.8 | 17.12 | 60.6 | 17.26 | 60.2 | 17.50 | 60.0 | 17.76 |
| | -3.0 | -4.0 | 64.8 | 16.70 | 64.4 | 16.96 | 64.1 | 17.22 | 63.8 | 17.36 | 63.8 | 17.48 | 63.4 | 17.76 | 63.0 | 18.02 |
| | -1.0 | -2.0 | 68.0 | 16.90 | 67.6 | 17.16 | 67.2 | 17.44 | 67.0 | 17.58 | 66.8 | 17.72 | 66.4 | 18.00 | 66.0 | 18.28 |
| | 0.0 | -1.0 | 69.6 | 17.00 | 69.2 | 17.28 | 68.8 | 17.56 | 68.6 | 17.70 | 68.4 | 17.84 | 68.0 | 18.12 | 67.6 | 18.40 |
| | 2.0 | 1.0 | 72.8 | 17.18 | 72.4 | 17.48 | 71.9 | 17.76 | 71.8 | 17.92 | 71.6 | 18.06 | 71.0 | 18.34 | 69.4 | 18.20 |
| | 5.0 | 4.0 | 77.6 | 17.46 | 77.2 | 17.78 | 76.7 | 18.08 | 76.4 | 18.22 | 76.2 | 18.38 | 75.8 | 18.68 | 69.4 | 17.08 |
| | 7.0 | 6.0 | 81.0 | 17.66 | 80.4 | 17.96 | 79.9 | 18.28 | 79.6 | 18.42 | 79.4 | 18.58 | 77.4 | 18.46 | 69.4 | 16.36 |
| | 9.0 | 7.8 | 83.8 | 17.80 | 83.4 | 18.12 | 82.8 | 18.44 | 82.4 | 18.60 | 82.2 | 18.76 | 77.4 | 17.78 | 69.4 | 15.76 |
| | 12.0 | 10.6 | 88.4 | 18.04 | 87.8 | 18.38 | 87.2 | 18.70 | 87.0 | 18.86 | 85.6 | 18.74 | 77.4 | 16.78 | 69.4 | 14.88 |
| | 15.0 | 13.5 | 93.2 | 18.28 | 92.6 | 18.62 | 91.8 | 18.94 | 89.8 | 18.58 | 85.6 | 17.64 | 77.4 | 15.80 | 69.4 | 14.02 |
| 87.1 (130%) | -20.0 | -20.7 | 39.4 | 14.94 | 39.2 | 15.10 | 39.0 | 15.26 | 38.8 | 15.34 | 38.8 | 15.42 | 38.6 | 15.58 | 38.2 | 15.74 |
| | -15.0 | -16.0 | 46.2 | 15.50 | 46.0 | 15.68 | 45.7 | 15.88 | 45.6 | 15.98 | 45.4 | 16.08 | 45.2 | 16.28 | 45.0 | 16.46 |
| | -12.0 | -13.0 | 50.6 | 15.84 | 50.4 | 16.06 | 50.2 | 16.26 | 50.0 | 16.38 | 49.8 | 16.48 | 49.6 | 16.70 | 49.4 | 16.92 |
| | -9.0 | -10.0 | 55.2 | 16.18 | 55.0 | 16.42 | 54.7 | 16.64 | 54.6 | 16.76 | 54.4 | 16.88 | 54.0 | 17.12 | 53.8 | 17.36 |
| | -7.0 | -8.0 | 58.4 | 16.42 | 58.0 | 16.66 | 57.7 | 16.90 | 57.6 | 17.02 | 57.4 | 17.14 | 57.0 | 17.38 | 56.8 | 17.64 |
| | -5.0 | -6.0 | 61.4 | 16.64 | 61.2 | 16.88 | 60.8 | 17.14 | 60.6 | 17.28 | 60.4 | 17.40 | 60.0 | 17.66 | 59.8 | 17.92 |
| | -3.0 | -4.0 | 64.6 | 16.86 | 64.2 | 17.12 | 63.9 | 17.38 | 63.6 | 17.52 | 63.4 | 17.64 | 63.2 | 17.92 | 62.8 | 18.18 |
| | -1.0 | -2.0 | 67.8 | 17.06 | 67.4 | 17.34 | 67.0 | 17.62 | 66.8 | 17.76 | 66.6 | 17.90 | 66.2 | 18.18 | 64.4 | 17.96 |
| | 0.0 | -1.0 | 69.4 | 17.18 | 69.0 | 17.46 | 68.5 | 17.74 | 68.4 | 17.88 | 68.2 | 18.02 | 67.8 | 18.30 | 64.4 | 17.56 |
| | 2.0 | 1.0 | 72.6 | 17.38 | 72.0 | 17.68 | 71.6 | 17.96 | 71.4 | 18.10 | 71.2 | 18.26 | 70.8 | 18.54 | 64.4 | 16.82 |
| | 5.0 | 4.0 | 77.4 | 17.68 | 76.8 | 18.00 | 76.4 | 18.30 | 76.2 | 18.44 | 75.8 | 18.60 | 72.0 | 17.76 | 64.4 | 15.78 |
| | 7.0 | 6.0 | 80.6 | 17.88 | 80.0 | 18.20 | 79.5 | 18.50 | 79.2 | 18.66 | 79.0 | 18.82 | 72.0 | 17.04 | 64.4 | 15.12 |
| | 9.0 | 7.8 | 83.4 | 18.06 | 82.8 | 18.38 | 82.3 | 18.70 | 82.0 | 18.84 | 79.6 | 18.30 | 72.0 | 16.40 | 64.4 | 14.58 |
| | 12.0 | 10.6 | 88.0 | 18.32 | 87.4 | 18.64 | 86.7 | 18.96 | 83.4 | 18.16 | 79.6 | 17.26 | 72.0 | 15.48 | 64.4 | 13.76 |
| | 15.0 | 13.5 | 92.6 | 18.56 | 92.0 | 18.90 | 87.1 | 17.98 | 83.4 | 17.10 | 79.6 | 16.26 | 72.0 | 14.58 | 64.4 | 12.96 |
| 80.4(120%) | -20.0 | -20.7 | 39.4 | 15.00 | 39.2 | 15.16 | 38.9 | 15.32 | 38.8 | 15.40 | 38.6 | 15.48 | 38.4 | 15.64 | 38.2 | 15.82 |
| | -15.0 | -16.0 | 46.0 | 15.58 | 45.8 | 15.78 | 45.6 | 15.98 | 45.4 | 16.08 | 45.4 | 16.18 | 45.0 | 16.36 | 44.8 | 16.56 |
| | -12.0 | -13.0 | 50.6 | 15.96 | 50.2 | 16.18 | 50.0 | 16.38 | 49.8 | 16.50 | 49.8 | 16.60 | 49.4 | 16.82 | 49.2 | 17.04 |
| | -9.0 | -10.0 | 55.0 | 16.32 | 54.8 | 16.56 | 54.5 | 16.78 | 54.4 | 16.90 | 54.2 | 17.02 | 53.8 | 17.26 | 53.6 | 17.48 |
| | -7.0 | -8.0 | 58.2 | 16.56 | 57.8 | 16.80 | 57.5 | 17.06 | 57.4 | 17.18 | 57.2 | 17.30 | 56.8 | 17.54 | 56.6 | 17.78 |
| | -5.0 | -6.0 | 61.2 | 16.80 | 60.8 | 17.06 | 60.5 | 17.32 | 60.4 | 17.44 | 60.2 | 17.56 | 59.8 | 17.82 | 59.4 | 18.04 |
| | -3.0 | -4.0 | 64.4 | 17.04 | 64.0 | 17.30 | 63.6 | 17.56 | 63.4 | 17.70 | 63.2 | 17.84 | 62.8 | 18.10 | 59.4 | 17.24 |
| | -1.0 | -2.0 | 67.4 | 17.28 | 67.0 | 17.54 | 66.7 | 17.82 | 66.4 | 17.96 | 66.2 | 18.10 | 65.8 | 18.38 | 59.4 | 16.50 |
| | 0.0 | -1.0 | 69.0 | 17.38 | 68.6 | 17.66 | 68.2 | 17.94 | 68.0 | 18.08 | 67.8 | 18.22 | 66.4 | 18.16 | 59.4 | 16.14 |
| | 2.0 | 1.0 | 72.2 | 17.62 | 71.8 | 17.90 | 71.3 | 18.18 | 71.0 | 18.34 | 70.8 | 18.48 | 66.4 | 17.38 | 59.4 | 15.46 |
| | 5.0 | 4.0 | 77.0 | 17.94 | 76.4 | 18.24 | 75.9 | 18.54 | 75.8 | 18.70 | 73.4 | 18.16 | 66.4 | 16.30 | 59.4 | 14.50 |
| | 7.0 | 6.0 | 80.0 | 18.16 | 79.6 | 18.46 | 79.0 | 18.78 | 77.0 | 18.32 | 73.4 | 17.40 | 66.4 | 15.64 | 59.4 | 13.90 |
| | 9.0 | 7.8 | 83.0 | 18.34 | 82.4 | 18.66 | 80.4 | 18.52 | 77.0 | 17.64 | 73.4 | 16.76 | 66.4 | 15.06 | 59.4 | 13.40 |
| | 12.0 | 10.6 | 87.4 | 18.62 | 86.8 | 18.96 | 80.4 | 17.46 | 77.0 | 16.64 | 73.4 | 15.82 | 66.4 | 14.22 | 59.4 | 12.66 |
| | 15.0 | 13.5 | 92.0 | 18.90 | 87.4 | 18.04 | 80.4 | 16.46 | 77.0 | 15.68 | 73.4 | 14.90 | 66.4 | 13.40 | 59.4 | 11.94 |
| 73.7 (110%) | -20.0 | -20.7 | 39.2 | 15.08 | 39.0 | 15.24 | 38.8 | 15.40 | 38.6 | 15.48 | 38.6 | 15.56 | 38.2 | 15.74 | 38.0 | 15.90 |
| | -15.0 | -16.0 | 46.0 | 15.70 | 45.6 | 15.90 | 45.4 | 16.10 | 45.4 | 16.18 | 45.2 | 16.28 | 45.0 | 16.48 | 44.6 | 16.68 |
| | -12.0 | -13.0 | 50.4 | 16.10 | 50.0 | 16.32 | 49.8 | 16.52 | 49.6 | 16.64 | 49.6 | 16.74 | 49.2 | 16.96 | 49.0 | 17.16 |
| | -9.0 | -10.0 | 54.8 | 16.50 | 54.6 | 16.72 | 54.3 | 16.96 | 54.2 | 17.06 | 54.0 | 17.18 | 53.6 | 17.42 | 53.4 | 17.66 |
| | -7.0 | -8.0 | 57.8 | 16.74 | 57.6 | 17.00 | 57.3 | 17.24 | 57.2 | 17.36 | 57.0 | 17.48 | 56.6 | 17.72 | 54.4 | 17.26 |
| | -5.0 | -6.0 | 61.0 | 17.00 | 60.6 | 17.26 | 60.3 | 17.52 | 60.2 | 17.64 | 60.0 | 17.76 | 59.6 | 18.02 | 54.4 | 16.48 |
| | -3.0 | -4.0 | 64.0 | 17.26 | 63.6 | 17.52 | 63.3 | 17.78 | 63.2 | 17.92 | 63.0 | 18.06 | 60.8 | 17.70 | 54.4 | 15.74 |
| | -1.0 | -2.0 | 67.2 | 17.52 | 66.8 | 17.78 | 66.3 | 18.06 | 66.2 | 18.20 | 66.0 | 18.34 | 60.8 | 16.92 | 54.4 | 15.06 |
| | 0.0 | -1.0 | 68.6 | 17.64 | 68.2 | 17.92 | 67.9 | 18.20 | 67.6 | 18.34 | 67.2 | 18.42 | 60.8 | 16.56 | 54.4 | 14.74 |
| | 2.0 | 1.0 | 71.8 | 17.88 | 71.4 | 18.16 | 70.9 | 18.46 | 70.4 | 18.54 | 67.2 | 17.62 | 60.8 | 15.86 | 54.4 | 14.12 |
| | 5.0 | 4.0 | 76.4 | 18.24 | 76.0 | 18.54 | 73.7 | 18.24 | 70.4 | 17.38 | 67.2 | 16.54 | 60.8 | 14.88 | 54.4 | 13.26 |
| | 7.0 | 6.0 | 79.6 | 18.48 | 79.0 | 18.78 | 73.7 | 17.48 | 70.4 | 16.66 | 67.2 | 15.86 | 60.8 | 14.26 | 54.4 | 12.72 |
| | 9.0 | 7.8 | 82.4 | 18.68 | 80.2 | 18.44 | 73.7 | 16.84 | 70.4 | 16.04 | 67.2 | 15.26 | 60.8 | 13.74 | 54.4 | 12.26 |
| | 12.0 | 10.6 | 86.6 | 18.94 | 80.2 | 17.40 | 73.7 | 15.88 | 70.4 | 15.14 | 67.2 | 14.42 | 60.8 | 12.98 | 54.4 | 11.58 |
| | 15.0 | 13.5 | 86.6 | 17.84 | 80.2 | 16.38 | 73.7 | 14.96 | 70.4 | 14.28 | 67.2 | 13.58 | 60.8 | 12.24 | 54.4 | 10.92 |

MODEL SELECTION

| Heating capacity at rated condition: 75.0 kW (24HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 67.0 (100%) | -20.0 | -20.7 | 39.0 | 15.18 | 38.8 | 15.34 | 38.6 | 15.50 | 38.4 | 15.58 | 38.4 | 15.66 | 38.2 | 15.82 | 38.0 | 16.00 |
| | -15.0 | -16.0 | 45.8 | 15.84 | 45.6 | 16.04 | 45.3 | 16.22 | 45.2 | 16.32 | 45.0 | 16.42 | 44.8 | 16.62 | 44.6 | 16.82 |
| | -12.0 | -13.0 | 50.2 | 16.26 | 49.8 | 16.48 | 49.6 | 16.70 | 49.4 | 16.80 | 49.4 | 16.90 | 49.0 | 17.12 | 48.8 | 17.34 |
| | -9.0 | -10.0 | 54.6 | 16.68 | 54.4 | 16.92 | 54.0 | 17.14 | 53.8 | 17.26 | 53.8 | 17.38 | 53.4 | 17.62 | 49.6 | 16.38 |
| | -7.0 | -8.0 | 57.6 | 16.96 | 57.2 | 17.20 | 57.0 | 17.46 | 56.8 | 17.58 | 56.6 | 17.70 | 55.4 | 17.54 | 49.6 | 15.64 |
| | -5.0 | -6.0 | 60.6 | 17.24 | 60.2 | 17.50 | 60.0 | 17.76 | 59.8 | 17.88 | 59.6 | 18.00 | 55.4 | 16.74 | 49.6 | 14.92 |
| | -3.0 | -4.0 | 63.6 | 17.52 | 63.4 | 17.78 | 62.9 | 18.04 | 62.8 | 18.18 | 61.2 | 17.78 | 55.4 | 16.00 | 49.6 | 14.28 |
| | -1.0 | -2.0 | 66.8 | 17.80 | 66.4 | 18.06 | 65.9 | 18.34 | 64.0 | 17.86 | 61.2 | 17.00 | 55.4 | 15.32 | 49.6 | 13.66 |
| | 0.0 | -1.0 | 68.2 | 17.94 | 67.8 | 18.20 | 67.0 | 18.34 | 64.0 | 17.48 | 61.2 | 16.64 | 55.4 | 14.98 | 49.6 | 13.36 |
| | 2.0 | 1.0 | 71.2 | 18.20 | 70.8 | 18.48 | 67.0 | 17.54 | 64.0 | 16.74 | 61.2 | 15.94 | 55.4 | 14.36 | 49.6 | 12.82 |
| | 5.0 | 4.0 | 75.8 | 18.60 | 72.8 | 18.00 | 67.0 | 16.46 | 64.0 | 15.70 | 61.2 | 14.94 | 55.4 | 13.48 | 49.6 | 12.04 |
| | 7.0 | 6.0 | 78.6 | 18.76 | 72.8 | 17.26 | 67.0 | 15.78 | 64.0 | 15.06 | 61.2 | 14.34 | 55.4 | 12.92 | 49.6 | 11.54 |
| | 9.0 | 7.8 | 78.6 | 18.08 | 72.8 | 16.62 | 67.0 | 15.20 | 64.0 | 14.50 | 61.2 | 13.82 | 55.4 | 12.46 | 49.6 | 11.14 |
| | 12.0 | 10.6 | 78.6 | 17.04 | 72.8 | 15.68 | 67.0 | 14.34 | 64.0 | 13.70 | 61.2 | 13.04 | 55.4 | 11.76 | 49.6 | 10.52 |
| | 15.0 | 13.5 | 78.6 | 16.06 | 72.8 | 14.78 | 67.0 | 13.52 | 64.0 | 12.90 | 61.2 | 12.30 | 55.4 | 11.10 | 49.6 | 9.94 |
| 60.3 (90%) | -20.0 | -20.7 | 39.0 | 15.30 | 38.6 | 15.46 | 38.4 | 15.62 | 38.4 | 15.70 | 38.2 | 15.78 | 38.0 | 15.94 | 37.8 | 16.12 |
| | -15.0 | -16.0 | 45.6 | 16.02 | 45.4 | 16.20 | 45.1 | 16.40 | 45.0 | 16.50 | 44.8 | 16.60 | 44.6 | 16.78 | 44.2 | 16.98 |
| | -12.0 | -13.0 | 49.8 | 16.46 | 49.6 | 16.68 | 49.4 | 16.90 | 49.2 | 17.00 | 49.0 | 17.10 | 48.8 | 17.32 | 44.6 | 15.82 |
| | -9.0 | -10.0 | 54.4 | 16.92 | 54.0 | 17.16 | 53.7 | 17.38 | 53.6 | 17.50 | 53.4 | 17.62 | 49.8 | 16.48 | 44.6 | 14.72 |
| | -7.0 | -8.0 | 57.2 | 17.24 | 57.0 | 17.48 | 56.6 | 17.72 | 56.4 | 17.84 | 55.0 | 17.44 | 49.8 | 15.72 | 44.6 | 14.04 |
| | -5.0 | -6.0 | 60.2 | 17.54 | 60.0 | 17.78 | 59.6 | 18.04 | 57.6 | 17.48 | 55.0 | 16.66 | 49.8 | 15.02 | 44.6 | 13.42 |
| | -3.0 | -4.0 | 63.2 | 17.84 | 62.8 | 18.10 | 60.3 | 17.52 | 57.6 | 16.72 | 55.0 | 15.92 | 49.8 | 14.36 | 44.6 | 12.82 |
| | -1.0 | -2.0 | 66.2 | 18.14 | 65.6 | 18.30 | 60.3 | 16.76 | 57.6 | 15.98 | 55.0 | 15.24 | 49.8 | 13.74 | 44.6 | 12.28 |
| | 0.0 | -1.0 | 67.8 | 18.28 | 65.6 | 17.90 | 60.3 | 16.38 | 57.6 | 15.64 | 55.0 | 14.90 | 49.8 | 13.44 | 44.6 | 12.02 |
| | 2.0 | 1.0 | 70.8 | 18.58 | 65.6 | 17.14 | 60.3 | 15.70 | 57.6 | 14.98 | 55.0 | 14.28 | 49.8 | 12.88 | 44.6 | 11.52 |
| | 5.0 | 4.0 | 70.8 | 17.46 | 65.6 | 16.08 | 60.3 | 14.72 | 57.6 | 14.06 | 55.0 | 13.40 | 49.8 | 12.10 | 44.6 | 10.84 |
| | 7.0 | 6.0 | 70.8 | 16.74 | 65.6 | 15.42 | 60.3 | 14.12 | 57.6 | 13.48 | 55.0 | 12.86 | 49.8 | 11.62 | 44.6 | 10.40 |
| | 9.0 | 7.8 | 70.8 | 16.12 | 65.6 | 14.84 | 60.3 | 13.60 | 57.6 | 13.00 | 55.0 | 12.40 | 49.8 | 11.20 | 44.6 | 10.04 |
| | 12.0 | 10.6 | 70.8 | 15.22 | 65.6 | 14.02 | 60.3 | 12.84 | 57.6 | 12.28 | 55.0 | 11.70 | 49.8 | 10.58 | 44.6 | 9.48 |
| | 15.0 | 13.5 | 70.8 | 14.34 | 65.6 | 13.22 | 60.3 | 12.12 | 57.6 | 11.58 | 55.0 | 11.04 | 49.8 | 9.98 | 44.6 | 8.96 |
| 53.6 (80%) | -20.0 | -20.7 | 38.6 | 15.44 | 38.4 | 15.60 | 38.2 | 15.76 | 38.2 | 15.86 | 38.0 | 15.94 | 37.8 | 16.10 | 37.6 | 16.26 |
| | -15.0 | -16.0 | 45.2 | 16.22 | 45.0 | 16.42 | 44.8 | 16.60 | 44.6 | 16.70 | 44.6 | 16.80 | 44.2 | 17.00 | 39.6 | 15.18 |
| | -12.0 | -13.0 | 49.6 | 16.72 | 49.4 | 16.92 | 49.0 | 17.14 | 49.0 | 17.24 | 48.8 | 17.36 | 44.2 | 15.72 | 39.6 | 14.06 |
| | -9.0 | -10.0 | 54.0 | 17.22 | 53.6 | 17.46 | 53.3 | 17.68 | 51.2 | 16.98 | 49.0 | 16.18 | 44.2 | 14.62 | 39.6 | 13.06 |
| | -7.0 | -8.0 | 56.8 | 17.56 | 56.6 | 17.80 | 53.6 | 16.96 | 51.2 | 16.20 | 49.0 | 15.44 | 44.2 | 13.94 | 39.6 | 12.48 |
| | -5.0 | -6.0 | 59.8 | 17.90 | 58.2 | 17.68 | 53.6 | 16.20 | 51.2 | 15.46 | 49.0 | 14.74 | 44.2 | 13.32 | 39.6 | 11.92 |
| | -3.0 | -4.0 | 62.6 | 18.24 | 58.2 | 16.90 | 53.6 | 15.48 | 51.2 | 14.78 | 49.0 | 14.10 | 44.2 | 12.74 | 39.6 | 11.42 |
| | -1.0 | -2.0 | 63.0 | 17.52 | 58.2 | 16.16 | 53.6 | 14.82 | 51.2 | 14.16 | 49.0 | 13.50 | 44.2 | 12.20 | 39.6 | 10.94 |
| | 0.0 | -1.0 | 63.0 | 17.14 | 58.2 | 15.80 | 53.6 | 14.50 | 51.2 | 13.84 | 49.0 | 13.20 | 44.2 | 11.94 | 39.6 | 10.70 |
| | 2.0 | 1.0 | 63.0 | 16.42 | 58.2 | 15.14 | 53.6 | 13.88 | 51.2 | 13.26 | 49.0 | 12.66 | 44.2 | 11.46 | 39.6 | 10.26 |
| | 5.0 | 4.0 | 63.0 | 15.40 | 58.2 | 14.20 | 53.6 | 13.04 | 51.2 | 12.46 | 49.0 | 11.88 | 44.2 | 10.76 | 39.6 | 9.66 |
| | 7.0 | 6.0 | 63.0 | 14.76 | 58.2 | 13.62 | 53.6 | 12.50 | 51.2 | 11.96 | 49.0 | 11.42 | 44.2 | 10.34 | 39.6 | 9.28 |
| | 9.0 | 7.8 | 63.0 | 14.22 | 58.2 | 13.14 | 53.6 | 12.06 | 51.2 | 11.52 | 49.0 | 11.00 | 44.2 | 9.96 | 39.6 | 8.96 |
| | 12.0 | 10.6 | 63.0 | 13.44 | 58.2 | 12.40 | 53.6 | 11.40 | 51.2 | 10.90 | 49.0 | 10.40 | 44.2 | 9.42 | 39.6 | 8.48 |
| | 15.0 | 13.5 | 63.0 | 12.66 | 58.2 | 11.70 | 53.6 | 10.74 | 51.2 | 10.28 | 49.0 | 9.82 | 44.2 | 8.90 | 39.6 | 8.00 |
| 46.9 (70%) | -20.0 | -20.7 | 38.4 | 15.64 | 38.2 | 15.80 | 38.0 | 15.96 | 37.8 | 16.04 | 37.8 | 16.12 | 37.6 | 16.28 | 34.6 | 15.12 |
| | -15.0 | -16.0 | 45.0 | 16.48 | 44.6 | 16.68 | 44.4 | 16.86 | 44.4 | 16.96 | 42.8 | 16.42 | 38.8 | 14.84 | 34.6 | 13.28 |
| | -12.0 | -13.0 | 49.2 | 17.04 | 49.0 | 17.24 | 46.9 | 16.68 | 44.8 | 15.94 | 42.8 | 15.20 | 38.8 | 13.74 | 34.6 | 12.30 |
| | -9.0 | -10.0 | 53.4 | 17.60 | 51.0 | 16.88 | 46.9 | 15.50 | 44.8 | 14.80 | 42.8 | 14.12 | 38.8 | 12.78 | 34.6 | 11.46 |
| | -7.0 | -8.0 | 55.0 | 17.44 | 51.0 | 16.10 | 46.9 | 14.78 | 44.8 | 14.12 | 42.8 | 13.48 | 38.8 | 12.20 | 34.6 | 10.94 |
| | -5.0 | -6.0 | 55.0 | 16.66 | 51.0 | 15.38 | 46.9 | 14.12 | 44.8 | 13.50 | 42.8 | 12.88 | 38.8 | 11.66 | 34.6 | 10.48 |
| | -3.0 | -4.0 | 55.0 | 15.92 | 51.0 | 14.70 | 46.9 | 13.50 | 44.8 | 12.92 | 42.8 | 12.32 | 38.8 | 11.16 | 34.6 | 10.02 |
| | -1.0 | -2.0 | 55.0 | 15.24 | 51.0 | 14.08 | 46.9 | 12.92 | 44.8 | 12.36 | 42.8 | 11.80 | 38.8 | 10.70 | 34.6 | 9.62 |
| | 0.0 | -1.0 | 55.0 | 14.90 | 51.0 | 13.76 | 46.9 | 12.66 | 44.8 | 12.10 | 42.8 | 11.56 | 38.8 | 10.48 | 34.6 | 9.42 |
| | 2.0 | 1.0 | 55.0 | 14.28 | 51.0 | 13.20 | 46.9 | 12.12 | 44.8 | 11.60 | 42.8 | 11.08 | 38.8 | 10.04 | 34.6 | 9.04 |
| | 5.0 | 4.0 | 55.0 | 13.40 | 51.0 | 12.38 | 46.9 | 11.40 | 44.8 | 10.90 | 42.8 | 10.42 | 38.8 | 9.46 | 34.6 | 8.50 |
| | 7.0 | 6.0 | 55.0 | 12.86 | 51.0 | 11.88 | 46.9 | 10.94 | 44.8 | 10.46 | 42.8 | 10.00 | 38.8 | 9.08 | 34.6 | 8.18 |
| | 9.0 | 7.8 | 55.0 | 12.40 | 51.0 | 11.46 | 46.9 | 10.54 | 44.8 | 10.10 | 42.8 | 9.64 | 38.8 | 8.76 | 34.6 | 7.90 |
| | 12.0 | 10.6 | 55.0 | 11.70 | 51.0 | 10.84 | 46.9 | 9.98 | 44.8 | 9.54 | 42.8 | 9.12 | 38.8 | 8.30 | 34.6 | 7.48 |
| | 15.0 | 13.5 | 55.0 | 11.04 | 51.0 | 10.22 | 46.9 | 9.42 | 44.8 | 9.02 | 42.8 | 8.62 | 38.8 | 7.84 | 34.6 | 7.08 |
| 40.2 (60%) | -20.0 | -20.7 | 38.0 | 15.88 | 37.8 | 16.04 | 37.6 | 16.20 | 37.6 | 16.28 | 36.8 | 16.02 | 33.2 | 14.48 | 29.8 | 12.98 |
| | -15.0 | -16.0 | 44.4 | 16.84 | 43.6 | 16.76 | 40.2 | 15.40 | 38.4 | 14.72 | 36.8 | 14.06 | 33.2 | 12.72 | 29.8 | 11.42 |
| | -12.0 | -13.0 | 47.2 | 16.78 | 43.6 | 15.52 | 40.2 | 14.26 | 38.4 | 13.64 | 36.8 | 13.02 | 33.2 | 11.80 | 29.8 | 10.60 |
| | -9.0 | -10.0 | 47.2 | 15.60 | 43.6 | 14.42 | 40.2 | 13.26 | 38.4 | 12.68 | 36.8 | 12.12 | 33.2 | 11.00 | 29.8 | 9.88 |
| | -7.0 | -8.0 | 47.2 | 14.88 | 43.6 | 13.76 | 40.2 | 12.66 | 38.4 | 12.12 | 36.8 | 11.58 | 33.2 | 10.50 | 29.8 | 9.44 |
| | -5.0 | -6.0 | 47.2 | 14.20 | 43.6 | 13.14 | 40.2 | 12.10 | 38.4 | 11.58 | 36.8 | 11.06 | 33.2 | 10.04 | 29.8 | 9.04 |
| | -3.0 | -4.0 | 47.2 | 13.58 | 43.6 | 12.58 | 40.2 | 11.58 | 38.4 | 11.08 | 36.8 | 10.60 | 33.2 | 9.62 | 29.8 | 8.68 |
| | -1.0 | -2.0 | 47.2 | 13.00 | 43.6 | 12.04 | 40.2 | 11.10 | 38.4 | 10.62 | 36.8 | 10.16 | 33.2 | 9.22 | 29.8 | 8.32 |
| | 0.0 | -1.0 | 47.2 | 12.74 | 43.6 | 11.78 | 40.2 | 10.86 | 38.4 | 10.40 | 36.8 | 9.94 | 33.2 | 9.04 | 29.8 | 8.16 |
| | 2.0 | 1.0 | 47.2 | 12.20 | 43.6 | 11.30 | 40.2 | 10.42 | 38.4 | 9.98 | 36.8 | 9.54 | 33.2 | 8.68 | 29.8 | 7.82 |
| | 5.0 | 4.0 | 47.2 | 11.46 | 43.6 | 10.62 | 40.2 | 9.80 | 38.4 | 9.38 | 36.8 | 8.98 | 33.2 | 8.18 | 29.8 | 7.38 |
| | 7.0 | 6.0 | 47.2 | 11.00 | 43.6 | 10.20 | 40.2 | 9.40 | 38.4 | 9.02 | 36.8 | 8.62 | 33.2 | 7.86 | 29.8 | 7.10 |
| | 9.0 | 7.8 | 47.2 | 10.62 | 43.6 | 9.84 | 40.2 | 9.08 | 38.4 | 8.70 | 36.8 | 8.32 | 33.2 | 7.58 | 29.8 | 6.86 |
| | 12.0 | 10.6 | 47.2 | 10.04 | 43.6 | 9.30 | 40.2 | 8.60 | 38.4 | 8.24 | 36.8 | 7.88 | 33.2 | 7.20 | 29.8 | 6.50 |
| | 15.0 | 13.5 | 47.2 | 9.48 | 43.6 | 8.80 | 40.2 | 8.12 | 38.4 | 7.78 | 36.8 | 7.46 | 33.2 | 6.80 | 29.8 | 6.16 |

| Heating capacity at rated condition: 75.0 kW (24HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 33.5 (50%) | -20.0 | -20.7 | 37.6 | 16.24 | 36.4 | 15.88 | 33.5 | 14.60 | 32.0 | 13.98 | 30.6 | 13.36 | 27.6 | 12.10 | 24.8 | 10.88 |
| | -15.0 | -16.0 | 39.4 | 15.06 | 36.4 | 13.94 | 33.5 | 12.84 | 32.0 | 12.28 | 30.6 | 11.74 | 27.6 | 10.66 | 24.8 | 9.60 |
| | -12.0 | -13.0 | 39.4 | 13.94 | 36.4 | 12.92 | 33.5 | 11.90 | 32.0 | 11.40 | 30.6 | 10.90 | 27.6 | 9.90 | 24.8 | 8.94 |
| | -9.0 | -10.0 | 39.4 | 12.98 | 36.4 | 12.02 | 33.5 | 11.08 | 32.0 | 10.62 | 30.6 | 10.16 | 27.6 | 9.24 | 24.8 | 8.34 |
| | -7.0 | -8.0 | 39.4 | 12.38 | 36.4 | 11.48 | 33.5 | 10.60 | 32.0 | 10.14 | 30.6 | 9.72 | 27.6 | 8.84 | 24.8 | 7.98 |
| | -5.0 | -6.0 | 39.4 | 11.84 | 36.4 | 10.98 | 33.5 | 10.14 | 32.0 | 9.72 | 30.6 | 9.30 | 27.6 | 8.46 | 24.8 | 7.66 |
| | -3.0 | -4.0 | 39.4 | 11.34 | 36.4 | 10.52 | 33.5 | 9.70 | 32.0 | 9.30 | 30.6 | 8.90 | 27.6 | 8.12 | 24.8 | 7.34 |
| | -1.0 | -2.0 | 39.4 | 10.86 | 36.4 | 10.08 | 33.5 | 9.30 | 32.0 | 8.92 | 30.6 | 8.54 | 27.6 | 7.80 | 24.8 | 7.06 |
| | 0.0 | -1.0 | 39.4 | 10.62 | 36.4 | 9.86 | 33.5 | 9.12 | 32.0 | 8.74 | 30.6 | 8.38 | 27.6 | 7.64 | 24.8 | 6.92 |
| | 2.0 | 1.0 | 39.4 | 10.20 | 36.4 | 9.46 | 33.5 | 8.76 | 32.0 | 8.40 | 30.6 | 8.04 | 27.6 | 7.34 | 24.8 | 6.64 |
| | 5.0 | 4.0 | 39.4 | 9.60 | 36.4 | 8.92 | 33.5 | 8.24 | 32.0 | 7.90 | 30.6 | 7.58 | 27.6 | 6.92 | 24.8 | 6.28 |
| | 7.0 | 6.0 | 39.4 | 9.22 | 36.4 | 8.56 | 33.5 | 7.92 | 32.0 | 7.60 | 30.6 | 7.30 | 27.6 | 6.66 | 24.8 | 6.04 |
| | 9.0 | 7.8 | 39.4 | 8.90 | 36.4 | 8.26 | 33.5 | 7.66 | 32.0 | 7.34 | 30.6 | 7.04 | 27.6 | 6.44 | 24.8 | 5.84 |
| | 12.0 | 10.6 | 39.4 | 8.42 | 36.4 | 7.82 | 33.5 | 7.26 | 32.0 | 6.96 | 30.6 | 6.68 | 27.6 | 6.12 | 24.8 | 5.56 |
| | 15.0 | 13.5 | 39.4 | 7.96 | 36.4 | 7.40 | 33.5 | 6.86 | 32.0 | 6.60 | 30.6 | 6.32 | 27.6 | 5.80 | 24.8 | 5.28 |

# ■ Model: AJ∗234GALDH

| Heating capacity at rated condition: 81.5 kW (26HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 109.5 (150%) | -20.0 | -20.7 | 47.1 | 15.85 | 46.5 | 16.01 | 46.0 | 16.17 | 45.7 | 16.25 | 45.5 | 16.33 | 45.0 | 16.49 | 44.5 | 16.66 |
| | -15.0 | -16.0 | 54.0 | 16.48 | 53.5 | 16.68 | 53.1 | 16.88 | 52.8 | 16.98 | 52.6 | 17.08 | 52.2 | 17.27 | 51.7 | 17.48 |
| | -12.0 | -13.0 | 58.7 | 16.88 | 58.3 | 17.10 | 57.9 | 17.32 | 57.7 | 17.43 | 57.4 | 17.54 | 57.1 | 17.77 | 56.6 | 17.99 |
| | -9.0 | -10.0 | 63.7 | 17.28 | 63.3 | 17.52 | 62.9 | 17.76 | 62.6 | 17.88 | 62.5 | 18.00 | 62.1 | 18.25 | 61.6 | 18.50 |
| | -7.0 | -8.0 | 67.2 | 17.54 | 66.7 | 17.80 | 66.3 | 18.05 | 66.1 | 18.19 | 65.9 | 18.31 | 65.5 | 18.57 | 65.0 | 18.83 |
| | -5.0 | -6.0 | 70.7 | 17.81 | 70.3 | 18.07 | 69.8 | 18.35 | 69.6 | 18.48 | 69.4 | 18.62 | 69.0 | 18.89 | 68.6 | 19.16 |
| | -3.0 | -4.0 | 74.2 | 18.08 | 73.8 | 18.35 | 73.4 | 18.64 | 73.2 | 18.78 | 73.0 | 18.92 | 72.6 | 19.21 | 72.0 | 19.50 |
| | -1.0 | -2.0 | 77.9 | 18.35 | 77.4 | 18.64 | 77.0 | 18.93 | 76.8 | 19.08 | 76.6 | 19.23 | 76.1 | 19.53 | 75.6 | 19.82 |
| | 0.0 | -1.0 | 79.7 | 18.47 | 79.3 | 18.78 | 78.8 | 19.08 | 78.6 | 19.23 | 78.3 | 19.38 | 77.9 | 19.68 | 77.5 | 19.99 |
| | 2.0 | 1.0 | 83.5 | 18.74 | 82.9 | 19.06 | 82.5 | 19.36 | 82.3 | 19.52 | 82.0 | 19.68 | 81.5 | 19.99 | 80.6 | 20.16 |
| | 5.0 | 4.0 | 89.1 | 19.13 | 88.6 | 19.46 | 88.0 | 19.79 | 87.8 | 19.96 | 87.5 | 20.12 | 86.9 | 20.46 | 84.0 | 20.01 |
| | 7.0 | 6.0 | 92.9 | 19.40 | 92.3 | 19.74 | 91.8 | 20.08 | 91.5 | 20.24 | 91.2 | 20.42 | 89.5 | 20.42 | 86.0 | 19.86 |
| | 9.0 | 7.8 | 96.4 | 19.63 | 95.8 | 19.98 | 95.1 | 20.33 | 94.8 | 20.50 | 94.6 | 20.68 | 91.6 | 20.32 | 86.0 | 19.12 |
| | 12.0 | 10.6 | 101.7 | 20.00 | 101.0 | 20.36 | 100.3 | 20.72 | 99.8 | 20.82 | 98.1 | 20.61 | 93.9 | 19.89 | 86.0 | 18.01 |
| | 15.0 | 13.5 | 107.2 | 20.37 | 106.5 | 20.74 | 104.8 | 20.83 | 103.1 | 20.64 | 101.4 | 20.45 | 93.9 | 18.72 | 86.0 | 16.96 |
| 102.2 (140%) | -20.0 | -20.7 | 46.8 | 15.92 | 46.4 | 16.08 | 45.8 | 16.24 | 45.6 | 16.32 | 45.3 | 16.40 | 44.8 | 16.56 | 44.2 | 16.72 |
| | -15.0 | -16.0 | 53.8 | 16.57 | 53.3 | 16.77 | 52.9 | 16.97 | 52.6 | 17.07 | 52.4 | 17.17 | 52.0 | 17.37 | 51.5 | 17.57 |
| | -12.0 | -13.0 | 58.5 | 16.99 | 58.1 | 17.22 | 57.6 | 17.44 | 57.4 | 17.54 | 57.2 | 17.65 | 56.8 | 17.87 | 56.4 | 18.11 |
| | -9.0 | -10.0 | 63.5 | 17.41 | 63.1 | 17.66 | 62.6 | 17.90 | 62.4 | 18.02 | 62.2 | 18.14 | 61.9 | 18.38 | 61.4 | 18.63 |
| | -7.0 | -8.0 | 66.9 | 17.70 | 66.5 | 17.95 | 66.1 | 18.21 | 65.9 | 18.33 | 65.7 | 18.46 | 65.2 | 18.72 | 64.8 | 18.98 |
| | -5.0 | -6.0 | 70.3 | 17.98 | 69.9 | 18.24 | 69.6 | 18.52 | 69.4 | 18.66 | 69.2 | 18.78 | 68.8 | 19.06 | 68.3 | 19.33 |
| | -3.0 | -4.0 | 73.9 | 18.26 | 73.5 | 18.54 | 73.1 | 18.83 | 72.9 | 18.97 | 72.6 | 19.11 | 72.2 | 19.40 | 71.8 | 19.68 |
| | -1.0 | -2.0 | 77.6 | 18.55 | 77.1 | 18.84 | 76.7 | 19.14 | 76.5 | 19.28 | 76.2 | 19.43 | 75.8 | 19.73 | 74.9 | 19.88 |
| | 0.0 | -1.0 | 79.4 | 18.69 | 78.9 | 18.99 | 78.5 | 19.29 | 78.3 | 19.44 | 78.1 | 19.59 | 77.5 | 19.90 | 76.0 | 19.83 |
| | 2.0 | 1.0 | 83.1 | 18.97 | 82.6 | 19.28 | 82.1 | 19.60 | 81.9 | 19.75 | 81.6 | 19.91 | 81.2 | 20.23 | 78.2 | 19.74 |
| | 5.0 | 4.0 | 88.7 | 19.40 | 88.1 | 19.73 | 87.6 | 20.06 | 87.3 | 20.22 | 87.1 | 20.39 | 84.6 | 20.10 | 80.3 | 19.19 |
| | 7.0 | 6.0 | 92.4 | 19.68 | 91.8 | 20.02 | 91.3 | 20.36 | 91.0 | 20.53 | 90.0 | 20.46 | 86.9 | 20.03 | 80.3 | 18.37 |
| | 9.0 | 7.8 | 95.8 | 19.94 | 95.2 | 20.28 | 94.6 | 20.62 | 93.6 | 20.57 | 92.0 | 20.37 | 87.6 | 19.51 | 80.3 | 17.69 |
| | 12.0 | 10.6 | 101.0 | 20.32 | 100.4 | 20.68 | 98.3 | 20.62 | 96.8 | 20.43 | 94.9 | 20.14 | 87.6 | 18.38 | 80.3 | 16.67 |
| | 15.0 | 13.5 | 106.5 | 20.72 | 104.8 | 20.81 | 101.7 | 20.48 | 98.6 | 19.81 | 94.9 | 18.96 | 87.6 | 17.30 | 80.3 | 15.70 |
| 94.9 (130%) | -20.0 | -20.7 | 46.6 | 16.00 | 46.1 | 16.16 | 45.6 | 16.31 | 45.3 | 16.40 | 45.0 | 16.47 | 44.5 | 16.64 | 44.1 | 16.81 |
| | -15.0 | -16.0 | 53.5 | 16.69 | 53.0 | 16.88 | 52.6 | 17.07 | 52.4 | 17.17 | 52.2 | 17.28 | 51.7 | 17.48 | 51.2 | 17.68 |
| | -12.0 | -13.0 | 58.2 | 17.13 | 57.8 | 17.35 | 57.4 | 17.57 | 57.2 | 17.67 | 56.9 | 17.78 | 56.6 | 18.01 | 56.1 | 18.24 |
| | -9.0 | -10.0 | 63.2 | 17.57 | 62.8 | 17.81 | 62.4 | 18.06 | 62.2 | 18.18 | 61.9 | 18.29 | 61.5 | 18.54 | 61.2 | 18.79 |
| | -7.0 | -8.0 | 66.6 | 17.87 | 66.2 | 18.12 | 65.8 | 18.38 | 65.5 | 18.51 | 65.4 | 18.64 | 65.0 | 18.90 | 64.6 | 19.16 |
| | -5.0 | -6.0 | 70.1 | 18.17 | 69.7 | 18.44 | 69.2 | 18.71 | 69.0 | 18.85 | 68.8 | 18.98 | 68.4 | 19.26 | 68.0 | 19.52 |
| | -3.0 | -4.0 | 73.6 | 18.48 | 73.2 | 18.76 | 72.8 | 19.04 | 72.5 | 19.18 | 72.3 | 19.32 | 71.9 | 19.61 | 70.3 | 19.50 |
| | -1.0 | -2.0 | 77.2 | 18.78 | 76.7 | 19.08 | 76.3 | 19.37 | 76.1 | 19.52 | 75.9 | 19.67 | 75.4 | 19.94 | 72.5 | 19.42 |
| | 0.0 | -1.0 | 79.1 | 18.93 | 78.5 | 19.23 | 78.1 | 19.54 | 77.9 | 19.69 | 77.7 | 19.84 | 76.5 | 19.89 | 73.6 | 19.39 |
| | 2.0 | 1.0 | 82.6 | 19.24 | 82.2 | 19.55 | 81.7 | 19.86 | 81.4 | 20.02 | 81.2 | 20.17 | 78.7 | 19.80 | 74.6 | 18.89 |
| | 5.0 | 4.0 | 88.1 | 19.70 | 87.7 | 20.03 | 87.1 | 20.35 | 86.3 | 20.34 | 84.9 | 20.12 | 81.3 | 19.47 | 74.6 | 17.67 |
| | 7.0 | 6.0 | 91.8 | 20.00 | 91.3 | 20.34 | 90.0 | 20.44 | 88.6 | 20.24 | 87.1 | 20.04 | 81.3 | 18.65 | 74.6 | 16.93 |
| | 9.0 | 7.8 | 95.2 | 20.28 | 94.6 | 20.62 | 92.0 | 20.36 | 90.6 | 20.17 | 88.1 | 19.64 | 81.3 | 17.94 | 74.6 | 16.29 |
| | 12.0 | 10.6 | 100.4 | 20.70 | 98.1 | 20.58 | 94.9 | 20.14 | 91.5 | 19.32 | 88.1 | 18.50 | 81.3 | 16.92 | 74.6 | 15.37 |
| | 15.0 | 13.5 | 104.4 | 20.75 | 101.4 | 20.44 | 94.9 | 18.96 | 91.5 | 18.18 | 88.1 | 17.42 | 81.3 | 15.92 | 74.6 | 14.47 |
| 87.6 (120%) | -20.0 | -20.7 | 46.4 | 16.09 | 45.8 | 16.24 | 45.3 | 16.40 | 45.0 | 16.49 | 44.7 | 16.56 | 44.3 | 16.73 | 43.8 | 16.89 |
| | -15.0 | -16.0 | 53.2 | 16.81 | 52.7 | 17.01 | 52.3 | 17.20 | 52.1 | 17.30 | 51.8 | 17.40 | 51.4 | 17.60 | 51.0 | 17.81 |
| | -12.0 | -13.0 | 58.0 | 17.28 | 57.5 | 17.50 | 57.1 | 17.72 | 56.9 | 17.83 | 56.7 | 17.94 | 56.2 | 18.16 | 55.9 | 18.39 |
| | -9.0 | -10.0 | 62.9 | 17.76 | 62.4 | 18.00 | 62.1 | 18.23 | 61.9 | 18.36 | 61.7 | 18.48 | 61.2 | 18.73 | 60.8 | 18.97 |
| | -7.0 | -8.0 | 66.2 | 18.07 | 65.9 | 18.33 | 65.4 | 18.59 | 65.3 | 18.71 | 65.0 | 18.85 | 64.6 | 19.10 | 63.7 | 19.17 |
| | -5.0 | -6.0 | 69.7 | 18.40 | 69.3 | 18.66 | 68.9 | 18.94 | 68.7 | 19.07 | 68.5 | 19.21 | 68.0 | 19.48 | 65.8 | 19.09 |
| | -3.0 | -4.0 | 73.3 | 18.72 | 72.8 | 19.00 | 72.4 | 19.29 | 72.1 | 19.43 | 71.9 | 19.58 | 70.6 | 19.52 | 68.0 | 19.04 |
| | -1.0 | -2.0 | 76.7 | 19.05 | 76.3 | 19.35 | 75.9 | 19.64 | 75.7 | 19.79 | 75.4 | 19.92 | 72.8 | 19.45 | 68.8 | 18.51 |
| | 0.0 | -1.0 | 78.6 | 19.22 | 78.1 | 19.52 | 77.7 | 19.82 | 77.4 | 19.97 | 76.5 | 19.87 | 73.9 | 19.43 | 68.8 | 18.09 |
| | 2.0 | 1.0 | 82.2 | 19.55 | 81.7 | 19.85 | 81.2 | 20.17 | 80.0 | 20.00 | 78.7 | 19.79 | 75.1 | 19.03 | 68.8 | 17.29 |
| | 5.0 | 4.0 | 87.6 | 20.05 | 87.1 | 20.38 | 84.7 | 20.08 | 83.3 | 19.90 | 81.3 | 19.47 | 75.1 | 17.81 | 68.8 | 16.19 |
| | 7.0 | 6.0 | 91.3 | 20.38 | 89.6 | 20.36 | 86.9 | 20.02 | 84.5 | 19.46 | 81.3 | 18.65 | 75.1 | 17.06 | 68.8 | 15.51 |
| | 9.0 | 7.8 | 94.3 | 20.61 | 91.6 | 20.29 | 87.6 | 19.51 | 84.5 | 18.72 | 81.3 | 17.94 | 75.1 | 16.42 | 68.8 | 14.93 |
| | 12.0 | 10.6 | 97.5 | 20.49 | 93.9 | 19.89 | 87.6 | 18.38 | 84.5 | 17.65 | 81.3 | 16.92 | 75.1 | 15.48 | 68.8 | 14.09 |
| | 15.0 | 13.5 | 100.1 | 20.16 | 93.9 | 18.72 | 87.6 | 17.30 | 84.5 | 16.62 | 81.3 | 15.92 | 75.1 | 14.58 | 68.8 | 13.27 |
| 80.3 (110%) | -20.0 | -20.7 | 46.0 | 16.19 | 45.4 | 16.35 | 45.0 | 16.51 | 44.7 | 16.58 | 44.4 | 16.66 | 43.9 | 16.83 | 43.5 | 16.99 |
| | -15.0 | -16.0 | 52.9 | 16.96 | 52.4 | 17.16 | 52.0 | 17.35 | 51.8 | 17.45 | 51.5 | 17.55 | 51.1 | 17.75 | 50.7 | 17.95 |
| | -12.0 | -13.0 | 57.6 | 17.46 | 57.2 | 17.67 | 56.7 | 17.90 | 56.5 | 18.01 | 56.3 | 18.12 | 55.9 | 18.34 | 55.5 | 18.56 |
| | -9.0 | -10.0 | 62.5 | 17.97 | 62.0 | 18.21 | 61.7 | 18.45 | 61.5 | 18.57 | 61.3 | 18.70 | 60.9 | 18.94 | 59.2 | 18.70 |
| | -7.0 | -8.0 | 65.9 | 18.32 | 65.5 | 18.57 | 65.0 | 18.83 | 64.9 | 18.95 | 64.6 | 19.08 | 63.7 | 19.15 | 61.3 | 18.65 |
| | -5.0 | -6.0 | 69.3 | 18.66 | 68.9 | 18.93 | 68.5 | 19.20 | 68.3 | 19.34 | 68.1 | 19.47 | 65.8 | 19.08 | 63.1 | 18.48 |
| | -3.0 | -4.0 | 72.7 | 19.01 | 72.3 | 19.30 | 71.9 | 19.58 | 71.6 | 19.69 | 70.4 | 19.46 | 68.0 | 19.04 | 63.1 | 17.63 |
| | -1.0 | -2.0 | 76.3 | 19.38 | 75.8 | 19.67 | 75.0 | 19.81 | 73.8 | 19.60 | 72.5 | 19.40 | 68.8 | 18.51 | 63.1 | 16.83 |
| | 0.0 | -1.0 | 78.0 | 19.56 | 77.6 | 19.85 | 76.1 | 19.77 | 74.8 | 19.57 | 73.6 | 19.38 | 68.8 | 18.09 | 63.1 | 16.46 |
| | 2.0 | 1.0 | 81.6 | 19.91 | 80.7 | 20.07 | 78.3 | 19.71 | 77.0 | 19.53 | 74.6 | 18.89 | 68.8 | 17.29 | 63.1 | 15.74 |
| | 5.0 | 4.0 | 86.5 | 20.30 | 84.0 | 19.97 | 80.3 | 19.19 | 77.4 | 18.43 | 74.6 | 17.67 | 68.8 | 16.19 | 63.1 | 14.75 |
| | 7.0 | 6.0 | 88.7 | 20.23 | 86.0 | 19.86 | 80.3 | 18.37 | 77.4 | 17.66 | 74.6 | 16.93 | 68.8 | 15.51 | 63.1 | 14.13 |
| | 9.0 | 7.8 | 90.7 | 20.17 | 86.0 | 19.12 | 80.3 | 17.69 | 77.4 | 16.99 | 74.6 | 16.29 | 68.8 | 14.93 | 63.1 | 13.60 |
| | 12.0 | 10.6 | 91.8 | 19.38 | 86.0 | 18.01 | 80.3 | 16.67 | 77.4 | 16.02 | 74.6 | 15.37 | 68.8 | 14.09 | 63.1 | 12.83 |
| | 15.0 | 13.5 | 91.8 | 18.24 | 86.0 | 16.96 | 80.3 | 15.70 | 77.4 | 15.08 | 74.6 | 14.47 | 68.8 | 13.27 | 63.1 | 12.10 |

MODEL SELECTION

| Heating capacity at rated condition: 81.5 kW (26HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 73.0 (100%) | -20.0 | -20.7 | 45.5 | 16.31 | 45.1 | 16.47 | 44.6 | 16.63 | 44.3 | 16.71 | 44.0 | 16.79 | 43.6 | 16.95 | 43.1 | 17.11 |
| | -15.0 | -16.0 | 52.5 | 17.14 | 52.1 | 17.33 | 51.6 | 17.53 | 51.3 | 17.63 | 51.2 | 17.73 | 50.7 | 17.92 | 50.3 | 18.13 |
| | -12.0 | -13.0 | 57.2 | 17.67 | 56.8 | 17.89 | 56.3 | 18.11 | 56.2 | 18.22 | 56.0 | 18.34 | 55.5 | 18.56 | 53.8 | 18.22 |
| | -9.0 | -10.0 | 62.0 | 18.22 | 61.6 | 18.46 | 61.2 | 18.71 | 61.1 | 18.83 | 60.9 | 18.95 | 59.0 | 18.63 | 56.8 | 18.17 |
| | -7.0 | -8.0 | 65.4 | 18.60 | 65.0 | 18.86 | 64.6 | 19.11 | 64.4 | 19.24 | 63.3 | 19.03 | 61.1 | 18.60 | 57.4 | 17.51 |
| | -5.0 | -6.0 | 68.8 | 18.98 | 68.3 | 19.25 | 67.6 | 19.39 | 66.5 | 19.18 | 65.4 | 18.98 | 62.6 | 18.33 | 57.4 | 16.68 |
| | -3.0 | -4.0 | 72.2 | 19.37 | 71.8 | 19.64 | 69.8 | 19.33 | 68.6 | 19.14 | 67.5 | 18.95 | 62.6 | 17.47 | 57.4 | 15.91 |
| | -1.0 | -2.0 | 75.6 | 19.76 | 74.1 | 19.64 | 71.9 | 19.29 | 70.4 | 18.96 | 67.8 | 18.20 | 62.6 | 16.68 | 57.4 | 15.20 |
| | 0.0 | -1.0 | 77.4 | 19.95 | 75.2 | 19.61 | 73.0 | 19.28 | 70.4 | 18.54 | 67.8 | 17.78 | 62.6 | 16.31 | 57.4 | 14.86 |
| | 2.0 | 1.0 | 79.6 | 19.88 | 77.4 | 19.58 | 73.0 | 18.44 | 70.4 | 17.72 | 67.8 | 17.01 | 62.6 | 15.60 | 57.4 | 14.23 |
| | 5.0 | 4.0 | 82.9 | 19.83 | 78.2 | 18.63 | 73.0 | 17.27 | 70.4 | 16.60 | 67.8 | 15.93 | 62.6 | 14.61 | 57.4 | 13.33 |
| | 7.0 | 6.0 | 83.4 | 19.19 | 78.2 | 17.85 | 73.0 | 16.54 | 70.4 | 15.90 | 67.8 | 15.26 | 62.6 | 14.00 | 57.4 | 12.77 |
| | 9.0 | 7.8 | 83.4 | 18.45 | 78.2 | 17.18 | 73.0 | 15.92 | 70.4 | 15.30 | 67.8 | 14.69 | 62.6 | 13.48 | 57.4 | 12.31 |
| | 12.0 | 10.6 | 83.4 | 17.40 | 78.2 | 16.19 | 73.0 | 15.01 | 70.4 | 14.43 | 67.8 | 13.86 | 62.6 | 12.72 | 57.4 | 11.61 |
| | 15.0 | 13.5 | 83.4 | 16.38 | 78.2 | 15.25 | 73.0 | 14.14 | 70.4 | 13.60 | 67.8 | 13.06 | 62.6 | 11.99 | 57.4 | 10.95 |
| 65.7 (90%) | -20.0 | -20.7 | 45.1 | 16.46 | 44.6 | 16.62 | 44.1 | 16.78 | 43.9 | 16.86 | 43.6 | 16.93 | 43.2 | 17.10 | 42.7 | 17.26 |
| | -15.0 | -16.0 | 52.0 | 17.34 | 51.6 | 17.54 | 51.1 | 17.74 | 50.9 | 17.84 | 50.7 | 17.93 | 50.2 | 18.13 | 48.4 | 17.68 |
| | -12.0 | -13.0 | 56.6 | 17.93 | 56.3 | 18.15 | 55.9 | 18.37 | 55.6 | 18.48 | 55.4 | 18.56 | 53.3 | 18.09 | 51.3 | 17.64 |
| | -9.0 | -10.0 | 61.6 | 18.53 | 61.1 | 18.78 | 60.4 | 18.89 | 59.4 | 18.68 | 58.4 | 18.48 | 56.3 | 18.06 | 51.6 | 16.46 |
| | -7.0 | -8.0 | 64.8 | 18.94 | 64.5 | 19.20 | 62.4 | 18.83 | 61.4 | 18.65 | 60.4 | 18.46 | 56.3 | 17.17 | 51.6 | 15.66 |
| | -5.0 | -6.0 | 68.2 | 19.36 | 66.5 | 19.16 | 64.5 | 18.81 | 63.4 | 18.57 | 61.0 | 17.83 | 56.3 | 16.36 | 51.6 | 14.93 |
| | -3.0 | -4.0 | 70.7 | 19.44 | 68.7 | 19.13 | 65.7 | 18.43 | 63.4 | 17.71 | 61.0 | 17.00 | 56.3 | 15.61 | 51.6 | 14.25 |
| | -1.0 | -2.0 | 72.8 | 19.41 | 70.4 | 18.96 | 65.7 | 17.58 | 63.4 | 16.91 | 61.0 | 16.24 | 56.3 | 14.91 | 51.6 | 13.61 |
| | 0.0 | -1.0 | 73.9 | 19.41 | 70.4 | 18.54 | 65.7 | 17.19 | 63.4 | 16.53 | 61.0 | 15.87 | 56.3 | 14.58 | 51.6 | 13.32 |
| | 2.0 | 1.0 | 75.1 | 19.03 | 70.4 | 17.72 | 65.7 | 16.44 | 63.4 | 15.81 | 61.0 | 15.18 | 56.3 | 13.95 | 51.6 | 12.74 |
| | 5.0 | 4.0 | 75.1 | 17.81 | 70.4 | 16.60 | 65.7 | 15.40 | 63.4 | 14.81 | 61.0 | 14.23 | 56.3 | 13.08 | 51.6 | 11.94 |
| | 7.0 | 6.0 | 75.1 | 17.06 | 70.4 | 15.90 | 65.7 | 14.75 | 63.4 | 14.19 | 61.0 | 13.63 | 56.3 | 12.54 | 51.6 | 11.46 |
| | 9.0 | 7.8 | 75.1 | 16.42 | 70.4 | 15.30 | 65.7 | 14.21 | 63.4 | 13.67 | 61.0 | 13.13 | 56.3 | 12.07 | 51.6 | 11.04 |
| | 12.0 | 10.6 | 75.1 | 15.48 | 70.4 | 14.43 | 65.7 | 13.41 | 63.4 | 12.89 | 61.0 | 12.39 | 56.3 | 11.40 | 51.6 | 10.42 |
| | 15.0 | 13.5 | 75.1 | 14.58 | 70.4 | 13.60 | 65.7 | 12.63 | 63.4 | 12.15 | 61.0 | 11.68 | 56.3 | 10.75 | 51.6 | 9.84 |
| 58.4 (80%) | -20.0 | -20.7 | 44.5 | 16.64 | 44.1 | 16.80 | 43.6 | 16.96 | 43.3 | 17.04 | 43.1 | 17.12 | 42.6 | 17.28 | 41.5 | 17.12 |
| | -15.0 | -16.0 | 51.4 | 17.61 | 51.0 | 17.81 | 50.6 | 18.00 | 50.3 | 18.10 | 49.6 | 17.94 | 47.7 | 17.49 | 45.8 | 17.05 |
| | -12.0 | -13.0 | 56.1 | 18.25 | 55.6 | 18.47 | 54.3 | 18.27 | 53.4 | 18.07 | 52.4 | 17.88 | 50.1 | 17.22 | 45.9 | 15.72 |
| | -9.0 | -10.0 | 60.9 | 18.92 | 59.1 | 18.58 | 57.3 | 18.25 | 56.3 | 18.06 | 54.2 | 17.35 | 50.1 | 15.94 | 45.9 | 14.55 |
| | -7.0 | -8.0 | 62.9 | 18.89 | 61.1 | 18.58 | 58.4 | 17.86 | 56.3 | 17.17 | 54.2 | 16.50 | 50.1 | 15.17 | 45.9 | 13.86 |
| | -5.0 | -6.0 | 65.0 | 18.87 | 62.6 | 18.33 | 58.4 | 17.01 | 56.3 | 16.36 | 54.2 | 15.72 | 50.1 | 14.46 | 45.9 | 13.21 |
| | -3.0 | -4.0 | 66.7 | 18.74 | 62.6 | 17.47 | 58.4 | 16.22 | 56.3 | 15.61 | 54.2 | 15.00 | 50.1 | 13.79 | 45.9 | 12.61 |
| | -1.0 | -2.0 | 66.7 | 17.89 | 62.6 | 16.68 | 58.4 | 15.50 | 56.3 | 14.91 | 54.2 | 14.33 | 50.1 | 13.19 | 45.9 | 12.05 |
| | 0.0 | -1.0 | 66.7 | 17.49 | 62.6 | 16.31 | 58.4 | 15.16 | 56.3 | 14.58 | 54.2 | 14.02 | 50.1 | 12.90 | 45.9 | 11.79 |
| | 2.0 | 1.0 | 66.7 | 16.72 | 62.6 | 15.60 | 58.4 | 14.49 | 56.3 | 13.95 | 54.2 | 13.41 | 50.1 | 12.34 | 45.9 | 11.29 |
| | 5.0 | 4.0 | 66.7 | 15.66 | 62.6 | 14.61 | 58.4 | 13.58 | 56.3 | 13.08 | 54.2 | 12.57 | 50.1 | 11.58 | 45.9 | 10.60 |
| | 7.0 | 6.0 | 66.7 | 15.00 | 62.6 | 14.00 | 58.4 | 13.02 | 56.3 | 12.54 | 54.2 | 12.05 | 50.1 | 11.10 | 45.9 | 10.17 |
| | 9.0 | 7.8 | 66.7 | 14.44 | 62.6 | 13.48 | 58.4 | 12.54 | 56.3 | 12.07 | 54.2 | 11.61 | 50.1 | 10.70 | 45.9 | 9.80 |
| | 12.0 | 10.6 | 66.7 | 13.63 | 62.6 | 12.72 | 58.4 | 11.83 | 56.3 | 11.40 | 54.2 | 10.97 | 50.1 | 10.11 | 45.9 | 9.26 |
| | 15.0 | 13.5 | 66.7 | 12.84 | 62.6 | 11.99 | 58.4 | 11.15 | 56.3 | 10.75 | 54.2 | 10.34 | 50.1 | 9.54 | 45.9 | 8.74 |
| 51.1 (70%) | -20.0 | -20.7 | 43.8 | 16.87 | 43.4 | 17.03 | 42.9 | 17.20 | 42.7 | 17.27 | 42.3 | 17.30 | 40.6 | 16.83 | 38.9 | 16.37 |
| | -15.0 | -16.0 | 50.6 | 17.94 | 49.9 | 17.96 | 48.2 | 17.57 | 47.4 | 17.39 | 46.5 | 17.20 | 43.8 | 16.27 | 40.1 | 14.87 |
| | -12.0 | -13.0 | 54.3 | 18.24 | 52.7 | 17.91 | 51.1 | 17.59 | 49.3 | 16.94 | 47.4 | 16.29 | 43.8 | 14.98 | 40.1 | 13.70 |
| | -9.0 | -10.0 | 57.3 | 18.24 | 54.8 | 17.52 | 51.1 | 16.28 | 49.3 | 15.67 | 47.4 | 15.07 | 43.8 | 13.87 | 40.1 | 12.70 |
| | -7.0 | -8.0 | 58.4 | 17.86 | 54.7 | 16.66 | 51.1 | 15.49 | 49.3 | 14.92 | 47.4 | 14.34 | 43.8 | 13.21 | 40.1 | 12.09 |
| | -5.0 | -6.0 | 58.4 | 17.01 | 54.7 | 15.88 | 51.1 | 14.77 | 49.3 | 14.22 | 47.4 | 13.68 | 43.8 | 12.59 | 40.1 | 11.54 |
| | -3.0 | -4.0 | 58.4 | 16.22 | 54.8 | 15.15 | 51.1 | 14.09 | 49.3 | 13.57 | 47.4 | 13.05 | 43.8 | 12.03 | 40.1 | 11.02 |
| | -1.0 | -2.0 | 58.4 | 15.50 | 54.7 | 14.47 | 51.1 | 13.47 | 49.3 | 12.97 | 47.4 | 12.48 | 43.8 | 11.50 | 40.1 | 10.54 |
| | 0.0 | -1.0 | 58.4 | 15.16 | 54.7 | 14.16 | 51.1 | 13.18 | 49.3 | 12.69 | 47.4 | 12.21 | 43.8 | 11.26 | 40.1 | 10.32 |
| | 2.0 | 1.0 | 58.4 | 14.49 | 54.7 | 13.54 | 51.1 | 12.61 | 49.3 | 12.14 | 47.4 | 11.69 | 43.8 | 10.78 | 40.1 | 9.89 |
| | 5.0 | 4.0 | 58.4 | 13.58 | 54.7 | 12.69 | 51.1 | 11.83 | 49.3 | 11.39 | 47.4 | 10.97 | 43.8 | 10.11 | 40.1 | 9.28 |
| | 7.0 | 6.0 | 58.4 | 13.02 | 54.7 | 12.18 | 51.1 | 11.34 | 49.3 | 10.93 | 47.4 | 10.52 | 43.8 | 9.71 | 40.1 | 8.91 |
| | 9.0 | 7.8 | 58.4 | 12.54 | 54.7 | 11.73 | 51.1 | 10.93 | 49.3 | 10.53 | 47.4 | 10.14 | 43.8 | 9.36 | 40.1 | 8.60 |
| | 12.0 | 10.6 | 58.4 | 11.83 | 54.8 | 11.07 | 51.1 | 10.32 | 49.3 | 9.95 | 47.4 | 9.58 | 43.8 | 8.84 | 40.1 | 8.13 |
| | 15.0 | 13.5 | 58.4 | 11.15 | 54.7 | 10.44 | 51.1 | 9.74 | 49.3 | 9.38 | 47.4 | 9.04 | 43.8 | 8.36 | 40.1 | 7.68 |
| 43.8 (60%) | -20.0 | -20.7 | 42.9 | 17.18 | 42.2 | 17.19 | 40.7 | 16.81 | 39.9 | 16.61 | 39.2 | 16.43 | 37.5 | 15.99 | 34.4 | 14.63 |
| | -15.0 | -16.0 | 47.8 | 17.45 | 46.3 | 17.15 | 43.8 | 16.27 | 42.2 | 15.66 | 40.7 | 15.07 | 37.5 | 13.88 | 34.4 | 12.71 |
| | -12.0 | -13.0 | 50.1 | 17.22 | 46.9 | 16.10 | 43.8 | 14.98 | 42.2 | 14.43 | 40.7 | 13.88 | 37.5 | 12.79 | 34.4 | 11.73 |
| | -9.0 | -10.0 | 50.1 | 15.94 | 46.9 | 14.89 | 43.8 | 13.87 | 42.2 | 13.37 | 40.7 | 12.86 | 37.5 | 11.86 | 34.4 | 10.88 |
| | -7.0 | -8.0 | 50.1 | 15.17 | 46.9 | 14.17 | 43.8 | 13.21 | 42.2 | 12.72 | 40.7 | 12.25 | 37.5 | 11.30 | 34.4 | 10.37 |
| | -5.0 | -6.0 | 50.1 | 14.46 | 46.9 | 13.52 | 43.8 | 12.59 | 42.2 | 12.14 | 40.7 | 11.68 | 37.5 | 10.79 | 34.4 | 9.90 |
| | -3.0 | -4.0 | 50.1 | 13.79 | 46.9 | 12.91 | 43.8 | 12.03 | 42.2 | 11.60 | 40.7 | 11.16 | 37.5 | 10.31 | 34.4 | 9.47 |
| | -1.0 | -2.0 | 50.1 | 13.19 | 46.9 | 12.34 | 43.8 | 11.50 | 42.2 | 11.09 | 40.7 | 10.68 | 37.5 | 9.87 | 34.4 | 9.07 |
| | 0.0 | -1.0 | 50.1 | 12.90 | 46.9 | 12.07 | 43.8 | 11.26 | 42.2 | 10.85 | 40.7 | 10.45 | 37.5 | 9.66 | 34.4 | 8.88 |
| | 2.0 | 1.0 | 50.1 | 12.34 | 46.9 | 11.56 | 43.8 | 10.78 | 42.2 | 10.39 | 40.7 | 10.01 | 37.5 | 9.26 | 34.4 | 8.51 |
| | 5.0 | 4.0 | 50.1 | 11.58 | 46.9 | 10.85 | 43.8 | 10.11 | 42.2 | 9.76 | 40.7 | 9.41 | 37.5 | 8.70 | 34.4 | 8.00 |
| | 7.0 | 6.0 | 50.1 | 11.10 | 46.9 | 10.40 | 43.8 | 9.71 | 42.2 | 9.36 | 40.7 | 9.02 | 37.5 | 8.36 | 34.4 | 7.69 |
| | 9.0 | 7.8 | 50.1 | 10.70 | 46.9 | 10.03 | 43.8 | 9.36 | 42.2 | 9.04 | 40.7 | 8.71 | 37.5 | 8.05 | 34.4 | 7.42 |
| | 12.0 | 10.6 | 50.1 | 10.11 | 46.9 | 9.47 | 43.8 | 8.84 | 42.2 | 8.54 | 40.7 | 8.23 | 37.5 | 7.63 | 34.4 | 7.02 |
| | 15.0 | 13.5 | 50.1 | 9.54 | 46.9 | 8.94 | 43.8 | 8.36 | 42.2 | 8.06 | 40.7 | 7.78 | 37.5 | 7.20 | 34.4 | 6.64 |

| Heating capacity at rated condition: 81.5 kW (26HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 36.5 (50%) | -20.0 | -20.7 | 39.7 | 16.53 | 38.4 | 16.23 | 36.5 | 15.53 | 35.2 | 14.97 | 33.9 | 14.40 | 31.3 | 13.28 | 28.7 | 12.18 |
| | -15.0 | -16.0 | 41.7 | 15.46 | 39.1 | 14.47 | 36.5 | 13.49 | 35.2 | 13.00 | 33.9 | 12.52 | 31.3 | 11.56 | 28.7 | 10.61 |
| | -12.0 | -13.0 | 41.7 | 14.24 | 39.1 | 13.34 | 36.5 | 12.44 | 35.2 | 12.00 | 33.9 | 11.55 | 31.3 | 10.67 | 28.7 | 9.80 |
| | -9.0 | -10.0 | 41.7 | 13.20 | 39.1 | 12.36 | 36.5 | 11.53 | 35.2 | 11.12 | 33.9 | 10.72 | 31.3 | 9.91 | 28.7 | 9.11 |
| | -7.0 | -8.0 | 41.7 | 12.57 | 39.1 | 11.77 | 36.5 | 10.99 | 35.2 | 10.60 | 33.9 | 10.22 | 31.3 | 9.46 | 28.7 | 8.69 |
| | -5.0 | -6.0 | 41.7 | 11.99 | 39.1 | 11.23 | 36.5 | 10.49 | 35.2 | 10.12 | 33.9 | 9.76 | 31.3 | 9.03 | 28.7 | 8.32 |
| | -3.0 | -4.0 | 41.7 | 11.45 | 39.1 | 10.74 | 36.5 | 10.03 | 35.2 | 9.68 | 33.9 | 9.33 | 31.3 | 8.64 | 28.7 | 7.96 |
| | -1.0 | -2.0 | 41.7 | 10.96 | 39.1 | 10.27 | 36.5 | 9.60 | 35.2 | 9.27 | 33.9 | 8.94 | 31.3 | 8.28 | 28.7 | 7.62 |
| | 0.0 | -1.0 | 41.7 | 10.71 | 39.1 | 10.05 | 36.5 | 9.40 | 35.2 | 9.07 | 33.9 | 8.74 | 31.3 | 8.10 | 28.7 | 7.47 |
| | 2.0 | 1.0 | 41.7 | 10.26 | 39.1 | 9.63 | 36.5 | 9.01 | 35.2 | 8.69 | 33.9 | 8.38 | 31.3 | 7.77 | 28.7 | 7.17 |
| | 5.0 | 4.0 | 41.7 | 9.64 | 39.1 | 9.05 | 36.5 | 8.47 | 35.2 | 8.17 | 33.9 | 7.89 | 31.3 | 7.32 | 28.7 | 6.75 |
| | 7.0 | 6.0 | 41.7 | 9.25 | 39.1 | 8.69 | 36.5 | 8.13 | 35.2 | 7.86 | 33.9 | 7.58 | 31.3 | 7.03 | 28.7 | 6.49 |
| | 9.0 | 7.8 | 41.7 | 8.93 | 39.1 | 8.38 | 36.5 | 7.84 | 35.2 | 7.58 | 33.9 | 7.31 | 31.3 | 6.79 | 28.7 | 6.27 |
| | 12.0 | 10.6 | 41.7 | 8.43 | 39.1 | 7.93 | 36.5 | 7.43 | 35.2 | 7.17 | 33.9 | 6.92 | 31.3 | 6.43 | 28.7 | 5.95 |
| | 15.0 | 13.5 | 41.7 | 7.97 | 39.1 | 7.49 | 36.5 | 7.01 | 35.2 | 6.79 | 33.9 | 6.55 | 31.3 | 6.09 | 28.7 | 5.63 |

# ■ Model: AJ∗252GALDH

| Heating capacity at rated condition: 87.5 kW (28HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 117.7 (150%) | -20.0 | -20.7 | 47.2 | 16.42 | 46.7 | 16.61 | 46.2 | 16.80 | 45.9 | 16.90 | 45.6 | 17.00 | 45.2 | 17.19 | 44.7 | 17.40 |
| | -15.0 | -16.0 | 54.4 | 17.12 | 54.0 | 17.35 | 53.6 | 17.59 | 53.3 | 17.71 | 53.1 | 17.83 | 52.7 | 18.07 | 52.3 | 18.32 |
| | -12.0 | -13.0 | 59.4 | 17.55 | 59.0 | 17.81 | 58.6 | 18.08 | 58.4 | 18.21 | 58.2 | 18.35 | 57.8 | 18.61 | 57.4 | 18.88 |
| | -9.0 | -10.0 | 64.6 | 17.98 | 64.2 | 18.27 | 63.8 | 18.56 | 63.6 | 18.70 | 63.4 | 18.85 | 63.1 | 19.15 | 62.6 | 19.44 |
| | -7.0 | -8.0 | 68.2 | 18.26 | 67.8 | 18.57 | 67.4 | 18.87 | 67.2 | 19.04 | 67.1 | 19.19 | 66.7 | 19.50 | 66.2 | 19.80 |
| | -5.0 | -6.0 | 71.9 | 18.55 | 71.5 | 18.87 | 71.1 | 19.19 | 70.9 | 19.36 | 70.7 | 19.52 | 70.3 | 19.84 | 70.0 | 20.17 |
| | -3.0 | -4.0 | 75.6 | 18.84 | 75.2 | 19.17 | 74.8 | 19.51 | 74.6 | 19.68 | 74.5 | 19.84 | 74.1 | 20.19 | 73.6 | 20.53 |
| | -1.0 | -2.0 | 79.5 | 19.12 | 79.0 | 19.47 | 78.6 | 19.82 | 78.4 | 20.00 | 78.2 | 20.17 | 77.8 | 20.53 | 77.3 | 20.88 |
| | 0.0 | -1.0 | 81.4 | 19.26 | 81.0 | 19.62 | 80.5 | 19.98 | 80.3 | 20.16 | 80.1 | 20.34 | 79.7 | 20.70 | 79.3 | 21.06 |
| | 2.0 | 1.0 | 85.3 | 19.54 | 84.8 | 19.91 | 84.4 | 20.28 | 84.2 | 20.47 | 84.0 | 20.65 | 83.5 | 21.03 | 83.0 | 21.41 |
| | 5.0 | 4.0 | 91.3 | 19.95 | 90.7 | 20.34 | 90.3 | 20.73 | 90.0 | 20.93 | 89.8 | 21.12 | 89.2 | 21.53 | 88.1 | 21.72 |
| | 7.0 | 6.0 | 95.2 | 20.22 | 94.7 | 20.63 | 94.2 | 21.03 | 93.9 | 21.23 | 93.7 | 21.44 | 93.1 | 21.85 | 90.1 | 21.50 |
| | 9.0 | 7.8 | 98.9 | 20.47 | 98.3 | 20.88 | 97.7 | 21.29 | 97.4 | 21.50 | 97.2 | 21.71 | 96.6 | 22.13 | 90.1 | 20.69 |
| | 12.0 | 10.6 | 104.5 | 20.84 | 103.9 | 21.27 | 103.3 | 21.70 | 103.0 | 21.91 | 102.6 | 22.13 | 99.4 | 21.75 | 90.1 | 19.49 |
| | 15.0 | 13.5 | 110.4 | 21.22 | 109.7 | 21.66 | 109.0 | 22.10 | 108.6 | 22.32 | 108.2 | 22.55 | 99.4 | 20.46 | 90.1 | 18.35 |
| 109.9 (140%) | -20.0 | -20.7 | 47.0 | 16.50 | 46.5 | 16.69 | 46.0 | 16.88 | 45.8 | 16.98 | 45.5 | 17.07 | 45.0 | 17.27 | 44.5 | 17.46 |
| | -15.0 | -16.0 | 54.3 | 17.21 | 53.8 | 17.45 | 53.4 | 17.69 | 53.2 | 17.81 | 53.0 | 17.93 | 52.6 | 18.17 | 52.1 | 18.41 |
| | -12.0 | -13.0 | 59.2 | 17.67 | 58.8 | 17.94 | 58.4 | 18.20 | 58.2 | 18.33 | 58.0 | 18.46 | 57.6 | 18.73 | 57.2 | 19.01 |
| | -9.0 | -10.0 | 64.4 | 18.12 | 64.1 | 18.42 | 63.6 | 18.70 | 63.4 | 18.85 | 63.3 | 19.00 | 62.9 | 19.29 | 62.5 | 19.59 |
| | -7.0 | -8.0 | 68.0 | 18.43 | 67.6 | 18.73 | 67.2 | 19.04 | 67.1 | 19.19 | 66.9 | 19.34 | 66.4 | 19.66 | 66.1 | 19.97 |
| | -5.0 | -6.0 | 71.6 | 18.73 | 71.3 | 19.05 | 70.9 | 19.38 | 70.7 | 19.54 | 70.5 | 19.70 | 70.1 | 20.02 | 69.7 | 20.35 |
| | -3.0 | -4.0 | 75.4 | 19.04 | 75.0 | 19.37 | 74.6 | 19.71 | 74.4 | 19.88 | 74.2 | 20.04 | 73.8 | 20.39 | 73.4 | 20.73 |
| | -1.0 | -2.0 | 79.2 | 19.34 | 78.8 | 19.68 | 78.4 | 20.04 | 78.2 | 20.21 | 77.9 | 20.39 | 77.5 | 20.75 | 77.1 | 21.11 |
| | 0.0 | -1.0 | 81.1 | 19.49 | 80.7 | 19.85 | 80.3 | 20.21 | 80.1 | 20.39 | 79.9 | 20.57 | 79.4 | 20.93 | 79.0 | 21.29 |
| | 2.0 | 1.0 | 85.0 | 19.78 | 84.6 | 20.16 | 84.1 | 20.53 | 83.9 | 20.72 | 83.7 | 20.91 | 83.2 | 21.28 | 82.1 | 21.44 |
| | 5.0 | 4.0 | 90.9 | 20.23 | 90.4 | 20.63 | 89.9 | 21.02 | 89.6 | 21.21 | 89.4 | 21.41 | 88.9 | 21.80 | 84.2 | 20.79 |
| | 7.0 | 6.0 | 94.9 | 20.53 | 94.3 | 20.93 | 93.8 | 21.34 | 93.5 | 21.53 | 93.3 | 21.74 | 92.0 | 21.93 | 84.2 | 19.90 |
| | 9.0 | 7.8 | 98.4 | 20.79 | 97.9 | 21.20 | 97.3 | 21.61 | 97.0 | 21.82 | 96.7 | 22.03 | 92.7 | 21.34 | 84.2 | 19.16 |
| | 12.0 | 10.6 | 104.0 | 21.19 | 103.4 | 21.62 | 102.8 | 22.05 | 102.5 | 22.26 | 101.3 | 22.23 | 92.7 | 20.11 | 84.2 | 18.06 |
| | 15.0 | 13.5 | 109.8 | 21.60 | 109.1 | 22.04 | 108.4 | 22.48 | 105.7 | 21.93 | 101.3 | 20.91 | 92.7 | 18.92 | 84.2 | 17.00 |
| 102.0 (130%) | -20.0 | -20.7 | 46.8 | 16.58 | 46.3 | 16.77 | 45.8 | 16.96 | 45.5 | 17.06 | 45.3 | 17.15 | 44.8 | 17.35 | 44.3 | 17.55 |
| | -15.0 | -16.0 | 54.0 | 17.34 | 53.6 | 17.56 | 53.2 | 17.80 | 53.0 | 17.92 | 52.7 | 18.05 | 52.3 | 18.29 | 51.9 | 18.52 |
| | -12.0 | -13.0 | 58.9 | 17.81 | 58.6 | 18.08 | 58.2 | 18.34 | 58.0 | 18.47 | 57.7 | 18.60 | 57.4 | 18.87 | 57.0 | 19.15 |
| | -9.0 | -10.0 | 64.2 | 18.29 | 63.8 | 18.58 | 63.4 | 18.87 | 63.3 | 19.02 | 63.0 | 19.16 | 62.6 | 19.46 | 62.3 | 19.76 |
| | -7.0 | -8.0 | 67.8 | 18.62 | 67.4 | 18.92 | 67.0 | 19.23 | 66.8 | 19.38 | 66.6 | 19.54 | 66.2 | 19.84 | 65.9 | 20.16 |
| | -5.0 | -6.0 | 71.4 | 18.94 | 71.1 | 19.26 | 70.6 | 19.58 | 70.4 | 19.75 | 70.2 | 19.91 | 69.8 | 20.24 | 69.5 | 20.56 |
| | -3.0 | -4.0 | 75.1 | 19.27 | 74.7 | 19.60 | 74.3 | 19.94 | 74.1 | 20.11 | 73.9 | 20.27 | 73.6 | 20.62 | 73.1 | 20.96 |
| | -1.0 | -2.0 | 78.9 | 19.58 | 78.5 | 19.94 | 78.1 | 20.29 | 77.9 | 20.47 | 77.7 | 20.65 | 77.3 | 21.00 | 76.1 | 21.11 |
| | 0.0 | -1.0 | 80.9 | 19.75 | 80.4 | 20.11 | 80.0 | 20.47 | 79.8 | 20.65 | 79.6 | 20.83 | 79.2 | 21.19 | 77.2 | 21.04 |
| | 2.0 | 1.0 | 84.7 | 20.07 | 84.2 | 20.45 | 83.8 | 20.81 | 83.5 | 21.00 | 83.3 | 21.19 | 82.9 | 21.56 | 78.2 | 20.47 |
| | 5.0 | 4.0 | 90.5 | 20.55 | 90.0 | 20.95 | 89.5 | 21.34 | 89.3 | 21.53 | 89.0 | 21.73 | 86.1 | 21.31 | 78.2 | 19.16 |
| | 7.0 | 6.0 | 94.4 | 20.87 | 93.9 | 21.28 | 93.3 | 21.68 | 93.1 | 21.88 | 92.8 | 22.08 | 86.1 | 20.42 | 78.2 | 18.35 |
| | 9.0 | 7.8 | 97.9 | 21.16 | 97.3 | 21.57 | 96.8 | 21.99 | 96.5 | 22.18 | 94.1 | 21.69 | 86.1 | 19.64 | 78.2 | 17.67 |
| | 12.0 | 10.6 | 103.5 | 21.60 | 102.8 | 22.02 | 101.9 | 22.34 | 98.1 | 21.41 | 94.1 | 20.43 | 86.1 | 18.52 | 78.2 | 16.66 |
| | 15.0 | 13.5 | 109.1 | 22.03 | 108.4 | 22.47 | 102.0 | 21.08 | 98.1 | 20.14 | 94.1 | 19.23 | 86.1 | 17.42 | 78.2 | 15.68 |
| 94.2 (120%) | -20.0 | -20.7 | 46.6 | 16.67 | 46.1 | 16.86 | 45.5 | 17.05 | 45.3 | 17.15 | 45.0 | 17.24 | 44.6 | 17.44 | 44.1 | 17.64 |
| | -15.0 | -16.0 | 53.7 | 17.46 | 53.3 | 17.70 | 52.9 | 17.94 | 52.7 | 18.06 | 52.5 | 18.18 | 52.0 | 18.41 | 51.7 | 18.66 |
| | -12.0 | -13.0 | 58.8 | 17.98 | 58.3 | 18.24 | 57.9 | 18.50 | 57.7 | 18.64 | 57.6 | 18.77 | 57.1 | 19.04 | 56.8 | 19.31 |
| | -9.0 | -10.0 | 63.9 | 18.49 | 63.5 | 18.78 | 63.2 | 19.06 | 63.0 | 19.21 | 62.8 | 19.36 | 62.3 | 19.66 | 62.0 | 19.94 |
| | -7.0 | -8.0 | 67.5 | 18.83 | 67.1 | 19.14 | 66.7 | 19.45 | 66.6 | 19.60 | 66.3 | 19.76 | 65.9 | 20.06 | 65.6 | 20.37 |
| | -5.0 | -6.0 | 71.1 | 19.18 | 70.7 | 19.50 | 70.3 | 19.83 | 70.2 | 19.99 | 70.0 | 20.15 | 69.5 | 20.47 | 69.1 | 20.78 |
| | -3.0 | -4.0 | 74.9 | 19.53 | 74.4 | 19.86 | 74.0 | 20.20 | 73.8 | 20.37 | 73.6 | 20.55 | 73.2 | 20.88 | 71.3 | 20.66 |
| | -1.0 | -2.0 | 78.5 | 19.88 | 78.1 | 20.23 | 77.7 | 20.58 | 77.5 | 20.76 | 77.3 | 20.94 | 76.9 | 21.29 | 72.1 | 20.07 |
| | 0.0 | -1.0 | 80.5 | 20.05 | 80.0 | 20.41 | 79.6 | 20.77 | 79.4 | 20.95 | 79.2 | 21.13 | 78.3 | 21.32 | 72.1 | 19.62 |
| | 2.0 | 1.0 | 84.3 | 20.41 | 83.9 | 20.77 | 83.4 | 21.14 | 83.1 | 21.34 | 82.9 | 21.52 | 79.5 | 20.84 | 72.1 | 18.76 |
| | 5.0 | 4.0 | 90.1 | 20.93 | 89.5 | 21.32 | 89.0 | 21.71 | 88.8 | 21.91 | 86.8 | 21.51 | 79.5 | 19.51 | 72.1 | 17.57 |
| | 7.0 | 6.0 | 93.9 | 21.28 | 93.4 | 21.67 | 92.8 | 22.08 | 90.6 | 21.58 | 86.8 | 20.60 | 79.5 | 18.69 | 72.1 | 16.83 |
| | 9.0 | 7.8 | 97.4 | 21.58 | 96.8 | 22.00 | 94.2 | 21.71 | 90.6 | 20.76 | 86.8 | 19.82 | 79.5 | 17.99 | 72.1 | 16.20 |
| | 12.0 | 10.6 | 102.8 | 22.06 | 101.3 | 22.18 | 94.2 | 20.45 | 90.6 | 19.57 | 86.8 | 18.69 | 79.5 | 16.96 | 72.1 | 15.29 |
| | 15.0 | 13.5 | 107.7 | 22.32 | 101.6 | 20.96 | 94.2 | 19.25 | 90.6 | 18.42 | 86.8 | 17.58 | 79.5 | 15.97 | 72.1 | 14.40 |
| 86.3 (110%) | -20.0 | -20.7 | 46.2 | 16.78 | 45.7 | 16.97 | 45.2 | 17.16 | 45.0 | 17.25 | 44.8 | 17.35 | 44.2 | 17.56 | 43.8 | 17.75 |
| | -15.0 | -16.0 | 53.5 | 17.62 | 53.0 | 17.86 | 52.6 | 18.10 | 52.5 | 18.21 | 52.2 | 18.33 | 51.8 | 18.57 | 51.4 | 18.82 |
| | -12.0 | -13.0 | 58.5 | 18.17 | 58.0 | 18.43 | 57.7 | 18.69 | 57.4 | 18.83 | 57.3 | 18.96 | 56.8 | 19.23 | 56.5 | 19.49 |
| | -9.0 | -10.0 | 63.6 | 18.72 | 63.2 | 19.01 | 62.9 | 19.30 | 62.7 | 19.44 | 62.5 | 19.59 | 62.1 | 19.88 | 61.7 | 20.18 |
| | -7.0 | -8.0 | 67.1 | 19.09 | 66.8 | 19.40 | 66.4 | 19.71 | 66.3 | 19.86 | 66.0 | 20.01 | 65.6 | 20.32 | 64.3 | 20.28 |
| | -5.0 | -6.0 | 70.8 | 19.46 | 70.4 | 19.79 | 70.0 | 20.11 | 69.9 | 20.27 | 69.7 | 20.43 | 69.2 | 20.76 | 66.1 | 20.05 |
| | -3.0 | -4.0 | 74.4 | 19.84 | 74.0 | 20.18 | 73.7 | 20.51 | 73.5 | 20.69 | 73.3 | 20.86 | 72.0 | 20.89 | 66.1 | 19.13 |
| | -1.0 | -2.0 | 78.2 | 20.23 | 77.8 | 20.57 | 77.3 | 20.93 | 77.2 | 21.10 | 76.9 | 21.28 | 72.8 | 20.28 | 66.1 | 18.27 |
| | 0.0 | -1.0 | 80.0 | 20.42 | 79.6 | 20.77 | 79.2 | 21.13 | 78.9 | 21.31 | 78.6 | 21.46 | 72.8 | 19.83 | 66.1 | 17.87 |
| | 2.0 | 1.0 | 83.8 | 20.79 | 83.4 | 21.16 | 82.9 | 21.54 | 82.5 | 21.69 | 79.6 | 20.87 | 72.8 | 18.96 | 66.1 | 17.09 |
| | 5.0 | 4.0 | 89.5 | 21.37 | 89.0 | 21.75 | 86.3 | 21.37 | 82.9 | 20.45 | 79.6 | 19.54 | 72.8 | 17.76 | 66.1 | 16.02 |
| | 7.0 | 6.0 | 93.3 | 21.75 | 92.5 | 22.07 | 86.3 | 20.46 | 82.9 | 19.59 | 79.6 | 18.72 | 72.8 | 17.01 | 66.1 | 15.35 |
| | 9.0 | 7.8 | 96.7 | 22.08 | 93.1 | 21.42 | 86.3 | 19.70 | 82.9 | 18.85 | 79.6 | 18.01 | 72.8 | 16.37 | 66.1 | 14.78 |
| | 12.0 | 10.6 | 99.9 | 21.84 | 93.1 | 20.18 | 86.3 | 18.56 | 82.9 | 17.77 | 79.6 | 16.99 | 72.8 | 15.45 | 66.1 | 13.94 |
| | 15.0 | 13.5 | 99.9 | 20.55 | 93.1 | 18.99 | 86.3 | 17.47 | 82.9 | 16.73 | 79.6 | 15.99 | 72.8 | 14.55 | 66.1 | 13.14 |

MODEL SELECTION

| Heating capacity at rated condition: 87.5 kW (28HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 78.5 (100%) | -20.0 | -20.7 | 45.8 | 16.91 | 45.4 | 17.10 | 44.9 | 17.29 | 44.6 | 17.39 | 44.4 | 17.48 | 44.0 | 17.68 | 43.5 | 17.88 |
| | -15.0 | -16.0 | 53.2 | 17.81 | 52.8 | 18.05 | 52.3 | 18.28 | 52.1 | 18.40 | 51.9 | 18.52 | 51.5 | 18.76 | 51.1 | 19.01 |
| | -12.0 | -13.0 | 58.1 | 18.39 | 57.7 | 18.66 | 57.3 | 18.93 | 57.1 | 19.06 | 57.0 | 19.19 | 56.5 | 19.46 | 56.2 | 19.73 |
| | -9.0 | -10.0 | 63.2 | 18.99 | 62.9 | 19.28 | 62.5 | 19.57 | 62.3 | 19.72 | 62.2 | 19.86 | 61.7 | 20.16 | 59.6 | 19.72 |
| | -7.0 | -8.0 | 66.8 | 19.39 | 66.4 | 19.70 | 66.0 | 20.01 | 65.8 | 20.17 | 65.6 | 20.32 | 64.8 | 20.43 | 60.2 | 19.01 |
| | -5.0 | -6.0 | 70.4 | 19.80 | 69.9 | 20.13 | 69.6 | 20.45 | 69.4 | 20.61 | 69.2 | 20.77 | 66.3 | 20.08 | 60.2 | 18.11 |
| | -3.0 | -4.0 | 74.0 | 20.22 | 73.7 | 20.55 | 73.2 | 20.89 | 73.0 | 21.06 | 72.1 | 20.96 | 66.3 | 19.15 | 60.2 | 17.29 |
| | -1.0 | -2.0 | 77.7 | 20.64 | 77.3 | 20.98 | 76.9 | 21.33 | 75.4 | 21.04 | 72.4 | 20.12 | 66.3 | 18.30 | 60.2 | 16.52 |
| | 0.0 | -1.0 | 79.5 | 20.85 | 79.1 | 21.19 | 78.5 | 21.48 | 75.4 | 20.58 | 72.4 | 19.67 | 66.3 | 17.89 | 60.2 | 16.15 |
| | 2.0 | 1.0 | 83.2 | 21.26 | 82.8 | 21.63 | 78.5 | 20.54 | 75.4 | 19.68 | 72.4 | 18.82 | 66.3 | 17.12 | 60.2 | 15.47 |
| | 5.0 | 4.0 | 88.8 | 21.89 | 84.6 | 20.89 | 78.5 | 19.24 | 75.4 | 18.43 | 72.4 | 17.62 | 66.3 | 16.04 | 60.2 | 14.50 |
| | 7.0 | 6.0 | 90.7 | 21.63 | 84.6 | 20.01 | 78.5 | 18.43 | 75.4 | 17.66 | 72.4 | 16.89 | 66.3 | 15.37 | 60.2 | 13.89 |
| | 9.0 | 7.8 | 90.7 | 20.81 | 84.6 | 19.26 | 78.5 | 17.74 | 75.4 | 16.99 | 72.4 | 16.26 | 66.3 | 14.80 | 60.2 | 13.39 |
| | 12.0 | 10.6 | 90.7 | 19.61 | 84.6 | 18.15 | 78.5 | 16.72 | 75.4 | 16.03 | 72.4 | 15.33 | 66.3 | 13.96 | 60.2 | 12.63 |
| | 15.0 | 13.5 | 90.7 | 18.46 | 84.6 | 17.09 | 78.5 | 15.75 | 75.4 | 15.09 | 72.4 | 14.44 | 66.3 | 13.16 | 60.2 | 11.91 |
| 70.6 (90%) | -20.0 | -20.7 | 45.5 | 17.07 | 44.9 | 17.26 | 44.5 | 17.45 | 44.3 | 17.55 | 44.0 | 17.64 | 43.6 | 17.84 | 43.2 | 18.04 |
| | -15.0 | -16.0 | 52.8 | 18.04 | 52.4 | 18.27 | 51.9 | 18.51 | 51.7 | 18.63 | 51.5 | 18.75 | 51.1 | 18.98 | 50.7 | 19.23 |
| | -12.0 | -13.0 | 57.6 | 18.67 | 57.3 | 18.94 | 56.9 | 19.20 | 56.7 | 19.33 | 56.5 | 19.46 | 56.1 | 19.73 | 53.8 | 19.14 |
| | -9.0 | -10.0 | 62.9 | 19.32 | 62.4 | 19.62 | 62.1 | 19.90 | 61.9 | 20.05 | 61.7 | 20.20 | 59.6 | 19.79 | 54.1 | 17.88 |
| | -7.0 | -8.0 | 66.3 | 19.77 | 66.0 | 20.08 | 65.6 | 20.38 | 65.3 | 20.54 | 64.5 | 20.43 | 59.6 | 18.83 | 54.1 | 17.02 |
| | -5.0 | -6.0 | 69.9 | 20.22 | 69.5 | 20.54 | 69.1 | 20.86 | 67.9 | 20.61 | 65.1 | 19.72 | 59.6 | 17.95 | 54.1 | 16.23 |
| | -3.0 | -4.0 | 73.5 | 20.67 | 73.1 | 21.01 | 70.6 | 20.53 | 67.9 | 19.67 | 65.1 | 18.81 | 59.6 | 17.14 | 54.1 | 15.49 |
| | -1.0 | -2.0 | 77.1 | 21.13 | 76.2 | 21.26 | 70.6 | 19.60 | 67.9 | 18.78 | 65.1 | 17.98 | 59.6 | 16.37 | 54.1 | 14.81 |
| | 0.0 | -1.0 | 79.0 | 21.36 | 76.2 | 20.79 | 70.6 | 19.16 | 67.9 | 18.36 | 65.1 | 17.57 | 59.6 | 16.01 | 54.1 | 14.49 |
| | 2.0 | 1.0 | 81.7 | 21.44 | 76.2 | 19.88 | 70.6 | 18.33 | 67.9 | 17.57 | 65.1 | 16.81 | 59.6 | 15.32 | 54.1 | 13.87 |
| | 5.0 | 4.0 | 81.7 | 20.09 | 76.2 | 18.62 | 70.6 | 17.17 | 67.9 | 16.46 | 65.1 | 15.76 | 59.6 | 14.37 | 54.1 | 13.01 |
| | 7.0 | 6.0 | 81.7 | 19.24 | 76.2 | 17.84 | 70.6 | 16.45 | 67.9 | 15.77 | 65.1 | 15.10 | 59.6 | 13.78 | 54.1 | 12.48 |
| | 9.0 | 7.8 | 81.7 | 18.52 | 76.2 | 17.16 | 70.6 | 15.84 | 67.9 | 15.19 | 65.1 | 14.55 | 59.6 | 13.27 | 54.1 | 12.03 |
| | 12.0 | 10.6 | 81.7 | 17.46 | 76.2 | 16.19 | 70.6 | 14.94 | 67.9 | 14.33 | 65.1 | 13.72 | 59.6 | 12.52 | 54.1 | 11.35 |
| | 15.0 | 13.5 | 81.7 | 16.44 | 76.2 | 15.25 | 70.6 | 14.08 | 67.9 | 13.50 | 65.1 | 12.93 | 59.6 | 11.80 | 54.1 | 10.71 |
| 62.8 (80%) | -20.0 | -20.7 | 44.9 | 17.26 | 44.5 | 17.45 | 44.0 | 17.64 | 43.8 | 17.75 | 43.6 | 17.84 | 43.1 | 18.04 | 42.7 | 18.23 |
| | -15.0 | -16.0 | 52.2 | 18.32 | 51.8 | 18.56 | 51.4 | 18.79 | 51.2 | 18.91 | 51.1 | 19.03 | 50.6 | 19.27 | 48.0 | 18.51 |
| | -12.0 | -13.0 | 57.2 | 19.02 | 56.8 | 19.28 | 56.4 | 19.54 | 56.3 | 19.67 | 56.0 | 19.81 | 53.0 | 18.88 | 48.1 | 17.08 |
| | -9.0 | -10.0 | 62.3 | 19.74 | 61.9 | 20.03 | 61.5 | 20.32 | 60.3 | 20.04 | 57.9 | 19.18 | 53.0 | 17.49 | 48.1 | 15.82 |
| | -7.0 | -8.0 | 65.7 | 20.23 | 65.4 | 20.54 | 62.8 | 19.89 | 60.3 | 19.07 | 57.9 | 18.26 | 53.0 | 16.65 | 48.1 | 15.08 |
| | -5.0 | -6.0 | 69.3 | 20.73 | 67.7 | 20.55 | 62.8 | 18.96 | 60.3 | 18.17 | 57.9 | 17.40 | 53.0 | 15.88 | 48.1 | 14.38 |
| | -3.0 | -4.0 | 72.4 | 21.09 | 67.7 | 19.60 | 62.8 | 18.09 | 60.3 | 17.35 | 57.9 | 16.61 | 53.0 | 15.16 | 48.1 | 13.74 |
| | -1.0 | -2.0 | 72.6 | 20.18 | 67.7 | 18.72 | 62.8 | 17.29 | 60.3 | 16.58 | 57.9 | 15.88 | 53.0 | 14.50 | 48.1 | 13.14 |
| | 0.0 | -1.0 | 72.6 | 19.73 | 67.7 | 18.30 | 62.8 | 16.91 | 60.3 | 16.21 | 57.9 | 15.53 | 53.0 | 14.18 | 48.1 | 12.85 |
| | 2.0 | 1.0 | 72.6 | 18.87 | 67.7 | 17.51 | 62.8 | 16.17 | 60.3 | 15.51 | 57.9 | 14.87 | 53.0 | 13.58 | 48.1 | 12.31 |
| | 5.0 | 4.0 | 72.6 | 17.68 | 67.7 | 16.40 | 62.8 | 15.16 | 60.3 | 14.55 | 57.9 | 13.93 | 53.0 | 12.74 | 48.1 | 11.56 |
| | 7.0 | 6.0 | 72.6 | 16.93 | 67.7 | 15.72 | 62.8 | 14.53 | 60.3 | 13.95 | 57.9 | 13.37 | 53.0 | 12.22 | 48.1 | 11.09 |
| | 9.0 | 7.8 | 72.6 | 16.30 | 67.7 | 15.14 | 62.8 | 14.00 | 60.3 | 13.43 | 57.9 | 12.87 | 53.0 | 11.77 | 48.1 | 10.70 |
| | 12.0 | 10.6 | 72.6 | 15.38 | 67.7 | 14.28 | 62.8 | 13.21 | 60.3 | 12.68 | 57.9 | 12.16 | 53.0 | 11.12 | 48.1 | 10.11 |
| | 15.0 | 13.5 | 72.6 | 14.48 | 67.7 | 13.46 | 62.8 | 12.44 | 60.3 | 11.95 | 57.9 | 11.46 | 53.0 | 10.49 | 48.1 | 9.53 |
| 54.9 (70%) | -20.0 | -20.7 | 44.3 | 17.51 | 43.9 | 17.70 | 43.4 | 17.90 | 43.2 | 17.99 | 43.0 | 18.09 | 42.6 | 18.28 | 40.8 | 17.82 |
| | -15.0 | -16.0 | 51.6 | 18.67 | 51.2 | 18.91 | 50.8 | 19.14 | 50.7 | 19.26 | 49.7 | 19.06 | 46.4 | 17.84 | 42.0 | 16.16 |
| | -12.0 | -13.0 | 56.5 | 19.46 | 56.2 | 19.71 | 54.9 | 19.59 | 52.8 | 18.81 | 50.6 | 18.02 | 46.4 | 16.45 | 42.0 | 14.90 |
| | -9.0 | -10.0 | 61.6 | 20.27 | 59.3 | 19.64 | 54.9 | 18.15 | 52.8 | 17.41 | 50.6 | 16.68 | 46.4 | 15.24 | 42.0 | 13.83 |
| | -7.0 | -8.0 | 63.5 | 20.13 | 59.2 | 18.69 | 54.9 | 17.28 | 52.8 | 16.58 | 50.6 | 15.89 | 46.4 | 14.52 | 42.0 | 13.17 |
| | -5.0 | -6.0 | 63.5 | 19.19 | 59.2 | 17.82 | 54.9 | 16.48 | 52.8 | 15.82 | 50.6 | 15.16 | 46.4 | 13.85 | 42.0 | 12.59 |
| | -3.0 | -4.0 | 63.5 | 18.31 | 59.3 | 17.01 | 54.9 | 15.73 | 52.8 | 15.11 | 50.6 | 14.47 | 46.4 | 13.24 | 42.0 | 12.02 |
| | -1.0 | -2.0 | 63.5 | 17.50 | 59.2 | 16.26 | 54.9 | 15.04 | 52.8 | 14.44 | 50.6 | 13.84 | 46.4 | 12.67 | 42.0 | 11.51 |
| | 0.0 | -1.0 | 63.5 | 17.11 | 59.2 | 15.90 | 54.9 | 14.72 | 52.8 | 14.13 | 50.6 | 13.55 | 46.4 | 12.40 | 42.0 | 11.27 |
| | 2.0 | 1.0 | 63.5 | 16.37 | 59.2 | 15.22 | 54.9 | 14.08 | 52.8 | 13.52 | 50.6 | 12.97 | 46.4 | 11.87 | 42.0 | 10.80 |
| | 5.0 | 4.0 | 63.5 | 15.34 | 59.2 | 14.26 | 54.9 | 13.22 | 52.8 | 12.69 | 50.6 | 12.18 | 46.4 | 11.15 | 42.0 | 10.14 |
| | 7.0 | 6.0 | 63.5 | 14.71 | 59.2 | 13.68 | 54.9 | 12.67 | 52.8 | 12.17 | 50.6 | 11.68 | 46.4 | 10.70 | 42.0 | 9.74 |
| | 9.0 | 7.8 | 63.5 | 14.17 | 59.2 | 13.18 | 54.9 | 12.21 | 52.8 | 11.73 | 50.6 | 11.25 | 46.4 | 10.32 | 42.0 | 9.40 |
| | 12.0 | 10.6 | 63.5 | 13.36 | 59.3 | 12.44 | 54.9 | 11.53 | 52.8 | 11.08 | 50.6 | 10.63 | 46.4 | 9.75 | 42.0 | 8.89 |
| | 15.0 | 13.5 | 63.5 | 12.59 | 59.2 | 11.73 | 54.9 | 10.88 | 52.8 | 10.45 | 50.6 | 10.03 | 46.4 | 9.21 | 42.0 | 8.40 |
| 47.1 (60%) | -20.0 | -20.7 | 43.5 | 17.83 | 43.1 | 18.02 | 42.7 | 18.22 | 42.5 | 18.31 | 42.0 | 18.24 | 39.7 | 17.52 | 36.1 | 15.89 |
| | -15.0 | -16.0 | 50.8 | 19.15 | 50.1 | 19.25 | 47.1 | 18.12 | 45.2 | 17.39 | 43.5 | 16.68 | 39.7 | 15.24 | 36.1 | 13.84 |
| | -12.0 | -13.0 | 54.5 | 19.41 | 50.7 | 18.06 | 47.1 | 16.71 | 45.2 | 16.04 | 43.5 | 15.38 | 39.7 | 14.07 | 36.1 | 12.79 |
| | -9.0 | -10.0 | 54.5 | 17.98 | 50.7 | 16.72 | 47.1 | 15.48 | 45.2 | 14.87 | 43.5 | 14.26 | 39.7 | 13.06 | 36.1 | 11.87 |
| | -7.0 | -8.0 | 54.5 | 17.12 | 50.7 | 15.92 | 47.1 | 14.75 | 45.2 | 14.17 | 43.5 | 13.60 | 39.7 | 12.45 | 36.1 | 11.32 |
| | -5.0 | -6.0 | 54.5 | 16.32 | 50.7 | 15.19 | 47.1 | 14.07 | 45.2 | 13.52 | 43.5 | 12.97 | 39.7 | 11.89 | 36.1 | 10.82 |
| | -3.0 | -4.0 | 54.5 | 15.58 | 50.7 | 14.51 | 47.1 | 13.45 | 45.2 | 12.92 | 43.5 | 12.40 | 39.7 | 11.37 | 36.1 | 10.36 |
| | -1.0 | -2.0 | 54.5 | 14.90 | 50.7 | 13.87 | 47.1 | 12.87 | 45.2 | 12.36 | 43.5 | 11.87 | 39.7 | 10.88 | 36.1 | 9.92 |
| | 0.0 | -1.0 | 54.5 | 14.58 | 50.7 | 13.57 | 47.1 | 12.59 | 45.2 | 12.10 | 43.5 | 11.61 | 39.7 | 10.66 | 36.1 | 9.72 |
| | 2.0 | 1.0 | 54.5 | 13.95 | 50.7 | 13.00 | 47.1 | 12.06 | 45.2 | 11.59 | 43.5 | 11.13 | 39.7 | 10.22 | 36.1 | 9.31 |
| | 5.0 | 4.0 | 54.5 | 13.09 | 50.7 | 12.20 | 47.1 | 11.32 | 45.2 | 10.89 | 43.5 | 10.46 | 39.7 | 9.61 | 36.1 | 8.76 |
| | 7.0 | 6.0 | 54.5 | 12.55 | 50.7 | 11.70 | 47.1 | 10.86 | 45.2 | 10.45 | 43.5 | 10.03 | 39.7 | 9.23 | 36.1 | 8.42 |
| | 9.0 | 7.8 | 54.5 | 12.10 | 50.7 | 11.28 | 47.1 | 10.48 | 45.2 | 10.08 | 43.5 | 9.68 | 39.7 | 8.89 | 36.1 | 8.13 |
| | 12.0 | 10.6 | 54.5 | 11.43 | 50.7 | 10.65 | 47.1 | 9.90 | 45.2 | 9.53 | 43.5 | 9.15 | 39.7 | 8.43 | 36.1 | 7.69 |
| | 15.0 | 13.5 | 54.5 | 10.78 | 50.7 | 10.06 | 47.1 | 9.35 | 45.2 | 8.99 | 43.5 | 8.65 | 39.7 | 7.95 | 36.1 | 7.28 |

| Heating capacity at rated condition: 87.5 kW (28HP) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 39.3 (50%) | -20.0 | -20.7 | 42.5 | 18.29 | 41.6 | 18.22 | 39.2 | 17.28 | 37.7 | 16.61 | 36.2 | 15.93 | 33.1 | 14.58 | 30.1 | 13.26 |
| | -15.0 | -16.0 | 45.4 | 17.43 | 42.3 | 16.23 | 39.3 | 15.05 | 37.7 | 14.46 | 36.2 | 13.88 | 33.1 | 12.72 | 30.1 | 11.58 |
| | -12.0 | -13.0 | 45.4 | 16.07 | 42.3 | 14.98 | 39.3 | 13.89 | 37.7 | 13.36 | 36.2 | 12.82 | 33.1 | 11.76 | 30.1 | 10.72 |
| | -9.0 | -10.0 | 45.4 | 14.91 | 42.3 | 13.89 | 39.3 | 12.89 | 37.7 | 12.40 | 36.2 | 11.91 | 33.1 | 10.93 | 30.1 | 9.97 |
| | -7.0 | -8.0 | 45.4 | 14.20 | 42.3 | 13.24 | 39.3 | 12.30 | 37.7 | 11.82 | 36.2 | 11.37 | 33.1 | 10.44 | 30.1 | 9.52 |
| | -5.0 | -6.0 | 45.4 | 13.56 | 42.3 | 12.64 | 39.3 | 11.75 | 37.7 | 11.30 | 36.2 | 10.86 | 33.1 | 9.97 | 30.1 | 9.12 |
| | -3.0 | -4.0 | 45.4 | 12.96 | 42.3 | 12.09 | 39.3 | 11.23 | 37.7 | 10.81 | 36.2 | 10.38 | 33.1 | 9.55 | 30.1 | 8.73 |
| | -1.0 | -2.0 | 45.4 | 12.40 | 42.3 | 11.57 | 39.3 | 10.75 | 37.7 | 10.35 | 36.2 | 9.95 | 33.1 | 9.16 | 30.1 | 8.37 |
| | 0.0 | -1.0 | 45.4 | 12.12 | 42.3 | 11.32 | 39.3 | 10.53 | 37.7 | 10.13 | 36.2 | 9.74 | 33.1 | 8.96 | 30.1 | 8.20 |
| | 2.0 | 1.0 | 45.4 | 11.62 | 42.3 | 10.85 | 39.3 | 10.10 | 37.7 | 9.72 | 36.2 | 9.34 | 33.1 | 8.60 | 30.1 | 7.87 |
| | 5.0 | 4.0 | 45.4 | 10.92 | 42.3 | 10.20 | 39.3 | 9.49 | 37.7 | 9.13 | 36.2 | 8.79 | 33.1 | 8.10 | 30.1 | 7.42 |
| | 7.0 | 6.0 | 45.4 | 10.48 | 42.3 | 9.79 | 39.3 | 9.11 | 37.7 | 8.78 | 36.2 | 8.45 | 33.1 | 7.78 | 30.1 | 7.13 |
| | 9.0 | 7.8 | 45.4 | 10.11 | 42.3 | 9.44 | 39.3 | 8.80 | 37.7 | 8.47 | 36.2 | 8.15 | 33.1 | 7.52 | 30.1 | 6.89 |
| | 12.0 | 10.6 | 45.4 | 9.55 | 42.3 | 8.93 | 39.3 | 8.33 | 37.7 | 8.02 | 36.2 | 7.72 | 33.1 | 7.13 | 30.1 | 6.54 |
| | 15.0 | 13.5 | 45.4 | 9.02 | 42.3 | 8.44 | 39.3 | 7.86 | 37.7 | 7.59 | 36.2 | 7.30 | 33.1 | 6.75 | 30.1 | 6.20 |

# ■ Model: AJ∗270GALDH

| Heating capacity at rated condition: 95.0 kW (30HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 127.5 (150%) | -20.0 | -20.7 | 54.7 | 17.67 | 53.9 | 17.88 | 53.1 | 18.09 | 52.7 | 18.20 | 52.3 | 18.31 | 51.6 | 18.52 | 50.8 | 18.75 |
| | -15.0 | -16.0 | 62.2 | 18.54 | 61.6 | 18.80 | 60.9 | 19.07 | 60.6 | 19.20 | 60.3 | 19.34 | 59.7 | 19.61 | 59.1 | 19.89 |
| | -12.0 | -13.0 | 67.5 | 19.08 | 67.0 | 19.38 | 66.4 | 19.68 | 66.2 | 19.84 | 65.9 | 19.99 | 65.4 | 20.29 | 64.8 | 20.60 |
| | -9.0 | -10.0 | 73.2 | 19.64 | 72.8 | 19.96 | 72.3 | 20.30 | 72.0 | 20.46 | 71.8 | 20.63 | 71.3 | 20.97 | 70.8 | 21.31 |
| | -7.0 | -8.0 | 77.3 | 20.00 | 76.7 | 20.36 | 76.3 | 20.71 | 76.1 | 20.89 | 75.9 | 21.06 | 75.4 | 21.42 | 74.9 | 21.77 |
| | -5.0 | -6.0 | 81.4 | 20.38 | 81.0 | 20.75 | 80.5 | 21.12 | 80.2 | 21.31 | 80.0 | 21.50 | 79.6 | 21.87 | 79.2 | 22.25 |
| | -3.0 | -4.0 | 85.6 | 20.76 | 85.2 | 21.14 | 84.7 | 21.54 | 84.5 | 21.73 | 84.3 | 21.92 | 83.9 | 22.32 | 83.4 | 22.72 |
| | -1.0 | -2.0 | 90.0 | 21.14 | 89.5 | 21.54 | 89.1 | 21.95 | 88.8 | 22.15 | 88.6 | 22.36 | 88.2 | 22.78 | 87.7 | 23.18 |
| | 0.0 | -1.0 | 92.2 | 21.33 | 91.8 | 21.74 | 91.3 | 22.16 | 91.0 | 22.37 | 90.8 | 22.58 | 90.4 | 23.00 | 89.9 | 23.42 |
| | 2.0 | 1.0 | 96.7 | 21.71 | 96.1 | 22.14 | 95.7 | 22.57 | 95.5 | 22.79 | 95.3 | 23.01 | 94.7 | 23.44 | 94.3 | 23.88 |
| | 5.0 | 4.0 | 103.5 | 22.28 | 103.0 | 22.73 | 102.5 | 23.19 | 102.2 | 23.42 | 101.9 | 23.65 | 101.4 | 24.12 | 98.1 | 23.62 |
| | 7.0 | 6.0 | 108.1 | 22.66 | 107.5 | 23.14 | 107.0 | 23.61 | 106.7 | 23.84 | 106.4 | 24.09 | 104.9 | 24.24 | 100.1 | 23.31 |
| | 9.0 | 7.8 | 112.3 | 23.01 | 111.7 | 23.50 | 111.1 | 23.98 | 110.8 | 24.22 | 110.5 | 24.47 | 107.0 | 23.99 | 100.1 | 22.42 |
| | 12.0 | 10.6 | 118.8 | 23.55 | 118.1 | 24.05 | 117.4 | 24.56 | 117.2 | 24.81 | 114.8 | 24.41 | 109.3 | 23.34 | 100.1 | 21.11 |
| | 15.0 | 13.5 | 125.5 | 24.10 | 124.8 | 24.61 | 122.8 | 24.74 | 120.5 | 24.37 | 118.1 | 24.01 | 109.3 | 21.95 | 100.1 | 19.86 |
| 119.0 (140%) | -20.0 | -20.7 | 54.3 | 17.76 | 53.6 | 17.97 | 52.8 | 18.18 | 52.4 | 18.29 | 52.0 | 18.40 | 51.2 | 18.62 | 50.5 | 18.84 |
| | -15.0 | -16.0 | 61.9 | 18.66 | 61.3 | 18.93 | 60.6 | 19.19 | 60.3 | 19.33 | 60.1 | 19.46 | 59.5 | 19.74 | 58.9 | 20.01 |
| | -12.0 | -13.0 | 67.3 | 19.24 | 66.7 | 19.54 | 66.2 | 19.84 | 65.9 | 19.98 | 65.6 | 20.14 | 65.1 | 20.44 | 64.6 | 20.76 |
| | -9.0 | -10.0 | 73.0 | 19.82 | 72.5 | 20.16 | 72.0 | 20.48 | 71.7 | 20.65 | 71.5 | 20.82 | 71.1 | 21.15 | 70.5 | 21.49 |
| | -7.0 | -8.0 | 76.9 | 20.22 | 76.5 | 20.56 | 76.0 | 20.92 | 75.8 | 21.09 | 75.6 | 21.27 | 75.1 | 21.63 | 74.7 | 21.99 |
| | -5.0 | -6.0 | 81.1 | 20.62 | 80.6 | 20.98 | 80.2 | 21.36 | 80.0 | 21.55 | 79.8 | 21.73 | 79.3 | 22.10 | 78.8 | 22.48 |
| | -3.0 | -4.0 | 85.3 | 21.02 | 84.9 | 21.40 | 84.4 | 21.80 | 84.3 | 21.99 | 84.0 | 22.18 | 83.5 | 22.58 | 83.1 | 22.98 |
| | -1.0 | -2.0 | 89.6 | 21.42 | 89.2 | 21.82 | 88.8 | 22.24 | 88.6 | 22.44 | 88.3 | 22.64 | 87.8 | 23.06 | 87.4 | 23.48 |
| | 0.0 | -1.0 | 91.8 | 21.62 | 91.4 | 22.04 | 91.0 | 22.46 | 90.7 | 22.67 | 90.5 | 22.88 | 90.0 | 23.30 | 89.2 | 23.58 |
| | 2.0 | 1.0 | 96.3 | 22.03 | 95.9 | 22.47 | 95.4 | 22.90 | 95.1 | 23.11 | 94.9 | 23.34 | 94.4 | 23.78 | 91.4 | 23.32 |
| | 5.0 | 4.0 | 103.1 | 22.65 | 102.5 | 23.11 | 102.0 | 23.57 | 101.8 | 23.79 | 101.5 | 24.02 | 99.0 | 23.79 | 93.5 | 22.52 |
| | 7.0 | 6.0 | 107.6 | 23.06 | 107.0 | 23.53 | 106.5 | 24.01 | 106.2 | 24.24 | 105.6 | 24.35 | 101.3 | 23.55 | 93.5 | 21.55 |
| | 9.0 | 7.8 | 111.7 | 23.44 | 111.1 | 23.92 | 110.6 | 24.40 | 109.8 | 24.47 | 107.6 | 24.09 | 102.0 | 22.88 | 93.5 | 20.74 |
| | 12.0 | 10.6 | 118.2 | 24.01 | 117.5 | 24.51 | 115.1 | 24.45 | 113.0 | 24.09 | 110.5 | 23.63 | 102.0 | 21.55 | 93.5 | 19.54 |
| | 15.0 | 13.5 | 124.8 | 24.60 | 122.8 | 24.72 | 118.5 | 24.06 | 114.8 | 23.23 | 110.5 | 22.22 | 102.0 | 20.27 | 93.5 | 18.38 |
| 110.5 (130%) | -20.0 | -20.7 | 54.0 | 17.86 | 53.2 | 18.07 | 52.4 | 18.28 | 52.0 | 18.40 | 51.6 | 18.50 | 50.9 | 18.72 | 50.2 | 18.95 |
| | -15.0 | -16.0 | 61.5 | 18.82 | 60.9 | 19.07 | 60.3 | 19.34 | 60.1 | 19.47 | 59.7 | 19.61 | 59.1 | 19.88 | 58.5 | 20.15 |
| | -12.0 | -13.0 | 66.9 | 19.42 | 66.4 | 19.72 | 65.8 | 20.02 | 65.6 | 20.16 | 65.3 | 20.32 | 64.8 | 20.62 | 64.2 | 20.94 |
| | -9.0 | -10.0 | 72.7 | 20.04 | 72.1 | 20.37 | 71.7 | 20.70 | 71.5 | 20.87 | 71.2 | 21.03 | 70.7 | 21.37 | 70.3 | 21.71 |
| | -7.0 | -8.0 | 76.7 | 20.46 | 76.2 | 20.81 | 75.7 | 21.16 | 75.5 | 21.34 | 75.3 | 21.52 | 74.8 | 21.87 | 74.4 | 22.23 |
| | -5.0 | -6.0 | 80.8 | 20.88 | 80.3 | 21.26 | 79.9 | 21.62 | 79.6 | 21.81 | 79.4 | 22.00 | 79.0 | 22.38 | 78.5 | 22.75 |
| | -3.0 | -4.0 | 84.9 | 21.32 | 84.5 | 21.70 | 84.1 | 22.10 | 83.9 | 22.29 | 83.7 | 22.48 | 83.2 | 22.88 | 82.6 | 23.22 |
| | -1.0 | -2.0 | 89.3 | 21.75 | 88.8 | 22.16 | 88.4 | 22.56 | 88.2 | 22.77 | 88.0 | 22.98 | 87.5 | 23.38 | 84.8 | 22.95 |
| | 0.0 | -1.0 | 91.5 | 21.97 | 91.0 | 22.38 | 90.6 | 22.80 | 90.4 | 23.01 | 90.1 | 23.22 | 89.7 | 23.64 | 85.9 | 22.84 |
| | 2.0 | 1.0 | 95.9 | 22.41 | 95.4 | 22.84 | 95.0 | 23.27 | 94.7 | 23.49 | 94.5 | 23.71 | 92.1 | 23.43 | 86.9 | 22.17 |
| | 5.0 | 4.0 | 102.6 | 23.07 | 102.1 | 23.53 | 101.6 | 23.99 | 101.3 | 24.22 | 99.4 | 23.84 | 94.7 | 22.85 | 86.9 | 20.73 |
| | 7.0 | 6.0 | 107.0 | 23.52 | 106.6 | 23.99 | 105.6 | 24.33 | 103.6 | 23.96 | 101.6 | 23.59 | 94.7 | 21.88 | 86.9 | 19.85 |
| | 9.0 | 7.8 | 111.1 | 23.92 | 110.5 | 24.40 | 107.6 | 24.08 | 105.6 | 23.73 | 102.6 | 23.05 | 94.7 | 21.04 | 86.9 | 19.10 |
| | 12.0 | 10.6 | 117.5 | 24.55 | 114.8 | 24.38 | 110.5 | 23.63 | 106.5 | 22.66 | 102.6 | 21.70 | 94.7 | 19.82 | 86.9 | 18.00 |
| | 15.0 | 13.5 | 122.2 | 24.60 | 118.1 | 24.00 | 110.5 | 22.22 | 106.5 | 21.31 | 102.6 | 20.41 | 94.7 | 18.64 | 86.9 | 16.94 |
| 102.0 (120%) | -20.0 | -20.7 | 53.6 | 17.98 | 52.8 | 18.19 | 52.0 | 18.40 | 51.6 | 18.51 | 51.2 | 18.62 | 50.5 | 18.84 | 49.8 | 19.06 |
| | -15.0 | -16.0 | 61.1 | 18.98 | 60.5 | 19.25 | 59.9 | 19.51 | 59.7 | 19.65 | 59.3 | 19.78 | 58.7 | 20.05 | 58.2 | 20.33 |
| | -12.0 | -13.0 | 66.6 | 19.63 | 66.0 | 19.93 | 65.5 | 20.23 | 65.2 | 20.38 | 65.0 | 20.53 | 64.4 | 20.83 | 63.9 | 21.14 |
| | -9.0 | -10.0 | 72.3 | 20.30 | 71.8 | 20.62 | 71.3 | 20.95 | 71.1 | 21.12 | 70.9 | 21.29 | 70.3 | 21.63 | 69.9 | 21.96 |
| | -7.0 | -8.0 | 76.3 | 20.74 | 75.8 | 21.10 | 75.4 | 21.44 | 75.2 | 21.62 | 74.9 | 21.80 | 74.4 | 22.15 | 74.0 | 22.51 |
| | -5.0 | -6.0 | 80.4 | 21.20 | 79.9 | 21.56 | 79.5 | 21.94 | 79.3 | 22.13 | 79.1 | 22.32 | 78.6 | 22.69 | 77.1 | 22.65 |
| | -3.0 | -4.0 | 84.6 | 21.66 | 84.1 | 22.05 | 83.7 | 22.44 | 83.5 | 22.63 | 83.3 | 22.84 | 82.8 | 23.22 | 79.3 | 22.42 |
| | -1.0 | -2.0 | 88.8 | 22.13 | 88.4 | 22.54 | 88.0 | 22.94 | 87.8 | 23.15 | 87.6 | 23.36 | 85.1 | 23.01 | 80.1 | 21.73 |
| | 0.0 | -1.0 | 91.1 | 22.37 | 90.6 | 22.78 | 90.1 | 23.20 | 89.9 | 23.41 | 89.7 | 23.62 | 86.2 | 22.90 | 80.1 | 21.24 |
| | 2.0 | 1.0 | 95.4 | 22.84 | 95.0 | 23.27 | 94.5 | 23.71 | 93.9 | 23.80 | 92.1 | 23.42 | 87.4 | 22.34 | 80.1 | 20.29 |
| | 5.0 | 4.0 | 102.1 | 23.57 | 101.5 | 24.02 | 99.1 | 23.77 | 97.2 | 23.44 | 94.7 | 22.85 | 87.4 | 20.89 | 80.1 | 18.99 |
| | 7.0 | 6.0 | 106.5 | 24.05 | 105.0 | 24.18 | 101.3 | 23.54 | 98.4 | 22.83 | 94.7 | 21.88 | 87.4 | 20.00 | 80.1 | 18.18 |
| | 9.0 | 7.8 | 110.5 | 24.48 | 107.0 | 23.96 | 102.0 | 22.88 | 98.4 | 21.95 | 94.7 | 21.04 | 87.4 | 19.24 | 80.1 | 17.49 |
| | 12.0 | 10.6 | 114.0 | 24.22 | 109.3 | 23.34 | 102.0 | 21.55 | 98.4 | 20.68 | 94.7 | 19.82 | 87.4 | 18.13 | 80.1 | 16.49 |
| | 15.0 | 13.5 | 116.6 | 23.65 | 109.3 | 21.95 | 102.0 | 20.27 | 98.4 | 19.46 | 94.7 | 18.64 | 87.4 | 17.06 | 80.1 | 15.53 |
| 93.5 (110%) | -20.0 | -20.7 | 53.0 | 18.12 | 52.2 | 18.33 | 51.5 | 18.54 | 51.2 | 18.64 | 50.8 | 18.76 | 50.0 | 18.98 | 49.3 | 19.19 |
| | -15.0 | -16.0 | 60.7 | 19.18 | 60.1 | 19.45 | 59.5 | 19.71 | 59.2 | 19.85 | 58.9 | 19.98 | 58.3 | 20.25 | 57.8 | 20.53 |
| | -12.0 | -13.0 | 66.1 | 19.88 | 65.6 | 20.17 | 65.0 | 20.47 | 64.8 | 20.62 | 64.5 | 20.77 | 64.0 | 21.08 | 63.5 | 21.38 |
| | -9.0 | -10.0 | 71.9 | 20.58 | 71.3 | 20.92 | 70.9 | 21.25 | 70.7 | 21.41 | 70.4 | 21.58 | 70.0 | 21.91 | 69.5 | 22.25 |
| | -7.0 | -8.0 | 75.8 | 21.08 | 75.4 | 21.42 | 74.9 | 21.78 | 74.7 | 21.95 | 74.4 | 22.13 | 74.0 | 22.49 | 71.7 | 22.05 |
| | -5.0 | -6.0 | 79.9 | 21.56 | 79.5 | 21.94 | 79.1 | 22.30 | 78.9 | 22.49 | 78.7 | 22.68 | 77.1 | 22.64 | 73.5 | 21.71 |
| | -3.0 | -4.0 | 84.1 | 22.06 | 83.7 | 22.46 | 83.2 | 22.84 | 83.0 | 23.05 | 82.7 | 23.18 | 79.3 | 22.42 | 73.5 | 20.70 |
| | -1.0 | -2.0 | 88.4 | 22.58 | 87.9 | 22.98 | 87.5 | 23.40 | 86.5 | 23.29 | 84.8 | 22.94 | 80.1 | 21.73 | 73.5 | 19.76 |
| | 0.0 | -1.0 | 90.5 | 22.84 | 90.1 | 23.25 | 89.3 | 23.52 | 87.5 | 23.17 | 85.9 | 22.83 | 80.1 | 21.23 | 73.5 | 19.31 |
| | 2.0 | 1.0 | 94.8 | 23.35 | 94.4 | 23.79 | 91.5 | 23.29 | 89.7 | 22.96 | 86.9 | 22.17 | 80.1 | 20.29 | 73.5 | 18.46 |
| | 5.0 | 4.0 | 101.4 | 24.15 | 98.1 | 23.58 | 93.5 | 22.52 | 90.1 | 21.62 | 86.9 | 20.73 | 80.1 | 18.99 | 73.5 | 17.28 |
| | 7.0 | 6.0 | 103.8 | 23.95 | 100.1 | 23.31 | 93.5 | 21.55 | 90.1 | 20.70 | 86.9 | 19.85 | 80.1 | 18.18 | 73.5 | 16.55 |
| | 9.0 | 7.8 | 105.8 | 23.75 | 100.1 | 22.42 | 93.5 | 20.74 | 90.1 | 19.92 | 86.9 | 19.10 | 80.1 | 17.49 | 73.5 | 15.93 |
| | 12.0 | 10.6 | 106.9 | 22.74 | 100.1 | 21.11 | 93.5 | 19.54 | 90.1 | 18.76 | 86.9 | 18.00 | 80.1 | 16.49 | 73.5 | 15.02 |
| | 15.0 | 13.5 | 106.9 | 21.38 | 100.1 | 19.86 | 93.5 | 18.38 | 90.1 | 17.65 | 86.9 | 16.94 | 80.1 | 15.53 | 73.5 | 14.15 |

MODEL SELECTION

| Heating capacity at rated condition: 95.0 kW (30HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 85.0 (100%) | -20.0 | -20.7 | 52.4 | 18.29 | 51.7 | 18.49 | 50.9 | 18.71 | 50.6 | 18.82 | 50.2 | 18.92 | 49.5 | 19.14 | 48.8 | 19.36 |
| | -15.0 | -16.0 | 60.2 | 19.42 | 59.6 | 19.68 | 59.0 | 19.95 | 58.7 | 20.08 | 58.4 | 20.22 | 57.8 | 20.49 | 57.2 | 20.77 |
| | -12.0 | -13.0 | 65.6 | 20.16 | 65.1 | 20.46 | 64.5 | 20.77 | 64.3 | 20.92 | 64.1 | 21.07 | 63.5 | 21.37 | 63.1 | 21.68 |
| | -9.0 | -10.0 | 71.3 | 20.94 | 70.9 | 21.26 | 70.4 | 21.60 | 70.2 | 21.77 | 70.0 | 21.93 | 69.3 | 22.20 | 66.2 | 21.40 |
| | -7.0 | -8.0 | 75.4 | 21.46 | 74.9 | 21.82 | 74.4 | 22.17 | 74.2 | 22.35 | 74.0 | 22.52 | 71.4 | 21.97 | 66.8 | 20.58 |
| | -5.0 | -6.0 | 79.5 | 22.00 | 78.9 | 22.38 | 78.5 | 22.74 | 78.1 | 22.84 | 76.5 | 22.48 | 72.9 | 21.53 | 66.8 | 19.59 |
| | -3.0 | -4.0 | 83.6 | 22.56 | 83.2 | 22.94 | 81.8 | 22.95 | 80.2 | 22.61 | 78.6 | 22.28 | 72.9 | 20.51 | 66.8 | 18.68 |
| | -1.0 | -2.0 | 87.8 | 23.12 | 87.0 | 23.37 | 83.9 | 22.73 | 82.0 | 22.27 | 78.9 | 21.36 | 72.9 | 19.58 | 66.8 | 17.84 |
| | 0.0 | -1.0 | 89.9 | 23.40 | 88.1 | 23.25 | 85.0 | 22.64 | 82.0 | 21.77 | 78.9 | 20.87 | 72.9 | 19.14 | 66.8 | 17.43 |
| | 2.0 | 1.0 | 93.3 | 23.63 | 90.3 | 23.05 | 85.0 | 21.64 | 82.0 | 20.80 | 78.9 | 19.95 | 72.9 | 18.29 | 66.8 | 16.68 |
| | 5.0 | 4.0 | 96.6 | 23.31 | 91.1 | 21.86 | 85.0 | 20.25 | 82.0 | 19.46 | 78.9 | 18.67 | 72.9 | 17.12 | 66.8 | 15.62 |
| | 7.0 | 6.0 | 97.1 | 22.51 | 91.1 | 20.93 | 85.0 | 19.39 | 82.0 | 18.64 | 78.9 | 17.89 | 72.9 | 16.41 | 66.8 | 14.96 |
| | 9.0 | 7.8 | 97.1 | 21.64 | 91.1 | 20.14 | 85.0 | 18.66 | 82.0 | 17.93 | 78.9 | 17.21 | 72.9 | 15.79 | 66.8 | 14.41 |
| | 12.0 | 10.6 | 97.1 | 20.39 | 91.1 | 18.97 | 85.0 | 17.58 | 82.0 | 16.90 | 78.9 | 16.22 | 72.9 | 14.89 | 66.8 | 13.59 |
| | 15.0 | 13.5 | 97.1 | 19.19 | 91.1 | 17.85 | 85.0 | 16.55 | 82.0 | 15.91 | 78.9 | 15.27 | 72.9 | 14.03 | 66.8 | 12.80 |
| 76.5 (90%) | -20.0 | -20.7 | 51.7 | 18.48 | 50.9 | 18.69 | 50.3 | 18.91 | 49.9 | 19.02 | 49.5 | 19.12 | 48.9 | 19.34 | 48.2 | 19.56 |
| | -15.0 | -16.0 | 59.5 | 19.70 | 59.0 | 19.97 | 58.4 | 20.23 | 58.0 | 20.37 | 57.8 | 20.50 | 57.2 | 20.77 | 56.7 | 21.05 |
| | -12.0 | -13.0 | 64.9 | 20.52 | 64.5 | 20.82 | 63.9 | 21.11 | 63.7 | 21.26 | 63.5 | 21.42 | 62.6 | 21.55 | 59.8 | 20.78 |
| | -9.0 | -10.0 | 70.8 | 21.36 | 70.2 | 21.70 | 69.8 | 22.03 | 69.6 | 22.19 | 68.4 | 21.94 | 65.6 | 21.23 | 60.1 | 19.35 |
| | -7.0 | -8.0 | 74.7 | 21.94 | 74.3 | 22.30 | 73.2 | 22.40 | 71.8 | 22.07 | 70.4 | 21.74 | 65.6 | 20.17 | 60.1 | 18.40 |
| | -5.0 | -6.0 | 78.8 | 22.54 | 78.1 | 22.82 | 75.3 | 22.19 | 73.8 | 21.82 | 71.0 | 20.94 | 65.6 | 19.21 | 60.1 | 17.52 |
| | -3.0 | -4.0 | 82.9 | 23.14 | 80.3 | 22.60 | 76.5 | 21.64 | 73.8 | 20.80 | 71.0 | 19.96 | 65.6 | 18.32 | 60.1 | 16.72 |
| | -1.0 | -2.0 | 85.1 | 22.97 | 82.0 | 22.27 | 76.5 | 20.64 | 73.8 | 19.85 | 71.0 | 19.06 | 65.6 | 17.49 | 60.1 | 15.97 |
| | 0.0 | -1.0 | 86.2 | 22.88 | 82.0 | 21.77 | 76.5 | 20.18 | 73.8 | 19.39 | 71.0 | 18.62 | 65.6 | 17.10 | 60.1 | 15.62 |
| | 2.0 | 1.0 | 87.4 | 22.34 | 82.0 | 20.80 | 76.5 | 19.28 | 73.8 | 18.55 | 71.0 | 17.80 | 65.6 | 16.35 | 60.1 | 14.94 |
| | 5.0 | 4.0 | 87.4 | 20.89 | 82.0 | 19.46 | 76.5 | 18.05 | 73.8 | 17.36 | 71.0 | 16.68 | 65.6 | 15.33 | 60.1 | 14.00 |
| | 7.0 | 6.0 | 87.4 | 20.00 | 82.0 | 18.64 | 76.5 | 17.29 | 73.8 | 16.63 | 71.0 | 15.97 | 65.6 | 14.69 | 60.1 | 13.42 |
| | 9.0 | 7.8 | 87.4 | 19.24 | 82.0 | 17.93 | 76.5 | 16.64 | 73.8 | 16.00 | 71.0 | 15.38 | 65.6 | 14.14 | 60.1 | 12.93 |
| | 12.0 | 10.6 | 87.4 | 18.13 | 82.0 | 16.90 | 76.5 | 15.69 | 73.8 | 15.09 | 71.0 | 14.50 | 65.6 | 13.34 | 60.1 | 12.20 |
| | 15.0 | 13.5 | 87.4 | 17.06 | 82.0 | 15.91 | 76.5 | 14.77 | 73.8 | 14.21 | 71.0 | 13.66 | 65.6 | 12.57 | 60.1 | 11.50 |
| 68.0 (80%) | -20.0 | -20.7 | 50.9 | 18.73 | 50.2 | 18.94 | 49.5 | 19.15 | 49.1 | 19.26 | 48.8 | 19.36 | 48.1 | 19.58 | 47.5 | 19.80 |
| | -15.0 | -16.0 | 58.7 | 20.06 | 58.2 | 20.33 | 57.6 | 20.59 | 57.3 | 20.73 | 57.1 | 20.86 | 55.9 | 20.82 | 53.3 | 20.09 |
| | -12.0 | -13.0 | 64.2 | 20.96 | 63.7 | 21.26 | 63.2 | 21.55 | 62.7 | 21.53 | 61.3 | 21.19 | 58.3 | 20.26 | 53.4 | 18.49 |
| | -9.0 | -10.0 | 70.0 | 21.90 | 69.4 | 22.15 | 66.9 | 21.55 | 65.6 | 21.23 | 63.1 | 20.39 | 58.3 | 18.73 | 53.4 | 17.10 |
| | -7.0 | -8.0 | 73.9 | 22.52 | 71.4 | 21.95 | 68.0 | 20.98 | 65.6 | 20.17 | 63.1 | 19.38 | 58.3 | 17.81 | 53.4 | 16.27 |
| | -5.0 | -6.0 | 76.0 | 22.31 | 72.9 | 21.53 | 68.0 | 19.97 | 65.6 | 19.21 | 63.1 | 18.46 | 58.3 | 16.97 | 53.4 | 15.51 |
| | -3.0 | -4.0 | 77.7 | 22.01 | 72.9 | 20.51 | 68.0 | 19.04 | 65.6 | 18.32 | 63.1 | 17.60 | 58.3 | 16.19 | 53.4 | 14.80 |
| | -1.0 | -2.0 | 77.7 | 21.00 | 72.9 | 19.58 | 68.0 | 18.18 | 65.6 | 17.49 | 63.1 | 16.81 | 58.3 | 15.47 | 53.4 | 14.14 |
| | 0.0 | -1.0 | 77.7 | 20.52 | 72.9 | 19.14 | 68.0 | 17.78 | 65.6 | 17.10 | 63.1 | 16.44 | 58.3 | 15.13 | 53.4 | 13.83 |
| | 2.0 | 1.0 | 77.7 | 19.61 | 72.9 | 18.29 | 68.0 | 16.99 | 65.6 | 16.35 | 63.1 | 15.73 | 58.3 | 14.47 | 53.4 | 13.24 |
| | 5.0 | 4.0 | 77.7 | 18.36 | 72.9 | 17.12 | 68.0 | 15.92 | 65.6 | 15.33 | 63.1 | 14.73 | 58.3 | 13.57 | 53.4 | 12.42 |
| | 7.0 | 6.0 | 77.7 | 17.58 | 72.9 | 16.41 | 68.0 | 15.25 | 65.6 | 14.69 | 63.1 | 14.12 | 58.3 | 13.00 | 53.4 | 11.91 |
| | 9.0 | 7.8 | 77.7 | 16.92 | 72.9 | 15.79 | 68.0 | 14.69 | 65.6 | 14.14 | 63.1 | 13.59 | 58.3 | 12.53 | 53.4 | 11.48 |
| | 12.0 | 10.6 | 77.7 | 15.95 | 72.9 | 14.89 | 68.0 | 13.85 | 65.6 | 13.34 | 63.1 | 12.83 | 58.3 | 11.83 | 53.4 | 10.84 |
| | 15.0 | 13.5 | 77.7 | 15.02 | 72.9 | 14.03 | 68.0 | 13.04 | 65.6 | 12.57 | 63.1 | 12.09 | 58.3 | 11.15 | 53.4 | 10.23 |
| 59.5 (70%) | -20.0 | -20.7 | 49.8 | 19.03 | 49.2 | 19.24 | 48.5 | 19.46 | 48.2 | 19.56 | 47.8 | 19.67 | 47.2 | 19.89 | 45.5 | 19.48 |
| | -15.0 | -16.0 | 57.7 | 20.50 | 57.3 | 20.77 | 56.6 | 20.99 | 55.5 | 20.67 | 54.3 | 20.35 | 51.0 | 19.16 | 46.7 | 17.51 |
| | -12.0 | -13.0 | 63.2 | 21.52 | 61.7 | 21.26 | 59.5 | 20.70 | 57.4 | 19.93 | 55.2 | 19.16 | 51.0 | 17.62 | 46.7 | 16.11 |
| | -9.0 | -10.0 | 66.9 | 21.54 | 63.8 | 20.59 | 59.5 | 19.13 | 57.4 | 18.42 | 55.2 | 17.70 | 51.0 | 16.29 | 46.7 | 14.92 |
| | -7.0 | -8.0 | 68.0 | 20.98 | 63.7 | 19.57 | 59.5 | 18.20 | 57.4 | 17.52 | 55.2 | 16.84 | 51.0 | 15.51 | 46.7 | 14.19 |
| | -5.0 | -6.0 | 68.0 | 19.97 | 63.7 | 18.64 | 59.5 | 17.34 | 57.4 | 16.69 | 55.2 | 16.05 | 51.0 | 14.78 | 46.7 | 13.55 |
| | -3.0 | -4.0 | 68.0 | 19.04 | 63.8 | 17.78 | 59.5 | 16.54 | 57.4 | 15.93 | 55.2 | 15.31 | 51.0 | 14.12 | 46.7 | 12.93 |
| | -1.0 | -2.0 | 68.0 | 18.18 | 63.7 | 16.98 | 59.5 | 15.80 | 57.4 | 15.22 | 55.2 | 14.63 | 51.0 | 13.50 | 46.7 | 12.37 |
| | 0.0 | -1.0 | 68.0 | 17.78 | 63.7 | 16.61 | 59.5 | 15.45 | 57.4 | 14.88 | 55.2 | 14.32 | 51.0 | 13.20 | 46.7 | 12.11 |
| | 2.0 | 1.0 | 68.0 | 16.99 | 63.7 | 15.88 | 59.5 | 14.78 | 57.4 | 14.23 | 55.2 | 13.70 | 51.0 | 12.64 | 46.7 | 11.59 |
| | 5.0 | 4.0 | 68.0 | 15.92 | 63.7 | 14.87 | 59.5 | 13.86 | 57.4 | 13.35 | 55.2 | 12.85 | 51.0 | 11.85 | 46.7 | 10.88 |
| | 7.0 | 6.0 | 68.0 | 15.25 | 63.7 | 14.26 | 59.5 | 13.28 | 57.4 | 12.80 | 55.2 | 12.32 | 51.0 | 11.38 | 46.7 | 10.44 |
| | 9.0 | 7.8 | 68.0 | 14.69 | 63.7 | 13.73 | 59.5 | 12.80 | 57.4 | 12.33 | 55.2 | 11.87 | 51.0 | 10.97 | 46.7 | 10.07 |
| | 12.0 | 10.6 | 68.0 | 13.85 | 63.8 | 12.95 | 59.5 | 12.07 | 57.4 | 11.65 | 55.2 | 11.21 | 51.0 | 10.35 | 46.7 | 9.52 |
| | 15.0 | 13.5 | 68.0 | 13.04 | 63.7 | 12.21 | 59.5 | 11.39 | 57.4 | 10.97 | 55.2 | 10.57 | 51.0 | 9.78 | 46.7 | 8.99 |
| 51.0 (60%) | -20.0 | -20.7 | 48.6 | 19.43 | 47.9 | 19.64 | 47.3 | 19.86 | 46.8 | 19.89 | 45.9 | 19.57 | 43.7 | 18.88 | 40.1 | 17.27 |
| | -15.0 | -16.0 | 56.0 | 20.78 | 54.0 | 20.26 | 51.0 | 19.16 | 49.1 | 18.44 | 47.4 | 17.74 | 43.7 | 16.34 | 40.1 | 14.97 |
| | -12.0 | -13.0 | 58.3 | 20.26 | 54.6 | 18.94 | 51.0 | 17.62 | 49.1 | 16.97 | 47.4 | 16.32 | 43.7 | 15.05 | 40.1 | 13.80 |
| | -9.0 | -10.0 | 58.3 | 18.73 | 54.6 | 17.50 | 51.0 | 16.29 | 49.1 | 15.70 | 47.4 | 15.11 | 43.7 | 13.93 | 40.1 | 12.78 |
| | -7.0 | -8.0 | 58.3 | 17.81 | 54.6 | 16.65 | 51.0 | 15.51 | 49.1 | 14.94 | 47.4 | 14.39 | 43.7 | 13.28 | 40.1 | 12.18 |
| | -5.0 | -6.0 | 58.3 | 16.97 | 54.6 | 15.87 | 51.0 | 14.78 | 49.1 | 14.25 | 47.4 | 13.72 | 43.7 | 12.67 | 40.1 | 11.63 |
| | -3.0 | -4.0 | 58.3 | 16.19 | 54.6 | 15.14 | 51.0 | 14.12 | 49.1 | 13.61 | 47.4 | 13.10 | 43.7 | 12.11 | 40.1 | 11.12 |
| | -1.0 | -2.0 | 58.3 | 15.47 | 54.6 | 14.47 | 51.0 | 13.50 | 49.1 | 13.01 | 47.4 | 12.53 | 43.7 | 11.58 | 40.1 | 10.64 |
| | 0.0 | -1.0 | 58.3 | 15.13 | 54.6 | 14.16 | 51.0 | 13.20 | 49.1 | 12.73 | 47.4 | 12.26 | 43.7 | 11.34 | 40.1 | 10.42 |
| | 2.0 | 1.0 | 58.3 | 14.47 | 54.6 | 13.55 | 51.0 | 12.64 | 49.1 | 12.18 | 47.4 | 11.74 | 43.7 | 10.86 | 40.1 | 9.99 |
| | 5.0 | 4.0 | 58.3 | 13.57 | 54.6 | 12.71 | 51.0 | 11.85 | 49.1 | 11.44 | 47.4 | 11.03 | 43.7 | 10.20 | 40.1 | 9.38 |
| | 7.0 | 6.0 | 58.3 | 13.00 | 54.6 | 12.18 | 51.0 | 11.38 | 49.1 | 10.97 | 47.4 | 10.57 | 43.7 | 9.80 | 40.1 | 9.02 |
| | 9.0 | 7.8 | 58.3 | 12.53 | 54.6 | 11.74 | 51.0 | 10.97 | 49.1 | 10.58 | 47.4 | 10.20 | 43.7 | 9.44 | 40.1 | 8.70 |
| | 12.0 | 10.6 | 58.3 | 11.83 | 54.6 | 11.09 | 51.0 | 10.35 | 49.1 | 10.00 | 47.4 | 9.64 | 43.7 | 8.94 | 40.1 | 8.23 |
| | 15.0 | 13.5 | 58.3 | 11.15 | 54.6 | 10.46 | 51.0 | 9.78 | 49.1 | 9.44 | 47.4 | 9.10 | 43.7 | 8.43 | 40.1 | 7.79 |

| Heating capacity at rated condition: 95.0 kW (30HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 42.5 (50%) | -20.0 | -20.7 | 46.6 | 19.77 | 44.8 | 19.25 | 42.5 | 18.34 | 41.0 | 17.67 | 39.5 | 17.00 | 36.4 | 15.68 | 33.4 | 14.38 |
| | -15.0 | -16.0 | 48.6 | 18.21 | 45.5 | 17.04 | 42.5 | 15.88 | 41.0 | 15.31 | 39.5 | 14.74 | 36.4 | 13.61 | 33.4 | 12.50 |
| | -12.0 | -13.0 | 48.6 | 16.75 | 45.5 | 15.68 | 42.5 | 14.63 | 41.0 | 14.11 | 39.5 | 13.58 | 36.4 | 12.56 | 33.4 | 11.54 |
| | -9.0 | -10.0 | 48.6 | 15.50 | 45.5 | 14.52 | 42.5 | 13.55 | 41.0 | 13.07 | 39.5 | 12.60 | 36.4 | 11.65 | 33.4 | 10.71 |
| | -7.0 | -8.0 | 48.6 | 14.76 | 45.5 | 13.83 | 42.5 | 12.91 | 41.0 | 12.45 | 39.5 | 12.01 | 36.4 | 11.11 | 33.4 | 10.22 |
| | -5.0 | -6.0 | 48.6 | 14.08 | 45.5 | 13.19 | 42.5 | 12.32 | 41.0 | 11.89 | 39.5 | 11.46 | 36.4 | 10.61 | 33.4 | 9.78 |
| | -3.0 | -4.0 | 48.6 | 13.44 | 45.5 | 12.60 | 42.5 | 11.78 | 41.0 | 11.37 | 39.5 | 10.96 | 36.4 | 10.15 | 33.4 | 9.36 |
| | -1.0 | -2.0 | 48.6 | 12.85 | 45.5 | 12.05 | 42.5 | 11.27 | 41.0 | 10.88 | 39.5 | 10.49 | 36.4 | 9.73 | 33.4 | 8.96 |
| | 0.0 | -1.0 | 48.6 | 12.57 | 45.5 | 11.79 | 42.5 | 11.03 | 41.0 | 10.64 | 39.5 | 10.26 | 36.4 | 9.51 | 33.4 | 8.78 |
| | 2.0 | 1.0 | 48.6 | 12.04 | 45.5 | 11.30 | 42.5 | 10.57 | 41.0 | 10.20 | 39.5 | 9.84 | 36.4 | 9.13 | 33.4 | 8.43 |
| | 5.0 | 4.0 | 48.6 | 11.30 | 45.5 | 10.61 | 42.5 | 9.93 | 41.0 | 9.59 | 39.5 | 9.25 | 36.4 | 8.59 | 33.4 | 7.93 |
| | 7.0 | 6.0 | 48.6 | 10.84 | 45.5 | 10.19 | 42.5 | 9.53 | 41.0 | 9.21 | 39.5 | 8.89 | 36.4 | 8.25 | 33.4 | 7.63 |
| | 9.0 | 7.8 | 48.6 | 10.46 | 45.5 | 9.82 | 42.5 | 9.20 | 41.0 | 8.89 | 39.5 | 8.58 | 36.4 | 7.97 | 33.4 | 7.37 |
| | 12.0 | 10.6 | 48.6 | 9.88 | 45.5 | 9.29 | 42.5 | 8.70 | 41.0 | 8.41 | 39.5 | 8.12 | 36.4 | 7.55 | 33.4 | 6.98 |
| | 15.0 | 13.5 | 48.6 | 9.33 | 45.5 | 8.77 | 42.5 | 8.21 | 41.0 | 7.95 | 39.5 | 7.68 | 36.4 | 7.15 | 33.4 | 6.62 |

# ■ Model: AJ∗288GALDH

| Heating capacity at rated condition: 100.0 kW (32HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 135.0 (150%) | -20.0 | -20.7 | 54.8 | 18.02 | 54.0 | 18.24 | 53.2 | 18.46 | 52.8 | 18.58 | 52.4 | 18.70 | 51.8 | 18.92 | 51.0 | 19.16 |
| | -15.0 | -16.0 | 62.4 | 18.90 | 61.8 | 19.18 | 61.2 | 19.46 | 60.8 | 19.60 | 60.6 | 19.74 | 60.0 | 20.02 | 59.4 | 20.32 |
| | -12.0 | -13.0 | 67.8 | 19.44 | 67.4 | 19.76 | 66.8 | 20.08 | 66.6 | 20.24 | 66.2 | 20.40 | 65.8 | 20.72 | 65.2 | 21.04 |
| | -9.0 | -10.0 | 73.6 | 20.00 | 73.2 | 20.34 | 72.7 | 20.70 | 72.4 | 20.86 | 72.2 | 21.04 | 71.8 | 21.40 | 71.2 | 21.76 |
| | -7.0 | -8.0 | 77.8 | 20.36 | 77.2 | 20.74 | 76.8 | 21.10 | 76.6 | 21.30 | 76.4 | 21.48 | 76.0 | 21.86 | 75.4 | 22.22 |
| | -5.0 | -6.0 | 82.0 | 20.74 | 81.6 | 21.12 | 81.1 | 21.52 | 80.8 | 21.72 | 80.6 | 21.92 | 80.2 | 22.30 | 79.8 | 22.70 |
| | -3.0 | -4.0 | 86.2 | 21.12 | 85.8 | 21.52 | 85.4 | 21.94 | 85.2 | 22.14 | 85.0 | 22.34 | 84.6 | 22.76 | 84.0 | 23.18 |
| | -1.0 | -2.0 | 90.8 | 21.50 | 90.2 | 21.92 | 89.8 | 22.34 | 89.6 | 22.56 | 89.4 | 22.78 | 89.0 | 23.22 | 88.4 | 23.64 |
| | 0.0 | -1.0 | 93.0 | 21.68 | 92.6 | 22.12 | 92.1 | 22.56 | 91.8 | 22.78 | 91.6 | 23.00 | 91.2 | 23.44 | 90.8 | 23.88 |
| | 2.0 | 1.0 | 97.6 | 22.06 | 97.0 | 22.52 | 96.6 | 22.96 | 96.4 | 23.20 | 96.2 | 23.42 | 95.6 | 23.88 | 95.2 | 24.34 |
| | 5.0 | 4.0 | 104.6 | 22.62 | 104.0 | 23.10 | 103.5 | 23.58 | 103.2 | 23.82 | 103.0 | 24.06 | 102.4 | 24.56 | 102.0 | 25.04 |
| | 7.0 | 6.0 | 109.2 | 23.00 | 108.6 | 23.50 | 108.1 | 24.00 | 107.8 | 24.24 | 107.6 | 24.50 | 107.0 | 25.00 | 106.0 | 25.36 |
| | 9.0 | 7.8 | 113.6 | 23.34 | 113.0 | 23.86 | 112.3 | 24.36 | 112.0 | 24.62 | 111.8 | 24.88 | 111.2 | 25.40 | 106.0 | 24.40 |
| | 12.0 | 10.6 | 120.2 | 23.88 | 119.6 | 24.40 | 118.9 | 24.94 | 118.6 | 25.20 | 118.2 | 25.46 | 115.8 | 25.40 | 106.0 | 22.96 |
| | 15.0 | 13.5 | 127.2 | 24.42 | 126.4 | 24.96 | 125.6 | 25.50 | 125.2 | 25.78 | 124.8 | 26.06 | 115.8 | 23.88 | 106.0 | 21.60 |
| 126.0 (140%) | -20.0 | -20.7 | 54.4 | 18.12 | 53.8 | 18.34 | 52.9 | 18.56 | 52.6 | 18.68 | 52.2 | 18.78 | 51.4 | 19.02 | 50.6 | 19.24 |
| | -15.0 | -16.0 | 62.2 | 19.02 | 61.6 | 19.30 | 60.9 | 19.58 | 60.6 | 19.72 | 60.4 | 19.86 | 59.8 | 20.16 | 59.2 | 20.44 |
| | -12.0 | -13.0 | 67.6 | 19.60 | 67.0 | 19.92 | 66.5 | 20.24 | 66.2 | 20.38 | 66.0 | 20.54 | 65.4 | 20.86 | 65.0 | 21.20 |
| | -9.0 | -10.0 | 73.4 | 20.18 | 73.0 | 20.54 | 72.5 | 20.88 | 72.2 | 21.06 | 72.0 | 21.24 | 71.6 | 21.58 | 71.0 | 21.94 |
| | -7.0 | -8.0 | 77.4 | 20.58 | 77.0 | 20.94 | 76.6 | 21.32 | 76.4 | 21.50 | 76.2 | 21.68 | 75.6 | 22.06 | 75.2 | 22.44 |
| | -5.0 | -6.0 | 81.6 | 20.98 | 81.2 | 21.36 | 80.8 | 21.76 | 80.6 | 21.96 | 80.4 | 22.14 | 80.0 | 22.54 | 79.4 | 22.94 |
| | -3.0 | -4.0 | 86.0 | 21.38 | 85.6 | 21.78 | 85.1 | 22.20 | 85.0 | 22.40 | 84.6 | 22.60 | 84.2 | 23.02 | 83.8 | 23.44 |
| | -1.0 | -2.0 | 90.4 | 21.78 | 90.0 | 22.20 | 89.5 | 22.64 | 89.4 | 22.84 | 89.0 | 23.06 | 88.6 | 23.50 | 88.2 | 23.94 |
| | 0.0 | -1.0 | 92.6 | 21.98 | 92.2 | 22.42 | 91.8 | 22.86 | 91.6 | 23.08 | 91.4 | 23.30 | 90.8 | 23.74 | 90.4 | 24.18 |
| | 2.0 | 1.0 | 97.2 | 22.38 | 96.8 | 22.84 | 96.3 | 23.30 | 96.0 | 23.52 | 95.8 | 23.76 | 95.4 | 24.22 | 94.8 | 24.68 |
| | 5.0 | 4.0 | 104.2 | 23.00 | 103.6 | 23.48 | 103.1 | 23.96 | 102.8 | 24.20 | 102.6 | 24.44 | 102.0 | 24.92 | 99.0 | 24.50 |
| | 7.0 | 6.0 | 108.8 | 23.40 | 108.2 | 23.90 | 107.7 | 24.40 | 107.4 | 24.64 | 107.2 | 24.90 | 106.6 | 25.40 | 99.0 | 23.44 |
| | 9.0 | 7.8 | 113.0 | 23.78 | 112.4 | 24.28 | 111.8 | 24.78 | 111.6 | 25.04 | 111.2 | 25.30 | 108.0 | 24.90 | 99.0 | 22.56 |
| | 12.0 | 10.6 | 119.6 | 24.34 | 119.0 | 24.86 | 118.3 | 25.40 | 118.0 | 25.66 | 117.0 | 25.72 | 108.0 | 23.44 | 99.0 | 21.24 |
| | 15.0 | 13.5 | 126.4 | 24.92 | 125.6 | 25.46 | 124.9 | 26.02 | 121.6 | 25.28 | 117.0 | 24.18 | 108.0 | 22.04 | 99.0 | 19.98 |
| 117.0 (130%) | -20.0 | -20.7 | 54.2 | 18.22 | 53.4 | 18.44 | 52.6 | 18.66 | 52.2 | 18.78 | 51.8 | 18.88 | 51.0 | 19.12 | 50.4 | 19.36 |
| | -15.0 | -16.0 | 61.8 | 19.18 | 61.2 | 19.44 | 60.6 | 19.72 | 60.4 | 19.86 | 60.0 | 20.02 | 59.4 | 20.30 | 58.8 | 20.58 |
| | -12.0 | -13.0 | 67.2 | 19.78 | 66.8 | 20.10 | 66.2 | 20.42 | 66.0 | 20.56 | 65.6 | 20.72 | 65.2 | 21.04 | 64.6 | 21.38 |
| | -9.0 | -10.0 | 73.2 | 20.40 | 72.6 | 20.74 | 72.2 | 21.10 | 72.0 | 21.28 | 71.6 | 21.44 | 71.2 | 21.80 | 70.8 | 22.16 |
| | -7.0 | -8.0 | 77.2 | 20.82 | 76.8 | 21.18 | 76.3 | 21.56 | 76.0 | 21.74 | 75.8 | 21.94 | 75.4 | 22.30 | 75.0 | 22.68 |
| | -5.0 | -6.0 | 81.4 | 21.24 | 81.0 | 21.64 | 80.5 | 22.02 | 80.2 | 22.22 | 80.0 | 22.42 | 79.6 | 22.82 | 79.2 | 23.20 |
| | -3.0 | -4.0 | 85.6 | 21.68 | 85.2 | 22.08 | 84.8 | 22.50 | 84.6 | 22.70 | 84.4 | 22.90 | 84.0 | 23.32 | 83.4 | 23.74 |
| | -1.0 | -2.0 | 90.0 | 22.10 | 89.6 | 22.54 | 89.2 | 22.96 | 89.0 | 23.18 | 88.8 | 23.40 | 88.4 | 23.82 | 87.8 | 24.26 |
| | 0.0 | -1.0 | 92.4 | 22.32 | 91.8 | 22.76 | 91.4 | 23.20 | 91.2 | 23.42 | 91.0 | 23.64 | 90.6 | 24.08 | 90.0 | 24.52 |
| | 2.0 | 1.0 | 96.8 | 22.76 | 96.4 | 23.22 | 95.9 | 23.66 | 95.6 | 23.90 | 95.4 | 24.12 | 95.0 | 24.58 | 92.0 | 24.12 |
| | 5.0 | 4.0 | 103.6 | 23.42 | 103.2 | 23.90 | 102.7 | 24.38 | 102.4 | 24.62 | 102.2 | 24.86 | 100.2 | 24.86 | 92.0 | 22.54 |
| | 7.0 | 6.0 | 108.2 | 23.86 | 107.8 | 24.36 | 107.2 | 24.86 | 107.0 | 25.10 | 106.6 | 25.34 | 100.2 | 23.80 | 92.0 | 21.58 |
| | 9.0 | 7.8 | 112.4 | 24.26 | 111.8 | 24.76 | 111.3 | 25.28 | 111.0 | 25.52 | 108.6 | 25.08 | 100.2 | 22.88 | 92.0 | 20.76 |
| | 12.0 | 10.6 | 119.0 | 24.88 | 118.2 | 25.40 | 117.0 | 25.72 | 112.8 | 24.66 | 108.6 | 23.60 | 100.2 | 21.56 | 92.0 | 19.56 |
| | 15.0 | 13.5 | 125.6 | 25.50 | 124.8 | 26.04 | 117.0 | 24.18 | 112.8 | 23.18 | 108.6 | 22.20 | 100.2 | 20.26 | 92.0 | 18.40 |
| 108.0 (120%) | -20.0 | -20.7 | 53.8 | 18.34 | 53.0 | 18.56 | 52.2 | 18.78 | 51.8 | 18.90 | 51.4 | 19.00 | 50.8 | 19.24 | 50.0 | 19.46 |
| | -15.0 | -16.0 | 61.4 | 19.34 | 60.8 | 19.62 | 60.2 | 19.90 | 60.0 | 20.04 | 59.6 | 20.18 | 59.0 | 20.46 | 58.6 | 20.76 |
| | -12.0 | -13.0 | 67.0 | 20.00 | 66.4 | 20.30 | 65.9 | 20.62 | 65.6 | 20.78 | 65.4 | 20.94 | 64.8 | 21.26 | 64.4 | 21.58 |
| | -9.0 | -10.0 | 72.8 | 20.66 | 72.2 | 21.00 | 71.8 | 21.34 | 71.6 | 21.52 | 71.4 | 21.70 | 70.8 | 22.06 | 70.4 | 22.40 |
| | -7.0 | -8.0 | 76.8 | 21.10 | 76.4 | 21.48 | 75.9 | 21.84 | 75.8 | 22.02 | 75.4 | 22.22 | 75.0 | 22.58 | 74.6 | 22.96 |
| | -5.0 | -6.0 | 81.0 | 21.56 | 80.6 | 21.94 | 80.2 | 22.34 | 80.0 | 22.54 | 79.8 | 22.74 | 79.2 | 23.12 | 78.8 | 23.52 |
| | -3.0 | -4.0 | 85.4 | 22.02 | 84.8 | 22.42 | 84.4 | 22.84 | 84.2 | 23.04 | 84.0 | 23.26 | 83.6 | 23.66 | 83.2 | 24.08 |
| | -1.0 | -2.0 | 89.6 | 22.48 | 89.2 | 22.92 | 88.8 | 23.34 | 88.6 | 23.56 | 88.4 | 23.78 | 88.0 | 24.20 | 84.8 | 23.64 |
| | 0.0 | -1.0 | 92.0 | 22.72 | 91.4 | 23.16 | 91.0 | 23.60 | 90.8 | 23.82 | 90.6 | 24.04 | 90.2 | 24.48 | 84.8 | 23.10 |
| | 2.0 | 1.0 | 96.4 | 23.20 | 96.0 | 23.64 | 95.4 | 24.10 | 95.2 | 24.34 | 95.0 | 24.56 | 92.6 | 24.30 | 84.8 | 22.06 |
| | 5.0 | 4.0 | 103.2 | 23.92 | 102.6 | 24.40 | 102.1 | 24.88 | 101.8 | 25.12 | 100.2 | 24.86 | 92.6 | 22.72 | 84.8 | 20.64 |
| | 7.0 | 6.0 | 107.8 | 24.40 | 107.2 | 24.88 | 106.6 | 25.38 | 104.2 | 24.84 | 100.2 | 23.80 | 92.6 | 21.74 | 84.8 | 19.76 |
| | 9.0 | 7.8 | 111.8 | 24.82 | 111.2 | 25.34 | 108.0 | 24.90 | 104.2 | 23.88 | 100.2 | 22.88 | 92.6 | 20.92 | 84.8 | 19.00 |
| | 12.0 | 10.6 | 118.2 | 25.50 | 115.8 | 25.40 | 108.0 | 23.44 | 104.2 | 22.50 | 100.2 | 21.56 | 92.6 | 19.70 | 84.8 | 17.92 |
| | 15.0 | 13.5 | 123.4 | 25.74 | 115.8 | 23.88 | 108.0 | 22.04 | 104.2 | 21.16 | 100.2 | 20.26 | 92.6 | 18.54 | 84.8 | 16.86 |
| 99.0 (110%) | -20.0 | -20.7 | 53.2 | 18.48 | 52.4 | 18.70 | 51.7 | 18.92 | 51.4 | 19.02 | 51.0 | 19.14 | 50.2 | 19.38 | 49.6 | 19.60 |
| | -15.0 | -16.0 | 61.0 | 19.54 | 60.4 | 19.82 | 59.8 | 20.10 | 59.6 | 20.24 | 59.2 | 20.38 | 58.6 | 20.66 | 58.2 | 20.96 |
| | -12.0 | -13.0 | 66.6 | 20.24 | 66.0 | 20.54 | 65.5 | 20.86 | 65.2 | 21.02 | 65.0 | 21.18 | 64.4 | 21.50 | 64.0 | 21.82 |
| | -9.0 | -10.0 | 72.4 | 20.94 | 71.8 | 21.30 | 71.4 | 21.64 | 71.2 | 21.82 | 71.0 | 22.00 | 70.6 | 22.34 | 70.0 | 22.70 |
| | -7.0 | -8.0 | 76.4 | 21.44 | 76.0 | 21.80 | 75.5 | 22.18 | 75.4 | 22.36 | 75.0 | 22.54 | 74.6 | 22.92 | 74.2 | 23.30 |
| | -5.0 | -6.0 | 80.6 | 21.92 | 80.2 | 22.32 | 79.7 | 22.70 | 79.6 | 22.90 | 79.4 | 23.10 | 78.8 | 23.50 | 77.8 | 23.62 |
| | -3.0 | -4.0 | 84.8 | 22.42 | 84.4 | 22.84 | 84.0 | 23.24 | 83.8 | 23.46 | 83.6 | 23.66 | 83.2 | 24.08 | 77.8 | 22.52 |
| | -1.0 | -2.0 | 89.2 | 22.94 | 88.8 | 23.36 | 88.3 | 23.80 | 88.2 | 24.00 | 87.8 | 24.22 | 84.8 | 23.64 | 77.8 | 21.48 |
| | 0.0 | -1.0 | 91.4 | 23.20 | 91.0 | 23.62 | 90.5 | 24.06 | 90.2 | 24.28 | 90.0 | 24.50 | 84.8 | 23.10 | 77.8 | 21.00 |
| | 2.0 | 1.0 | 95.8 | 23.70 | 95.4 | 24.16 | 94.9 | 24.62 | 94.6 | 24.84 | 92.0 | 24.12 | 84.8 | 22.06 | 77.8 | 20.06 |
| | 5.0 | 4.0 | 102.6 | 24.50 | 102.0 | 24.96 | 99.0 | 24.50 | 95.4 | 23.52 | 92.0 | 22.54 | 84.8 | 20.64 | 77.8 | 18.78 |
| | 7.0 | 6.0 | 107.0 | 25.02 | 106.0 | 25.36 | 99.0 | 23.44 | 95.4 | 22.52 | 92.0 | 21.58 | 84.8 | 19.76 | 77.8 | 17.98 |
| | 9.0 | 7.8 | 111.0 | 25.48 | 106.0 | 24.40 | 99.0 | 22.56 | 95.4 | 21.66 | 92.0 | 20.76 | 84.8 | 19.00 | 77.8 | 17.30 |
| | 12.0 | 10.6 | 113.2 | 24.74 | 106.0 | 22.96 | 99.0 | 21.24 | 95.4 | 20.40 | 92.0 | 19.56 | 84.8 | 17.92 | 77.8 | 16.30 |
| | 15.0 | 13.5 | 113.2 | 23.26 | 106.0 | 21.60 | 99.0 | 19.98 | 95.4 | 19.18 | 92.0 | 18.40 | 84.8 | 16.86 | 77.8 | 15.36 |

MODEL SELECTION

**Heating capacity at rated condition: 100.0 kW (32HP)**

| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 90.0 (100%) | -20.0 | -20.7 | 52.6 | 18.64 | 52.0 | 18.86 | 51.2 | 19.08 | 50.8 | 19.20 | 50.4 | 19.30 | 49.8 | 19.54 | 49.0 | 19.76 |
| | -15.0 | -16.0 | 60.6 | 19.78 | 60.0 | 20.06 | 59.3 | 20.34 | 59.0 | 20.48 | 58.8 | 20.62 | 58.2 | 20.90 | 57.6 | 21.20 |
| | -12.0 | -13.0 | 66.0 | 20.52 | 65.6 | 20.84 | 65.0 | 21.16 | 64.8 | 21.32 | 64.6 | 21.48 | 64.0 | 21.80 | 63.6 | 22.12 |
| | -9.0 | -10.0 | 71.8 | 21.30 | 71.4 | 21.64 | 71.0 | 22.00 | 70.8 | 22.18 | 70.6 | 22.34 | 70.0 | 22.70 | 69.6 | 23.06 |
| | -7.0 | -8.0 | 76.0 | 21.82 | 75.6 | 22.20 | 75.1 | 22.56 | 74.8 | 22.76 | 74.6 | 22.94 | 74.2 | 23.32 | 70.8 | 22.38 |
| | -5.0 | -6.0 | 80.2 | 22.36 | 79.6 | 22.76 | 79.3 | 23.14 | 79.0 | 23.34 | 78.8 | 23.54 | 77.2 | 23.42 | 70.8 | 21.30 |
| | -3.0 | -4.0 | 84.4 | 22.92 | 84.0 | 23.32 | 83.5 | 23.74 | 83.2 | 23.94 | 83.0 | 24.14 | 77.2 | 22.30 | 70.8 | 20.30 |
| | -1.0 | -2.0 | 88.6 | 23.48 | 88.2 | 23.90 | 87.8 | 24.32 | 86.8 | 24.22 | 83.6 | 23.24 | 77.2 | 21.28 | 70.8 | 19.38 |
| | 0.0 | -1.0 | 90.8 | 23.76 | 90.4 | 24.18 | 89.9 | 24.62 | 86.8 | 23.68 | 83.6 | 22.70 | 77.2 | 20.80 | 70.8 | 18.94 |
| | 2.0 | 1.0 | 95.2 | 24.32 | 94.8 | 24.78 | 90.0 | 23.54 | 86.8 | 22.62 | 83.6 | 21.70 | 77.2 | 19.88 | 70.8 | 18.12 |
| | 5.0 | 4.0 | 101.8 | 25.18 | 96.4 | 23.78 | 90.0 | 22.02 | 86.8 | 21.16 | 83.6 | 20.30 | 77.2 | 18.60 | 70.8 | 16.96 |
| | 7.0 | 6.0 | 102.8 | 24.50 | 96.4 | 22.76 | 90.0 | 21.08 | 86.8 | 20.26 | 83.6 | 19.44 | 77.2 | 17.82 | 70.8 | 16.24 |
| | 9.0 | 7.8 | 102.8 | 23.54 | 96.4 | 21.90 | 90.0 | 20.28 | 86.8 | 19.48 | 83.6 | 18.70 | 77.2 | 17.14 | 70.8 | 15.64 |
| | 12.0 | 10.6 | 102.8 | 22.18 | 96.4 | 20.62 | 90.0 | 19.10 | 86.8 | 18.36 | 83.6 | 17.62 | 77.2 | 16.16 | 70.8 | 14.74 |
| | 15.0 | 13.5 | 102.8 | 20.86 | 96.4 | 19.40 | 90.0 | 17.98 | 86.8 | 17.28 | 83.6 | 16.58 | 77.2 | 15.22 | 70.8 | 13.88 |
| 81.0 (90%) | -20.0 | -20.7 | 52.0 | 18.84 | 51.2 | 19.06 | 50.6 | 19.28 | 50.2 | 19.40 | 49.8 | 19.50 | 49.2 | 19.74 | 48.6 | 19.96 |
| | -15.0 | -16.0 | 60.0 | 20.06 | 59.4 | 20.34 | 58.8 | 20.62 | 58.4 | 20.76 | 58.2 | 20.90 | 57.6 | 21.18 | 57.2 | 21.48 |
| | -12.0 | -13.0 | 65.4 | 20.88 | 65.0 | 21.20 | 64.5 | 21.50 | 64.2 | 21.66 | 64.0 | 21.82 | 63.4 | 22.14 | 63.0 | 22.46 |
| | -9.0 | -10.0 | 71.4 | 21.72 | 70.8 | 22.08 | 70.4 | 22.42 | 70.2 | 22.60 | 70.0 | 22.78 | 69.4 | 23.10 | 63.6 | 21.04 |
| | -7.0 | -8.0 | 75.4 | 22.30 | 75.0 | 22.68 | 74.5 | 23.04 | 74.2 | 23.24 | 74.0 | 23.42 | 69.4 | 21.94 | 63.6 | 20.00 |
| | -5.0 | -6.0 | 79.6 | 22.90 | 79.0 | 23.30 | 78.7 | 23.68 | 78.2 | 23.74 | 75.2 | 22.78 | 69.4 | 20.88 | 63.6 | 19.04 |
| | -3.0 | -4.0 | 83.8 | 23.50 | 83.4 | 23.92 | 81.0 | 23.54 | 78.2 | 22.62 | 75.2 | 21.70 | 69.4 | 19.92 | 63.6 | 18.16 |
| | -1.0 | -2.0 | 88.0 | 24.12 | 86.8 | 24.22 | 81.0 | 22.44 | 78.2 | 21.58 | 75.2 | 20.72 | 69.4 | 19.00 | 63.6 | 17.34 |
| | 0.0 | -1.0 | 90.2 | 24.44 | 86.8 | 23.68 | 81.0 | 21.94 | 78.2 | 21.08 | 75.2 | 20.24 | 69.4 | 18.58 | 63.6 | 16.96 |
| | 2.0 | 1.0 | 92.6 | 24.30 | 86.8 | 22.62 | 81.0 | 20.96 | 78.2 | 20.16 | 75.2 | 19.34 | 69.4 | 17.76 | 63.6 | 16.22 |
| | 5.0 | 4.0 | 92.6 | 22.72 | 86.8 | 21.16 | 81.0 | 19.62 | 78.2 | 18.86 | 75.2 | 18.12 | 69.4 | 16.64 | 63.6 | 15.18 |
| | 7.0 | 6.0 | 92.6 | 21.74 | 86.8 | 20.26 | 81.0 | 18.78 | 78.2 | 18.06 | 75.2 | 17.34 | 69.4 | 15.94 | 63.6 | 14.56 |
| | 9.0 | 7.8 | 92.6 | 20.92 | 86.8 | 19.48 | 81.0 | 18.08 | 78.2 | 17.38 | 75.2 | 16.70 | 69.4 | 15.34 | 63.6 | 14.02 |
| | 12.0 | 10.6 | 92.6 | 19.70 | 86.8 | 18.36 | 81.0 | 17.04 | 78.2 | 16.38 | 75.2 | 15.74 | 69.4 | 14.46 | 63.6 | 13.22 |
| | 15.0 | 13.5 | 92.6 | 18.54 | 86.8 | 17.28 | 81.0 | 16.04 | 78.2 | 15.42 | 75.2 | 14.82 | 69.4 | 13.62 | 63.6 | 12.46 |
| 72.0 (80%) | -20.0 | -20.7 | 51.2 | 19.08 | 50.6 | 19.30 | 49.8 | 19.52 | 49.4 | 19.64 | 49.2 | 19.74 | 48.4 | 19.98 | 47.8 | 20.20 |
| | -15.0 | -16.0 | 59.2 | 20.42 | 58.6 | 20.70 | 58.1 | 20.98 | 57.8 | 21.12 | 57.6 | 21.26 | 57.0 | 21.54 | 56.4 | 21.84 |
| | -12.0 | -13.0 | 64.8 | 21.32 | 64.2 | 21.64 | 63.8 | 21.94 | 63.6 | 22.10 | 63.2 | 22.26 | 61.8 | 22.04 | 56.6 | 20.10 |
| | -9.0 | -10.0 | 70.6 | 22.26 | 70.2 | 22.60 | 69.7 | 22.96 | 69.4 | 23.10 | 66.8 | 22.18 | 61.8 | 20.36 | 56.6 | 18.58 |
| | -7.0 | -8.0 | 74.6 | 22.90 | 74.2 | 23.28 | 72.0 | 22.82 | 69.4 | 21.94 | 66.8 | 21.08 | 61.8 | 19.36 | 56.6 | 17.68 |
| | -5.0 | -6.0 | 78.8 | 23.56 | 77.2 | 23.42 | 72.0 | 21.72 | 69.4 | 20.88 | 66.8 | 20.06 | 61.8 | 18.44 | 56.6 | 16.84 |
| | -3.0 | -4.0 | 82.2 | 23.94 | 77.2 | 22.30 | 72.0 | 20.70 | 69.4 | 19.92 | 66.8 | 19.12 | 61.8 | 17.58 | 56.6 | 16.06 |
| | -1.0 | -2.0 | 82.2 | 22.84 | 77.2 | 21.28 | 72.0 | 19.76 | 69.4 | 19.00 | 66.8 | 18.26 | 61.8 | 16.80 | 56.6 | 15.34 |
| | 0.0 | -1.0 | 82.2 | 22.32 | 77.2 | 20.80 | 72.0 | 19.32 | 69.4 | 18.58 | 66.8 | 17.86 | 61.8 | 16.42 | 56.6 | 15.00 |
| | 2.0 | 1.0 | 82.2 | 21.32 | 77.2 | 19.88 | 72.0 | 18.46 | 69.4 | 17.76 | 66.8 | 17.08 | 61.8 | 15.70 | 56.6 | 14.36 |
| | 5.0 | 4.0 | 82.2 | 19.96 | 77.2 | 18.60 | 72.0 | 17.28 | 69.4 | 16.64 | 66.8 | 15.98 | 61.8 | 14.72 | 56.6 | 13.46 |
| | 7.0 | 6.0 | 82.2 | 19.10 | 77.2 | 17.82 | 72.0 | 16.56 | 69.4 | 15.94 | 66.8 | 15.32 | 61.8 | 14.10 | 56.6 | 12.90 |
| | 9.0 | 7.8 | 82.2 | 18.38 | 77.2 | 17.14 | 72.0 | 15.94 | 69.4 | 15.34 | 66.8 | 14.74 | 61.8 | 13.58 | 56.6 | 12.44 |
| | 12.0 | 10.6 | 82.2 | 17.32 | 77.2 | 16.16 | 72.0 | 15.02 | 69.4 | 14.46 | 66.8 | 13.92 | 61.8 | 12.82 | 56.6 | 11.74 |
| | 15.0 | 13.5 | 82.2 | 16.30 | 77.2 | 15.22 | 72.0 | 14.14 | 69.4 | 13.62 | 66.8 | 13.10 | 61.8 | 12.08 | 56.6 | 11.06 |
| 63.0 (70%) | -20.0 | -20.7 | 50.2 | 19.38 | 49.6 | 19.60 | 48.9 | 19.84 | 48.6 | 19.94 | 48.2 | 20.06 | 47.6 | 20.28 | 47.0 | 20.52 |
| | -15.0 | -16.0 | 58.2 | 20.86 | 57.8 | 21.14 | 57.2 | 21.42 | 57.0 | 21.56 | 56.6 | 21.70 | 54.0 | 20.84 | 49.4 | 19.04 |
| | -12.0 | -13.0 | 63.8 | 21.88 | 63.4 | 22.18 | 62.9 | 22.50 | 60.8 | 21.68 | 58.4 | 20.84 | 54.0 | 19.16 | 49.4 | 17.50 |
| | -9.0 | -10.0 | 69.8 | 22.94 | 67.6 | 22.40 | 63.0 | 20.80 | 60.8 | 20.02 | 58.4 | 19.24 | 54.0 | 17.70 | 49.4 | 16.20 |
| | -7.0 | -8.0 | 72.0 | 22.82 | 67.4 | 21.28 | 63.0 | 19.78 | 60.8 | 19.04 | 58.4 | 18.30 | 54.0 | 16.84 | 49.4 | 15.40 |
| | -5.0 | -6.0 | 72.0 | 21.72 | 67.4 | 20.26 | 63.0 | 18.84 | 60.8 | 18.14 | 58.4 | 17.44 | 54.0 | 16.04 | 49.4 | 14.70 |
| | -3.0 | -4.0 | 72.0 | 20.70 | 67.6 | 19.32 | 63.0 | 17.96 | 60.8 | 17.30 | 58.4 | 16.62 | 54.0 | 15.32 | 49.4 | 14.02 |
| | -1.0 | -2.0 | 72.0 | 19.76 | 67.4 | 18.44 | 63.0 | 17.16 | 60.8 | 16.52 | 58.4 | 15.88 | 54.0 | 14.64 | 49.4 | 13.40 |
| | 0.0 | -1.0 | 72.0 | 19.32 | 67.4 | 18.04 | 63.0 | 16.78 | 60.8 | 16.16 | 58.4 | 15.54 | 54.0 | 14.32 | 49.4 | 13.12 |
| | 2.0 | 1.0 | 72.0 | 18.46 | 67.4 | 17.24 | 63.0 | 16.04 | 60.8 | 15.44 | 58.4 | 14.86 | 54.0 | 13.70 | 49.4 | 12.56 |
| | 5.0 | 4.0 | 72.0 | 17.28 | 67.4 | 16.14 | 63.0 | 15.04 | 60.8 | 14.48 | 58.4 | 13.94 | 54.0 | 12.84 | 49.4 | 11.78 |
| | 7.0 | 6.0 | 72.0 | 16.56 | 67.4 | 15.48 | 63.0 | 14.40 | 60.8 | 13.88 | 58.4 | 13.36 | 54.0 | 12.32 | 49.4 | 11.30 |
| | 9.0 | 7.8 | 72.0 | 15.94 | 67.4 | 14.90 | 63.0 | 13.88 | 60.8 | 13.36 | 58.4 | 12.86 | 54.0 | 11.88 | 49.4 | 10.90 |
| | 12.0 | 10.6 | 72.0 | 15.02 | 67.6 | 14.04 | 63.0 | 13.08 | 60.8 | 12.62 | 58.4 | 12.14 | 54.0 | 11.20 | 49.4 | 10.30 |
| | 15.0 | 13.5 | 72.0 | 14.14 | 67.4 | 13.24 | 63.0 | 12.34 | 60.8 | 11.88 | 58.4 | 11.44 | 54.0 | 10.58 | 49.4 | 9.72 |
| 54.0 (60%) | -20.0 | -20.7 | 49.0 | 19.78 | 48.4 | 20.00 | 47.7 | 20.24 | 47.4 | 20.34 | 47.2 | 20.46 | 46.2 | 20.56 | 42.4 | 18.80 |
| | -15.0 | -16.0 | 57.2 | 21.46 | 56.6 | 21.74 | 54.0 | 20.84 | 52.0 | 20.06 | 50.2 | 19.30 | 46.2 | 17.76 | 42.4 | 16.26 |
| | -12.0 | -13.0 | 61.8 | 22.04 | 57.8 | 20.60 | 54.0 | 19.16 | 52.0 | 18.44 | 50.2 | 17.74 | 46.2 | 16.34 | 42.4 | 14.98 |
| | -9.0 | -10.0 | 61.8 | 20.36 | 57.8 | 19.02 | 54.0 | 17.70 | 52.0 | 17.06 | 50.2 | 16.40 | 46.2 | 15.12 | 42.4 | 13.86 |
| | -7.0 | -8.0 | 61.8 | 19.36 | 57.8 | 18.08 | 54.0 | 16.84 | 52.0 | 16.22 | 50.2 | 15.62 | 46.2 | 14.40 | 42.4 | 13.20 |
| | -5.0 | -6.0 | 61.8 | 18.44 | 57.8 | 17.24 | 54.0 | 16.04 | 52.0 | 15.46 | 50.2 | 14.88 | 46.2 | 13.74 | 42.4 | 12.60 |
| | -3.0 | -4.0 | 61.8 | 17.58 | 57.8 | 16.44 | 54.0 | 15.32 | 52.0 | 14.76 | 50.2 | 14.20 | 46.2 | 13.12 | 42.4 | 12.04 |
| | -1.0 | -2.0 | 61.8 | 16.80 | 57.8 | 15.70 | 54.0 | 14.64 | 52.0 | 14.10 | 50.2 | 13.58 | 46.2 | 12.54 | 42.4 | 11.52 |
| | 0.0 | -1.0 | 61.8 | 16.42 | 57.8 | 15.36 | 54.0 | 14.32 | 52.0 | 13.80 | 50.2 | 13.28 | 46.2 | 12.28 | 42.4 | 11.28 |
| | 2.0 | 1.0 | 61.8 | 15.70 | 57.8 | 14.70 | 54.0 | 13.70 | 52.0 | 13.20 | 50.2 | 12.72 | 46.2 | 11.76 | 42.4 | 10.80 |
| | 5.0 | 4.0 | 61.8 | 14.72 | 57.8 | 13.78 | 54.0 | 12.84 | 52.0 | 12.40 | 50.2 | 11.94 | 46.2 | 11.04 | 42.4 | 10.14 |
| | 7.0 | 6.0 | 61.8 | 14.10 | 57.8 | 13.20 | 54.0 | 12.32 | 52.0 | 11.88 | 50.2 | 11.44 | 46.2 | 10.60 | 42.4 | 9.74 |
| | 9.0 | 7.8 | 61.8 | 13.58 | 57.8 | 12.72 | 54.0 | 11.88 | 52.0 | 11.46 | 50.2 | 11.04 | 46.2 | 10.20 | 42.4 | 9.40 |
| | 12.0 | 10.6 | 61.8 | 12.82 | 57.8 | 12.00 | 54.0 | 11.20 | 52.0 | 10.82 | 50.2 | 10.42 | 46.2 | 9.66 | 42.4 | 8.88 |
| | 15.0 | 13.5 | 61.8 | 12.08 | 57.8 | 11.32 | 54.0 | 10.58 | 52.0 | 10.20 | 50.2 | 9.84 | 46.2 | 9.10 | 42.4 | 8.40 |

| Heating capacity at rated condition: 100.0 kW (32HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 45.0 (50%) | -20.0 | -20.7 | 47.4 | 20.34 | 46.8 | 20.56 | 45.0 | 19.96 | 43.4 | 19.24 | 41.8 | 18.50 | 38.6 | 17.06 | 35.4 | 15.64 |
| | -15.0 | -16.0 | 51.4 | 19.80 | 48.2 | 18.52 | 45.0 | 17.26 | 43.4 | 16.64 | 41.8 | 16.02 | 38.6 | 14.78 | 35.4 | 13.56 |
| | -12.0 | -13.0 | 51.4 | 18.20 | 48.2 | 17.04 | 45.0 | 15.88 | 43.4 | 15.32 | 41.8 | 14.74 | 38.6 | 13.62 | 35.4 | 12.50 |
| | -9.0 | -10.0 | 51.4 | 16.84 | 48.2 | 15.76 | 45.0 | 14.70 | 43.4 | 14.18 | 41.8 | 13.66 | 38.6 | 12.62 | 35.4 | 11.60 |
| | -7.0 | -8.0 | 51.4 | 16.02 | 48.2 | 15.00 | 45.0 | 14.00 | 43.4 | 13.50 | 41.8 | 13.02 | 38.6 | 12.04 | 35.4 | 11.06 |
| | -5.0 | -6.0 | 51.4 | 15.28 | 48.2 | 14.30 | 45.0 | 13.36 | 43.4 | 12.88 | 41.8 | 12.42 | 38.6 | 11.48 | 35.4 | 10.58 |
| | -3.0 | -4.0 | 51.4 | 14.58 | 48.2 | 13.66 | 45.0 | 12.76 | 43.4 | 12.32 | 41.8 | 11.86 | 38.6 | 10.98 | 35.4 | 10.12 |
| | -1.0 | -2.0 | 51.4 | 13.94 | 48.2 | 13.06 | 45.0 | 12.20 | 43.4 | 11.78 | 41.8 | 11.36 | 38.6 | 10.52 | 35.4 | 9.68 |
| | 0.0 | -1.0 | 51.4 | 13.62 | 48.2 | 12.78 | 45.0 | 11.94 | 43.4 | 11.52 | 41.8 | 11.10 | 38.6 | 10.28 | 35.4 | 9.48 |
| | 2.0 | 1.0 | 51.4 | 13.04 | 48.2 | 12.24 | 45.0 | 11.44 | 43.4 | 11.04 | 41.8 | 10.64 | 38.6 | 9.86 | 35.4 | 9.10 |
| | 5.0 | 4.0 | 51.4 | 12.24 | 48.2 | 11.48 | 45.0 | 10.74 | 43.4 | 10.36 | 41.8 | 10.00 | 38.6 | 9.28 | 35.4 | 8.56 |
| | 7.0 | 6.0 | 51.4 | 11.74 | 48.2 | 11.02 | 45.0 | 10.30 | 43.4 | 9.96 | 41.8 | 9.60 | 38.6 | 8.90 | 35.4 | 8.22 |
| | 9.0 | 7.8 | 51.4 | 11.32 | 48.2 | 10.62 | 45.0 | 9.94 | 43.4 | 9.60 | 41.8 | 9.26 | 38.6 | 8.60 | 35.4 | 7.94 |
| | 12.0 | 10.6 | 51.4 | 10.68 | 48.2 | 10.04 | 45.0 | 9.40 | 43.4 | 9.08 | 41.8 | 8.76 | 38.6 | 8.14 | 35.4 | 7.52 |
| | 15.0 | 13.5 | 51.4 | 10.08 | 48.2 | 9.48 | 45.0 | 8.86 | 43.4 | 8.58 | 41.8 | 8.28 | 38.6 | 7.70 | 35.4 | 7.12 |

# ■ Model: AJ∗306GALDH

| Heating capacity at rated condition: 106.5 kW (34HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 142.5 (150%) | -20.0 | -20.7 | 59.3 | 21.66 | 58.9 | 21.87 | 58.5 | 22.08 | 58.3 | 22.18 | 58.1 | 22.28 | 57.7 | 22.49 | 57.4 | 22.72 |
| | -15.0 | -16.0 | 69.2 | 22.37 | 68.8 | 22.61 | 68.4 | 22.87 | 68.2 | 23.00 | 67.9 | 23.13 | 67.6 | 23.38 | 67.2 | 23.64 |
| | -12.0 | -13.0 | 75.8 | 22.82 | 75.2 | 23.08 | 74.9 | 23.36 | 74.6 | 23.49 | 74.5 | 23.64 | 74.0 | 23.91 | 73.6 | 24.19 |
| | -9.0 | -10.0 | 82.5 | 23.24 | 81.9 | 23.55 | 81.5 | 23.83 | 81.2 | 23.99 | 81.0 | 24.14 | 80.6 | 24.45 | 80.0 | 24.74 |
| | -7.0 | -8.0 | 86.9 | 23.52 | 86.5 | 23.83 | 85.9 | 24.14 | 85.6 | 24.32 | 85.5 | 24.47 | 84.9 | 24.78 | 84.3 | 25.10 |
| | -5.0 | -6.0 | 91.5 | 23.80 | 90.9 | 24.13 | 90.4 | 24.45 | 90.2 | 24.62 | 89.9 | 24.78 | 89.3 | 25.12 | 88.9 | 25.45 |
| | -3.0 | -4.0 | 96.1 | 24.08 | 95.5 | 24.41 | 95.0 | 24.75 | 94.6 | 24.93 | 94.5 | 25.09 | 93.9 | 25.45 | 93.2 | 25.79 |
| | -1.0 | -2.0 | 100.7 | 24.34 | 100.1 | 24.70 | 99.5 | 25.06 | 99.2 | 25.24 | 98.9 | 25.40 | 98.2 | 25.76 | 97.6 | 26.12 |
| | 0.0 | -1.0 | 103.0 | 24.47 | 102.4 | 24.84 | 101.8 | 25.20 | 101.5 | 25.38 | 101.1 | 25.56 | 100.5 | 25.92 | 99.9 | 26.29 |
| | 2.0 | 1.0 | 107.7 | 24.73 | 107.0 | 25.10 | 106.4 | 25.48 | 106.1 | 25.66 | 105.7 | 25.85 | 105.1 | 26.23 | 103.8 | 26.47 |
| | 5.0 | 4.0 | 114.8 | 25.10 | 114.0 | 25.49 | 113.3 | 25.88 | 113.0 | 26.09 | 112.6 | 26.27 | 111.7 | 26.68 | 107.2 | 25.89 |
| | 7.0 | 6.0 | 119.5 | 25.34 | 118.8 | 25.75 | 117.9 | 26.14 | 117.6 | 26.34 | 117.2 | 26.55 | 115.2 | 26.62 | 107.2 | 24.82 |
| | 9.0 | 7.8 | 123.8 | 25.56 | 122.9 | 25.95 | 122.1 | 26.37 | 121.6 | 26.57 | 121.3 | 26.78 | 118.0 | 26.48 | 107.2 | 23.90 |
| | 12.0 | 10.6 | 130.4 | 25.86 | 129.4 | 26.30 | 128.6 | 26.71 | 127.9 | 26.84 | 126.0 | 26.68 | 119.0 | 25.29 | 107.2 | 22.55 |
| | 15.0 | 13.5 | 137.2 | 26.18 | 136.3 | 26.62 | 134.3 | 26.78 | 132.5 | 26.61 | 130.6 | 26.46 | 119.0 | 23.82 | 107.2 | 21.26 |
| 133.0 (140%) | -20.0 | -20.7 | 59.2 | 21.74 | 58.7 | 21.95 | 58.4 | 22.16 | 58.3 | 22.26 | 58.0 | 22.37 | 57.7 | 22.57 | 57.3 | 22.78 |
| | -15.0 | -16.0 | 69.1 | 22.46 | 68.5 | 22.72 | 68.2 | 22.98 | 68.1 | 23.11 | 67.8 | 23.24 | 67.5 | 23.47 | 66.9 | 23.73 |
| | -12.0 | -13.0 | 75.5 | 22.93 | 75.2 | 23.22 | 74.7 | 23.48 | 74.5 | 23.63 | 74.2 | 23.76 | 73.9 | 24.04 | 73.3 | 24.33 |
| | -9.0 | -10.0 | 82.2 | 23.38 | 81.8 | 23.69 | 81.2 | 23.98 | 80.9 | 24.13 | 80.8 | 24.28 | 80.3 | 24.59 | 79.9 | 24.90 |
| | -7.0 | -8.0 | 86.8 | 23.69 | 86.2 | 24.00 | 85.7 | 24.31 | 85.5 | 24.46 | 85.2 | 24.62 | 84.6 | 24.95 | 84.2 | 25.26 |
| | -5.0 | -6.0 | 91.1 | 23.97 | 90.7 | 24.30 | 90.1 | 24.64 | 89.9 | 24.80 | 89.6 | 24.97 | 89.0 | 25.29 | 88.6 | 25.62 |
| | -3.0 | -4.0 | 95.7 | 24.27 | 95.1 | 24.61 | 94.6 | 24.95 | 94.2 | 25.13 | 94.1 | 25.29 | 93.5 | 25.65 | 92.9 | 25.98 |
| | -1.0 | -2.0 | 100.4 | 24.56 | 99.7 | 24.90 | 99.1 | 25.26 | 98.8 | 25.44 | 98.5 | 25.62 | 97.9 | 25.98 | 96.8 | 26.19 |
| | 0.0 | -1.0 | 102.7 | 24.70 | 102.0 | 25.06 | 101.4 | 25.42 | 101.1 | 25.60 | 100.8 | 25.78 | 100.1 | 26.15 | 98.4 | 26.14 |
| | 2.0 | 1.0 | 107.3 | 24.96 | 106.6 | 25.34 | 105.9 | 25.71 | 105.7 | 25.91 | 105.3 | 26.09 | 104.5 | 26.46 | 100.2 | 25.60 |
| | 5.0 | 4.0 | 114.2 | 25.36 | 113.5 | 25.77 | 112.8 | 26.16 | 112.3 | 26.34 | 112.0 | 26.55 | 109.4 | 26.32 | 100.2 | 24.02 |
| | 7.0 | 6.0 | 119.0 | 25.64 | 118.1 | 26.03 | 117.3 | 26.44 | 116.9 | 26.63 | 115.8 | 26.59 | 111.0 | 25.79 | 100.2 | 23.01 |
| | 9.0 | 7.8 | 123.1 | 25.85 | 122.4 | 26.26 | 121.4 | 26.67 | 120.2 | 26.65 | 118.6 | 26.48 | 111.0 | 24.84 | 100.2 | 22.17 |
| | 12.0 | 10.6 | 129.6 | 26.19 | 128.7 | 26.63 | 126.4 | 26.62 | 124.8 | 26.46 | 122.0 | 26.02 | 111.0 | 23.44 | 100.2 | 20.93 |
| | 15.0 | 13.5 | 136.5 | 26.54 | 134.6 | 26.70 | 131.0 | 26.41 | 127.6 | 25.75 | 122.0 | 24.51 | 111.0 | 22.08 | 100.2 | 19.73 |
| 123.5 (130%) | -20.0 | -20.7 | 58.9 | 21.83 | 58.6 | 22.04 | 58.2 | 22.24 | 58.0 | 22.35 | 57.9 | 22.45 | 57.6 | 22.66 | 57.1 | 22.87 |
| | -15.0 | -16.0 | 68.8 | 22.60 | 68.4 | 22.84 | 68.0 | 23.09 | 67.8 | 23.22 | 67.6 | 23.35 | 67.2 | 23.61 | 66.8 | 23.85 |
| | -12.0 | -13.0 | 75.2 | 23.08 | 74.8 | 23.36 | 74.4 | 23.62 | 74.2 | 23.77 | 73.9 | 23.90 | 73.6 | 24.19 | 73.2 | 24.47 |
| | -9.0 | -10.0 | 81.8 | 23.55 | 81.5 | 23.86 | 81.0 | 24.15 | 80.8 | 24.30 | 80.5 | 24.45 | 79.9 | 24.76 | 79.6 | 25.07 |
| | -7.0 | -8.0 | 86.4 | 23.88 | 85.8 | 24.19 | 85.3 | 24.50 | 85.1 | 24.66 | 84.9 | 24.81 | 84.3 | 25.13 | 83.9 | 25.46 |
| | -5.0 | -6.0 | 90.8 | 24.19 | 90.4 | 24.50 | 89.8 | 24.84 | 89.5 | 25.02 | 89.2 | 25.17 | 88.6 | 25.51 | 88.2 | 25.84 |
| | -3.0 | -4.0 | 95.4 | 24.50 | 94.8 | 24.84 | 94.2 | 25.17 | 93.8 | 25.35 | 93.5 | 25.51 | 93.1 | 25.87 | 91.4 | 25.81 |
| | -1.0 | -2.0 | 100.0 | 24.79 | 99.3 | 25.15 | 98.7 | 25.51 | 98.4 | 25.69 | 98.1 | 25.87 | 97.4 | 26.21 | 93.0 | 25.25 |
| | 0.0 | -1.0 | 102.3 | 24.95 | 101.6 | 25.31 | 100.9 | 25.68 | 100.7 | 25.86 | 100.4 | 26.04 | 99.0 | 26.15 | 93.0 | 24.69 |
| | 2.0 | 1.0 | 106.8 | 25.24 | 106.0 | 25.62 | 105.4 | 25.99 | 105.0 | 26.17 | 104.7 | 26.37 | 102.0 | 26.05 | 93.0 | 23.65 |
| | 5.0 | 4.0 | 113.7 | 25.67 | 112.9 | 26.08 | 112.1 | 26.46 | 111.3 | 26.47 | 109.6 | 26.29 | 103.2 | 24.80 | 93.0 | 22.18 |
| | 7.0 | 6.0 | 118.3 | 25.95 | 117.4 | 26.36 | 115.9 | 26.51 | 114.3 | 26.35 | 112.8 | 26.19 | 103.2 | 23.79 | 93.0 | 21.26 |
| | 9.0 | 7.8 | 122.4 | 26.21 | 121.5 | 26.62 | 118.7 | 26.42 | 117.1 | 26.25 | 113.4 | 25.40 | 103.2 | 22.90 | 93.0 | 20.49 |
| | 12.0 | 10.6 | 128.9 | 26.58 | 126.4 | 26.52 | 123.1 | 26.24 | 118.5 | 25.15 | 113.4 | 23.96 | 103.2 | 21.62 | 93.0 | 19.35 |
| | 15.0 | 13.5 | 134.2 | 26.56 | 131.0 | 26.32 | 123.5 | 24.85 | 118.5 | 23.69 | 113.4 | 22.58 | 103.2 | 20.37 | 93.0 | 18.23 |
| 114.0 (120%) | -20.0 | -20.7 | 58.9 | 21.92 | 58.5 | 22.12 | 58.0 | 22.33 | 57.9 | 22.44 | 57.6 | 22.54 | 57.3 | 22.75 | 57.0 | 22.98 |
| | -15.0 | -16.0 | 68.5 | 22.72 | 68.1 | 22.98 | 67.8 | 23.23 | 67.5 | 23.36 | 67.4 | 23.49 | 66.9 | 23.73 | 66.5 | 23.99 |
| | -12.0 | -13.0 | 75.1 | 23.24 | 74.5 | 23.53 | 74.2 | 23.79 | 73.9 | 23.94 | 73.8 | 24.07 | 73.2 | 24.35 | 72.9 | 24.64 |
| | -9.0 | -10.0 | 81.5 | 23.75 | 81.1 | 24.06 | 80.6 | 24.34 | 80.5 | 24.50 | 80.2 | 24.65 | 79.6 | 24.96 | 79.2 | 25.25 |
| | -7.0 | -8.0 | 86.0 | 24.08 | 85.5 | 24.39 | 85.0 | 24.73 | 84.8 | 24.88 | 84.5 | 25.04 | 83.9 | 25.35 | 83.0 | 25.47 |
| | -5.0 | -6.0 | 90.4 | 24.42 | 89.8 | 24.75 | 89.4 | 25.09 | 89.1 | 25.24 | 88.8 | 25.40 | 88.2 | 25.74 | 85.8 | 25.37 |
| | -3.0 | -4.0 | 95.0 | 24.75 | 94.4 | 25.09 | 93.7 | 25.43 | 93.4 | 25.61 | 93.1 | 25.79 | 91.6 | 25.79 | 85.8 | 24.24 |
| | -1.0 | -2.0 | 99.3 | 25.09 | 98.7 | 25.43 | 98.2 | 25.79 | 97.8 | 25.97 | 97.4 | 26.13 | 94.6 | 25.73 | 85.8 | 23.19 |
| | 0.0 | -1.0 | 101.6 | 25.24 | 101.0 | 25.60 | 100.4 | 25.96 | 100.0 | 26.14 | 99.0 | 26.07 | 95.2 | 25.35 | 85.8 | 22.68 |
| | 2.0 | 1.0 | 106.2 | 25.57 | 105.5 | 25.93 | 104.8 | 26.30 | 103.4 | 26.17 | 102.0 | 25.99 | 95.2 | 24.26 | 85.8 | 21.72 |
| | 5.0 | 4.0 | 113.0 | 26.03 | 112.2 | 26.42 | 109.5 | 26.18 | 108.2 | 26.04 | 104.6 | 25.20 | 95.2 | 22.75 | 85.8 | 20.37 |
| | 7.0 | 6.0 | 117.4 | 26.34 | 115.6 | 26.38 | 112.6 | 26.11 | 109.4 | 25.36 | 104.6 | 24.15 | 95.2 | 21.83 | 85.8 | 19.53 |
| | 9.0 | 7.8 | 121.4 | 26.54 | 118.4 | 26.28 | 114.0 | 25.58 | 109.4 | 24.42 | 104.6 | 23.26 | 95.2 | 21.02 | 85.8 | 18.83 |
| | 12.0 | 10.6 | 125.8 | 26.36 | 122.8 | 26.15 | 114.0 | 24.12 | 109.4 | 23.04 | 104.6 | 21.96 | 95.2 | 19.85 | 85.8 | 17.79 |
| | 15.0 | 13.5 | 130.4 | 26.19 | 123.4 | 24.82 | 114.0 | 22.74 | 109.4 | 21.72 | 104.6 | 20.69 | 95.2 | 18.71 | 85.8 | 16.78 |
| 104.5 (110%) | -20.0 | -20.7 | 58.6 | 22.03 | 58.2 | 22.24 | 57.8 | 22.45 | 57.6 | 22.55 | 57.5 | 22.65 | 57.0 | 22.88 | 56.7 | 23.09 |
| | -15.0 | -16.0 | 68.4 | 22.89 | 67.8 | 23.15 | 67.5 | 23.40 | 67.4 | 23.51 | 67.1 | 23.64 | 66.8 | 23.90 | 66.2 | 24.15 |
| | -12.0 | -13.0 | 74.7 | 23.44 | 74.2 | 23.72 | 73.8 | 23.99 | 73.5 | 24.14 | 73.4 | 24.27 | 72.9 | 24.55 | 72.5 | 24.81 |
| | -9.0 | -10.0 | 81.1 | 24.00 | 80.7 | 24.28 | 80.2 | 24.59 | 80.1 | 24.72 | 79.8 | 24.88 | 79.2 | 25.19 | 77.6 | 25.01 |
| | -7.0 | -8.0 | 85.5 | 24.34 | 85.1 | 24.67 | 84.5 | 24.98 | 84.4 | 25.13 | 84.1 | 25.29 | 83.0 | 25.41 | 78.6 | 24.26 |
| | -5.0 | -6.0 | 90.0 | 24.70 | 89.4 | 25.03 | 88.9 | 25.37 | 88.7 | 25.53 | 88.4 | 25.68 | 86.0 | 25.35 | 78.6 | 23.15 |
| | -3.0 | -4.0 | 94.3 | 25.06 | 93.7 | 25.40 | 93.2 | 25.74 | 92.9 | 25.88 | 91.6 | 25.69 | 87.2 | 24.70 | 78.6 | 22.11 |
| | -1.0 | -2.0 | 98.9 | 25.43 | 98.2 | 25.77 | 97.1 | 25.97 | 95.9 | 25.80 | 94.6 | 25.63 | 87.2 | 23.61 | 78.6 | 21.15 |
| | 0.0 | -1.0 | 100.9 | 25.60 | 100.3 | 25.96 | 98.7 | 25.94 | 97.3 | 25.77 | 95.8 | 25.55 | 87.2 | 23.10 | 78.6 | 20.70 |
| | 2.0 | 1.0 | 105.5 | 25.94 | 104.4 | 26.15 | 101.7 | 25.86 | 100.1 | 25.65 | 95.8 | 24.45 | 87.2 | 22.12 | 78.6 | 19.83 |
| | 5.0 | 4.0 | 111.6 | 26.29 | 109.0 | 26.03 | 104.5 | 25.18 | 100.1 | 24.05 | 95.8 | 22.94 | 87.2 | 20.75 | 78.6 | 18.62 |
| | 7.0 | 6.0 | 114.8 | 26.20 | 112.0 | 25.96 | 104.5 | 24.13 | 100.1 | 23.06 | 95.8 | 22.00 | 87.2 | 19.89 | 78.6 | 17.86 |
| | 9.0 | 7.8 | 117.6 | 26.11 | 113.2 | 25.36 | 104.5 | 23.25 | 100.1 | 22.20 | 95.8 | 21.17 | 87.2 | 19.17 | 78.6 | 17.21 |
| | 12.0 | 10.6 | 121.8 | 25.95 | 113.2 | 23.93 | 104.5 | 21.93 | 100.1 | 20.96 | 95.8 | 20.01 | 87.2 | 18.11 | 78.6 | 16.26 |
| | 15.0 | 13.5 | 121.8 | 24.45 | 113.2 | 22.54 | 104.5 | 20.67 | 100.1 | 19.77 | 95.8 | 18.85 | 87.2 | 17.08 | 78.6 | 15.34 |

MODEL SELECTION

| Heating capacity at rated condition: 106.5 kW (34HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 95.0 (100%) | -20.0 | -20.7 | 58.2 | 22.17 | 57.9 | 22.38 | 57.6 | 22.59 | 57.3 | 22.69 | 57.2 | 22.80 | 56.9 | 23.00 | 56.6 | 23.23 |
| | -15.0 | -16.0 | 68.0 | 23.09 | 67.7 | 23.34 | 67.2 | 23.58 | 67.0 | 23.71 | 66.8 | 23.84 | 66.4 | 24.09 | 66.1 | 24.35 |
| | -12.0 | -13.0 | 74.4 | 23.67 | 73.8 | 23.95 | 73.5 | 24.23 | 73.2 | 24.36 | 73.1 | 24.50 | 72.5 | 24.78 | 70.8 | 24.50 |
| | -9.0 | -10.0 | 80.7 | 24.25 | 80.3 | 24.56 | 79.8 | 24.85 | 79.5 | 25.00 | 79.4 | 25.16 | 77.4 | 24.90 | 71.6 | 23.02 |
| | -7.0 | -8.0 | 85.0 | 24.65 | 84.4 | 24.96 | 84.0 | 25.29 | 83.8 | 25.44 | 82.6 | 25.26 | 79.4 | 24.48 | 71.6 | 21.96 |
| | -5.0 | -6.0 | 89.3 | 25.04 | 88.7 | 25.37 | 88.0 | 25.58 | 86.8 | 25.39 | 85.6 | 25.21 | 79.4 | 23.36 | 71.6 | 20.95 |
| | -3.0 | -4.0 | 93.6 | 25.43 | 93.2 | 25.76 | 90.9 | 25.50 | 89.8 | 25.35 | 87.2 | 24.66 | 79.4 | 22.32 | 71.6 | 20.04 |
| | -1.0 | -2.0 | 98.1 | 25.82 | 96.4 | 25.75 | 93.9 | 25.47 | 91.0 | 24.71 | 87.2 | 23.58 | 79.4 | 21.36 | 71.6 | 19.17 |
| | 0.0 | -1.0 | 100.2 | 26.01 | 97.8 | 25.72 | 95.0 | 25.31 | 91.0 | 24.18 | 87.2 | 23.07 | 79.4 | 20.89 | 71.6 | 18.75 |
| | 2.0 | 1.0 | 103.2 | 25.92 | 100.8 | 25.67 | 95.0 | 24.21 | 91.0 | 23.15 | 87.2 | 22.10 | 79.4 | 20.02 | 71.6 | 17.99 |
| | 5.0 | 4.0 | 107.8 | 25.84 | 102.8 | 24.74 | 95.0 | 22.72 | 91.0 | 21.72 | 87.2 | 20.72 | 79.4 | 18.79 | 71.6 | 16.89 |
| | 7.0 | 6.0 | 110.6 | 25.70 | 102.8 | 23.73 | 95.0 | 21.78 | 91.0 | 20.83 | 87.2 | 19.88 | 79.4 | 18.01 | 71.6 | 16.19 |
| | 9.0 | 7.8 | 110.6 | 24.76 | 102.8 | 22.85 | 95.0 | 20.98 | 91.0 | 20.06 | 87.2 | 19.16 | 79.4 | 17.37 | 71.6 | 15.63 |
| | 12.0 | 10.6 | 110.6 | 23.35 | 102.8 | 21.56 | 95.0 | 19.80 | 91.0 | 18.95 | 87.2 | 18.09 | 79.4 | 16.40 | 71.6 | 14.76 |
| | 15.0 | 13.5 | 110.6 | 22.01 | 102.8 | 20.33 | 95.0 | 18.67 | 91.0 | 17.86 | 87.2 | 17.07 | 79.4 | 15.48 | 71.6 | 13.95 |
| 85.5 (90%) | -20.0 | -20.7 | 58.1 | 22.34 | 57.6 | 22.55 | 57.3 | 22.76 | 57.2 | 22.86 | 56.9 | 22.96 | 56.6 | 23.17 | 56.2 | 23.40 |
| | -15.0 | -16.0 | 67.6 | 23.33 | 67.3 | 23.57 | 66.8 | 23.83 | 66.7 | 23.96 | 66.4 | 24.08 | 66.0 | 24.32 | 64.0 | 23.92 |
| | -12.0 | -13.0 | 73.7 | 23.95 | 73.4 | 24.23 | 73.0 | 24.52 | 72.7 | 24.65 | 72.4 | 24.75 | 70.4 | 24.34 | 64.4 | 22.23 |
| | -9.0 | -10.0 | 80.3 | 24.59 | 79.7 | 24.90 | 78.9 | 25.06 | 77.9 | 24.88 | 76.8 | 24.71 | 71.4 | 22.99 | 64.4 | 20.66 |
| | -7.0 | -8.0 | 84.3 | 25.03 | 84.0 | 25.34 | 81.8 | 25.03 | 80.7 | 24.87 | 78.4 | 24.19 | 71.4 | 21.92 | 64.4 | 19.70 |
| | -5.0 | -6.0 | 88.6 | 25.45 | 87.0 | 25.29 | 84.8 | 25.01 | 81.9 | 24.18 | 78.4 | 23.10 | 71.4 | 20.94 | 64.4 | 18.83 |
| | -3.0 | -4.0 | 92.0 | 25.53 | 89.8 | 25.27 | 85.5 | 24.18 | 81.9 | 23.12 | 78.4 | 22.07 | 71.4 | 20.01 | 64.4 | 17.99 |
| | -1.0 | -2.0 | 95.0 | 25.49 | 92.6 | 25.15 | 85.5 | 23.12 | 81.9 | 22.10 | 78.4 | 21.12 | 71.4 | 19.15 | 64.4 | 17.22 |
| | 0.0 | -1.0 | 96.6 | 25.47 | 92.6 | 24.60 | 85.5 | 22.60 | 81.9 | 21.63 | 78.4 | 20.65 | 71.4 | 18.73 | 64.4 | 16.86 |
| | 2.0 | 1.0 | 99.6 | 25.46 | 92.6 | 23.55 | 85.5 | 21.66 | 81.9 | 20.71 | 78.4 | 19.79 | 71.4 | 17.95 | 64.4 | 16.15 |
| | 5.0 | 4.0 | 99.6 | 23.91 | 92.6 | 22.10 | 85.5 | 20.31 | 81.9 | 19.44 | 78.4 | 18.57 | 71.4 | 16.86 | 64.4 | 15.19 |
| | 7.0 | 6.0 | 99.6 | 22.93 | 92.6 | 21.19 | 85.5 | 19.48 | 81.9 | 18.64 | 78.4 | 17.82 | 71.4 | 16.19 | 64.4 | 14.58 |
| | 9.0 | 7.8 | 99.6 | 22.08 | 92.6 | 20.40 | 85.5 | 18.77 | 81.9 | 17.98 | 78.4 | 17.18 | 71.4 | 15.60 | 64.4 | 14.07 |
| | 12.0 | 10.6 | 99.6 | 20.85 | 92.6 | 19.27 | 85.5 | 17.73 | 81.9 | 16.98 | 78.4 | 16.22 | 71.4 | 14.75 | 64.4 | 13.29 |
| | 15.0 | 13.5 | 99.6 | 19.65 | 92.6 | 18.18 | 85.5 | 16.73 | 81.9 | 16.02 | 78.4 | 15.31 | 71.4 | 13.92 | 64.4 | 12.57 |
| 76.0 (80%) | -20.0 | -20.7 | 57.5 | 22.54 | 57.2 | 22.75 | 56.9 | 22.96 | 56.8 | 23.08 | 56.5 | 23.19 | 56.2 | 23.39 | 55.2 | 23.28 |
| | -15.0 | -16.0 | 67.0 | 23.62 | 66.7 | 23.88 | 66.3 | 24.11 | 66.0 | 24.24 | 65.4 | 24.11 | 63.4 | 23.72 | 57.2 | 21.31 |
| | -12.0 | -13.0 | 73.3 | 24.31 | 72.9 | 24.57 | 71.4 | 24.44 | 70.6 | 24.26 | 69.6 | 24.11 | 63.4 | 21.92 | 57.2 | 19.73 |
| | -9.0 | -10.0 | 79.6 | 25.01 | 77.6 | 24.74 | 75.7 | 24.45 | 72.8 | 23.49 | 69.8 | 22.44 | 63.4 | 20.38 | 57.2 | 18.32 |
| | -7.0 | -8.0 | 82.4 | 25.00 | 80.6 | 24.74 | 76.0 | 23.41 | 72.8 | 22.40 | 69.8 | 21.40 | 63.4 | 19.43 | 57.2 | 17.50 |
| | -5.0 | -6.0 | 85.4 | 24.99 | 82.2 | 24.30 | 76.0 | 22.35 | 72.8 | 21.38 | 69.8 | 20.43 | 63.4 | 18.56 | 57.2 | 16.71 |
| | -3.0 | -4.0 | 88.2 | 25.01 | 82.2 | 23.22 | 76.0 | 21.35 | 72.8 | 20.43 | 69.8 | 19.54 | 63.4 | 17.74 | 57.2 | 16.00 |
| | -1.0 | -2.0 | 88.6 | 23.99 | 82.2 | 22.20 | 76.0 | 20.44 | 72.8 | 19.57 | 69.8 | 18.70 | 63.4 | 16.99 | 57.2 | 15.32 |
| | 0.0 | -1.0 | 88.6 | 23.47 | 82.2 | 21.71 | 76.0 | 20.00 | 72.8 | 19.13 | 69.8 | 18.29 | 63.4 | 16.63 | 57.2 | 14.99 |
| | 2.0 | 1.0 | 88.6 | 22.48 | 82.2 | 20.80 | 76.0 | 19.14 | 72.8 | 18.33 | 69.8 | 17.53 | 63.4 | 15.95 | 57.2 | 14.37 |
| | 5.0 | 4.0 | 88.6 | 21.08 | 82.2 | 19.51 | 76.0 | 17.98 | 72.8 | 17.22 | 69.8 | 16.46 | 63.4 | 14.98 | 57.2 | 13.53 |
| | 7.0 | 6.0 | 88.6 | 20.21 | 82.2 | 18.71 | 76.0 | 17.24 | 72.8 | 16.53 | 69.8 | 15.81 | 63.4 | 14.39 | 57.2 | 13.00 |
| | 9.0 | 7.8 | 88.6 | 19.47 | 82.2 | 18.05 | 76.0 | 16.63 | 72.8 | 15.92 | 69.8 | 15.24 | 63.4 | 13.87 | 57.2 | 12.54 |
| | 12.0 | 10.6 | 88.6 | 18.41 | 82.2 | 17.04 | 76.0 | 15.72 | 72.8 | 15.07 | 69.8 | 14.41 | 63.4 | 13.12 | 57.2 | 11.87 |
| | 15.0 | 13.5 | 88.6 | 17.35 | 82.2 | 16.08 | 76.0 | 14.82 | 72.8 | 14.22 | 69.8 | 13.61 | 63.4 | 12.40 | 57.2 | 11.21 |
| 66.5 (70%) | -20.0 | -20.7 | 57.1 | 22.82 | 56.8 | 23.03 | 56.4 | 23.24 | 56.2 | 23.34 | 56.0 | 23.39 | 54.4 | 22.97 | 50.0 | 21.23 |
| | -15.0 | -16.0 | 66.5 | 23.99 | 65.6 | 24.07 | 64.0 | 23.72 | 63.3 | 23.57 | 61.0 | 22.77 | 55.6 | 20.69 | 50.0 | 18.63 |
| | -12.0 | -13.0 | 71.6 | 24.34 | 70.0 | 24.06 | 66.5 | 23.02 | 63.7 | 22.04 | 61.0 | 21.07 | 55.6 | 19.14 | 50.0 | 17.25 |
| | -9.0 | -10.0 | 75.8 | 24.37 | 72.0 | 23.20 | 66.5 | 21.38 | 63.7 | 20.46 | 61.0 | 19.57 | 55.6 | 17.80 | 50.0 | 16.06 |
| | -7.0 | -8.0 | 77.4 | 23.89 | 72.0 | 22.12 | 66.5 | 20.38 | 63.7 | 19.52 | 61.0 | 18.67 | 55.6 | 16.99 | 50.0 | 15.33 |
| | -5.0 | -6.0 | 77.4 | 22.81 | 72.0 | 21.13 | 66.5 | 19.47 | 63.7 | 18.65 | 61.0 | 17.84 | 55.6 | 16.23 | 50.0 | 14.67 |
| | -3.0 | -4.0 | 77.4 | 21.79 | 72.0 | 20.19 | 66.5 | 18.61 | 63.7 | 17.84 | 61.0 | 17.06 | 55.6 | 15.53 | 50.0 | 14.03 |
| | -1.0 | -2.0 | 77.4 | 20.86 | 72.0 | 19.33 | 66.5 | 17.81 | 63.7 | 17.07 | 61.0 | 16.34 | 55.6 | 14.88 | 50.0 | 13.46 |
| | 0.0 | -1.0 | 77.4 | 20.40 | 72.0 | 18.90 | 66.5 | 17.45 | 63.7 | 16.71 | 61.0 | 16.00 | 55.6 | 14.58 | 50.0 | 13.18 |
| | 2.0 | 1.0 | 77.4 | 19.54 | 72.0 | 18.12 | 66.5 | 16.71 | 63.7 | 16.02 | 61.0 | 15.34 | 55.6 | 13.97 | 50.0 | 12.65 |
| | 5.0 | 4.0 | 77.4 | 18.34 | 72.0 | 17.00 | 66.5 | 15.71 | 63.7 | 15.05 | 61.0 | 14.42 | 55.6 | 13.15 | 50.0 | 11.89 |
| | 7.0 | 6.0 | 77.4 | 17.60 | 72.0 | 16.32 | 66.5 | 15.08 | 63.7 | 14.45 | 61.0 | 13.84 | 55.6 | 12.63 | 50.0 | 11.44 |
| | 9.0 | 7.8 | 77.4 | 16.97 | 72.0 | 15.74 | 66.5 | 14.53 | 63.7 | 13.95 | 61.0 | 13.35 | 55.6 | 12.18 | 50.0 | 11.05 |
| | 12.0 | 10.6 | 77.4 | 16.02 | 72.0 | 14.89 | 66.5 | 13.76 | 63.7 | 13.18 | 61.0 | 12.63 | 55.6 | 11.54 | 50.0 | 10.46 |
| | 15.0 | 13.5 | 77.4 | 15.12 | 72.0 | 14.04 | 66.5 | 12.99 | 63.7 | 12.46 | 61.0 | 11.94 | 55.6 | 10.91 | 50.0 | 9.90 |
| 57.0 (60%) | -20.0 | -20.7 | 56.4 | 23.17 | 55.8 | 23.23 | 54.4 | 22.89 | 53.8 | 22.72 | 52.4 | 22.22 | 47.6 | 20.19 | 43.0 | 18.21 |
| | -15.0 | -16.0 | 63.6 | 23.56 | 61.6 | 23.04 | 57.0 | 21.25 | 54.6 | 20.35 | 52.4 | 19.48 | 47.6 | 17.72 | 43.0 | 16.00 |
| | -12.0 | -13.0 | 66.4 | 22.98 | 61.6 | 21.32 | 57.0 | 19.66 | 54.6 | 18.85 | 52.4 | 18.03 | 47.6 | 16.42 | 43.0 | 14.84 |
| | -9.0 | -10.0 | 66.4 | 21.36 | 61.6 | 19.80 | 57.0 | 18.28 | 54.6 | 17.52 | 52.4 | 16.78 | 47.6 | 15.30 | 43.0 | 13.83 |
| | -7.0 | -8.0 | 66.4 | 20.37 | 61.6 | 18.89 | 57.0 | 17.45 | 54.6 | 16.73 | 52.4 | 16.02 | 47.6 | 14.60 | 43.0 | 13.21 |
| | -5.0 | -6.0 | 66.4 | 19.44 | 61.6 | 18.04 | 57.0 | 16.67 | 54.6 | 15.99 | 52.4 | 15.30 | 47.6 | 13.96 | 43.0 | 12.64 |
| | -3.0 | -4.0 | 66.4 | 18.58 | 61.6 | 17.27 | 57.0 | 15.95 | 54.6 | 15.30 | 52.4 | 14.66 | 47.6 | 13.37 | 43.0 | 12.13 |
| | -1.0 | -2.0 | 66.4 | 17.79 | 61.6 | 16.53 | 57.0 | 15.28 | 54.6 | 14.66 | 52.4 | 14.05 | 47.6 | 12.82 | 43.0 | 11.63 |
| | 0.0 | -1.0 | 66.4 | 17.43 | 61.6 | 16.17 | 57.0 | 14.96 | 54.6 | 14.35 | 52.4 | 13.75 | 47.6 | 12.56 | 43.0 | 11.40 |
| | 2.0 | 1.0 | 66.4 | 16.69 | 61.6 | 15.51 | 57.0 | 14.35 | 54.6 | 13.77 | 52.4 | 13.19 | 47.6 | 12.06 | 43.0 | 10.93 |
| | 5.0 | 4.0 | 66.4 | 15.68 | 61.6 | 14.58 | 57.0 | 13.49 | 54.6 | 12.94 | 52.4 | 12.42 | 47.6 | 11.36 | 43.0 | 10.31 |
| | 7.0 | 6.0 | 66.4 | 15.05 | 61.6 | 14.00 | 57.0 | 12.95 | 54.6 | 12.44 | 52.4 | 11.92 | 47.6 | 10.92 | 43.0 | 9.92 |
| | 9.0 | 7.8 | 66.4 | 14.53 | 61.6 | 13.51 | 57.0 | 12.50 | 54.6 | 12.01 | 52.4 | 11.51 | 47.6 | 10.53 | 43.0 | 9.58 |
| | 12.0 | 10.6 | 66.4 | 13.74 | 61.6 | 12.77 | 57.0 | 11.84 | 54.6 | 11.37 | 52.4 | 10.90 | 47.6 | 10.00 | 43.0 | 9.08 |
| | 15.0 | 13.5 | 66.4 | 12.98 | 61.6 | 12.08 | 57.0 | 11.19 | 54.6 | 10.74 | 52.4 | 10.32 | 47.6 | 9.45 | 43.0 | 8.60 |

MODEL SELECTION

| Heating capacity at rated condition: 106.5 kW (34HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 47.5 (50%) | -20.0 | -20.7 | 53.6 | 22.60 | 51.4 | 21.83 | 47.5 | 20.15 | 45.5 | 19.33 | 43.6 | 18.51 | 39.6 | 16.85 | 35.8 | 15.24 |
| | -15.0 | -16.0 | 55.4 | 20.62 | 51.4 | 19.15 | 47.5 | 17.70 | 45.5 | 16.96 | 43.6 | 16.25 | 39.6 | 14.83 | 35.8 | 13.43 |
| | -12.0 | -13.0 | 55.4 | 19.08 | 51.4 | 17.74 | 47.5 | 16.40 | 45.5 | 15.74 | 43.6 | 15.08 | 39.6 | 13.76 | 35.8 | 12.49 |
| | -9.0 | -10.0 | 55.4 | 17.76 | 51.4 | 16.50 | 47.5 | 15.26 | 45.5 | 14.65 | 43.6 | 14.05 | 39.6 | 12.84 | 35.8 | 11.65 |
| | -7.0 | -8.0 | 55.4 | 16.94 | 51.4 | 15.75 | 47.5 | 14.59 | 45.5 | 13.99 | 43.6 | 13.43 | 39.6 | 12.28 | 35.8 | 11.14 |
| | -5.0 | -6.0 | 55.4 | 16.19 | 51.4 | 15.06 | 47.5 | 13.95 | 45.5 | 13.40 | 43.6 | 12.85 | 39.6 | 11.75 | 35.8 | 10.69 |
| | -3.0 | -4.0 | 55.4 | 15.50 | 51.4 | 14.43 | 47.5 | 13.35 | 45.5 | 12.82 | 43.6 | 12.30 | 39.6 | 11.27 | 35.8 | 10.24 |
| | -1.0 | -2.0 | 55.4 | 14.85 | 51.4 | 13.82 | 47.5 | 12.80 | 45.5 | 12.30 | 43.6 | 11.80 | 39.6 | 10.82 | 35.8 | 9.84 |
| | 0.0 | -1.0 | 55.4 | 14.52 | 51.4 | 13.52 | 47.5 | 12.55 | 45.5 | 12.05 | 43.6 | 11.57 | 39.6 | 10.60 | 35.8 | 9.65 |
| | 2.0 | 1.0 | 55.4 | 13.94 | 51.4 | 12.97 | 47.5 | 12.05 | 45.5 | 11.57 | 43.6 | 11.10 | 39.6 | 10.18 | 35.8 | 9.26 |
| | 5.0 | 4.0 | 55.4 | 13.12 | 51.4 | 12.23 | 47.5 | 11.34 | 45.5 | 10.89 | 43.6 | 10.47 | 39.6 | 9.60 | 35.8 | 8.75 |
| | 7.0 | 6.0 | 55.4 | 12.60 | 51.4 | 11.74 | 47.5 | 10.90 | 45.5 | 10.48 | 43.6 | 10.08 | 39.6 | 9.24 | 35.8 | 8.42 |
| | 9.0 | 7.8 | 55.4 | 12.17 | 51.4 | 11.33 | 47.5 | 10.53 | 45.5 | 10.12 | 43.6 | 9.72 | 39.6 | 8.93 | 35.8 | 8.14 |
| | 12.0 | 10.6 | 55.4 | 11.51 | 51.4 | 10.73 | 47.5 | 9.99 | 45.5 | 9.59 | 43.6 | 9.22 | 39.6 | 8.48 | 35.8 | 7.75 |
| | 15.0 | 13.5 | 55.4 | 10.89 | 51.4 | 10.15 | 47.5 | 9.44 | 45.5 | 9.10 | 43.6 | 8.73 | 39.6 | 8.04 | 35.8 | 7.35 |

# ■ Model: AJ∗324GALDH

| Heating capacity at rated condition: 112.5 kW (36HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 150.7 (150%) | -20.0 | -20.7 | 59.4 | 22.23 | 59.1 | 22.47 | 58.7 | 22.71 | 58.5 | 22.83 | 58.2 | 22.95 | 57.9 | 23.19 | 57.6 | 23.46 |
| | -15.0 | -16.0 | 69.6 | 23.01 | 69.3 | 23.28 | 68.9 | 23.58 | 68.7 | 23.73 | 68.4 | 23.88 | 68.1 | 24.18 | 67.8 | 24.48 |
| | -12.0 | -13.0 | 76.5 | 23.49 | 75.9 | 23.79 | 75.6 | 24.12 | 75.3 | 24.27 | 75.3 | 24.45 | 74.7 | 24.75 | 74.4 | 25.08 |
| | -9.0 | -10.0 | 83.4 | 23.94 | 82.8 | 24.30 | 82.4 | 24.63 | 82.2 | 24.81 | 81.9 | 24.99 | 81.6 | 25.35 | 81.0 | 25.68 |
| | -7.0 | -8.0 | 87.9 | 24.24 | 87.6 | 24.60 | 87.0 | 24.96 | 86.7 | 25.17 | 86.7 | 25.35 | 86.1 | 25.71 | 85.5 | 26.07 |
| | -5.0 | -6.0 | 92.7 | 24.54 | 92.1 | 24.93 | 91.7 | 25.29 | 91.5 | 25.50 | 91.2 | 25.68 | 90.6 | 26.07 | 90.3 | 26.46 |
| | -3.0 | -4.0 | 97.5 | 24.84 | 96.9 | 25.23 | 96.4 | 25.62 | 96.0 | 25.83 | 96.0 | 26.01 | 95.4 | 26.43 | 94.8 | 26.82 |
| | -1.0 | -2.0 | 102.3 | 25.11 | 101.7 | 25.53 | 101.1 | 25.95 | 100.8 | 26.16 | 100.5 | 26.34 | 99.9 | 26.76 | 99.3 | 27.18 |
| | 0.0 | -1.0 | 104.7 | 25.26 | 104.1 | 25.68 | 103.5 | 26.10 | 103.2 | 26.31 | 102.9 | 26.52 | 102.3 | 26.94 | 101.7 | 27.36 |
| | 2.0 | 1.0 | 109.5 | 25.53 | 108.9 | 25.95 | 108.3 | 26.40 | 108.0 | 26.61 | 107.7 | 26.82 | 107.1 | 27.27 | 106.2 | 27.72 |
| | 5.0 | 4.0 | 117.0 | 25.92 | 116.1 | 26.37 | 115.5 | 26.82 | 115.2 | 27.06 | 114.9 | 27.27 | 114.0 | 27.75 | 111.3 | 27.60 |
| | 7.0 | 6.0 | 121.8 | 26.16 | 121.2 | 26.64 | 120.3 | 27.09 | 120.0 | 27.33 | 119.7 | 27.57 | 118.8 | 28.05 | 111.3 | 26.46 |
| | 9.0 | 7.8 | 126.3 | 26.40 | 125.4 | 26.85 | 124.7 | 27.33 | 124.2 | 27.57 | 123.9 | 27.81 | 123.0 | 28.29 | 111.3 | 25.47 |
| | 12.0 | 10.6 | 133.2 | 26.70 | 132.3 | 27.21 | 131.5 | 27.69 | 131.1 | 27.93 | 130.5 | 28.20 | 124.5 | 27.15 | 111.3 | 24.03 |
| | 15.0 | 13.5 | 140.4 | 27.03 | 139.5 | 27.54 | 138.5 | 28.05 | 138.0 | 28.29 | 137.4 | 28.56 | 124.5 | 25.56 | 111.3 | 22.65 |
| 140.7 (140%) | -20.0 | -20.7 | 59.4 | 22.32 | 58.8 | 22.56 | 58.6 | 22.80 | 58.5 | 22.92 | 58.2 | 23.04 | 57.9 | 23.28 | 57.6 | 23.52 |
| | -15.0 | -16.0 | 69.6 | 23.10 | 69.0 | 23.40 | 68.7 | 23.70 | 68.7 | 23.85 | 68.4 | 24.00 | 68.1 | 24.27 | 67.5 | 24.57 |
| | -12.0 | -13.0 | 76.2 | 23.61 | 75.9 | 23.94 | 75.4 | 24.24 | 75.3 | 24.42 | 75.0 | 24.57 | 74.7 | 24.90 | 74.1 | 25.23 |
| | -9.0 | -10.0 | 83.1 | 24.09 | 82.8 | 24.45 | 82.2 | 24.78 | 81.9 | 24.96 | 81.9 | 25.14 | 81.3 | 25.50 | 81.0 | 25.86 |
| | -7.0 | -8.0 | 87.9 | 24.42 | 87.3 | 24.78 | 86.8 | 25.14 | 86.7 | 25.32 | 86.4 | 25.50 | 85.8 | 25.89 | 85.5 | 26.25 |
| | -5.0 | -6.0 | 92.4 | 24.72 | 92.1 | 25.11 | 91.4 | 25.50 | 91.2 | 25.68 | 90.9 | 25.89 | 90.3 | 26.25 | 90.0 | 26.64 |
| | -3.0 | -4.0 | 97.2 | 25.05 | 96.6 | 25.44 | 96.1 | 25.83 | 95.7 | 26.04 | 95.7 | 26.22 | 95.1 | 26.64 | 94.5 | 27.03 |
| | -1.0 | -2.0 | 102.0 | 25.35 | 101.4 | 25.74 | 100.8 | 26.16 | 100.5 | 26.37 | 100.2 | 26.58 | 99.6 | 27.00 | 99.0 | 27.42 |
| | 0.0 | -1.0 | 104.4 | 25.50 | 103.8 | 25.92 | 103.2 | 26.34 | 102.9 | 26.55 | 102.6 | 26.76 | 102.0 | 27.18 | 101.4 | 27.60 |
| | 2.0 | 1.0 | 109.2 | 25.77 | 108.6 | 26.22 | 107.9 | 26.64 | 107.7 | 26.88 | 107.4 | 27.09 | 106.5 | 27.51 | 104.1 | 27.30 |
| | 5.0 | 4.0 | 116.4 | 26.19 | 115.8 | 26.67 | 115.1 | 27.12 | 114.6 | 27.33 | 114.3 | 27.57 | 113.7 | 28.02 | 104.1 | 25.62 |
| | 7.0 | 6.0 | 121.5 | 26.49 | 120.6 | 26.94 | 119.8 | 27.42 | 119.4 | 27.63 | 119.1 | 27.87 | 116.1 | 27.69 | 104.1 | 24.54 |
| | 9.0 | 7.8 | 125.7 | 26.70 | 125.1 | 27.18 | 124.1 | 27.66 | 123.6 | 27.90 | 123.3 | 28.14 | 116.1 | 26.67 | 104.1 | 23.64 |
| | 12.0 | 10.6 | 132.6 | 27.06 | 131.7 | 27.57 | 130.8 | 28.05 | 130.5 | 28.29 | 128.4 | 28.11 | 116.1 | 25.17 | 104.1 | 22.32 |
| | 15.0 | 13.5 | 139.8 | 27.42 | 138.9 | 27.93 | 137.8 | 28.41 | 134.7 | 27.87 | 128.4 | 26.46 | 116.1 | 23.70 | 104.1 | 21.03 |
| 130.6 (130%) | -20.0 | -20.7 | 59.1 | 22.41 | 58.8 | 22.65 | 58.5 | 22.89 | 58.2 | 23.01 | 58.2 | 23.13 | 57.9 | 23.37 | 57.3 | 23.61 |
| | -15.0 | -16.0 | 69.3 | 23.25 | 69.0 | 23.52 | 68.6 | 23.82 | 68.4 | 23.97 | 68.1 | 24.12 | 67.8 | 24.42 | 67.5 | 24.69 |
| | -12.0 | -13.0 | 75.9 | 23.76 | 75.6 | 24.09 | 75.2 | 24.39 | 75.0 | 24.57 | 74.7 | 24.72 | 74.4 | 25.05 | 74.1 | 25.38 |
| | -9.0 | -10.0 | 82.8 | 24.27 | 82.5 | 24.63 | 82.0 | 24.96 | 81.9 | 25.14 | 81.6 | 25.32 | 81.0 | 25.68 | 80.7 | 26.04 |
| | -7.0 | -8.0 | 87.6 | 24.63 | 87.0 | 24.99 | 86.6 | 25.35 | 86.4 | 25.53 | 86.1 | 25.71 | 85.5 | 26.07 | 85.2 | 26.46 |
| | -5.0 | -6.0 | 92.1 | 24.96 | 91.8 | 25.32 | 91.2 | 25.71 | 90.9 | 25.92 | 90.6 | 26.10 | 90.0 | 26.49 | 89.7 | 26.88 |
| | -3.0 | -4.0 | 96.9 | 25.29 | 96.3 | 25.68 | 95.8 | 26.07 | 95.4 | 26.28 | 95.1 | 26.46 | 94.8 | 26.88 | 94.2 | 27.27 |
| | -1.0 | -2.0 | 101.7 | 25.59 | 101.1 | 26.01 | 100.4 | 26.43 | 100.2 | 26.64 | 99.9 | 26.85 | 99.3 | 27.27 | 96.6 | 26.94 |
| | 0.0 | -1.0 | 104.1 | 25.77 | 103.5 | 26.19 | 102.8 | 26.61 | 102.6 | 26.82 | 102.3 | 27.03 | 101.7 | 27.45 | 96.6 | 26.34 |
| | 2.0 | 1.0 | 108.9 | 26.07 | 108.0 | 26.52 | 107.5 | 26.94 | 107.1 | 27.15 | 106.8 | 27.39 | 106.2 | 27.81 | 96.6 | 25.23 |
| | 5.0 | 4.0 | 116.1 | 26.52 | 115.2 | 27.00 | 114.5 | 27.45 | 114.3 | 27.66 | 113.7 | 27.90 | 108.0 | 26.64 | 96.6 | 23.67 |
| | 7.0 | 6.0 | 120.9 | 26.82 | 120.0 | 27.30 | 119.2 | 27.75 | 118.8 | 27.99 | 118.5 | 28.23 | 108.0 | 25.56 | 96.6 | 22.68 |
| | 9.0 | 7.8 | 125.1 | 27.09 | 124.2 | 27.57 | 123.5 | 28.05 | 123.0 | 28.26 | 119.4 | 27.45 | 108.0 | 24.60 | 96.6 | 21.87 |
| | 12.0 | 10.6 | 132.0 | 27.48 | 131.1 | 27.96 | 130.1 | 28.44 | 125.1 | 27.24 | 119.4 | 25.89 | 108.0 | 23.22 | 96.6 | 20.64 |
| | 15.0 | 13.5 | 138.9 | 27.84 | 138.0 | 28.35 | 130.6 | 26.97 | 125.1 | 25.65 | 119.4 | 24.39 | 108.0 | 21.87 | 96.6 | 19.44 |
| 120.6 (120%) | -20.0 | -20.7 | 59.1 | 22.50 | 58.8 | 22.74 | 58.3 | 22.98 | 58.2 | 23.10 | 57.9 | 23.22 | 57.6 | 23.46 | 57.3 | 23.73 |
| | -15.0 | -16.0 | 69.0 | 23.37 | 68.7 | 23.67 | 68.4 | 23.97 | 68.1 | 24.12 | 68.1 | 24.27 | 67.5 | 24.54 | 67.2 | 24.84 |
| | -12.0 | -13.0 | 75.9 | 23.94 | 75.3 | 24.27 | 75.0 | 24.57 | 74.7 | 24.75 | 74.7 | 24.90 | 74.1 | 25.23 | 73.8 | 25.56 |
| | -9.0 | -10.0 | 82.5 | 24.48 | 82.2 | 24.84 | 81.7 | 25.17 | 81.6 | 25.35 | 81.3 | 25.53 | 80.7 | 25.89 | 80.4 | 26.22 |
| | -7.0 | -8.0 | 87.3 | 24.84 | 86.7 | 25.20 | 86.3 | 25.59 | 86.1 | 25.77 | 85.8 | 25.95 | 85.2 | 26.31 | 84.9 | 26.67 |
| | -5.0 | -6.0 | 91.8 | 25.20 | 91.2 | 25.59 | 90.8 | 25.98 | 90.6 | 26.16 | 90.3 | 26.34 | 89.7 | 26.73 | 89.1 | 27.06 |
| | -3.0 | -4.0 | 96.6 | 25.56 | 96.0 | 25.95 | 95.4 | 26.34 | 95.1 | 26.55 | 94.8 | 26.76 | 94.2 | 27.15 | 89.1 | 25.86 |
| | -1.0 | -2.0 | 101.1 | 25.92 | 100.5 | 26.31 | 100.0 | 26.73 | 99.6 | 26.94 | 99.3 | 27.15 | 98.7 | 27.57 | 89.1 | 24.75 |
| | 0.0 | -1.0 | 103.5 | 26.07 | 102.9 | 26.49 | 102.3 | 26.91 | 102.0 | 27.12 | 101.7 | 27.33 | 99.6 | 27.24 | 89.1 | 24.21 |
| | 2.0 | 1.0 | 108.3 | 26.43 | 107.7 | 26.85 | 107.0 | 27.27 | 106.5 | 27.51 | 106.2 | 27.72 | 99.6 | 26.07 | 89.1 | 23.19 |
| | 5.0 | 4.0 | 115.5 | 26.91 | 114.6 | 27.36 | 113.9 | 27.81 | 113.7 | 28.05 | 110.1 | 27.24 | 99.6 | 24.45 | 89.1 | 21.75 |
| | 7.0 | 6.0 | 120.0 | 27.24 | 119.4 | 27.69 | 118.6 | 28.17 | 115.5 | 27.48 | 110.1 | 26.10 | 99.6 | 23.46 | 89.1 | 20.85 |
| | 9.0 | 7.8 | 124.5 | 27.51 | 123.6 | 27.99 | 120.6 | 27.78 | 115.5 | 26.46 | 110.1 | 25.14 | 99.6 | 22.59 | 89.1 | 20.10 |
| | 12.0 | 10.6 | 131.1 | 27.93 | 130.2 | 28.44 | 120.6 | 26.19 | 115.5 | 24.96 | 110.1 | 23.73 | 99.6 | 21.33 | 89.1 | 18.99 |
| | 15.0 | 13.5 | 138.0 | 28.35 | 131.1 | 27.06 | 120.6 | 24.69 | 115.5 | 23.52 | 110.1 | 22.35 | 99.6 | 20.10 | 89.1 | 17.91 |
| 110.5 (110%) | -20.0 | -20.7 | 58.8 | 22.62 | 58.5 | 22.86 | 58.1 | 23.10 | 57.9 | 23.22 | 57.9 | 23.34 | 57.3 | 23.61 | 57.0 | 23.85 |
| | -15.0 | -16.0 | 69.0 | 23.55 | 68.4 | 23.85 | 68.2 | 24.15 | 68.1 | 24.27 | 67.8 | 24.42 | 67.5 | 24.72 | 66.9 | 25.02 |
| | -12.0 | -13.0 | 75.6 | 24.15 | 75.0 | 24.48 | 74.7 | 24.78 | 74.4 | 24.96 | 74.4 | 25.11 | 73.8 | 25.44 | 73.5 | 25.74 |
| | -9.0 | -10.0 | 82.2 | 24.75 | 81.9 | 25.08 | 81.4 | 25.44 | 81.3 | 25.59 | 81.0 | 25.77 | 80.4 | 26.13 | 80.1 | 26.49 |
| | -7.0 | -8.0 | 86.7 | 25.11 | 86.4 | 25.50 | 85.9 | 25.86 | 85.8 | 26.04 | 85.5 | 26.22 | 84.9 | 26.58 | 81.6 | 25.89 |
| | -5.0 | -6.0 | 91.5 | 25.50 | 90.9 | 25.89 | 90.4 | 26.28 | 90.3 | 26.46 | 90.0 | 26.64 | 89.4 | 27.03 | 81.6 | 24.72 |
| | -3.0 | -4.0 | 96.0 | 25.89 | 95.4 | 26.28 | 94.9 | 26.67 | 94.8 | 26.88 | 94.5 | 27.09 | 91.2 | 26.55 | 81.6 | 23.61 |
| | -1.0 | -2.0 | 100.8 | 26.28 | 100.2 | 26.67 | 99.5 | 27.09 | 99.3 | 27.30 | 99.0 | 27.51 | 91.2 | 25.38 | 81.6 | 22.59 |
| | 0.0 | -1.0 | 102.9 | 26.46 | 102.3 | 26.88 | 101.8 | 27.30 | 101.4 | 27.51 | 100.8 | 27.63 | 91.2 | 24.84 | 81.6 | 22.11 |
| | 2.0 | 1.0 | 107.7 | 26.82 | 107.1 | 27.24 | 106.3 | 27.69 | 105.6 | 27.81 | 100.8 | 26.43 | 91.2 | 23.79 | 81.6 | 21.18 |
| | 5.0 | 4.0 | 114.6 | 27.36 | 114.0 | 27.81 | 110.5 | 27.36 | 105.6 | 26.07 | 100.8 | 24.81 | 91.2 | 22.32 | 81.6 | 19.89 |
| | 7.0 | 6.0 | 119.4 | 27.72 | 118.5 | 28.17 | 110.5 | 26.22 | 105.6 | 24.99 | 100.8 | 23.79 | 91.2 | 21.39 | 81.6 | 19.08 |
| | 9.0 | 7.8 | 123.6 | 28.02 | 120.3 | 27.66 | 110.5 | 25.26 | 105.6 | 24.06 | 100.8 | 22.89 | 91.2 | 20.61 | 81.6 | 18.39 |
| | 12.0 | 10.6 | 129.9 | 28.41 | 120.3 | 26.10 | 110.5 | 23.82 | 105.6 | 22.71 | 100.8 | 21.63 | 91.2 | 19.47 | 81.6 | 17.37 |
| | 15.0 | 13.5 | 129.9 | 26.76 | 120.3 | 24.57 | 110.5 | 22.44 | 105.6 | 21.42 | 100.8 | 20.37 | 91.2 | 18.36 | 81.6 | 16.38 |

MODEL SELECTION

| Heating capacity at rated condition: 112.5 kW (36HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 100.5 (100%) | -20.0 | -20.7 | 58.5 | 22.77 | 58.2 | 23.01 | 57.9 | 23.25 | 57.6 | 23.37 | 57.6 | 23.49 | 57.3 | 23.73 | 57.0 | 24.00 |
| | -15.0 | -16.0 | 68.7 | 23.76 | 68.4 | 24.06 | 67.9 | 24.33 | 67.8 | 24.48 | 67.5 | 24.63 | 67.2 | 24.93 | 66.9 | 25.23 |
| | -12.0 | -13.0 | 75.3 | 24.39 | 74.7 | 24.72 | 74.4 | 25.05 | 74.1 | 25.20 | 74.1 | 25.35 | 73.5 | 25.68 | 73.2 | 26.01 |
| | -9.0 | -10.0 | 81.9 | 25.02 | 81.6 | 25.38 | 81.0 | 25.71 | 80.7 | 25.89 | 80.7 | 26.07 | 80.1 | 26.43 | 74.4 | 24.57 |
| | -7.0 | -8.0 | 86.4 | 25.44 | 85.8 | 25.80 | 85.5 | 26.19 | 85.2 | 26.37 | 84.9 | 26.55 | 83.1 | 26.31 | 74.4 | 23.46 |
| | -5.0 | -6.0 | 90.9 | 25.86 | 90.3 | 26.25 | 89.9 | 26.64 | 89.7 | 26.82 | 89.4 | 27.00 | 83.1 | 25.11 | 74.4 | 22.38 |
| | -3.0 | -4.0 | 95.4 | 26.28 | 95.1 | 26.67 | 94.4 | 27.06 | 94.2 | 27.27 | 91.8 | 26.67 | 83.1 | 24.00 | 74.4 | 21.42 |
| | -1.0 | -2.0 | 100.2 | 26.70 | 99.6 | 27.09 | 98.9 | 27.51 | 96.0 | 26.79 | 91.8 | 25.50 | 83.1 | 22.98 | 74.4 | 20.49 |
| | 0.0 | -1.0 | 102.3 | 26.91 | 101.7 | 27.30 | 100.5 | 27.51 | 96.0 | 26.22 | 91.8 | 24.96 | 83.1 | 22.47 | 74.4 | 20.04 |
| | 2.0 | 1.0 | 106.8 | 27.30 | 106.2 | 27.72 | 100.5 | 26.31 | 96.0 | 25.11 | 91.8 | 23.91 | 83.1 | 21.54 | 74.4 | 19.23 |
| | 5.0 | 4.0 | 113.7 | 27.90 | 109.2 | 27.00 | 100.5 | 24.69 | 96.0 | 23.55 | 91.8 | 22.41 | 83.1 | 20.22 | 74.4 | 18.06 |
| | 7.0 | 6.0 | 117.9 | 28.14 | 109.2 | 25.89 | 100.5 | 23.67 | 96.0 | 22.59 | 91.8 | 21.51 | 83.1 | 19.38 | 74.4 | 17.31 |
| | 9.0 | 7.8 | 117.9 | 27.12 | 109.2 | 24.93 | 100.5 | 22.80 | 96.0 | 21.75 | 91.8 | 20.73 | 83.1 | 18.69 | 74.4 | 16.71 |
| | 12.0 | 10.6 | 117.9 | 25.56 | 109.2 | 23.52 | 100.5 | 21.51 | 96.0 | 20.55 | 91.8 | 19.56 | 83.1 | 17.64 | 74.4 | 15.78 |
| | 15.0 | 13.5 | 117.9 | 24.09 | 109.2 | 22.17 | 100.5 | 20.28 | 96.0 | 19.35 | 91.8 | 18.45 | 83.1 | 16.65 | 74.4 | 14.91 |
| 90.4 (90%) | -20.0 | -20.7 | 58.5 | 22.95 | 57.9 | 23.19 | 57.7 | 23.43 | 57.6 | 23.55 | 57.3 | 23.67 | 57.0 | 23.91 | 56.7 | 24.18 |
| | -15.0 | -16.0 | 68.4 | 24.03 | 68.1 | 24.30 | 67.6 | 24.60 | 67.5 | 24.75 | 67.2 | 24.90 | 66.9 | 25.17 | 66.3 | 25.47 |
| | -12.0 | -13.0 | 74.7 | 24.69 | 74.4 | 25.02 | 74.0 | 25.35 | 73.8 | 25.50 | 73.5 | 25.65 | 73.2 | 25.98 | 66.9 | 23.73 |
| | -9.0 | -10.0 | 81.6 | 25.38 | 81.0 | 25.74 | 80.6 | 26.07 | 80.4 | 26.25 | 80.1 | 26.43 | 74.7 | 24.72 | 66.9 | 22.08 |
| | -7.0 | -8.0 | 85.8 | 25.86 | 85.5 | 26.22 | 85.0 | 26.58 | 84.6 | 26.76 | 82.5 | 26.16 | 74.7 | 23.58 | 66.9 | 21.06 |
| | -5.0 | -6.0 | 90.3 | 26.31 | 90.0 | 26.67 | 89.3 | 27.06 | 86.4 | 26.22 | 82.5 | 24.99 | 74.7 | 22.53 | 66.9 | 20.13 |
| | -3.0 | -4.0 | 94.8 | 26.76 | 94.2 | 27.15 | 90.4 | 26.28 | 86.4 | 25.08 | 82.5 | 23.88 | 74.7 | 21.54 | 66.9 | 19.23 |
| | -1.0 | -2.0 | 99.3 | 27.21 | 98.4 | 27.45 | 90.4 | 25.14 | 86.4 | 23.97 | 82.5 | 22.86 | 74.7 | 20.61 | 66.9 | 18.42 |
| | 0.0 | -1.0 | 101.7 | 27.42 | 98.4 | 26.85 | 90.4 | 24.57 | 86.4 | 23.46 | 82.5 | 22.35 | 74.7 | 20.16 | 66.9 | 18.03 |
| | 2.0 | 1.0 | 106.2 | 27.87 | 98.4 | 25.71 | 90.4 | 23.55 | 86.4 | 22.47 | 82.5 | 21.42 | 74.7 | 19.32 | 66.9 | 17.28 |
| | 5.0 | 4.0 | 106.2 | 26.19 | 98.4 | 24.12 | 90.4 | 22.08 | 86.4 | 21.09 | 82.5 | 20.10 | 74.7 | 18.15 | 66.9 | 16.26 |
| | 7.0 | 6.0 | 106.2 | 25.11 | 98.4 | 23.13 | 90.4 | 21.18 | 86.4 | 20.22 | 82.5 | 19.29 | 74.7 | 17.43 | 66.9 | 15.60 |
| | 9.0 | 7.8 | 106.2 | 24.18 | 98.4 | 22.26 | 90.4 | 20.40 | 86.4 | 19.50 | 82.5 | 18.60 | 74.7 | 16.80 | 66.9 | 15.06 |
| | 12.0 | 10.6 | 106.2 | 22.83 | 98.4 | 21.03 | 90.4 | 19.26 | 86.4 | 18.42 | 82.5 | 17.55 | 74.7 | 15.87 | 66.9 | 14.22 |
| | 15.0 | 13.5 | 106.2 | 21.51 | 98.4 | 19.83 | 90.4 | 18.18 | 86.4 | 17.37 | 82.5 | 16.56 | 74.7 | 14.97 | 66.9 | 13.44 |
| 80.4 (80%) | -20.0 | -20.7 | 57.9 | 23.16 | 57.6 | 23.40 | 57.4 | 23.64 | 57.3 | 23.79 | 57.0 | 23.91 | 56.7 | 24.15 | 56.4 | 24.39 |
| | -15.0 | -16.0 | 67.8 | 24.33 | 67.5 | 24.63 | 67.2 | 24.90 | 66.9 | 25.05 | 66.9 | 25.20 | 66.3 | 25.50 | 59.4 | 22.77 |
| | -12.0 | -13.0 | 74.4 | 25.08 | 74.1 | 25.38 | 73.6 | 25.71 | 73.5 | 25.86 | 73.2 | 26.04 | 66.3 | 23.58 | 59.4 | 21.09 |
| | -9.0 | -10.0 | 81.0 | 25.83 | 80.4 | 26.19 | 80.0 | 26.52 | 76.8 | 25.47 | 73.5 | 24.27 | 66.3 | 21.93 | 59.4 | 19.59 |
| | -7.0 | -8.0 | 85.2 | 26.34 | 84.9 | 26.70 | 80.4 | 25.44 | 76.8 | 24.30 | 73.5 | 23.16 | 66.3 | 20.91 | 59.4 | 18.72 |
| | -5.0 | -6.0 | 89.7 | 26.85 | 87.3 | 26.52 | 80.4 | 24.30 | 76.8 | 23.19 | 73.5 | 22.11 | 66.3 | 19.98 | 59.4 | 17.88 |
| | -3.0 | -4.0 | 93.9 | 27.36 | 87.3 | 25.35 | 80.4 | 23.22 | 76.8 | 22.17 | 73.5 | 21.15 | 66.3 | 19.11 | 59.4 | 17.13 |
| | -1.0 | -2.0 | 94.5 | 26.28 | 87.3 | 24.24 | 80.4 | 22.23 | 76.8 | 21.24 | 73.5 | 20.25 | 66.3 | 18.30 | 59.4 | 16.41 |
| | 0.0 | -1.0 | 94.5 | 25.71 | 87.3 | 23.70 | 80.4 | 21.75 | 76.8 | 20.76 | 73.5 | 19.80 | 66.3 | 17.91 | 59.4 | 16.05 |
| | 2.0 | 1.0 | 94.5 | 24.63 | 87.3 | 22.71 | 80.4 | 20.82 | 76.8 | 19.89 | 73.5 | 18.99 | 66.3 | 17.19 | 59.4 | 15.39 |
| | 5.0 | 4.0 | 94.5 | 23.10 | 87.3 | 21.30 | 80.4 | 19.56 | 76.8 | 18.69 | 73.5 | 17.82 | 66.3 | 16.14 | 59.4 | 14.49 |
| | 7.0 | 6.0 | 94.5 | 22.14 | 87.3 | 20.43 | 80.4 | 18.75 | 76.8 | 17.94 | 73.5 | 17.13 | 66.3 | 15.51 | 59.4 | 13.92 |
| | 9.0 | 7.8 | 94.5 | 21.33 | 87.3 | 19.71 | 80.4 | 18.09 | 76.8 | 17.28 | 73.5 | 16.50 | 66.3 | 14.94 | 59.4 | 13.44 |
| | 12.0 | 10.6 | 94.5 | 20.16 | 87.3 | 18.60 | 80.4 | 17.10 | 76.8 | 16.35 | 73.5 | 15.60 | 66.3 | 14.13 | 59.4 | 12.72 |
| | 15.0 | 13.5 | 94.5 | 18.99 | 87.3 | 17.55 | 80.4 | 16.11 | 76.8 | 15.42 | 73.5 | 14.73 | 66.3 | 13.35 | 59.4 | 12.00 |
| 70.3 (70%) | -20.0 | -20.7 | 57.6 | 23.46 | 57.3 | 23.70 | 57.0 | 23.94 | 56.7 | 24.06 | 56.7 | 24.18 | 56.4 | 24.42 | 51.9 | 22.68 |
| | -15.0 | -16.0 | 67.5 | 24.72 | 66.9 | 25.02 | 66.7 | 25.29 | 66.6 | 25.44 | 64.2 | 24.63 | 58.2 | 22.26 | 51.9 | 19.92 |
| | -12.0 | -13.0 | 73.8 | 25.56 | 73.5 | 25.86 | 70.3 | 25.02 | 67.2 | 23.91 | 64.2 | 22.80 | 58.2 | 20.61 | 51.9 | 18.45 |
| | -9.0 | -10.0 | 80.1 | 26.40 | 76.5 | 25.32 | 70.3 | 23.25 | 67.2 | 22.20 | 64.2 | 21.18 | 58.2 | 19.17 | 51.9 | 17.19 |
| | -7.0 | -8.0 | 82.5 | 26.16 | 76.5 | 24.15 | 70.3 | 22.17 | 67.2 | 21.18 | 64.2 | 20.22 | 58.2 | 18.30 | 51.9 | 16.41 |
| | -5.0 | -6.0 | 82.5 | 24.99 | 76.5 | 23.07 | 70.3 | 21.18 | 67.2 | 20.25 | 64.2 | 19.32 | 58.2 | 17.49 | 51.9 | 15.72 |
| | -3.0 | -4.0 | 82.5 | 23.88 | 76.5 | 22.05 | 70.3 | 20.25 | 67.2 | 19.38 | 64.2 | 18.48 | 58.2 | 16.74 | 51.9 | 15.03 |
| | -1.0 | -2.0 | 82.5 | 22.86 | 76.5 | 21.12 | 70.3 | 19.38 | 67.2 | 18.54 | 64.2 | 17.70 | 58.2 | 16.05 | 51.9 | 14.43 |
| | 0.0 | -1.0 | 82.5 | 22.35 | 76.5 | 20.64 | 70.3 | 18.99 | 67.2 | 18.15 | 64.2 | 17.34 | 58.2 | 15.72 | 51.9 | 14.13 |
| | 2.0 | 1.0 | 82.5 | 21.42 | 76.5 | 19.80 | 70.3 | 18.18 | 67.2 | 17.40 | 64.2 | 16.62 | 58.2 | 15.06 | 51.9 | 13.56 |
| | 5.0 | 4.0 | 82.5 | 20.10 | 76.5 | 18.57 | 70.3 | 17.10 | 67.2 | 16.35 | 64.2 | 15.63 | 58.2 | 14.19 | 51.9 | 12.75 |
| | 7.0 | 6.0 | 82.5 | 19.29 | 76.5 | 17.82 | 70.3 | 16.41 | 67.2 | 15.69 | 64.2 | 15.00 | 58.2 | 13.62 | 51.9 | 12.27 |
| | 9.0 | 7.8 | 82.5 | 18.60 | 76.5 | 17.19 | 70.3 | 15.81 | 67.2 | 15.15 | 64.2 | 14.46 | 58.2 | 13.14 | 51.9 | 11.85 |
| | 12.0 | 10.6 | 82.5 | 17.55 | 76.5 | 16.26 | 70.3 | 14.97 | 67.2 | 14.31 | 64.2 | 13.68 | 58.2 | 12.45 | 51.9 | 11.22 |
| | 15.0 | 13.5 | 82.5 | 16.56 | 76.5 | 15.33 | 70.3 | 14.13 | 67.2 | 13.53 | 64.2 | 12.93 | 58.2 | 11.76 | 51.9 | 10.62 |
| 60.3 (60%) | -20.0 | -20.7 | 57.0 | 23.82 | 56.7 | 24.06 | 56.4 | 24.30 | 56.4 | 24.42 | 55.2 | 24.03 | 49.8 | 21.72 | 44.7 | 19.47 |
| | -15.0 | -16.0 | 66.6 | 25.26 | 65.4 | 25.14 | 60.3 | 23.10 | 57.6 | 22.08 | 55.2 | 21.09 | 49.8 | 19.08 | 44.7 | 17.13 |
| | -12.0 | -13.0 | 70.8 | 25.17 | 65.4 | 23.28 | 60.3 | 21.39 | 57.6 | 20.46 | 55.2 | 19.53 | 49.8 | 17.70 | 44.7 | 15.90 |
| | -9.0 | -10.0 | 70.8 | 23.40 | 65.4 | 21.63 | 60.3 | 19.89 | 57.6 | 19.02 | 55.2 | 18.18 | 49.8 | 16.50 | 44.7 | 14.82 |
| | -7.0 | -8.0 | 70.8 | 22.32 | 65.4 | 20.64 | 60.3 | 18.99 | 57.6 | 18.18 | 55.2 | 17.37 | 49.8 | 15.75 | 44.7 | 14.16 |
| | -5.0 | -6.0 | 70.8 | 21.30 | 65.4 | 19.71 | 60.3 | 18.15 | 57.6 | 17.37 | 55.2 | 16.59 | 49.8 | 15.06 | 44.7 | 13.56 |
| | -3.0 | -4.0 | 70.8 | 20.37 | 65.4 | 18.87 | 60.3 | 17.37 | 57.6 | 16.62 | 55.2 | 15.90 | 49.8 | 14.43 | 44.7 | 13.02 |
| | -1.0 | -2.0 | 70.8 | 19.50 | 65.4 | 18.06 | 60.3 | 16.65 | 57.6 | 15.93 | 55.2 | 15.24 | 49.8 | 13.83 | 44.7 | 12.48 |
| | 0.0 | -1.0 | 70.8 | 19.11 | 65.4 | 17.67 | 60.3 | 16.29 | 57.6 | 15.60 | 55.2 | 14.91 | 49.8 | 13.56 | 44.7 | 12.24 |
| | 2.0 | 1.0 | 70.8 | 18.30 | 65.4 | 16.95 | 60.3 | 15.63 | 57.6 | 14.97 | 55.2 | 14.31 | 49.8 | 13.02 | 44.7 | 11.73 |
| | 5.0 | 4.0 | 70.8 | 17.19 | 65.4 | 15.93 | 60.3 | 14.70 | 57.6 | 14.07 | 55.2 | 13.47 | 49.8 | 12.27 | 44.7 | 11.07 |
| | 7.0 | 6.0 | 70.8 | 16.50 | 65.4 | 15.30 | 60.3 | 14.10 | 57.6 | 13.53 | 55.2 | 12.93 | 49.8 | 11.79 | 44.7 | 10.65 |
| | 9.0 | 7.8 | 70.8 | 15.93 | 65.4 | 14.76 | 60.3 | 13.62 | 57.6 | 13.05 | 55.2 | 12.48 | 49.8 | 11.37 | 44.7 | 10.29 |
| | 12.0 | 10.6 | 70.8 | 15.06 | 65.4 | 13.95 | 60.3 | 12.90 | 57.6 | 12.36 | 55.2 | 11.82 | 49.8 | 10.80 | 44.7 | 9.75 |
| | 15.0 | 13.5 | 70.8 | 14.22 | 65.4 | 13.20 | 60.3 | 12.18 | 57.6 | 11.67 | 55.2 | 11.19 | 49.8 | 10.20 | 44.7 | 9.24 |

MODEL SELECTION

| Heating capacity at rated condition: 112.5 kW (36HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 50.3 (50%) | -20.0 | -20.7 | 56.4 | 24.36 | 54.6 | 23.82 | 50.3 | 21.90 | 48.0 | 20.97 | 45.9 | 20.04 | 41.4 | 18.15 | 37.2 | 16.32 |
| | -15.0 | -16.0 | 59.1 | 22.59 | 54.6 | 20.91 | 50.3 | 19.26 | 48.0 | 18.42 | 45.9 | 17.61 | 41.4 | 15.99 | 37.2 | 14.40 |
| | -12.0 | -13.0 | 59.1 | 20.91 | 54.6 | 19.38 | 50.3 | 17.85 | 48.0 | 17.10 | 45.9 | 16.35 | 41.4 | 14.85 | 37.2 | 13.41 |
| | -9.0 | -10.0 | 59.1 | 19.47 | 54.6 | 18.03 | 50.3 | 16.62 | 48.0 | 15.93 | 45.9 | 15.24 | 41.4 | 13.86 | 37.2 | 12.51 |
| | -7.0 | -8.0 | 59.1 | 18.57 | 54.6 | 17.22 | 50.3 | 15.90 | 48.0 | 15.21 | 45.9 | 14.58 | 41.4 | 13.26 | 37.2 | 11.97 |
| | -5.0 | -6.0 | 59.1 | 17.76 | 54.6 | 16.47 | 50.3 | 15.21 | 48.0 | 14.58 | 45.9 | 13.95 | 41.4 | 12.69 | 37.2 | 11.49 |
| | -3.0 | -4.0 | 59.1 | 17.01 | 54.6 | 15.78 | 50.3 | 14.55 | 48.0 | 13.95 | 45.9 | 13.35 | 41.4 | 12.18 | 37.2 | 11.01 |
| | -1.0 | -2.0 | 59.1 | 16.29 | 54.6 | 15.12 | 50.3 | 13.95 | 48.0 | 13.38 | 45.9 | 12.81 | 41.4 | 11.70 | 37.2 | 10.59 |
| | 0.0 | -1.0 | 59.1 | 15.93 | 54.6 | 14.79 | 50.3 | 13.68 | 48.0 | 13.11 | 45.9 | 12.57 | 41.4 | 11.46 | 37.2 | 10.38 |
| | 2.0 | 1.0 | 59.1 | 15.30 | 54.6 | 14.19 | 50.3 | 13.14 | 48.0 | 12.60 | 45.9 | 12.06 | 41.4 | 11.01 | 37.2 | 9.96 |
| | 5.0 | 4.0 | 59.1 | 14.40 | 54.6 | 13.38 | 50.3 | 12.36 | 48.0 | 11.85 | 45.9 | 11.37 | 41.4 | 10.38 | 37.2 | 9.42 |
| | 7.0 | 6.0 | 59.1 | 13.83 | 54.6 | 12.84 | 50.3 | 11.88 | 48.0 | 11.40 | 45.9 | 10.95 | 41.4 | 9.99 | 37.2 | 9.06 |
| | 9.0 | 7.8 | 59.1 | 13.35 | 54.6 | 12.39 | 50.3 | 11.49 | 48.0 | 11.01 | 45.9 | 10.56 | 41.4 | 9.66 | 37.2 | 8.76 |
| | 12.0 | 10.6 | 59.1 | 12.63 | 54.6 | 11.73 | 50.3 | 10.89 | 48.0 | 10.44 | 45.9 | 10.02 | 41.4 | 9.18 | 37.2 | 8.34 |
| | 15.0 | 13.5 | 59.1 | 11.94 | 54.6 | 11.10 | 50.3 | 10.29 | 48.0 | 9.90 | 45.9 | 9.48 | 41.4 | 8.70 | 37.2 | 7.92 |

# ■ Model: AJ∗342GALDH

| Heating capacity at rated condition: 119.0 kW (38HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 159.7 (150%) | -20.0 | -20.7 | 66.9 | 23.26 | 66.2 | 23.50 | 65.6 | 23.74 | 65.2 | 23.86 | 64.9 | 23.98 | 64.3 | 24.22 | 63.7 | 24.48 |
| | -15.0 | -16.0 | 77.2 | 24.15 | 76.6 | 24.44 | 76.0 | 24.74 | 75.7 | 24.89 | 75.4 | 25.04 | 74.9 | 25.33 | 74.3 | 25.64 |
| | -12.0 | -13.0 | 84.2 | 24.71 | 83.6 | 25.03 | 83.1 | 25.36 | 82.8 | 25.52 | 82.5 | 25.69 | 82.0 | 26.02 | 81.4 | 26.35 |
| | -9.0 | -10.0 | 91.5 | 25.26 | 90.9 | 25.62 | 90.4 | 25.97 | 90.0 | 26.15 | 89.8 | 26.33 | 89.3 | 26.70 | 88.6 | 27.06 |
| | -7.0 | -8.0 | 96.5 | 25.62 | 95.9 | 26.00 | 95.3 | 26.37 | 95.0 | 26.58 | 94.8 | 26.76 | 94.2 | 27.14 | 93.5 | 27.52 |
| | -5.0 | -6.0 | 101.6 | 25.99 | 101.0 | 26.38 | 100.4 | 26.78 | 100.1 | 26.98 | 99.8 | 27.18 | 99.2 | 27.58 | 98.7 | 27.98 |
| | -3.0 | -4.0 | 106.7 | 26.36 | 106.1 | 26.76 | 105.5 | 27.18 | 105.2 | 27.39 | 105.0 | 27.59 | 104.4 | 28.02 | 103.6 | 28.44 |
| | -1.0 | -2.0 | 112.0 | 26.72 | 111.3 | 27.15 | 110.7 | 27.58 | 110.4 | 27.80 | 110.1 | 28.01 | 109.4 | 28.45 | 108.7 | 28.88 |
| | 0.0 | -1.0 | 114.6 | 26.89 | 114.0 | 27.34 | 113.3 | 27.78 | 113.0 | 28.00 | 112.6 | 28.22 | 112.0 | 28.66 | 111.4 | 29.11 |
| | 2.0 | 1.0 | 120.0 | 27.25 | 119.2 | 27.71 | 118.6 | 28.16 | 118.3 | 28.39 | 117.9 | 28.62 | 117.2 | 29.08 | 116.0 | 29.40 |
| | 5.0 | 4.0 | 128.1 | 27.77 | 127.3 | 28.25 | 126.6 | 28.73 | 126.2 | 28.98 | 125.8 | 29.21 | 124.9 | 29.71 | 121.1 | 29.21 |
| | 7.0 | 6.0 | 133.5 | 28.12 | 132.7 | 28.62 | 131.9 | 29.11 | 131.5 | 29.35 | 131.1 | 29.61 | 129.1 | 29.77 | 123.1 | 28.68 |
| | 9.0 | 7.8 | 138.5 | 28.43 | 137.6 | 28.93 | 136.7 | 29.44 | 136.2 | 29.69 | 135.9 | 29.95 | 132.6 | 29.75 | 123.1 | 27.61 |
| | 12.0 | 10.6 | 146.1 | 28.90 | 145.1 | 29.43 | 144.2 | 29.95 | 143.5 | 30.13 | 141.6 | 30.01 | 135.4 | 28.94 | 123.1 | 26.02 |
| | 15.0 | 13.5 | 154.0 | 29.38 | 153.0 | 29.92 | 151.0 | 30.18 | 149.1 | 30.07 | 147.2 | 29.97 | 135.4 | 27.24 | 123.1 | 24.51 |
| 149.1 (140%) | -20.0 | -20.7 | 66.6 | 23.36 | 66.0 | 23.60 | 65.3 | 23.84 | 65.1 | 23.96 | 64.7 | 24.08 | 64.1 | 24.32 | 63.4 | 24.56 |
| | -15.0 | -16.0 | 77.0 | 24.27 | 76.3 | 24.57 | 75.8 | 24.87 | 75.5 | 25.02 | 75.2 | 25.17 | 74.7 | 25.46 | 74.0 | 25.76 |
| | -12.0 | -13.0 | 83.9 | 24.86 | 83.4 | 25.20 | 82.8 | 25.52 | 82.5 | 25.68 | 82.2 | 25.84 | 81.7 | 26.17 | 81.1 | 26.52 |
| | -9.0 | -10.0 | 91.2 | 25.44 | 90.7 | 25.81 | 90.1 | 26.16 | 89.7 | 26.34 | 89.5 | 26.52 | 89.0 | 26.88 | 88.4 | 27.25 |
| | -7.0 | -8.0 | 96.2 | 25.84 | 95.6 | 26.21 | 95.0 | 26.59 | 94.8 | 26.77 | 94.5 | 26.96 | 93.8 | 27.35 | 93.3 | 27.73 |
| | -5.0 | -6.0 | 101.1 | 26.22 | 100.6 | 26.61 | 100.0 | 27.02 | 99.8 | 27.22 | 99.5 | 27.41 | 98.9 | 27.81 | 98.3 | 28.21 |
| | -3.0 | -4.0 | 106.3 | 26.61 | 105.7 | 27.02 | 105.1 | 27.44 | 104.8 | 27.65 | 104.5 | 27.85 | 103.9 | 28.28 | 103.3 | 28.69 |
| | -1.0 | -2.0 | 111.6 | 27.00 | 110.9 | 27.42 | 110.3 | 27.86 | 110.0 | 28.07 | 109.6 | 28.29 | 109.0 | 28.73 | 107.9 | 29.02 |
| | 0.0 | -1.0 | 114.2 | 27.19 | 113.5 | 27.63 | 112.9 | 28.07 | 112.6 | 28.29 | 112.3 | 28.51 | 111.5 | 28.96 | 109.8 | 29.03 |
| | 2.0 | 1.0 | 119.5 | 27.56 | 118.8 | 28.02 | 118.1 | 28.48 | 117.8 | 28.71 | 117.4 | 28.94 | 116.7 | 29.40 | 112.9 | 28.84 |
| | 5.0 | 4.0 | 127.5 | 28.13 | 126.7 | 28.62 | 126.0 | 29.10 | 125.5 | 29.33 | 125.2 | 29.58 | 122.5 | 29.44 | 115.0 | 27.73 |
| | 7.0 | 6.0 | 132.9 | 28.51 | 132.0 | 29.00 | 131.2 | 29.50 | 130.8 | 29.74 | 129.7 | 29.75 | 125.6 | 29.26 | 115.0 | 26.55 |
| | 9.0 | 7.8 | 137.7 | 28.84 | 136.9 | 29.34 | 136.0 | 29.84 | 134.8 | 29.87 | 133.1 | 29.75 | 126.3 | 28.40 | 115.0 | 25.57 |
| | 12.0 | 10.6 | 145.2 | 29.34 | 144.3 | 29.87 | 141.9 | 29.97 | 140.3 | 29.86 | 137.7 | 29.51 | 126.3 | 26.77 | 115.0 | 24.11 |
| | 15.0 | 13.5 | 153.1 | 29.86 | 151.1 | 30.12 | 147.6 | 29.95 | 143.5 | 29.10 | 137.7 | 27.78 | 126.3 | 25.20 | 115.0 | 22.71 |
| 138.4 (130%) | -20.0 | -20.7 | 66.3 | 23.47 | 65.7 | 23.71 | 65.0 | 23.94 | 64.7 | 24.07 | 64.4 | 24.18 | 63.8 | 24.43 | 63.2 | 24.68 |
| | -15.0 | -16.0 | 76.6 | 24.44 | 76.0 | 24.72 | 75.5 | 25.01 | 75.2 | 25.16 | 74.9 | 25.32 | 74.3 | 25.62 | 73.7 | 25.91 |
| | -12.0 | -13.0 | 83.5 | 25.05 | 83.0 | 25.38 | 82.5 | 25.70 | 82.2 | 25.86 | 81.8 | 26.02 | 81.4 | 26.36 | 80.8 | 26.70 |
| | -9.0 | -10.0 | 90.8 | 25.66 | 90.3 | 26.02 | 89.7 | 26.38 | 89.5 | 26.56 | 89.1 | 26.73 | 88.5 | 27.10 | 88.1 | 27.47 |
| | -7.0 | -8.0 | 95.8 | 26.08 | 95.2 | 26.45 | 94.6 | 26.83 | 94.3 | 27.02 | 94.1 | 27.21 | 93.5 | 27.59 | 93.0 | 27.98 |
| | -5.0 | -6.0 | 100.8 | 26.49 | 100.3 | 26.88 | 99.6 | 27.28 | 99.3 | 27.49 | 99.0 | 27.68 | 98.4 | 28.09 | 97.9 | 28.48 |
| | -3.0 | -4.0 | 105.9 | 26.91 | 105.3 | 27.32 | 104.7 | 27.73 | 104.3 | 27.94 | 104.0 | 28.14 | 103.5 | 28.57 | 101.7 | 28.59 |
| | -1.0 | -2.0 | 111.1 | 27.31 | 110.4 | 27.75 | 109.8 | 28.18 | 109.5 | 28.40 | 109.2 | 28.62 | 108.5 | 29.03 | 104.7 | 28.40 |
| | 0.0 | -1.0 | 113.8 | 27.52 | 113.0 | 27.96 | 112.4 | 28.41 | 112.1 | 28.63 | 111.8 | 28.85 | 110.4 | 29.04 | 105.8 | 28.17 |
| | 2.0 | 1.0 | 118.9 | 27.93 | 118.2 | 28.39 | 117.5 | 28.84 | 117.1 | 29.07 | 116.8 | 29.30 | 114.1 | 29.07 | 106.8 | 27.30 |
| | 5.0 | 4.0 | 126.8 | 28.54 | 126.1 | 29.03 | 125.3 | 29.50 | 124.4 | 29.56 | 122.8 | 29.42 | 117.3 | 28.35 | 106.8 | 25.56 |
| | 7.0 | 6.0 | 132.1 | 28.94 | 131.3 | 29.44 | 129.7 | 29.69 | 128.2 | 29.57 | 126.6 | 29.45 | 117.3 | 27.17 | 106.8 | 24.49 |
| | 9.0 | 7.8 | 136.9 | 29.31 | 136.0 | 29.81 | 133.2 | 29.71 | 131.6 | 29.59 | 127.9 | 28.79 | 117.3 | 26.14 | 106.8 | 23.58 |
| | 12.0 | 10.6 | 144.4 | 29.86 | 141.8 | 29.90 | 138.3 | 29.62 | 133.2 | 28.40 | 127.9 | 27.13 | 117.3 | 24.66 | 106.8 | 22.25 |
| | 15.0 | 13.5 | 150.7 | 30.03 | 147.4 | 29.89 | 138.4 | 27.95 | 133.2 | 26.73 | 127.9 | 25.55 | 117.3 | 23.21 | 106.8 | 20.95 |
| 127.8 (120%) | -20.0 | -20.7 | 66.1 | 23.59 | 65.4 | 23.82 | 64.7 | 24.06 | 64.4 | 24.19 | 64.0 | 24.30 | 63.5 | 24.55 | 62.9 | 24.80 |
| | -15.0 | -16.0 | 76.2 | 24.60 | 75.6 | 24.90 | 75.1 | 25.19 | 74.8 | 25.34 | 74.5 | 25.49 | 73.9 | 25.78 | 73.4 | 26.09 |
| | -12.0 | -13.0 | 83.3 | 25.26 | 82.6 | 25.59 | 82.1 | 25.91 | 81.8 | 26.08 | 81.6 | 26.24 | 80.9 | 26.57 | 80.5 | 26.91 |
| | -9.0 | -10.0 | 90.4 | 25.92 | 89.8 | 26.28 | 89.3 | 26.62 | 89.1 | 26.81 | 88.8 | 26.99 | 88.1 | 27.36 | 87.6 | 27.71 |
| | -7.0 | -8.0 | 95.3 | 26.35 | 94.8 | 26.73 | 94.2 | 27.12 | 94.0 | 27.30 | 93.6 | 27.50 | 93.0 | 27.87 | 92.0 | 28.06 |
| | -5.0 | -6.0 | 100.3 | 26.80 | 99.7 | 27.19 | 99.2 | 27.60 | 98.9 | 27.79 | 98.6 | 27.99 | 97.9 | 28.39 | 95.5 | 28.11 |
| | -3.0 | -4.0 | 105.5 | 27.24 | 104.8 | 27.65 | 104.2 | 28.07 | 103.8 | 28.28 | 103.5 | 28.50 | 102.0 | 28.57 | 97.7 | 27.66 |
| | -1.0 | -2.0 | 110.4 | 27.69 | 109.8 | 28.12 | 109.2 | 28.55 | 108.9 | 28.77 | 108.5 | 28.97 | 105.7 | 28.64 | 98.5 | 26.76 |
| | 0.0 | -1.0 | 113.1 | 27.91 | 112.4 | 28.35 | 111.8 | 28.79 | 111.4 | 29.01 | 110.4 | 28.98 | 107.1 | 28.51 | 98.5 | 26.16 |
| | 2.0 | 1.0 | 118.3 | 28.36 | 117.6 | 28.80 | 116.9 | 29.26 | 115.5 | 29.17 | 114.1 | 29.03 | 108.3 | 27.72 | 98.5 | 25.02 |
| | 5.0 | 4.0 | 126.1 | 29.02 | 125.3 | 29.50 | 122.6 | 29.35 | 121.2 | 29.25 | 118.0 | 28.55 | 108.3 | 25.96 | 98.5 | 23.44 |
| | 7.0 | 6.0 | 131.3 | 29.46 | 129.4 | 29.59 | 126.4 | 29.41 | 123.0 | 28.62 | 118.0 | 27.35 | 108.3 | 24.88 | 98.5 | 22.46 |
| | 9.0 | 7.8 | 135.8 | 29.78 | 132.8 | 29.62 | 127.8 | 28.77 | 123.0 | 27.54 | 118.0 | 26.32 | 108.3 | 23.95 | 98.5 | 21.63 |
| | 12.0 | 10.6 | 141.2 | 29.80 | 137.3 | 29.37 | 127.8 | 27.11 | 123.0 | 25.97 | 118.0 | 24.83 | 108.3 | 22.59 | 98.5 | 20.42 |
| | 15.0 | 13.5 | 146.1 | 29.61 | 137.6 | 27.74 | 127.8 | 25.53 | 123.0 | 24.46 | 118.0 | 23.37 | 108.3 | 21.28 | 98.5 | 19.24 |
| 117.1 (110%) | -20.0 | -20.7 | 65.6 | 23.73 | 64.9 | 23.97 | 64.3 | 24.21 | 64.0 | 24.32 | 63.7 | 24.44 | 63.0 | 24.70 | 62.5 | 24.94 |
| | -15.0 | -16.0 | 75.9 | 24.81 | 75.2 | 25.11 | 74.7 | 25.40 | 74.5 | 25.54 | 74.1 | 25.69 | 73.6 | 25.99 | 73.0 | 26.29 |
| | -12.0 | -13.0 | 82.8 | 25.51 | 82.2 | 25.83 | 81.7 | 26.16 | 81.3 | 26.33 | 81.1 | 26.49 | 80.5 | 26.82 | 80.0 | 27.14 |
| | -9.0 | -10.0 | 89.9 | 26.22 | 89.3 | 26.57 | 88.8 | 26.93 | 88.6 | 27.10 | 88.3 | 27.29 | 87.7 | 27.65 | 85.9 | 27.53 |
| | -7.0 | -8.0 | 94.8 | 26.69 | 94.3 | 27.07 | 93.7 | 27.45 | 93.5 | 27.63 | 93.1 | 27.82 | 92.0 | 28.01 | 88.5 | 27.28 |
| | -5.0 | -6.0 | 99.8 | 27.16 | 99.2 | 27.56 | 98.6 | 27.96 | 98.4 | 28.16 | 98.1 | 28.35 | 95.6 | 28.09 | 90.3 | 26.72 |
| | -3.0 | -4.0 | 104.7 | 27.64 | 104.1 | 28.06 | 103.6 | 28.47 | 103.2 | 28.65 | 101.9 | 28.49 | 98.4 | 27.89 | 90.3 | 25.50 |
| | -1.0 | -2.0 | 109.9 | 28.14 | 109.2 | 28.56 | 108.1 | 28.84 | 106.9 | 28.70 | 105.5 | 28.57 | 99.2 | 26.97 | 90.3 | 24.36 |
| | 0.0 | -1.0 | 112.3 | 28.38 | 111.7 | 28.81 | 110.0 | 28.87 | 108.6 | 28.74 | 107.2 | 28.59 | 99.2 | 26.37 | 90.3 | 23.83 |
| | 2.0 | 1.0 | 117.5 | 28.85 | 116.4 | 29.15 | 113.7 | 28.94 | 112.2 | 28.80 | 108.2 | 27.70 | 99.2 | 25.22 | 90.3 | 22.80 |
| | 5.0 | 4.0 | 124.7 | 29.42 | 122.0 | 29.24 | 117.1 | 28.31 | 112.6 | 27.12 | 108.2 | 25.94 | 99.2 | 23.63 | 90.3 | 21.38 |
| | 7.0 | 6.0 | 128.5 | 29.47 | 125.5 | 29.25 | 117.1 | 27.11 | 112.6 | 25.99 | 108.2 | 24.86 | 99.2 | 22.64 | 90.3 | 20.49 |
| | 9.0 | 7.8 | 131.9 | 29.51 | 126.1 | 28.34 | 117.1 | 26.11 | 112.6 | 25.01 | 108.2 | 23.92 | 99.2 | 21.80 | 90.3 | 19.73 |
| | 12.0 | 10.6 | 135.1 | 28.85 | 126.1 | 26.71 | 117.1 | 24.61 | 112.6 | 23.59 | 108.2 | 22.58 | 99.2 | 20.58 | 90.3 | 18.62 |
| | 15.0 | 13.5 | 135.1 | 27.16 | 126.1 | 25.15 | 117.1 | 23.18 | 112.6 | 22.22 | 108.2 | 21.26 | 99.2 | 19.39 | 90.3 | 17.56 |

MODEL SELECTION

**Heating capacity at rated condition: 119.0 kW (38HP)**

| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 106.5 (100%) | -20.0 | -20.7 | 65.0 | 23.90 | 64.5 | 24.14 | 63.9 | 24.38 | 63.5 | 24.50 | 63.2 | 24.62 | 62.7 | 24.86 | 62.1 | 25.11 |
| | -15.0 | -16.0 | 75.4 | 25.06 | 74.9 | 25.35 | 74.2 | 25.64 | 73.9 | 25.79 | 73.7 | 25.94 | 73.1 | 26.23 | 72.6 | 26.54 |
| | -12.0 | -13.0 | 82.3 | 25.80 | 81.7 | 26.13 | 81.1 | 26.46 | 80.9 | 26.62 | 80.7 | 26.79 | 80.0 | 27.12 | 78.2 | 26.89 |
| | -9.0 | -10.0 | 89.3 | 26.56 | 88.8 | 26.92 | 88.3 | 27.28 | 88.0 | 27.46 | 87.8 | 27.64 | 85.7 | 27.44 | 81.6 | 26.36 |
| | -7.0 | -8.0 | 94.2 | 27.08 | 93.6 | 27.46 | 93.1 | 27.84 | 92.8 | 28.03 | 91.6 | 27.88 | 88.8 | 27.37 | 82.2 | 25.33 |
| | -5.0 | -6.0 | 99.1 | 27.60 | 98.4 | 28.00 | 97.6 | 28.27 | 96.4 | 28.12 | 95.2 | 27.98 | 90.3 | 26.70 | 82.2 | 24.14 |
| | -3.0 | -4.0 | 104.0 | 28.13 | 103.5 | 28.53 | 101.2 | 28.35 | 100.0 | 28.23 | 98.1 | 27.84 | 90.3 | 25.47 | 82.2 | 23.05 |
| | -1.0 | -2.0 | 109.0 | 28.66 | 107.3 | 28.67 | 104.9 | 28.46 | 102.4 | 27.89 | 98.4 | 26.70 | 90.3 | 24.34 | 82.2 | 22.03 |
| | 0.0 | -1.0 | 111.5 | 28.92 | 109.1 | 28.71 | 106.5 | 28.45 | 102.4 | 27.28 | 98.4 | 26.10 | 90.3 | 23.80 | 82.2 | 21.54 |
| | 2.0 | 1.0 | 115.2 | 28.98 | 112.8 | 28.82 | 106.5 | 27.21 | 102.4 | 26.09 | 98.4 | 24.98 | 90.3 | 22.78 | 82.2 | 20.64 |
| | 5.0 | 4.0 | 120.8 | 29.13 | 114.6 | 27.63 | 106.5 | 25.50 | 102.4 | 24.45 | 98.4 | 23.40 | 90.3 | 21.35 | 82.2 | 19.35 |
| | 7.0 | 6.0 | 122.7 | 28.57 | 114.6 | 26.48 | 106.5 | 24.43 | 102.4 | 23.43 | 98.4 | 22.43 | 90.3 | 20.46 | 82.2 | 18.54 |
| | 9.0 | 7.8 | 122.7 | 27.49 | 114.6 | 25.49 | 106.5 | 23.52 | 102.4 | 22.55 | 98.4 | 21.60 | 90.3 | 19.71 | 82.2 | 17.88 |
| | 12.0 | 10.6 | 122.7 | 25.92 | 114.6 | 24.03 | 106.5 | 22.18 | 102.4 | 21.28 | 98.4 | 20.38 | 90.3 | 18.60 | 82.2 | 16.87 |
| | 15.0 | 13.5 | 122.7 | 24.41 | 114.6 | 22.64 | 106.5 | 20.90 | 102.4 | 20.05 | 98.4 | 19.21 | 90.3 | 17.54 | 82.2 | 15.92 |
| 95.8 (90%) | -20.0 | -20.7 | 64.6 | 24.11 | 63.9 | 24.35 | 63.3 | 24.59 | 63.1 | 24.71 | 62.7 | 24.82 | 62.2 | 25.07 | 61.6 | 25.32 |
| | -15.0 | -16.0 | 74.8 | 25.35 | 74.3 | 25.64 | 73.7 | 25.94 | 73.4 | 26.09 | 73.1 | 26.23 | 72.5 | 26.52 | 70.5 | 26.17 |
| | -12.0 | -13.0 | 81.5 | 26.16 | 81.1 | 26.49 | 80.5 | 26.82 | 80.2 | 26.98 | 79.9 | 27.11 | 77.7 | 26.75 | 73.6 | 25.55 |
| | -9.0 | -10.0 | 88.8 | 26.99 | 88.1 | 27.36 | 87.3 | 27.58 | 86.2 | 27.43 | 85.1 | 27.29 | 81.2 | 26.30 | 73.9 | 23.82 |
| | -7.0 | -8.0 | 93.4 | 27.56 | 93.0 | 27.94 | 90.8 | 27.69 | 89.6 | 27.57 | 87.9 | 27.18 | 81.2 | 25.03 | 73.9 | 22.68 |
| | -5.0 | -6.0 | 98.3 | 28.13 | 96.5 | 28.05 | 94.3 | 27.83 | 92.2 | 27.31 | 88.5 | 26.16 | 81.2 | 23.87 | 73.9 | 21.64 |
| | -3.0 | -4.0 | 102.3 | 28.36 | 100.1 | 28.18 | 95.8 | 27.19 | 92.2 | 26.07 | 88.5 | 24.96 | 81.2 | 22.79 | 73.9 | 20.66 |
| | -1.0 | -2.0 | 105.9 | 28.48 | 103.2 | 28.11 | 95.8 | 25.96 | 92.2 | 24.90 | 88.5 | 23.86 | 81.2 | 21.78 | 73.9 | 19.75 |
| | 0.0 | -1.0 | 107.8 | 28.55 | 103.2 | 27.49 | 95.8 | 25.38 | 92.2 | 24.35 | 88.5 | 23.32 | 81.2 | 21.30 | 73.9 | 19.33 |
| | 2.0 | 1.0 | 110.5 | 28.32 | 103.2 | 26.29 | 95.8 | 24.29 | 92.2 | 23.30 | 88.5 | 22.32 | 81.2 | 20.39 | 73.9 | 18.50 |
| | 5.0 | 4.0 | 110.5 | 26.54 | 103.2 | 24.64 | 95.8 | 22.76 | 92.2 | 21.84 | 88.5 | 20.93 | 81.2 | 19.13 | 73.9 | 17.36 |
| | 7.0 | 6.0 | 110.5 | 25.43 | 103.2 | 23.61 | 95.8 | 21.81 | 92.2 | 20.93 | 88.5 | 20.06 | 81.2 | 18.35 | 73.9 | 16.66 |
| | 9.0 | 7.8 | 110.5 | 24.48 | 103.2 | 22.72 | 95.8 | 21.01 | 92.2 | 20.17 | 88.5 | 19.33 | 81.2 | 17.67 | 73.9 | 16.06 |
| | 12.0 | 10.6 | 110.5 | 23.09 | 103.2 | 21.44 | 95.8 | 19.83 | 92.2 | 19.03 | 88.5 | 18.24 | 81.2 | 16.69 | 73.9 | 15.16 |
| | 15.0 | 13.5 | 110.5 | 21.75 | 103.2 | 20.21 | 95.8 | 18.69 | 92.2 | 17.94 | 88.5 | 17.20 | 81.2 | 15.74 | 73.9 | 14.32 |
| 85.2 (80%) | -20.0 | -20.7 | 63.8 | 24.36 | 63.3 | 24.60 | 62.7 | 24.84 | 62.4 | 24.97 | 62.1 | 25.09 | 61.5 | 25.33 | 60.3 | 25.25 |
| | -15.0 | -16.0 | 74.0 | 25.72 | 73.5 | 26.02 | 72.9 | 26.30 | 72.6 | 26.45 | 71.9 | 26.34 | 69.8 | 25.99 | 65.6 | 24.64 |
| | -12.0 | -13.0 | 80.9 | 26.61 | 80.3 | 26.93 | 78.8 | 26.84 | 77.9 | 26.69 | 76.8 | 26.56 | 72.2 | 25.08 | 65.7 | 22.75 |
| | -9.0 | -10.0 | 87.9 | 27.53 | 85.9 | 27.31 | 83.9 | 27.09 | 81.9 | 26.55 | 78.7 | 25.44 | 72.2 | 23.25 | 65.7 | 21.08 |
| | -7.0 | -8.0 | 91.3 | 27.67 | 89.4 | 27.48 | 85.2 | 26.34 | 81.9 | 25.27 | 78.7 | 24.22 | 72.2 | 22.14 | 65.7 | 20.10 |
| | -5.0 | -6.0 | 94.9 | 27.82 | 91.7 | 27.17 | 85.2 | 25.11 | 81.9 | 24.09 | 78.7 | 23.09 | 72.2 | 21.12 | 65.7 | 19.17 |
| | -3.0 | -4.0 | 98.0 | 27.86 | 91.7 | 25.92 | 85.2 | 23.96 | 81.9 | 23.00 | 78.7 | 22.05 | 72.2 | 20.16 | 65.7 | 18.32 |
| | -1.0 | -2.0 | 98.2 | 26.65 | 91.7 | 24.76 | 85.2 | 22.91 | 81.9 | 21.99 | 78.7 | 21.08 | 72.2 | 19.29 | 65.7 | 17.52 |
| | 0.0 | -1.0 | 98.2 | 26.06 | 91.7 | 24.21 | 85.2 | 22.41 | 81.9 | 21.50 | 78.7 | 20.62 | 72.2 | 18.87 | 65.7 | 17.14 |
| | 2.0 | 1.0 | 98.2 | 24.93 | 91.7 | 23.17 | 85.2 | 21.43 | 81.9 | 20.58 | 78.7 | 19.74 | 72.2 | 18.07 | 65.7 | 16.42 |
| | 5.0 | 4.0 | 98.2 | 23.36 | 91.7 | 21.71 | 85.2 | 20.10 | 81.9 | 19.31 | 78.7 | 18.51 | 72.2 | 16.96 | 65.7 | 15.43 |
| | 7.0 | 6.0 | 98.2 | 22.38 | 91.7 | 20.81 | 85.2 | 19.27 | 81.9 | 18.52 | 78.7 | 17.76 | 72.2 | 16.27 | 65.7 | 14.81 |
| | 9.0 | 7.8 | 98.2 | 21.55 | 91.7 | 20.05 | 85.2 | 18.57 | 81.9 | 17.83 | 78.7 | 17.11 | 72.2 | 15.68 | 65.7 | 14.28 |
| | 12.0 | 10.6 | 98.2 | 20.35 | 91.7 | 18.92 | 85.2 | 17.53 | 81.9 | 16.85 | 78.7 | 16.17 | 72.2 | 14.82 | 65.7 | 13.50 |
| | 15.0 | 13.5 | 98.2 | 19.17 | 91.7 | 17.84 | 85.2 | 16.52 | 81.9 | 15.89 | 78.7 | 15.25 | 72.2 | 13.99 | 65.7 | 12.74 |
| 74.5 (70%) | -20.0 | -20.7 | 63.0 | 24.69 | 62.5 | 24.93 | 61.9 | 25.18 | 61.6 | 25.29 | 61.2 | 25.36 | 59.4 | 24.97 | 56.2 | 23.93 |
| | -15.0 | -16.0 | 73.1 | 26.18 | 72.2 | 26.30 | 70.4 | 26.00 | 69.6 | 25.87 | 67.9 | 25.41 | 63.2 | 23.69 | 57.4 | 21.51 |
| | -12.0 | -13.0 | 78.9 | 26.76 | 77.2 | 26.53 | 74.5 | 25.93 | 71.7 | 24.91 | 68.8 | 23.89 | 63.2 | 21.85 | 57.4 | 19.85 |
| | -9.0 | -10.0 | 84.0 | 27.04 | 80.3 | 25.96 | 74.5 | 24.03 | 71.7 | 23.07 | 68.8 | 22.13 | 63.2 | 20.26 | 57.4 | 18.43 |
| | -7.0 | -8.0 | 85.9 | 26.58 | 80.2 | 24.71 | 74.5 | 22.88 | 71.7 | 21.98 | 68.8 | 21.08 | 63.2 | 19.31 | 57.4 | 17.56 |
| | -5.0 | -6.0 | 85.9 | 25.34 | 80.2 | 23.57 | 74.5 | 21.83 | 71.7 | 20.97 | 68.8 | 20.12 | 63.2 | 18.42 | 57.4 | 16.78 |
| | -3.0 | -4.0 | 85.9 | 24.18 | 80.3 | 22.50 | 74.5 | 20.84 | 71.7 | 20.03 | 68.8 | 19.21 | 63.2 | 17.61 | 57.4 | 16.03 |
| | -1.0 | -2.0 | 85.9 | 23.12 | 80.2 | 21.51 | 74.5 | 19.93 | 71.7 | 19.15 | 68.8 | 18.38 | 63.2 | 16.85 | 57.4 | 15.35 |
| | 0.0 | -1.0 | 85.9 | 22.61 | 80.2 | 21.04 | 74.5 | 19.51 | 71.7 | 18.74 | 68.8 | 17.99 | 63.2 | 16.50 | 57.4 | 15.03 |
| | 2.0 | 1.0 | 85.9 | 21.63 | 80.2 | 20.14 | 74.5 | 18.67 | 71.7 | 17.94 | 68.8 | 17.23 | 63.2 | 15.80 | 57.4 | 14.41 |
| | 5.0 | 4.0 | 85.9 | 20.28 | 80.2 | 18.88 | 74.5 | 17.53 | 71.7 | 16.84 | 68.8 | 16.18 | 63.2 | 14.84 | 57.4 | 13.53 |
| | 7.0 | 6.0 | 85.9 | 19.45 | 80.2 | 18.12 | 74.5 | 16.81 | 71.7 | 16.16 | 68.8 | 15.52 | 63.2 | 14.25 | 57.4 | 13.00 |
| | 9.0 | 7.8 | 85.9 | 18.74 | 80.2 | 17.46 | 74.5 | 16.20 | 71.7 | 15.58 | 68.8 | 14.96 | 63.2 | 13.74 | 57.4 | 12.55 |
| | 12.0 | 10.6 | 85.9 | 17.68 | 80.3 | 16.49 | 74.5 | 15.31 | 71.7 | 14.72 | 68.8 | 14.14 | 63.2 | 12.99 | 57.4 | 11.87 |
| | 15.0 | 13.5 | 85.9 | 16.67 | 80.2 | 15.55 | 74.5 | 14.45 | 71.7 | 13.89 | 68.8 | 13.35 | 63.2 | 12.28 | 57.4 | 11.22 |
| 63.9 (60%) | -20.0 | -20.7 | 61.9 | 25.12 | 61.1 | 25.21 | 59.5 | 24.91 | 58.7 | 24.75 | 57.6 | 24.44 | 54.1 | 23.23 | 49.3 | 21.12 |
| | -15.0 | -16.0 | 70.0 | 25.87 | 68.1 | 25.53 | 63.9 | 23.97 | 61.4 | 23.02 | 59.1 | 22.10 | 54.1 | 20.24 | 49.3 | 18.42 |
| | -12.0 | -13.0 | 73.7 | 25.61 | 68.7 | 23.86 | 63.9 | 22.11 | 61.4 | 21.25 | 59.1 | 20.39 | 54.1 | 18.69 | 49.3 | 17.03 |
| | -9.0 | -10.0 | 73.7 | 23.74 | 68.7 | 22.10 | 63.9 | 20.50 | 61.4 | 19.71 | 59.1 | 18.92 | 54.1 | 17.36 | 49.3 | 15.82 |
| | -7.0 | -8.0 | 73.7 | 22.61 | 68.7 | 21.05 | 63.9 | 19.54 | 61.4 | 18.78 | 59.1 | 18.04 | 54.1 | 16.55 | 49.3 | 15.09 |
| | -5.0 | -6.0 | 73.7 | 21.56 | 68.7 | 20.09 | 63.9 | 18.64 | 61.4 | 17.93 | 59.1 | 17.21 | 54.1 | 15.81 | 49.3 | 14.42 |
| | -3.0 | -4.0 | 73.7 | 20.58 | 68.7 | 19.20 | 63.9 | 17.82 | 61.4 | 17.14 | 59.1 | 16.46 | 54.1 | 15.12 | 49.3 | 13.81 |
| | -1.0 | -2.0 | 73.7 | 19.69 | 68.7 | 18.36 | 63.9 | 17.05 | 61.4 | 16.40 | 59.1 | 15.76 | 54.1 | 14.48 | 49.3 | 13.23 |
| | 0.0 | -1.0 | 73.7 | 19.27 | 68.7 | 17.96 | 63.9 | 16.69 | 61.4 | 16.05 | 59.1 | 15.42 | 54.1 | 14.18 | 49.3 | 12.96 |
| | 2.0 | 1.0 | 73.7 | 18.44 | 68.7 | 17.21 | 63.9 | 15.99 | 61.4 | 15.38 | 59.1 | 14.78 | 54.1 | 13.60 | 49.3 | 12.42 |
| | 5.0 | 4.0 | 73.7 | 17.31 | 68.7 | 16.16 | 63.9 | 15.01 | 61.4 | 14.45 | 59.1 | 13.90 | 54.1 | 12.79 | 49.3 | 11.69 |
| | 7.0 | 6.0 | 73.7 | 16.60 | 68.7 | 15.50 | 63.9 | 14.41 | 61.4 | 13.87 | 59.1 | 13.33 | 54.1 | 12.29 | 49.3 | 11.24 |
| | 9.0 | 7.8 | 73.7 | 16.01 | 68.7 | 14.95 | 63.9 | 13.90 | 61.4 | 13.39 | 59.1 | 12.87 | 54.1 | 11.84 | 49.3 | 10.85 |
| | 12.0 | 10.6 | 73.7 | 15.13 | 68.7 | 14.12 | 63.9 | 13.14 | 61.4 | 12.66 | 59.1 | 12.17 | 54.1 | 11.23 | 49.3 | 10.27 |
| | 15.0 | 13.5 | 73.7 | 14.28 | 68.7 | 13.34 | 63.9 | 12.42 | 61.4 | 11.95 | 59.1 | 11.51 | 54.1 | 10.60 | 49.3 | 9.72 |

| Heating capacity at rated condition: 119.0 kW (38HP) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 53.3 (50%) | -20.0 | -20.7 | 58.5 | 24.65 | 56.6 | 24.17 | 53.3 | 22.83 | 51.2 | 21.96 | 49.2 | 21.08 | 45.1 | 19.33 | 41.1 | 17.62 |
| | -15.0 | -16.0 | 61.4 | 22.99 | 57.3 | 21.44 | 53.3 | 19.91 | 51.2 | 19.14 | 49.2 | 18.39 | 45.1 | 16.89 | 41.1 | 15.41 |
| | -12.0 | -13.0 | 61.4 | 21.21 | 57.3 | 19.80 | 53.3 | 18.39 | 51.2 | 17.70 | 49.2 | 17.00 | 45.1 | 15.62 | 41.1 | 14.27 |
| | -9.0 | -10.0 | 61.4 | 19.69 | 57.3 | 18.37 | 53.3 | 17.07 | 51.2 | 16.43 | 49.2 | 15.80 | 45.1 | 14.53 | 41.1 | 13.28 |
| | -7.0 | -8.0 | 61.4 | 18.76 | 57.3 | 17.51 | 53.3 | 16.29 | 51.2 | 15.67 | 49.2 | 15.08 | 45.1 | 13.88 | 41.1 | 12.68 |
| | -5.0 | -6.0 | 61.4 | 17.91 | 57.3 | 16.72 | 53.3 | 15.56 | 51.2 | 14.98 | 49.2 | 14.41 | 45.1 | 13.26 | 41.1 | 12.15 |
| | -3.0 | -4.0 | 61.4 | 17.12 | 57.3 | 16.00 | 53.3 | 14.88 | 51.2 | 14.33 | 49.2 | 13.78 | 45.1 | 12.70 | 41.1 | 11.63 |
| | -1.0 | -2.0 | 61.4 | 16.39 | 57.3 | 15.31 | 53.3 | 14.25 | 51.2 | 13.73 | 49.2 | 13.21 | 45.1 | 12.18 | 41.1 | 11.15 |
| | 0.0 | -1.0 | 61.4 | 16.02 | 57.3 | 14.98 | 53.3 | 13.96 | 51.2 | 13.44 | 49.2 | 12.93 | 45.1 | 11.92 | 41.1 | 10.93 |
| | 2.0 | 1.0 | 61.4 | 15.36 | 57.3 | 14.36 | 53.3 | 13.39 | 51.2 | 12.89 | 49.2 | 12.40 | 45.1 | 11.44 | 41.1 | 10.49 |
| | 5.0 | 4.0 | 61.4 | 14.44 | 57.3 | 13.51 | 53.3 | 12.59 | 51.2 | 12.12 | 49.2 | 11.68 | 45.1 | 10.78 | 41.1 | 9.89 |
| | 7.0 | 6.0 | 61.4 | 13.86 | 57.3 | 12.97 | 53.3 | 12.09 | 51.2 | 11.66 | 49.2 | 11.23 | 45.1 | 10.36 | 41.1 | 9.51 |
| | 9.0 | 7.8 | 61.4 | 13.38 | 57.3 | 12.51 | 53.3 | 11.67 | 51.2 | 11.25 | 49.2 | 10.83 | 45.1 | 10.01 | 41.1 | 9.19 |
| | 12.0 | 10.6 | 61.4 | 12.64 | 57.3 | 11.84 | 53.3 | 11.06 | 51.2 | 10.65 | 49.2 | 10.26 | 45.1 | 9.49 | 41.1 | 8.73 |
| | 15.0 | 13.5 | 61.4 | 11.95 | 57.3 | 11.19 | 53.3 | 10.44 | 51.2 | 10.09 | 49.2 | 9.71 | 45.1 | 8.99 | 41.1 | 8.27 |

# ■ Model: AJ∗360GALDH

| Heating capacity at rated condition: 125.0 kW (40HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 168.0 (150%) | -20.0 | -20.7 | 67.0 | 23.83 | 66.4 | 24.10 | 65.7 | 24.37 | 65.4 | 24.51 | 65.0 | 24.65 | 64.5 | 24.92 | 63.9 | 25.22 |
| | -15.0 | -16.0 | 77.6 | 24.79 | 77.1 | 25.11 | 76.5 | 25.45 | 76.2 | 25.62 | 75.9 | 25.79 | 75.4 | 26.13 | 74.9 | 26.48 |
| | -12.0 | -13.0 | 84.9 | 25.38 | 84.3 | 25.74 | 83.8 | 26.12 | 83.5 | 26.30 | 83.3 | 26.50 | 82.7 | 26.86 | 82.2 | 27.24 |
| | -9.0 | -10.0 | 92.4 | 25.96 | 91.8 | 26.37 | 91.3 | 26.77 | 91.0 | 26.97 | 90.7 | 27.18 | 90.3 | 27.60 | 89.6 | 28.00 |
| | -7.0 | -8.0 | 97.5 | 26.34 | 97.0 | 26.77 | 96.4 | 27.19 | 96.1 | 27.43 | 96.0 | 27.64 | 95.4 | 28.07 | 94.7 | 28.49 |
| | -5.0 | -6.0 | 102.8 | 26.73 | 102.2 | 27.18 | 101.7 | 27.62 | 101.4 | 27.86 | 101.1 | 28.08 | 100.5 | 28.53 | 100.1 | 28.99 |
| | -3.0 | -4.0 | 108.1 | 27.12 | 107.5 | 27.58 | 107.0 | 28.05 | 106.6 | 28.29 | 106.5 | 28.51 | 105.9 | 29.00 | 105.2 | 29.47 |
| | -1.0 | -2.0 | 113.6 | 27.49 | 112.9 | 27.98 | 112.3 | 28.47 | 112.0 | 28.72 | 111.7 | 28.95 | 111.1 | 29.45 | 110.4 | 29.94 |
| | 0.0 | -1.0 | 116.3 | 27.68 | 115.7 | 28.18 | 115.1 | 28.68 | 114.7 | 28.93 | 114.4 | 29.18 | 113.8 | 29.68 | 113.2 | 30.18 |
| | 2.0 | 1.0 | 121.8 | 28.05 | 121.1 | 28.56 | 120.5 | 29.08 | 120.2 | 29.34 | 119.9 | 29.59 | 119.2 | 30.12 | 118.4 | 30.65 |
| | 5.0 | 4.0 | 130.3 | 28.59 | 129.4 | 29.13 | 128.8 | 29.67 | 128.4 | 29.95 | 128.1 | 30.21 | 127.2 | 30.78 | 125.2 | 30.92 |
| | 7.0 | 6.0 | 135.8 | 28.94 | 135.1 | 29.51 | 134.3 | 30.06 | 133.9 | 30.34 | 133.6 | 30.63 | 132.7 | 31.20 | 127.2 | 30.32 |
| | 9.0 | 7.8 | 141.0 | 29.27 | 140.1 | 29.83 | 139.3 | 30.40 | 138.8 | 30.69 | 138.5 | 30.98 | 137.6 | 31.56 | 127.2 | 29.18 |
| | 12.0 | 10.6 | 148.9 | 29.74 | 148.0 | 30.34 | 147.1 | 30.93 | 146.7 | 31.22 | 146.1 | 31.53 | 140.9 | 30.80 | 127.2 | 27.50 |
| | 15.0 | 13.5 | 157.2 | 30.23 | 156.2 | 30.84 | 155.2 | 31.45 | 154.6 | 31.75 | 154.0 | 32.07 | 140.9 | 28.98 | 127.2 | 25.90 |
| 156.8 (140%) | -20.0 | -20.7 | 66.8 | 23.94 | 66.1 | 24.21 | 65.5 | 24.48 | 65.3 | 24.62 | 64.9 | 24.75 | 64.3 | 25.03 | 63.7 | 25.30 |
| | -15.0 | -16.0 | 77.5 | 24.91 | 76.8 | 25.25 | 76.3 | 25.59 | 76.1 | 25.76 | 75.8 | 25.93 | 75.3 | 26.26 | 74.6 | 26.60 |
| | -12.0 | -13.0 | 84.6 | 25.54 | 84.1 | 25.92 | 83.5 | 26.28 | 83.3 | 26.47 | 83.0 | 26.65 | 82.5 | 27.03 | 81.9 | 27.42 |
| | -9.0 | -10.0 | 92.1 | 26.15 | 91.7 | 26.57 | 91.0 | 26.96 | 90.7 | 27.17 | 90.6 | 27.38 | 90.0 | 27.79 | 89.5 | 28.21 |
| | -7.0 | -8.0 | 97.3 | 26.57 | 96.7 | 26.99 | 96.2 | 27.42 | 96.0 | 27.63 | 95.7 | 27.84 | 95.0 | 28.29 | 94.6 | 28.72 |
| | -5.0 | -6.0 | 102.4 | 26.97 | 102.0 | 27.42 | 101.4 | 27.88 | 101.1 | 28.10 | 100.8 | 28.33 | 100.2 | 28.77 | 99.7 | 29.23 |
| | -3.0 | -4.0 | 107.8 | 27.39 | 107.2 | 27.85 | 106.6 | 28.32 | 106.3 | 28.56 | 106.1 | 28.78 | 105.5 | 29.27 | 104.9 | 29.74 |
| | -1.0 | -2.0 | 113.2 | 27.79 | 112.6 | 28.26 | 112.0 | 28.76 | 111.7 | 29.00 | 111.3 | 29.25 | 110.7 | 29.75 | 110.1 | 30.25 |
| | 0.0 | -1.0 | 115.9 | 27.99 | 115.3 | 28.49 | 114.7 | 28.99 | 114.4 | 29.24 | 114.1 | 29.49 | 113.4 | 29.99 | 112.8 | 30.49 |
| | 2.0 | 1.0 | 121.4 | 28.37 | 120.8 | 28.90 | 120.1 | 29.41 | 119.8 | 29.68 | 119.5 | 29.94 | 118.7 | 30.45 | 116.8 | 30.54 |
| | 5.0 | 4.0 | 129.7 | 28.96 | 129.0 | 29.52 | 128.3 | 30.06 | 127.8 | 30.32 | 127.5 | 30.60 | 126.8 | 31.14 | 118.9 | 29.33 |
| | 7.0 | 6.0 | 135.4 | 29.36 | 134.5 | 29.91 | 133.7 | 30.48 | 133.3 | 30.74 | 133.0 | 31.03 | 130.7 | 31.16 | 118.9 | 28.08 |
| | 9.0 | 7.8 | 140.3 | 29.69 | 139.6 | 30.26 | 138.7 | 30.83 | 138.2 | 31.12 | 137.8 | 31.41 | 131.4 | 30.23 | 118.9 | 27.04 |
| | 12.0 | 10.6 | 148.2 | 30.21 | 147.3 | 30.81 | 146.4 | 31.40 | 146.0 | 31.69 | 144.1 | 31.60 | 131.4 | 28.50 | 118.9 | 25.50 |
| | 15.0 | 13.5 | 156.4 | 30.74 | 155.4 | 31.35 | 154.3 | 31.95 | 150.6 | 31.22 | 144.1 | 29.73 | 131.4 | 26.82 | 118.9 | 24.01 |
| 145.6 (130%) | -20.0 | -20.7 | 66.5 | 24.05 | 65.9 | 24.32 | 65.3 | 24.59 | 64.9 | 24.73 | 64.7 | 24.86 | 64.1 | 25.14 | 63.4 | 25.42 |
| | -15.0 | -16.0 | 77.1 | 25.09 | 76.6 | 25.40 | 76.0 | 25.74 | 75.8 | 25.91 | 75.4 | 26.09 | 74.9 | 26.43 | 74.4 | 26.75 |
| | -12.0 | -13.0 | 84.2 | 25.73 | 83.8 | 26.11 | 83.3 | 26.47 | 83.0 | 26.66 | 82.6 | 26.84 | 82.2 | 27.22 | 81.7 | 27.61 |
| | -9.0 | -10.0 | 91.8 | 26.38 | 91.3 | 26.79 | 90.7 | 27.19 | 90.6 | 27.40 | 90.2 | 27.60 | 89.6 | 28.02 | 89.2 | 28.44 |
| | -7.0 | -8.0 | 97.0 | 26.83 | 96.4 | 27.25 | 95.8 | 27.68 | 95.6 | 27.89 | 95.3 | 28.11 | 94.7 | 28.53 | 94.3 | 28.98 |
| | -5.0 | -6.0 | 102.1 | 27.26 | 101.7 | 27.70 | 101.0 | 28.15 | 100.7 | 28.39 | 100.4 | 28.61 | 99.8 | 29.07 | 99.4 | 29.52 |
| | -3.0 | -4.0 | 107.4 | 27.70 | 106.8 | 28.16 | 106.3 | 28.63 | 105.9 | 28.87 | 105.6 | 29.09 | 105.2 | 29.58 | 104.5 | 30.05 |
| | -1.0 | -2.0 | 112.8 | 28.11 | 112.2 | 28.61 | 111.6 | 29.10 | 111.3 | 29.35 | 111.0 | 29.60 | 110.4 | 30.09 | 108.3 | 30.09 |
| | 0.0 | -1.0 | 115.6 | 28.34 | 114.9 | 28.84 | 114.2 | 29.34 | 114.0 | 29.59 | 113.7 | 29.84 | 113.1 | 30.34 | 109.4 | 29.82 |
| | 2.0 | 1.0 | 121.0 | 28.76 | 120.2 | 29.29 | 119.6 | 29.79 | 119.2 | 30.05 | 118.9 | 30.32 | 118.3 | 30.83 | 110.4 | 28.88 |
| | 5.0 | 4.0 | 129.2 | 29.39 | 128.4 | 29.95 | 127.7 | 30.49 | 127.4 | 30.75 | 126.9 | 31.03 | 122.1 | 30.19 | 110.4 | 27.05 |
| | 7.0 | 6.0 | 134.7 | 29.81 | 133.9 | 30.38 | 133.1 | 30.93 | 132.7 | 31.21 | 132.3 | 31.49 | 122.1 | 28.94 | 110.4 | 25.91 |
| | 9.0 | 7.8 | 139.6 | 30.19 | 138.7 | 30.76 | 138.0 | 31.34 | 137.5 | 31.60 | 133.9 | 30.84 | 122.1 | 27.84 | 110.4 | 24.96 |
| | 12.0 | 10.6 | 147.5 | 30.76 | 146.5 | 31.34 | 145.2 | 31.82 | 139.8 | 30.49 | 133.9 | 29.06 | 122.1 | 26.26 | 110.4 | 23.54 |
| | 15.0 | 13.5 | 155.4 | 31.31 | 154.4 | 31.92 | 145.6 | 30.07 | 139.8 | 28.69 | 133.9 | 27.36 | 122.1 | 24.71 | 110.4 | 22.16 |
| 134.4 (120%) | -20.0 | -20.7 | 66.3 | 24.17 | 65.7 | 24.44 | 65.0 | 24.71 | 64.7 | 24.85 | 64.3 | 24.98 | 63.8 | 25.26 | 63.2 | 25.55 |
| | -15.0 | -16.0 | 76.7 | 25.25 | 76.2 | 25.59 | 75.7 | 25.93 | 75.4 | 26.10 | 75.2 | 26.27 | 74.5 | 26.59 | 74.1 | 26.94 |
| | -12.0 | -13.0 | 84.1 | 25.96 | 83.4 | 26.33 | 82.9 | 26.69 | 82.6 | 26.89 | 82.5 | 27.07 | 81.8 | 27.45 | 81.4 | 27.83 |
| | -9.0 | -10.0 | 91.4 | 26.65 | 90.9 | 27.06 | 90.4 | 27.45 | 90.2 | 27.66 | 89.9 | 27.87 | 89.2 | 28.29 | 88.8 | 28.68 |
| | -7.0 | -8.0 | 96.6 | 27.11 | 96.0 | 27.54 | 95.5 | 27.98 | 95.3 | 28.19 | 94.9 | 28.41 | 94.3 | 28.83 | 93.9 | 29.26 |
| | -5.0 | -6.0 | 101.7 | 27.58 | 101.1 | 28.03 | 100.6 | 28.49 | 100.4 | 28.71 | 100.1 | 28.93 | 99.4 | 29.38 | 98.8 | 29.80 |
| | -3.0 | -4.0 | 107.1 | 28.05 | 106.4 | 28.51 | 105.8 | 28.98 | 105.5 | 29.22 | 105.2 | 29.47 | 104.6 | 29.93 | 101.0 | 29.28 |
| | -1.0 | -2.0 | 112.2 | 28.52 | 111.6 | 29.00 | 111.1 | 29.49 | 110.7 | 29.74 | 110.4 | 29.99 | 109.8 | 30.48 | 101.8 | 28.32 |
| | 0.0 | -1.0 | 115.0 | 28.74 | 114.3 | 29.24 | 113.7 | 29.74 | 113.4 | 29.99 | 113.1 | 30.24 | 111.5 | 30.40 | 101.8 | 27.69 |
| | 2.0 | 1.0 | 120.4 | 29.22 | 119.8 | 29.72 | 119.0 | 30.23 | 118.6 | 30.51 | 118.3 | 30.76 | 112.7 | 29.53 | 101.8 | 26.49 |
| | 5.0 | 4.0 | 128.6 | 29.90 | 127.7 | 30.44 | 127.0 | 30.98 | 126.7 | 31.26 | 123.5 | 30.59 | 112.7 | 27.66 | 101.8 | 24.82 |
| | 7.0 | 6.0 | 133.9 | 30.36 | 133.2 | 30.90 | 132.3 | 31.47 | 129.1 | 30.74 | 123.5 | 29.30 | 112.7 | 26.51 | 101.8 | 23.78 |
| | 9.0 | 7.8 | 138.9 | 30.75 | 138.0 | 31.33 | 134.4 | 30.97 | 129.1 | 29.58 | 123.5 | 28.20 | 112.7 | 25.52 | 101.8 | 22.90 |
| | 12.0 | 10.6 | 146.5 | 31.37 | 144.7 | 31.66 | 134.4 | 29.18 | 129.1 | 27.89 | 123.5 | 26.60 | 112.7 | 24.07 | 101.8 | 21.62 |
| | 15.0 | 13.5 | 153.7 | 31.77 | 145.3 | 29.98 | 134.4 | 27.48 | 129.1 | 26.26 | 123.5 | 25.03 | 112.7 | 22.67 | 101.8 | 20.37 |
| 123.2 (110%) | -20.0 | -20.7 | 65.8 | 24.32 | 65.2 | 24.59 | 64.6 | 24.86 | 64.3 | 24.99 | 64.1 | 25.13 | 63.3 | 25.43 | 62.8 | 25.70 |
| | -15.0 | -16.0 | 76.5 | 25.47 | 75.8 | 25.81 | 75.4 | 26.15 | 75.2 | 26.30 | 74.8 | 26.47 | 74.3 | 26.81 | 73.7 | 27.16 |
| | -12.0 | -13.0 | 83.7 | 26.22 | 83.0 | 26.59 | 82.6 | 26.95 | 82.2 | 27.15 | 82.1 | 27.33 | 81.4 | 27.71 | 81.0 | 28.07 |
| | -9.0 | -10.0 | 91.0 | 26.97 | 90.5 | 27.37 | 90.0 | 27.78 | 89.8 | 27.97 | 89.5 | 28.18 | 88.9 | 28.59 | 88.4 | 29.01 |
| | -7.0 | -8.0 | 96.0 | 27.46 | 95.6 | 27.90 | 95.0 | 28.33 | 94.9 | 28.54 | 94.5 | 28.75 | 93.9 | 29.18 | 91.5 | 28.91 |
| | -5.0 | -6.0 | 101.3 | 27.96 | 100.7 | 28.42 | 100.1 | 28.87 | 100.0 | 29.09 | 99.7 | 29.31 | 99.0 | 29.77 | 93.3 | 28.29 |
| | -3.0 | -4.0 | 106.4 | 28.47 | 105.8 | 28.94 | 105.3 | 29.40 | 105.1 | 29.65 | 104.8 | 29.89 | 102.4 | 29.74 | 93.3 | 27.00 |
| | -1.0 | -2.0 | 111.8 | 28.99 | 111.2 | 29.46 | 110.5 | 29.96 | 110.3 | 30.20 | 109.9 | 30.45 | 103.2 | 28.74 | 93.3 | 25.80 |
| | 0.0 | -1.0 | 114.3 | 29.24 | 113.7 | 29.73 | 113.1 | 30.23 | 112.7 | 30.48 | 112.2 | 30.67 | 103.2 | 28.11 | 93.3 | 25.24 |
| | 2.0 | 1.0 | 119.7 | 29.73 | 119.1 | 30.24 | 118.4 | 30.77 | 117.7 | 30.96 | 113.2 | 29.68 | 103.2 | 26.89 | 93.3 | 24.15 |
| | 5.0 | 4.0 | 127.7 | 30.49 | 127.0 | 31.02 | 123.2 | 30.49 | 118.1 | 29.14 | 113.2 | 27.81 | 103.2 | 25.20 | 93.3 | 22.65 |
| | 7.0 | 6.0 | 133.1 | 30.99 | 132.0 | 31.46 | 123.2 | 29.20 | 118.1 | 27.92 | 113.2 | 26.65 | 103.2 | 24.14 | 93.3 | 21.71 |
| | 9.0 | 7.8 | 137.9 | 31.42 | 133.2 | 30.64 | 123.2 | 28.12 | 118.1 | 26.87 | 113.2 | 25.64 | 103.2 | 23.24 | 93.3 | 20.91 |
| | 12.0 | 10.6 | 143.2 | 31.31 | 133.2 | 28.88 | 123.2 | 26.50 | 118.1 | 25.34 | 113.2 | 24.20 | 103.2 | 21.94 | 93.3 | 19.73 |
| | 15.0 | 13.5 | 143.2 | 29.47 | 133.2 | 27.18 | 123.2 | 24.95 | 118.1 | 23.87 | 113.2 | 22.78 | 103.2 | 20.67 | 93.3 | 18.60 |

MODEL SELECTION

| Heating capacity at rated condition: 125.0 kW (40HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 112.0 (100%) | -20.0 | -20.7 | 65.3 | 24.50 | 64.8 | 24.77 | 64.2 | 25.04 | 63.8 | 25.18 | 63.6 | 25.31 | 63.1 | 25.59 | 62.5 | 25.88 |
| | -15.0 | -16.0 | 76.1 | 25.73 | 75.6 | 26.07 | 74.9 | 26.39 | 74.7 | 26.56 | 74.4 | 26.73 | 73.9 | 27.07 | 73.4 | 27.42 |
| | -12.0 | -13.0 | 83.2 | 26.52 | 82.6 | 26.90 | 82.1 | 27.28 | 81.8 | 27.46 | 81.7 | 27.64 | 81.0 | 28.02 | 80.6 | 28.40 |
| | -9.0 | -10.0 | 90.5 | 27.33 | 90.1 | 27.74 | 89.5 | 28.14 | 89.2 | 28.35 | 89.1 | 28.55 | 88.4 | 28.97 | 84.4 | 27.91 |
| | -7.0 | -8.0 | 95.6 | 27.87 | 95.0 | 28.30 | 94.5 | 28.74 | 94.2 | 28.96 | 93.9 | 29.17 | 92.5 | 29.20 | 85.0 | 26.83 |
| | -5.0 | -6.0 | 100.7 | 28.42 | 100.0 | 28.88 | 99.6 | 29.33 | 99.3 | 29.55 | 99.0 | 29.77 | 94.0 | 28.45 | 85.0 | 25.57 |
| | -3.0 | -4.0 | 105.8 | 28.98 | 105.4 | 29.44 | 104.7 | 29.91 | 104.4 | 30.15 | 102.7 | 29.85 | 94.0 | 27.15 | 85.0 | 24.43 |
| | -1.0 | -2.0 | 111.1 | 29.54 | 110.5 | 30.01 | 109.8 | 30.50 | 107.4 | 29.97 | 103.0 | 28.62 | 94.0 | 25.96 | 85.0 | 23.35 |
| | 0.0 | -1.0 | 113.6 | 29.82 | 113.0 | 30.29 | 112.0 | 30.65 | 107.4 | 29.32 | 103.0 | 27.99 | 94.0 | 25.38 | 85.0 | 22.83 |
| | 2.0 | 1.0 | 118.8 | 30.36 | 118.2 | 30.87 | 112.0 | 29.31 | 107.4 | 28.05 | 103.0 | 26.79 | 94.0 | 24.30 | 85.0 | 21.88 |
| | 5.0 | 4.0 | 126.7 | 31.19 | 121.0 | 29.89 | 112.0 | 27.47 | 107.4 | 26.28 | 103.0 | 25.09 | 94.0 | 22.78 | 85.0 | 20.52 |
| | 7.0 | 6.0 | 130.0 | 31.01 | 121.0 | 28.64 | 112.0 | 26.32 | 107.4 | 25.19 | 103.0 | 24.06 | 94.0 | 21.83 | 85.0 | 19.66 |
| | 9.0 | 7.8 | 130.0 | 29.85 | 121.0 | 27.57 | 112.0 | 25.34 | 107.4 | 24.24 | 103.0 | 23.17 | 94.0 | 21.03 | 85.0 | 18.96 |
| | 12.0 | 10.6 | 130.0 | 28.13 | 121.0 | 25.99 | 112.0 | 23.89 | 107.4 | 22.88 | 103.0 | 21.85 | 94.0 | 19.84 | 85.0 | 17.89 |
| | 15.0 | 13.5 | 130.0 | 26.49 | 121.0 | 24.48 | 112.0 | 22.51 | 107.4 | 21.54 | 103.0 | 20.59 | 94.0 | 18.71 | 85.0 | 16.88 |
| 100.8 (90%) | -20.0 | -20.7 | 65.0 | 24.72 | 64.2 | 24.99 | 63.7 | 25.26 | 63.5 | 25.40 | 63.1 | 25.53 | 62.6 | 25.81 | 62.1 | 26.10 |
| | -15.0 | -16.0 | 75.6 | 26.05 | 75.1 | 26.37 | 74.4 | 26.71 | 74.2 | 26.88 | 73.9 | 27.05 | 73.4 | 27.37 | 72.8 | 27.72 |
| | -12.0 | -13.0 | 82.5 | 26.90 | 82.1 | 27.28 | 81.6 | 27.65 | 81.3 | 27.83 | 81.0 | 28.01 | 80.5 | 28.39 | 76.1 | 27.05 |
| | -9.0 | -10.0 | 90.1 | 27.78 | 89.4 | 28.20 | 88.9 | 28.59 | 88.7 | 28.80 | 88.4 | 29.01 | 84.5 | 28.03 | 76.4 | 25.24 |
| | -7.0 | -8.0 | 94.9 | 28.39 | 94.5 | 28.82 | 93.9 | 29.24 | 93.5 | 29.46 | 92.0 | 29.15 | 84.5 | 26.69 | 76.4 | 24.04 |
| | -5.0 | -6.0 | 100.0 | 28.99 | 99.5 | 29.43 | 98.9 | 29.88 | 96.7 | 29.35 | 92.6 | 28.05 | 84.5 | 25.46 | 76.4 | 22.94 |
| | -3.0 | -4.0 | 105.1 | 29.59 | 104.5 | 30.06 | 100.8 | 29.29 | 96.7 | 28.03 | 92.6 | 26.77 | 84.5 | 24.32 | 76.4 | 21.90 |
| | -1.0 | -2.0 | 110.2 | 30.20 | 109.0 | 30.41 | 100.8 | 27.98 | 96.7 | 26.77 | 92.6 | 25.60 | 84.5 | 23.24 | 76.4 | 20.95 |
| | 0.0 | -1.0 | 112.9 | 30.50 | 109.0 | 29.74 | 100.8 | 27.35 | 96.7 | 26.18 | 92.6 | 25.02 | 84.5 | 22.73 | 76.4 | 20.50 |
| | 2.0 | 1.0 | 117.1 | 30.73 | 109.0 | 28.45 | 100.8 | 26.18 | 96.7 | 25.06 | 92.6 | 23.95 | 84.5 | 21.76 | 76.4 | 19.63 |
| | 5.0 | 4.0 | 117.1 | 28.82 | 109.0 | 26.66 | 100.8 | 24.53 | 96.7 | 23.49 | 92.6 | 22.46 | 84.5 | 20.42 | 76.4 | 18.43 |
| | 7.0 | 6.0 | 117.1 | 27.61 | 109.0 | 25.55 | 100.8 | 23.51 | 96.7 | 22.51 | 92.6 | 21.53 | 84.5 | 19.59 | 76.4 | 17.68 |
| | 9.0 | 7.8 | 117.1 | 26.58 | 109.0 | 24.58 | 100.8 | 22.64 | 96.7 | 21.69 | 92.6 | 20.75 | 84.5 | 18.87 | 76.4 | 17.05 |
| | 12.0 | 10.6 | 117.1 | 25.07 | 109.0 | 23.20 | 100.8 | 21.36 | 96.7 | 20.47 | 92.6 | 19.57 | 84.5 | 17.81 | 76.4 | 16.09 |
| | 15.0 | 13.5 | 117.1 | 23.61 | 109.0 | 21.86 | 100.8 | 20.14 | 96.7 | 19.29 | 92.6 | 18.45 | 84.5 | 16.79 | 76.4 | 15.19 |
| 89.6 (80%) | -20.0 | -20.7 | 64.2 | 24.98 | 63.7 | 25.25 | 63.2 | 25.52 | 62.9 | 25.68 | 62.6 | 25.81 | 62.0 | 26.09 | 61.5 | 26.36 |
| | -15.0 | -16.0 | 74.8 | 26.43 | 74.3 | 26.77 | 73.8 | 27.09 | 73.5 | 27.26 | 73.4 | 27.43 | 72.7 | 27.77 | 67.8 | 26.10 |
| | -12.0 | -13.0 | 82.0 | 27.38 | 81.5 | 27.74 | 80.9 | 28.11 | 80.8 | 28.29 | 80.4 | 28.49 | 75.1 | 26.74 | 67.9 | 24.11 |
| | -9.0 | -10.0 | 89.3 | 28.35 | 88.7 | 28.76 | 88.2 | 29.16 | 85.9 | 28.53 | 82.4 | 27.27 | 75.1 | 24.80 | 67.9 | 22.35 |
| | -7.0 | -8.0 | 94.1 | 29.01 | 93.7 | 29.44 | 89.6 | 28.37 | 85.9 | 27.17 | 82.4 | 25.98 | 75.1 | 23.62 | 67.9 | 21.32 |
| | -5.0 | -6.0 | 99.2 | 29.68 | 96.8 | 29.39 | 89.6 | 27.06 | 85.9 | 25.90 | 82.4 | 24.77 | 75.1 | 22.54 | 67.9 | 20.34 |
| | -3.0 | -4.0 | 103.7 | 30.21 | 96.8 | 28.05 | 89.6 | 25.83 | 85.9 | 24.74 | 82.4 | 23.66 | 75.1 | 21.53 | 67.9 | 19.45 |
| | -1.0 | -2.0 | 104.1 | 28.94 | 96.8 | 26.80 | 89.6 | 24.70 | 85.9 | 23.66 | 82.4 | 22.63 | 75.1 | 20.60 | 67.9 | 18.61 |
| | 0.0 | -1.0 | 104.1 | 28.30 | 96.8 | 26.20 | 89.6 | 24.16 | 85.9 | 23.13 | 82.4 | 22.13 | 75.1 | 20.15 | 67.9 | 18.20 |
| | 2.0 | 1.0 | 104.1 | 27.08 | 96.8 | 25.08 | 89.6 | 23.11 | 85.9 | 22.14 | 82.4 | 21.20 | 75.1 | 19.31 | 67.9 | 17.44 |
| | 5.0 | 4.0 | 104.1 | 25.38 | 96.8 | 23.50 | 89.6 | 21.68 | 85.9 | 20.78 | 82.4 | 19.87 | 75.1 | 18.12 | 67.9 | 16.39 |
| | 7.0 | 6.0 | 104.1 | 24.31 | 96.8 | 22.53 | 89.6 | 20.78 | 85.9 | 19.93 | 82.4 | 19.08 | 75.1 | 17.39 | 67.9 | 15.73 |
| | 9.0 | 7.8 | 104.1 | 23.41 | 96.8 | 21.71 | 89.6 | 20.03 | 85.9 | 19.19 | 82.4 | 18.37 | 75.1 | 16.75 | 67.9 | 15.18 |
| | 12.0 | 10.6 | 104.1 | 22.10 | 96.8 | 20.48 | 89.6 | 18.91 | 85.9 | 18.13 | 82.4 | 17.36 | 75.1 | 15.83 | 67.9 | 14.35 |
| | 15.0 | 13.5 | 104.1 | 20.81 | 96.8 | 19.31 | 89.6 | 17.81 | 85.9 | 17.09 | 82.4 | 16.37 | 75.1 | 14.94 | 67.9 | 13.53 |
| 78.4 (70%) | -20.0 | -20.7 | 63.5 | 25.33 | 63.0 | 25.60 | 62.4 | 25.88 | 62.1 | 26.01 | 61.9 | 26.15 | 61.4 | 26.42 | 58.1 | 25.38 |
| | -15.0 | -16.0 | 74.1 | 26.91 | 73.5 | 27.25 | 73.0 | 27.57 | 72.9 | 27.74 | 71.1 | 27.27 | 65.8 | 25.26 | 59.3 | 22.80 |
| | -12.0 | -13.0 | 81.1 | 27.98 | 80.7 | 28.33 | 78.4 | 27.93 | 75.2 | 26.78 | 72.0 | 25.62 | 65.8 | 23.32 | 59.3 | 21.05 |
| | -9.0 | -10.0 | 88.3 | 29.07 | 84.8 | 28.08 | 78.4 | 25.90 | 75.2 | 24.81 | 72.0 | 23.74 | 65.8 | 21.63 | 59.3 | 19.56 |
| | -7.0 | -8.0 | 91.0 | 28.85 | 84.7 | 26.74 | 78.4 | 24.67 | 75.2 | 23.64 | 72.0 | 22.63 | 65.8 | 20.62 | 59.3 | 18.64 |
| | -5.0 | -6.0 | 91.0 | 27.52 | 84.7 | 25.51 | 78.4 | 23.54 | 75.2 | 22.57 | 72.0 | 21.60 | 65.8 | 19.68 | 59.3 | 17.83 |
| | -3.0 | -4.0 | 91.0 | 26.27 | 84.8 | 24.36 | 78.4 | 22.48 | 75.2 | 21.57 | 72.0 | 20.63 | 65.8 | 18.82 | 59.3 | 17.03 |
| | -1.0 | -2.0 | 91.0 | 25.12 | 84.7 | 23.30 | 78.4 | 21.50 | 75.2 | 20.62 | 72.0 | 19.74 | 65.8 | 18.02 | 59.3 | 16.32 |
| | 0.0 | -1.0 | 91.0 | 24.56 | 84.7 | 22.78 | 78.4 | 21.05 | 75.2 | 20.18 | 72.0 | 19.33 | 65.8 | 17.64 | 59.3 | 15.98 |
| | 2.0 | 1.0 | 91.0 | 23.51 | 84.7 | 21.82 | 78.4 | 20.14 | 75.2 | 19.32 | 72.0 | 18.51 | 65.8 | 16.89 | 59.3 | 15.32 |
| | 5.0 | 4.0 | 91.0 | 22.04 | 84.7 | 20.45 | 78.4 | 18.92 | 75.2 | 18.14 | 72.0 | 17.39 | 65.8 | 15.88 | 59.3 | 14.39 |
| | 7.0 | 6.0 | 91.0 | 21.14 | 84.7 | 19.62 | 78.4 | 18.14 | 75.2 | 17.40 | 72.0 | 16.68 | 65.8 | 15.24 | 59.3 | 13.83 |
| | 9.0 | 7.8 | 91.0 | 20.37 | 84.7 | 18.91 | 78.4 | 17.48 | 75.2 | 16.78 | 72.0 | 16.07 | 65.8 | 14.70 | 59.3 | 13.35 |
| | 12.0 | 10.6 | 91.0 | 19.21 | 84.8 | 17.86 | 78.4 | 16.52 | 75.2 | 15.85 | 72.0 | 15.19 | 65.8 | 13.90 | 59.3 | 12.63 |
| | 15.0 | 13.5 | 91.0 | 18.11 | 84.7 | 16.84 | 78.4 | 15.59 | 75.2 | 14.96 | 72.0 | 14.34 | 65.8 | 13.13 | 59.3 | 11.94 |
| 67.2 (60%) | -20.0 | -20.7 | 62.5 | 25.77 | 62.0 | 26.04 | 61.5 | 26.32 | 61.3 | 26.45 | 60.4 | 26.25 | 56.3 | 24.76 | 51.0 | 22.38 |
| | -15.0 | -16.0 | 73.0 | 27.57 | 71.9 | 27.63 | 67.2 | 25.82 | 64.4 | 24.75 | 61.9 | 23.71 | 56.3 | 21.60 | 51.0 | 19.55 |
| | -12.0 | -13.0 | 78.1 | 27.80 | 72.5 | 25.82 | 67.2 | 23.84 | 64.4 | 22.86 | 61.9 | 21.89 | 56.3 | 19.97 | 51.0 | 18.09 |
| | -9.0 | -10.0 | 78.1 | 25.78 | 72.5 | 23.93 | 67.2 | 22.11 | 64.4 | 21.21 | 61.9 | 20.32 | 56.3 | 18.56 | 51.0 | 16.81 |
| | -7.0 | -8.0 | 78.1 | 24.56 | 72.5 | 22.80 | 67.2 | 21.08 | 64.4 | 20.23 | 61.9 | 19.39 | 56.3 | 17.70 | 51.0 | 16.04 |
| | -5.0 | -6.0 | 78.1 | 23.42 | 72.5 | 21.76 | 67.2 | 20.12 | 64.4 | 19.31 | 61.9 | 18.50 | 56.3 | 16.91 | 51.0 | 15.34 |
| | -3.0 | -4.0 | 78.1 | 22.37 | 72.5 | 20.80 | 67.2 | 19.24 | 64.4 | 18.46 | 61.9 | 17.70 | 56.3 | 16.18 | 51.0 | 14.70 |
| | -1.0 | -2.0 | 78.1 | 21.40 | 72.5 | 19.89 | 67.2 | 18.42 | 64.4 | 17.67 | 61.9 | 16.95 | 56.3 | 15.49 | 51.0 | 14.08 |
| | 0.0 | -1.0 | 78.1 | 20.95 | 72.5 | 19.46 | 67.2 | 18.02 | 64.4 | 17.30 | 61.9 | 16.58 | 56.3 | 15.18 | 51.0 | 13.80 |
| | 2.0 | 1.0 | 78.1 | 20.05 | 72.5 | 18.65 | 67.2 | 17.27 | 64.4 | 16.58 | 61.9 | 15.90 | 56.3 | 14.56 | 51.0 | 13.22 |
| | 5.0 | 4.0 | 78.1 | 18.82 | 72.5 | 17.51 | 67.2 | 16.22 | 64.4 | 15.58 | 61.9 | 14.95 | 56.3 | 13.70 | 51.0 | 12.45 |
| | 7.0 | 6.0 | 78.1 | 18.05 | 72.5 | 16.80 | 67.2 | 15.56 | 64.4 | 14.96 | 61.9 | 14.34 | 56.3 | 13.16 | 51.0 | 11.97 |
| | 9.0 | 7.8 | 78.1 | 17.41 | 72.5 | 16.20 | 67.2 | 15.02 | 64.4 | 14.43 | 61.9 | 13.84 | 56.3 | 12.68 | 51.0 | 11.56 |
| | 12.0 | 10.6 | 78.1 | 16.45 | 72.5 | 15.30 | 67.2 | 14.20 | 64.4 | 13.65 | 61.9 | 13.09 | 56.3 | 12.03 | 51.0 | 10.94 |
| | 15.0 | 13.5 | 78.1 | 15.52 | 72.5 | 14.46 | 67.2 | 13.41 | 64.4 | 12.88 | 61.9 | 12.38 | 56.3 | 11.35 | 51.0 | 10.36 |

| Heating capacity at rated condition: 125.0 kW (40HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 56.0 (50%) | -20.0 | -20.7 | 61.3 | 26.41 | 59.8 | 26.16 | 56.0 | 24.58 | 53.7 | 23.60 | 51.5 | 22.61 | 46.9 | 20.63 | 42.5 | 18.70 |
| | -15.0 | -16.0 | 65.1 | 24.96 | 60.5 | 23.20 | 56.0 | 21.47 | 53.7 | 20.60 | 51.5 | 19.75 | 46.9 | 18.05 | 42.5 | 16.38 |
| | -12.0 | -13.0 | 65.1 | 23.04 | 60.5 | 21.44 | 56.0 | 19.84 | 53.7 | 19.06 | 51.5 | 18.27 | 46.9 | 16.71 | 42.5 | 15.19 |
| | -9.0 | -10.0 | 65.1 | 21.40 | 60.5 | 19.90 | 56.0 | 18.43 | 53.7 | 17.71 | 51.5 | 16.99 | 46.9 | 15.55 | 42.5 | 14.14 |
| | -7.0 | -8.0 | 65.1 | 20.39 | 60.5 | 18.98 | 56.0 | 17.60 | 53.7 | 16.89 | 51.5 | 16.23 | 46.9 | 14.86 | 42.5 | 13.51 |
| | -5.0 | -6.0 | 65.1 | 19.48 | 60.5 | 18.13 | 56.0 | 16.82 | 53.7 | 16.16 | 51.5 | 15.51 | 46.9 | 14.20 | 42.5 | 12.95 |
| | -3.0 | -4.0 | 65.1 | 18.63 | 60.5 | 17.35 | 56.0 | 16.08 | 53.7 | 15.46 | 51.5 | 14.83 | 46.9 | 13.61 | 42.5 | 12.40 |
| | -1.0 | -2.0 | 65.1 | 17.83 | 60.5 | 16.61 | 56.0 | 15.40 | 53.7 | 14.81 | 51.5 | 14.22 | 46.9 | 13.06 | 42.5 | 11.90 |
| | 0.0 | -1.0 | 65.1 | 17.43 | 60.5 | 16.25 | 56.0 | 15.09 | 53.7 | 14.50 | 51.5 | 13.93 | 46.9 | 12.78 | 42.5 | 11.66 |
| | 2.0 | 1.0 | 65.1 | 16.72 | 60.5 | 15.58 | 56.0 | 14.48 | 53.7 | 13.92 | 51.5 | 13.36 | 46.9 | 12.27 | 42.5 | 11.19 |
| | 5.0 | 4.0 | 65.1 | 15.72 | 60.5 | 14.66 | 56.0 | 13.61 | 53.7 | 13.08 | 51.5 | 12.58 | 46.9 | 11.56 | 42.5 | 10.56 |
| | 7.0 | 6.0 | 65.1 | 15.09 | 60.5 | 14.07 | 56.0 | 13.07 | 53.7 | 12.58 | 51.5 | 12.10 | 46.9 | 11.11 | 42.5 | 10.15 |
| | 9.0 | 7.8 | 65.1 | 14.56 | 60.5 | 13.57 | 56.0 | 12.63 | 53.7 | 12.14 | 51.5 | 11.67 | 46.9 | 10.74 | 42.5 | 9.81 |
| | 12.0 | 10.6 | 65.1 | 13.76 | 60.5 | 12.84 | 56.0 | 11.96 | 53.7 | 11.50 | 51.5 | 11.06 | 46.9 | 10.19 | 42.5 | 9.32 |
| | 15.0 | 13.5 | 65.1 | 13.00 | 60.5 | 12.14 | 56.0 | 11.29 | 53.7 | 10.89 | 51.5 | 10.46 | 46.9 | 9.65 | 42.5 | 8.84 |

# ■ Model: AJ∗378GALDH

| Heating capacity at rated condition: 131.5 kW (42HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 177.0 (150%) | -20.0 | -20.7 | 74.5 | 24.86 | 73.5 | 25.13 | 72.6 | 25.40 | 72.1 | 25.54 | 71.7 | 25.68 | 70.9 | 25.95 | 70.0 | 26.24 |
| | -15.0 | -16.0 | 85.2 | 25.93 | 84.4 | 26.27 | 83.7 | 26.61 | 83.2 | 26.78 | 82.9 | 26.95 | 82.2 | 27.28 | 81.4 | 27.64 |
| | -12.0 | -13.0 | 92.6 | 26.60 | 92.0 | 26.98 | 91.3 | 27.36 | 91.0 | 27.55 | 90.5 | 27.74 | 90.0 | 28.13 | 89.2 | 28.51 |
| | -9.0 | -10.0 | 100.5 | 27.28 | 99.9 | 27.69 | 99.2 | 28.11 | 98.8 | 28.31 | 98.6 | 28.52 | 98.0 | 28.95 | 97.2 | 29.38 |
| | -7.0 | -8.0 | 106.1 | 27.72 | 105.3 | 28.17 | 104.7 | 28.60 | 104.4 | 28.84 | 104.1 | 29.05 | 103.5 | 29.50 | 102.7 | 29.94 |
| | -5.0 | -6.0 | 111.7 | 28.18 | 111.1 | 28.63 | 110.4 | 29.11 | 110.0 | 29.34 | 109.7 | 29.58 | 109.1 | 30.04 | 108.5 | 30.51 |
| | -3.0 | -4.0 | 117.3 | 28.64 | 116.7 | 29.11 | 116.1 | 29.61 | 115.8 | 29.85 | 115.5 | 30.09 | 114.9 | 30.59 | 114.0 | 31.09 |
| | -1.0 | -2.0 | 123.3 | 29.10 | 122.5 | 29.60 | 121.9 | 30.10 | 121.6 | 30.36 | 121.3 | 30.62 | 120.6 | 31.14 | 119.8 | 31.64 |
| | 0.0 | -1.0 | 126.2 | 29.31 | 125.6 | 29.84 | 124.9 | 30.36 | 124.5 | 30.62 | 124.1 | 30.88 | 123.5 | 31.40 | 122.9 | 31.93 |
| | 2.0 | 1.0 | 132.3 | 29.77 | 131.4 | 30.32 | 130.8 | 30.84 | 130.5 | 31.12 | 130.1 | 31.39 | 129.3 | 31.93 | 128.2 | 32.33 |
| | 5.0 | 4.0 | 141.4 | 30.44 | 140.6 | 31.01 | 139.8 | 31.58 | 139.4 | 31.87 | 139.0 | 32.15 | 138.1 | 32.74 | 135.0 | 32.53 |
| | 7.0 | 6.0 | 147.5 | 30.90 | 146.6 | 31.49 | 145.8 | 32.08 | 145.4 | 32.36 | 145.0 | 32.67 | 143.0 | 32.92 | 139.0 | 32.54 |
| | 9.0 | 7.8 | 153.2 | 31.30 | 152.3 | 31.91 | 151.3 | 32.51 | 150.8 | 32.81 | 150.5 | 33.12 | 147.2 | 33.02 | 139.0 | 31.32 |
| | 12.0 | 10.6 | 161.8 | 31.94 | 160.8 | 32.56 | 159.8 | 33.19 | 159.1 | 33.42 | 157.2 | 33.34 | 151.8 | 32.59 | 139.0 | 29.49 |
| | 15.0 | 13.5 | 170.8 | 32.58 | 169.7 | 33.22 | 167.6 | 33.58 | 165.7 | 33.53 | 163.8 | 33.48 | 151.8 | 30.66 | 139.0 | 27.76 |
| 165.2 (140%) | -20.0 | -20.7 | 74.0 | 24.98 | 73.3 | 25.25 | 72.3 | 25.52 | 71.9 | 25.66 | 71.4 | 25.79 | 70.5 | 26.07 | 69.5 | 26.34 |
| | -15.0 | -16.0 | 84.9 | 26.08 | 84.1 | 26.42 | 83.3 | 26.76 | 82.9 | 26.93 | 82.6 | 27.10 | 81.9 | 27.45 | 81.1 | 27.79 |
| | -12.0 | -13.0 | 92.3 | 26.79 | 91.6 | 27.18 | 90.9 | 27.56 | 90.5 | 27.73 | 90.2 | 27.92 | 89.5 | 28.30 | 88.9 | 28.71 |
| | -9.0 | -10.0 | 100.2 | 27.50 | 99.6 | 27.93 | 98.9 | 28.34 | 98.5 | 28.55 | 98.2 | 28.76 | 97.7 | 29.17 | 96.9 | 29.60 |
| | -7.0 | -8.0 | 105.6 | 27.99 | 105.0 | 28.42 | 104.4 | 28.87 | 104.1 | 29.08 | 103.8 | 29.30 | 103.0 | 29.75 | 102.4 | 30.20 |
| | -5.0 | -6.0 | 111.1 | 28.47 | 110.5 | 28.92 | 110.0 | 29.40 | 109.7 | 29.64 | 109.4 | 29.85 | 108.8 | 30.33 | 108.0 | 30.80 |
| | -3.0 | -4.0 | 116.9 | 28.95 | 116.3 | 29.43 | 115.7 | 29.93 | 115.4 | 30.17 | 114.9 | 30.41 | 114.3 | 30.91 | 113.7 | 31.40 |
| | -1.0 | -2.0 | 122.8 | 29.44 | 122.1 | 29.94 | 121.5 | 30.46 | 121.2 | 30.70 | 120.7 | 30.96 | 120.1 | 31.48 | 119.0 | 31.85 |
| | 0.0 | -1.0 | 125.7 | 29.68 | 125.0 | 30.20 | 124.4 | 30.72 | 124.1 | 30.98 | 123.8 | 31.24 | 122.9 | 31.77 | 121.2 | 31.92 |
| | 2.0 | 1.0 | 131.7 | 30.16 | 131.0 | 30.70 | 130.3 | 31.25 | 129.9 | 31.51 | 129.5 | 31.79 | 128.9 | 32.34 | 125.6 | 32.08 |
| | 5.0 | 4.0 | 140.8 | 30.90 | 139.9 | 31.47 | 139.2 | 32.04 | 138.7 | 32.32 | 138.4 | 32.61 | 135.6 | 32.56 | 129.8 | 31.44 |
| | 7.0 | 6.0 | 146.8 | 31.38 | 145.9 | 31.97 | 145.1 | 32.56 | 144.7 | 32.85 | 143.6 | 32.91 | 140.2 | 32.73 | 129.8 | 30.09 |
| | 9.0 | 7.8 | 152.3 | 31.83 | 151.4 | 32.42 | 150.5 | 33.01 | 149.4 | 33.09 | 147.6 | 33.02 | 141.6 | 31.96 | 129.8 | 28.97 |
| | 12.0 | 10.6 | 160.8 | 32.49 | 159.9 | 33.11 | 157.5 | 33.32 | 155.8 | 33.26 | 153.4 | 33.00 | 141.6 | 30.10 | 129.8 | 27.29 |
| | 15.0 | 13.5 | 169.7 | 33.18 | 167.6 | 33.54 | 164.1 | 33.49 | 159.4 | 32.45 | 153.4 | 31.05 | 141.6 | 28.32 | 129.8 | 25.69 |
| 153.4 (130%) | -20.0 | -20.7 | 73.7 | 25.11 | 72.8 | 25.38 | 71.9 | 25.64 | 71.4 | 25.79 | 70.9 | 25.91 | 70.0 | 26.20 | 69.3 | 26.49 |
| | -15.0 | -16.0 | 84.4 | 26.28 | 83.6 | 26.60 | 82.9 | 26.93 | 82.6 | 27.10 | 82.2 | 27.29 | 81.4 | 27.63 | 80.6 | 27.97 |
| | -12.0 | -13.0 | 91.8 | 27.02 | 91.2 | 27.40 | 90.5 | 27.78 | 90.2 | 27.95 | 89.7 | 28.14 | 89.2 | 28.53 | 88.4 | 28.93 |
| | -9.0 | -10.0 | 99.8 | 27.77 | 99.1 | 28.18 | 98.5 | 28.61 | 98.2 | 28.82 | 97.7 | 29.01 | 97.1 | 29.44 | 96.6 | 29.87 |
| | -7.0 | -8.0 | 105.2 | 28.28 | 104.6 | 28.71 | 103.9 | 29.16 | 103.5 | 29.38 | 103.3 | 29.61 | 102.7 | 30.05 | 102.1 | 30.50 |
| | -5.0 | -6.0 | 110.8 | 28.79 | 110.2 | 29.26 | 109.5 | 29.72 | 109.1 | 29.96 | 108.8 | 30.19 | 108.2 | 30.67 | 107.6 | 31.12 |
| | -3.0 | -4.0 | 116.4 | 29.32 | 115.8 | 29.80 | 115.2 | 30.29 | 114.8 | 30.53 | 114.5 | 30.77 | 113.9 | 31.27 | 112.0 | 31.37 |
| | -1.0 | -2.0 | 122.2 | 29.83 | 121.5 | 30.35 | 120.9 | 30.85 | 120.6 | 31.11 | 120.3 | 31.37 | 119.6 | 31.85 | 116.4 | 31.55 |
| | 0.0 | -1.0 | 125.3 | 30.09 | 124.4 | 30.61 | 123.8 | 31.14 | 123.5 | 31.40 | 123.2 | 31.66 | 121.8 | 31.93 | 118.6 | 31.65 |
| | 2.0 | 1.0 | 131.0 | 30.62 | 130.4 | 31.16 | 129.6 | 31.69 | 129.2 | 31.97 | 128.9 | 32.23 | 126.2 | 32.09 | 120.6 | 30.95 |
| | 5.0 | 4.0 | 139.9 | 31.41 | 139.3 | 31.98 | 138.5 | 32.54 | 137.5 | 32.65 | 136.0 | 32.55 | 131.4 | 31.90 | 120.6 | 28.94 |
| | 7.0 | 6.0 | 145.9 | 31.93 | 145.2 | 32.52 | 143.6 | 32.87 | 142.1 | 32.79 | 140.4 | 32.71 | 131.4 | 30.55 | 120.6 | 27.72 |
| | 9.0 | 7.8 | 151.4 | 32.41 | 150.5 | 33.00 | 147.7 | 33.00 | 146.1 | 32.93 | 142.4 | 32.18 | 131.4 | 29.38 | 120.6 | 26.67 |
| | 12.0 | 10.6 | 159.9 | 33.14 | 157.2 | 33.28 | 153.4 | 33.00 | 147.9 | 31.65 | 142.4 | 30.30 | 131.4 | 27.70 | 120.6 | 25.15 |
| | 15.0 | 13.5 | 167.2 | 33.50 | 163.8 | 33.46 | 153.4 | 31.05 | 147.9 | 29.77 | 142.4 | 28.52 | 131.4 | 26.05 | 120.6 | 23.67 |
| 141.6 (120%) | -20.0 | -20.7 | 73.3 | 25.26 | 72.3 | 25.52 | 71.4 | 25.79 | 70.9 | 25.94 | 70.4 | 26.06 | 69.7 | 26.35 | 68.8 | 26.62 |
| | -15.0 | -16.0 | 83.9 | 26.48 | 83.1 | 26.82 | 82.4 | 27.15 | 82.1 | 27.32 | 81.6 | 27.49 | 80.9 | 27.83 | 80.3 | 28.19 |
| | -12.0 | -13.0 | 91.5 | 27.28 | 90.7 | 27.65 | 90.0 | 28.03 | 89.7 | 28.22 | 89.4 | 28.41 | 88.6 | 28.79 | 88.1 | 29.18 |
| | -9.0 | -10.0 | 99.3 | 28.09 | 98.5 | 28.50 | 98.0 | 28.90 | 97.7 | 29.12 | 97.4 | 29.33 | 96.6 | 29.76 | 96.0 | 30.17 |
| | -7.0 | -8.0 | 104.6 | 28.62 | 104.1 | 29.07 | 103.4 | 29.51 | 103.2 | 29.72 | 102.7 | 29.96 | 102.1 | 30.39 | 101.0 | 30.65 |
| | -5.0 | -6.0 | 110.2 | 29.18 | 109.6 | 29.63 | 109.0 | 30.11 | 108.7 | 30.34 | 108.4 | 30.58 | 107.6 | 31.04 | 105.2 | 30.85 |
| | -3.0 | -4.0 | 116.0 | 29.73 | 115.2 | 30.21 | 114.6 | 30.71 | 114.2 | 30.95 | 113.9 | 31.21 | 112.4 | 31.35 | 109.6 | 31.08 |
| | -1.0 | -2.0 | 121.5 | 30.29 | 120.9 | 30.81 | 120.3 | 31.31 | 120.0 | 31.57 | 119.6 | 31.81 | 116.8 | 31.55 | 111.2 | 30.33 |
| | 0.0 | -1.0 | 124.6 | 30.58 | 123.8 | 31.10 | 123.2 | 31.62 | 122.8 | 31.88 | 121.8 | 31.89 | 119.0 | 31.67 | 111.2 | 29.64 |
| | 2.0 | 1.0 | 130.4 | 31.15 | 129.7 | 31.67 | 128.9 | 32.22 | 127.6 | 32.17 | 126.2 | 32.07 | 121.4 | 31.18 | 111.2 | 28.32 |
| | 5.0 | 4.0 | 139.2 | 32.01 | 138.4 | 32.58 | 135.7 | 32.52 | 134.2 | 32.46 | 131.4 | 31.90 | 121.4 | 29.17 | 111.2 | 26.51 |
| | 7.0 | 6.0 | 145.2 | 32.58 | 143.2 | 32.80 | 140.2 | 32.71 | 136.6 | 31.88 | 131.4 | 30.55 | 121.4 | 27.93 | 111.2 | 25.39 |
| | 9.0 | 7.8 | 150.2 | 33.02 | 147.2 | 32.96 | 141.6 | 31.96 | 136.6 | 30.66 | 131.4 | 29.38 | 121.4 | 26.88 | 111.2 | 24.43 |
| | 12.0 | 10.6 | 156.6 | 33.24 | 151.8 | 32.59 | 141.6 | 30.10 | 136.6 | 28.90 | 131.4 | 27.70 | 121.4 | 25.33 | 111.2 | 23.05 |
| | 15.0 | 13.5 | 161.8 | 33.03 | 151.8 | 30.66 | 141.6 | 28.32 | 136.6 | 27.20 | 131.4 | 26.05 | 121.4 | 23.85 | 111.2 | 21.70 |
| 129.8 (110%) | -20.0 | -20.7 | 72.6 | 25.43 | 71.6 | 25.70 | 70.8 | 25.97 | 70.4 | 26.09 | 69.9 | 26.23 | 69.0 | 26.52 | 68.3 | 26.79 |
| | -15.0 | -16.0 | 83.4 | 26.73 | 82.6 | 27.07 | 81.9 | 27.40 | 81.6 | 27.57 | 81.1 | 27.74 | 80.4 | 28.08 | 79.8 | 28.43 |
| | -12.0 | -13.0 | 90.9 | 27.58 | 90.2 | 27.94 | 89.5 | 28.33 | 89.1 | 28.52 | 88.8 | 28.71 | 88.1 | 29.09 | 87.5 | 29.47 |
| | -9.0 | -10.0 | 98.7 | 28.44 | 97.9 | 28.86 | 97.4 | 29.27 | 97.1 | 29.48 | 96.8 | 29.70 | 96.2 | 30.11 | 94.2 | 30.05 |
| | -7.0 | -8.0 | 104.1 | 29.04 | 103.5 | 29.47 | 102.8 | 29.92 | 102.6 | 30.13 | 102.1 | 30.35 | 101.0 | 30.61 | 98.4 | 30.30 |
| | -5.0 | -6.0 | 109.6 | 29.62 | 109.0 | 30.09 | 108.3 | 30.55 | 108.1 | 30.79 | 107.8 | 31.02 | 105.2 | 30.83 | 102.0 | 30.29 |
| | -3.0 | -4.0 | 115.1 | 30.22 | 114.5 | 30.72 | 113.9 | 31.20 | 113.5 | 31.42 | 112.2 | 31.29 | 109.6 | 31.08 | 102.0 | 28.89 |
| | -1.0 | -2.0 | 120.9 | 30.85 | 120.2 | 31.35 | 119.1 | 31.71 | 117.9 | 31.60 | 116.4 | 31.51 | 111.2 | 30.33 | 102.0 | 27.57 |
| | 0.0 | -1.0 | 123.7 | 31.16 | 123.1 | 31.66 | 121.3 | 31.80 | 119.9 | 31.71 | 118.6 | 31.63 | 111.2 | 29.64 | 102.0 | 26.96 |
| | 2.0 | 1.0 | 129.5 | 31.76 | 128.4 | 32.15 | 125.7 | 32.02 | 124.3 | 31.95 | 120.6 | 30.95 | 111.2 | 28.32 | 102.0 | 25.77 |
| | 5.0 | 4.0 | 137.8 | 32.55 | 135.0 | 32.45 | 129.8 | 31.44 | 125.1 | 30.19 | 120.6 | 28.94 | 111.2 | 26.51 | 102.0 | 24.14 |
| | 7.0 | 6.0 | 142.2 | 32.74 | 139.0 | 32.54 | 129.8 | 30.09 | 125.1 | 28.92 | 120.6 | 27.72 | 111.2 | 25.39 | 102.0 | 23.12 |
| | 9.0 | 7.8 | 146.2 | 32.91 | 139.0 | 31.32 | 129.8 | 28.97 | 125.1 | 27.82 | 120.6 | 26.67 | 111.2 | 24.43 | 102.0 | 22.25 |
| | 12.0 | 10.6 | 148.4 | 31.75 | 139.0 | 29.49 | 129.8 | 27.29 | 125.1 | 26.22 | 120.6 | 25.15 | 111.2 | 23.05 | 102.0 | 20.98 |
| | 15.0 | 13.5 | 148.4 | 29.87 | 139.0 | 27.76 | 129.8 | 25.69 | 125.1 | 24.67 | 120.6 | 23.67 | 111.2 | 21.70 | 102.0 | 19.78 |

MODEL SELECTION

| Heating capacity at rated condition: 131.5 kW (42HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 118.0 (100%) | -20.0 | -20.7 | 71.8 | 25.63 | 71.1 | 25.90 | 70.2 | 26.17 | 69.7 | 26.31 | 69.2 | 26.44 | 68.5 | 26.72 | 67.6 | 26.99 |
| | -15.0 | -16.0 | 82.8 | 27.03 | 82.1 | 27.36 | 81.3 | 27.70 | 80.8 | 27.87 | 80.6 | 28.04 | 79.8 | 28.37 | 79.1 | 28.73 |
| | -12.0 | -13.0 | 90.2 | 27.93 | 89.6 | 28.31 | 88.8 | 28.69 | 88.6 | 28.88 | 88.3 | 29.08 | 87.5 | 29.46 | 85.6 | 29.28 |
| | -9.0 | -10.0 | 97.9 | 28.87 | 97.3 | 29.28 | 96.7 | 29.71 | 96.5 | 29.92 | 96.2 | 30.12 | 94.0 | 29.98 | 91.6 | 29.70 |
| | -7.0 | -8.0 | 103.4 | 29.51 | 102.8 | 29.96 | 102.1 | 30.39 | 101.8 | 30.62 | 100.6 | 30.50 | 98.2 | 30.26 | 92.8 | 28.70 |
| | -5.0 | -6.0 | 108.9 | 30.16 | 108.1 | 30.63 | 107.3 | 30.96 | 106.0 | 30.85 | 104.8 | 30.75 | 101.2 | 30.04 | 92.8 | 27.33 |
| | -3.0 | -4.0 | 114.4 | 30.83 | 113.8 | 31.30 | 111.5 | 31.20 | 110.2 | 31.11 | 109.0 | 31.02 | 101.2 | 28.62 | 92.8 | 26.06 |
| | -1.0 | -2.0 | 119.9 | 31.50 | 118.2 | 31.59 | 115.8 | 31.45 | 113.8 | 31.07 | 109.6 | 29.82 | 101.2 | 27.32 | 92.8 | 24.89 |
| | 0.0 | -1.0 | 122.8 | 31.83 | 120.4 | 31.70 | 117.9 | 31.59 | 113.8 | 30.38 | 109.6 | 29.13 | 101.2 | 26.71 | 92.8 | 24.33 |
| | 2.0 | 1.0 | 127.2 | 32.04 | 124.8 | 31.97 | 118.0 | 30.21 | 113.8 | 29.03 | 109.6 | 27.86 | 101.2 | 25.54 | 92.8 | 23.29 |
| | 5.0 | 4.0 | 133.8 | 32.42 | 126.4 | 30.52 | 118.0 | 28.28 | 113.8 | 27.18 | 109.6 | 26.08 | 101.2 | 23.91 | 92.8 | 21.81 |
| | 7.0 | 6.0 | 134.8 | 31.44 | 126.4 | 29.23 | 118.0 | 27.08 | 113.8 | 26.03 | 109.6 | 24.98 | 101.2 | 22.91 | 92.8 | 20.89 |
| | 9.0 | 7.8 | 134.8 | 30.22 | 126.4 | 28.13 | 118.0 | 26.06 | 113.8 | 25.04 | 109.6 | 24.04 | 101.2 | 22.05 | 92.8 | 20.13 |
| | 12.0 | 10.6 | 134.8 | 28.49 | 126.4 | 26.50 | 118.0 | 24.56 | 113.8 | 23.61 | 109.6 | 22.67 | 101.2 | 20.80 | 92.8 | 18.98 |
| | 15.0 | 13.5 | 134.8 | 26.81 | 126.4 | 24.95 | 118.0 | 23.13 | 113.8 | 22.24 | 109.6 | 21.35 | 101.2 | 19.60 | 92.8 | 17.89 |
| 106.2 (90%) | -20.0 | -20.7 | 71.1 | 25.88 | 70.2 | 26.15 | 69.4 | 26.42 | 69.0 | 26.56 | 68.5 | 26.68 | 67.8 | 26.97 | 67.0 | 27.24 |
| | -15.0 | -16.0 | 82.0 | 27.37 | 81.3 | 27.71 | 80.5 | 28.05 | 80.1 | 28.22 | 79.8 | 28.38 | 79.0 | 28.72 | 77.0 | 28.42 |
| | -12.0 | -13.0 | 89.3 | 28.37 | 88.8 | 28.75 | 88.1 | 29.12 | 87.7 | 29.31 | 87.4 | 29.47 | 85.0 | 29.16 | 82.8 | 28.87 |
| | -9.0 | -10.0 | 97.3 | 29.39 | 96.5 | 29.82 | 95.6 | 30.10 | 94.5 | 29.98 | 93.4 | 29.87 | 91.0 | 29.61 | 83.4 | 26.98 |
| | -7.0 | -8.0 | 102.5 | 30.09 | 102.0 | 30.54 | 99.7 | 30.35 | 98.5 | 30.27 | 97.4 | 30.17 | 91.0 | 28.14 | 83.4 | 25.66 |
| | -5.0 | -6.0 | 108.0 | 30.81 | 106.0 | 30.81 | 103.9 | 30.65 | 102.5 | 30.44 | 98.6 | 29.22 | 91.0 | 26.80 | 83.4 | 24.45 |
| | -3.0 | -4.0 | 112.6 | 31.19 | 110.4 | 31.09 | 106.2 | 30.20 | 102.5 | 29.02 | 98.6 | 27.85 | 91.0 | 25.57 | 83.4 | 23.33 |
| | -1.0 | -2.0 | 116.8 | 31.47 | 113.8 | 31.07 | 106.2 | 28.80 | 102.5 | 27.70 | 98.6 | 26.60 | 91.0 | 24.41 | 83.4 | 22.28 |
| | 0.0 | -1.0 | 119.0 | 31.63 | 113.8 | 30.38 | 106.2 | 28.16 | 102.5 | 27.07 | 98.6 | 25.99 | 91.0 | 23.87 | 83.4 | 21.80 |
| | 2.0 | 1.0 | 121.4 | 31.18 | 113.8 | 29.03 | 106.2 | 26.92 | 102.5 | 25.89 | 98.6 | 24.85 | 91.0 | 22.83 | 83.4 | 20.85 |
| | 5.0 | 4.0 | 121.4 | 29.17 | 113.8 | 27.18 | 106.2 | 25.21 | 102.5 | 24.24 | 98.6 | 23.29 | 91.0 | 21.40 | 83.4 | 19.53 |
| | 7.0 | 6.0 | 121.4 | 27.93 | 113.8 | 26.03 | 106.2 | 24.14 | 102.5 | 23.22 | 98.6 | 22.30 | 91.0 | 20.51 | 83.4 | 18.74 |
| | 9.0 | 7.8 | 121.4 | 26.88 | 113.8 | 25.04 | 106.2 | 23.25 | 102.5 | 22.36 | 98.6 | 21.48 | 91.0 | 19.74 | 83.4 | 18.05 |
| | 12.0 | 10.6 | 121.4 | 25.33 | 113.8 | 23.61 | 106.2 | 21.93 | 102.5 | 21.08 | 98.6 | 20.26 | 91.0 | 18.63 | 83.4 | 17.03 |
| | 15.0 | 13.5 | 121.4 | 23.85 | 113.8 | 22.24 | 106.2 | 20.65 | 102.5 | 19.86 | 98.6 | 19.09 | 91.0 | 17.56 | 83.4 | 16.07 |
| 94.4 (80%) | -20.0 | -20.7 | 70.1 | 26.18 | 69.4 | 26.45 | 68.5 | 26.72 | 68.0 | 26.86 | 67.7 | 26.99 | 66.8 | 27.27 | 65.4 | 27.22 |
| | -15.0 | -16.0 | 81.0 | 27.82 | 80.3 | 28.16 | 79.6 | 28.49 | 79.2 | 28.66 | 78.4 | 28.57 | 76.2 | 28.26 | 74.0 | 27.97 |
| | -12.0 | -13.0 | 88.5 | 28.91 | 87.7 | 29.29 | 86.2 | 29.24 | 85.2 | 29.12 | 84.0 | 29.01 | 81.0 | 28.24 | 74.2 | 25.77 |
| | -9.0 | -10.0 | 96.2 | 30.05 | 94.2 | 29.88 | 92.1 | 29.73 | 91.0 | 29.61 | 87.6 | 28.44 | 81.0 | 26.12 | 74.2 | 23.84 |
| | -7.0 | -8.0 | 100.2 | 30.34 | 98.2 | 30.22 | 94.4 | 29.27 | 91.0 | 28.14 | 87.6 | 27.04 | 81.0 | 24.85 | 74.2 | 22.70 |
| | -5.0 | -6.0 | 104.4 | 30.65 | 101.2 | 30.04 | 94.4 | 27.87 | 91.0 | 26.80 | 87.6 | 25.75 | 81.0 | 23.68 | 74.2 | 21.63 |
| | -3.0 | -4.0 | 107.8 | 30.71 | 101.2 | 28.62 | 94.4 | 26.57 | 91.0 | 25.57 | 87.6 | 24.56 | 81.0 | 22.58 | 74.2 | 20.64 |
| | -1.0 | -2.0 | 107.8 | 29.31 | 101.2 | 27.32 | 94.4 | 25.38 | 91.0 | 24.41 | 87.6 | 23.46 | 81.0 | 21.59 | 74.2 | 19.72 |
| | 0.0 | -1.0 | 107.8 | 28.65 | 101.2 | 26.71 | 94.4 | 24.82 | 91.0 | 23.87 | 87.6 | 22.95 | 81.0 | 21.11 | 74.2 | 19.29 |
| | 2.0 | 1.0 | 107.8 | 27.38 | 101.2 | 25.54 | 94.4 | 23.72 | 91.0 | 22.83 | 87.6 | 21.95 | 81.0 | 20.19 | 74.2 | 18.47 |
| | 5.0 | 4.0 | 107.8 | 25.64 | 101.2 | 23.91 | 94.4 | 22.22 | 91.0 | 21.40 | 87.6 | 20.56 | 81.0 | 18.94 | 74.2 | 17.33 |
| | 7.0 | 6.0 | 107.8 | 24.55 | 101.2 | 22.91 | 94.4 | 21.30 | 91.0 | 20.51 | 87.6 | 19.71 | 81.0 | 18.15 | 74.2 | 16.62 |
| | 9.0 | 7.8 | 107.8 | 23.63 | 101.2 | 22.05 | 94.4 | 20.51 | 91.0 | 19.74 | 87.6 | 18.98 | 81.0 | 17.49 | 74.2 | 16.02 |
| | 12.0 | 10.6 | 107.8 | 22.29 | 101.2 | 20.80 | 94.4 | 19.34 | 91.0 | 18.63 | 87.6 | 17.93 | 81.0 | 16.52 | 74.2 | 15.13 |
| | 15.0 | 13.5 | 107.8 | 20.99 | 101.2 | 19.60 | 94.4 | 18.22 | 91.0 | 17.56 | 87.6 | 16.89 | 81.0 | 15.58 | 74.2 | 14.27 |
| 82.6 (70%) | -20.0 | -20.7 | 68.9 | 26.56 | 68.2 | 26.83 | 67.3 | 27.12 | 67.0 | 27.24 | 66.4 | 27.33 | 64.4 | 26.97 | 62.4 | 26.63 |
| | -15.0 | -16.0 | 79.7 | 28.37 | 78.8 | 28.53 | 76.8 | 28.28 | 75.9 | 28.17 | 74.8 | 28.05 | 70.8 | 26.69 | 64.8 | 24.39 |
| | -12.0 | -13.0 | 86.2 | 29.18 | 84.4 | 29.00 | 82.5 | 28.84 | 79.7 | 27.78 | 76.6 | 26.71 | 70.8 | 24.56 | 64.8 | 22.45 |
| | -9.0 | -10.0 | 92.2 | 29.71 | 88.6 | 28.72 | 82.6 | 26.68 | 79.7 | 25.68 | 76.6 | 24.69 | 70.8 | 22.72 | 64.8 | 20.80 |
| | -7.0 | -8.0 | 94.4 | 29.27 | 88.4 | 27.30 | 82.6 | 25.38 | 79.7 | 24.44 | 76.6 | 23.49 | 70.8 | 21.63 | 64.8 | 19.79 |
| | -5.0 | -6.0 | 94.4 | 27.87 | 88.4 | 26.01 | 82.6 | 24.19 | 79.7 | 23.29 | 76.6 | 22.40 | 70.8 | 20.61 | 64.8 | 18.89 |
| | -3.0 | -4.0 | 94.4 | 26.57 | 88.6 | 24.81 | 82.6 | 23.07 | 79.7 | 22.22 | 76.6 | 21.36 | 70.8 | 19.69 | 64.8 | 18.03 |
| | -1.0 | -2.0 | 94.4 | 25.38 | 88.4 | 23.69 | 82.6 | 22.05 | 79.7 | 21.23 | 76.6 | 20.42 | 70.8 | 18.82 | 64.8 | 17.24 |
| | 0.0 | -1.0 | 94.4 | 24.82 | 88.4 | 23.18 | 82.6 | 21.57 | 79.7 | 20.77 | 76.6 | 19.98 | 70.8 | 18.42 | 64.8 | 16.88 |
| | 2.0 | 1.0 | 94.4 | 23.72 | 88.4 | 22.16 | 82.6 | 20.63 | 79.7 | 19.86 | 76.6 | 19.12 | 70.8 | 17.63 | 64.8 | 16.17 |
| | 5.0 | 4.0 | 94.4 | 22.22 | 88.4 | 20.76 | 82.6 | 19.35 | 79.7 | 18.63 | 76.6 | 17.94 | 70.8 | 16.53 | 64.8 | 15.17 |
| | 7.0 | 6.0 | 94.4 | 21.30 | 88.4 | 19.92 | 82.6 | 18.54 | 79.7 | 17.87 | 76.6 | 17.20 | 70.8 | 15.87 | 64.8 | 14.56 |
| | 9.0 | 7.8 | 94.4 | 20.51 | 88.4 | 19.18 | 82.6 | 17.87 | 79.7 | 17.21 | 76.6 | 16.57 | 70.8 | 15.30 | 64.8 | 14.05 |
| | 12.0 | 10.6 | 94.4 | 19.34 | 88.6 | 18.09 | 82.6 | 16.86 | 79.7 | 16.26 | 76.6 | 15.65 | 70.8 | 14.44 | 64.8 | 13.28 |
| | 15.0 | 13.5 | 94.4 | 18.22 | 88.4 | 17.06 | 82.6 | 15.91 | 79.7 | 15.32 | 76.6 | 14.76 | 70.8 | 13.65 | 64.8 | 12.54 |
| 70.8 (60%) | -20.0 | -20.7 | 67.4 | 27.07 | 66.4 | 27.19 | 64.5 | 26.93 | 63.6 | 26.78 | 62.8 | 26.66 | 60.6 | 26.27 | 55.6 | 24.03 |
| | -15.0 | -16.0 | 76.4 | 28.18 | 74.6 | 28.02 | 70.8 | 26.69 | 68.2 | 25.69 | 65.8 | 24.72 | 60.6 | 22.76 | 55.6 | 20.84 |
| | -12.0 | -13.0 | 81.0 | 28.24 | 75.8 | 26.40 | 70.8 | 24.56 | 68.2 | 23.65 | 65.8 | 22.75 | 60.6 | 20.96 | 55.6 | 19.22 |
| | -9.0 | -10.0 | 81.0 | 26.12 | 75.8 | 24.40 | 70.8 | 22.72 | 68.2 | 21.90 | 65.8 | 21.06 | 60.6 | 19.42 | 55.6 | 17.81 |
| | -7.0 | -8.0 | 81.0 | 24.85 | 75.8 | 23.21 | 70.8 | 21.63 | 68.2 | 20.83 | 65.8 | 20.06 | 60.6 | 18.50 | 55.6 | 16.97 |
| | -5.0 | -6.0 | 81.0 | 23.68 | 75.8 | 22.14 | 70.8 | 20.61 | 68.2 | 19.87 | 65.8 | 19.12 | 60.6 | 17.66 | 55.6 | 16.20 |
| | -3.0 | -4.0 | 81.0 | 22.58 | 75.8 | 21.13 | 70.8 | 19.69 | 68.2 | 18.98 | 65.8 | 18.26 | 60.6 | 16.87 | 55.6 | 15.49 |
| | -1.0 | -2.0 | 81.0 | 21.59 | 75.8 | 20.19 | 70.8 | 18.82 | 68.2 | 18.14 | 65.8 | 17.47 | 60.6 | 16.14 | 55.6 | 14.83 |
| | 0.0 | -1.0 | 81.0 | 21.11 | 75.8 | 19.75 | 70.8 | 18.42 | 68.2 | 17.75 | 65.8 | 17.09 | 60.6 | 15.80 | 55.6 | 14.52 |
| | 2.0 | 1.0 | 81.0 | 20.19 | 75.8 | 18.91 | 70.8 | 17.63 | 68.2 | 16.99 | 65.8 | 16.37 | 60.6 | 15.14 | 55.6 | 13.91 |
| | 5.0 | 4.0 | 81.0 | 18.94 | 75.8 | 17.74 | 70.8 | 16.53 | 68.2 | 15.96 | 65.8 | 15.38 | 60.6 | 14.22 | 55.6 | 13.07 |
| | 7.0 | 6.0 | 81.0 | 18.15 | 75.8 | 17.00 | 70.8 | 15.87 | 68.2 | 15.30 | 65.8 | 14.74 | 60.6 | 13.66 | 55.6 | 12.56 |
| | 9.0 | 7.8 | 81.0 | 17.49 | 75.8 | 16.39 | 70.8 | 15.30 | 68.2 | 14.77 | 65.8 | 14.23 | 60.6 | 13.15 | 55.6 | 12.12 |
| | 12.0 | 10.6 | 81.0 | 16.52 | 75.8 | 15.47 | 70.8 | 14.44 | 68.2 | 13.95 | 65.8 | 13.44 | 60.6 | 12.46 | 55.6 | 11.46 |
| | 15.0 | 13.5 | 81.0 | 15.58 | 75.8 | 14.60 | 70.8 | 13.65 | 68.2 | 13.16 | 65.8 | 12.70 | 60.6 | 11.75 | 55.6 | 10.84 |

MODEL SELECTION

| Heating capacity at rated condition: 131.5 kW (42HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 59.0 (50%) | -20.0 | -20.7 | 63.4 | 26.70 | 61.8 | 26.51 | 59.0 | 25.51 | 56.9 | 24.59 | 54.8 | 23.65 | 50.6 | 21.81 | 46.4 | 20.00 |
| | -15.0 | -16.0 | 67.4 | 25.36 | 63.2 | 23.73 | 59.0 | 22.12 | 56.9 | 21.32 | 54.8 | 20.53 | 50.6 | 18.95 | 46.4 | 17.39 |
| | -12.0 | -13.0 | 67.4 | 23.34 | 63.2 | 21.86 | 59.0 | 20.38 | 56.9 | 19.66 | 54.8 | 18.92 | 50.6 | 17.48 | 46.4 | 16.05 |
| | -9.0 | -10.0 | 67.4 | 21.62 | 63.2 | 20.24 | 59.0 | 18.88 | 56.9 | 18.21 | 54.8 | 17.55 | 50.6 | 16.22 | 46.4 | 14.91 |
| | -7.0 | -8.0 | 67.4 | 20.58 | 63.2 | 19.27 | 59.0 | 17.99 | 56.9 | 17.35 | 54.8 | 16.73 | 50.6 | 15.48 | 46.4 | 14.22 |
| | -5.0 | -6.0 | 67.4 | 19.63 | 63.2 | 18.38 | 59.0 | 17.17 | 56.9 | 16.56 | 54.8 | 15.97 | 50.6 | 14.77 | 46.4 | 13.61 |
| | -3.0 | -4.0 | 67.4 | 18.74 | 63.2 | 17.57 | 59.0 | 16.41 | 56.9 | 15.84 | 54.8 | 15.26 | 50.6 | 14.13 | 46.4 | 13.02 |
| | -1.0 | -2.0 | 67.4 | 17.93 | 63.2 | 16.80 | 59.0 | 15.70 | 56.9 | 15.16 | 54.8 | 14.62 | 50.6 | 13.54 | 46.4 | 12.46 |
| | 0.0 | -1.0 | 67.4 | 17.52 | 63.2 | 16.44 | 59.0 | 15.37 | 56.9 | 14.83 | 54.8 | 14.29 | 50.6 | 13.24 | 46.4 | 12.21 |
| | 2.0 | 1.0 | 67.4 | 16.78 | 63.2 | 15.75 | 59.0 | 14.73 | 56.9 | 14.21 | 54.8 | 13.70 | 50.6 | 12.70 | 46.4 | 11.72 |
| | 5.0 | 4.0 | 67.4 | 15.76 | 63.2 | 14.79 | 59.0 | 13.84 | 56.9 | 13.35 | 54.8 | 12.89 | 50.6 | 11.96 | 46.4 | 11.03 |
| | 7.0 | 6.0 | 67.4 | 15.12 | 63.2 | 14.20 | 59.0 | 13.28 | 56.9 | 12.84 | 54.8 | 12.38 | 50.6 | 11.48 | 46.4 | 10.60 |
| | 9.0 | 7.8 | 67.4 | 14.59 | 63.2 | 13.69 | 59.0 | 12.81 | 56.9 | 12.38 | 54.8 | 11.94 | 50.6 | 11.09 | 46.4 | 10.24 |
| | 12.0 | 10.6 | 67.4 | 13.77 | 63.2 | 12.95 | 59.0 | 12.13 | 56.9 | 11.71 | 54.8 | 11.30 | 50.6 | 10.50 | 46.4 | 9.71 |
| | 15.0 | 13.5 | 67.4 | 13.01 | 63.2 | 12.23 | 59.0 | 11.44 | 56.9 | 11.08 | 54.8 | 10.69 | 50.6 | 9.94 | 46.4 | 9.19 |

# ■ Model: AJ∗396GALDH

| Heating capacity at rated condition: 137.5 kW (44HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 185.2 (150%) | -20.0 | -20.7 | 74.6 | 25.43 | 73.7 | 25.73 | 72.8 | 26.03 | 72.3 | 26.19 | 71.8 | 26.35 | 71.1 | 26.65 | 70.2 | 26.98 |
| | -15.0 | -16.0 | 85.6 | 26.57 | 84.9 | 26.94 | 84.2 | 27.32 | 83.7 | 27.51 | 83.4 | 27.70 | 82.7 | 28.08 | 82.0 | 28.48 |
| | -12.0 | -13.0 | 93.3 | 27.27 | 92.7 | 27.69 | 92.0 | 28.12 | 91.7 | 28.33 | 91.3 | 28.55 | 90.7 | 28.97 | 90.0 | 29.40 |
| | -9.0 | -10.0 | 101.4 | 27.98 | 100.8 | 28.44 | 100.2 | 28.91 | 99.8 | 29.13 | 99.5 | 29.37 | 99.0 | 29.85 | 98.2 | 30.32 |
| | -7.0 | -8.0 | 107.1 | 28.44 | 106.4 | 28.94 | 105.8 | 29.42 | 105.5 | 29.69 | 105.3 | 29.93 | 104.7 | 30.43 | 103.9 | 30.91 |
| | -5.0 | -6.0 | 112.9 | 28.92 | 112.3 | 29.43 | 111.6 | 29.95 | 111.3 | 30.22 | 111.0 | 30.48 | 110.4 | 30.99 | 109.9 | 31.52 |
| | -3.0 | -4.0 | 118.7 | 29.40 | 118.1 | 29.93 | 117.5 | 30.48 | 117.2 | 30.75 | 117.0 | 31.01 | 116.4 | 31.57 | 115.6 | 32.12 |
| | -1.0 | -2.0 | 124.9 | 29.87 | 124.1 | 30.43 | 123.6 | 30.99 | 123.2 | 31.28 | 122.9 | 31.56 | 122.3 | 32.14 | 121.5 | 32.70 |
| | 0.0 | -1.0 | 127.9 | 30.10 | 127.3 | 30.68 | 126.6 | 31.26 | 126.2 | 31.55 | 125.9 | 31.84 | 125.3 | 32.42 | 124.7 | 33.00 |
| | 2.0 | 1.0 | 134.1 | 30.57 | 133.3 | 31.17 | 132.7 | 31.76 | 132.4 | 32.07 | 132.1 | 32.36 | 131.3 | 32.97 | 130.6 | 33.58 |
| | 5.0 | 4.0 | 143.6 | 31.26 | 142.7 | 31.89 | 142.0 | 32.52 | 141.6 | 32.84 | 141.3 | 33.15 | 140.4 | 33.81 | 139.1 | 34.24 |
| | 7.0 | 6.0 | 149.8 | 31.72 | 149.0 | 32.38 | 148.3 | 33.03 | 147.8 | 33.35 | 147.5 | 33.69 | 146.6 | 34.35 | 143.1 | 34.18 |
| | 9.0 | 7.8 | 155.7 | 32.14 | 154.8 | 32.81 | 153.9 | 33.47 | 153.4 | 33.81 | 153.1 | 34.15 | 152.2 | 34.83 | 143.1 | 32.89 |
| | 12.0 | 10.6 | 164.6 | 32.78 | 163.7 | 33.47 | 162.7 | 34.17 | 162.3 | 34.51 | 161.7 | 34.86 | 157.3 | 34.45 | 143.1 | 30.97 |
| | 15.0 | 13.5 | 174.0 | 33.43 | 172.9 | 34.14 | 171.8 | 34.85 | 171.2 | 35.21 | 170.6 | 35.58 | 157.3 | 32.40 | 143.1 | 29.15 |
| 172.9 (140%) | -20.0 | -20.7 | 74.2 | 25.56 | 73.4 | 25.86 | 72.5 | 26.16 | 72.1 | 26.32 | 71.6 | 26.46 | 70.7 | 26.78 | 69.8 | 27.08 |
| | -15.0 | -16.0 | 85.4 | 26.72 | 84.6 | 27.10 | 83.8 | 27.48 | 83.5 | 27.67 | 83.2 | 27.86 | 82.5 | 28.25 | 81.7 | 28.63 |
| | -12.0 | -13.0 | 93.0 | 27.47 | 92.3 | 27.90 | 91.7 | 28.32 | 91.3 | 28.52 | 91.0 | 28.73 | 90.3 | 29.16 | 89.7 | 29.61 |
| | -9.0 | -10.0 | 101.1 | 28.21 | 100.6 | 28.69 | 99.9 | 29.14 | 99.5 | 29.38 | 99.3 | 29.62 | 98.7 | 30.08 | 98.0 | 30.56 |
| | -7.0 | -8.0 | 106.7 | 28.72 | 106.1 | 29.20 | 105.5 | 29.70 | 105.3 | 29.94 | 105.0 | 30.18 | 104.2 | 30.69 | 103.7 | 31.19 |
| | -5.0 | -6.0 | 112.4 | 29.22 | 111.9 | 29.73 | 111.3 | 30.26 | 111.0 | 30.52 | 110.7 | 30.77 | 110.1 | 31.29 | 109.4 | 31.82 |
| | -3.0 | -4.0 | 118.4 | 29.73 | 117.8 | 30.26 | 117.2 | 30.81 | 116.9 | 31.08 | 116.5 | 31.34 | 115.9 | 31.90 | 115.3 | 32.45 |
| | -1.0 | -2.0 | 124.4 | 30.23 | 123.8 | 30.78 | 123.2 | 31.36 | 122.9 | 31.63 | 122.4 | 31.92 | 121.8 | 32.50 | 121.2 | 33.08 |
| | 0.0 | -1.0 | 127.4 | 30.48 | 126.8 | 31.06 | 126.2 | 31.64 | 125.9 | 31.93 | 125.6 | 32.22 | 124.8 | 32.80 | 124.2 | 33.38 |
| | 2.0 | 1.0 | 133.6 | 30.97 | 133.0 | 31.58 | 132.3 | 32.18 | 131.9 | 32.48 | 131.6 | 32.79 | 130.9 | 33.39 | 129.5 | 33.78 |
| | 5.0 | 4.0 | 143.0 | 31.73 | 142.2 | 32.37 | 141.5 | 33.00 | 141.0 | 33.31 | 140.7 | 33.63 | 139.9 | 34.26 | 133.7 | 33.04 |
| | 7.0 | 6.0 | 149.3 | 32.23 | 148.4 | 32.88 | 147.6 | 33.54 | 147.2 | 33.85 | 146.9 | 34.19 | 145.3 | 34.63 | 133.7 | 31.62 |
| | 9.0 | 7.8 | 154.9 | 32.68 | 154.1 | 33.34 | 153.2 | 34.00 | 152.8 | 34.34 | 152.3 | 34.68 | 146.7 | 33.79 | 133.7 | 30.44 |
| | 12.0 | 10.6 | 163.8 | 33.36 | 162.9 | 34.05 | 161.9 | 34.75 | 161.5 | 35.09 | 159.8 | 35.09 | 146.7 | 31.83 | 133.7 | 28.68 |
| | 15.0 | 13.5 | 173.0 | 34.06 | 171.9 | 34.77 | 170.8 | 35.49 | 166.5 | 34.57 | 159.8 | 33.00 | 146.7 | 29.94 | 133.7 | 26.99 |
| 160.5 (130%) | -20.0 | -20.7 | 73.9 | 25.69 | 73.0 | 25.99 | 72.1 | 26.29 | 71.6 | 26.45 | 71.2 | 26.59 | 70.3 | 26.91 | 69.5 | 27.23 |
| | -15.0 | -16.0 | 84.9 | 26.93 | 84.2 | 27.28 | 83.5 | 27.66 | 83.2 | 27.85 | 82.7 | 28.06 | 82.0 | 28.44 | 81.3 | 28.81 |
| | -12.0 | -13.0 | 92.5 | 27.70 | 92.0 | 28.13 | 91.3 | 28.55 | 91.0 | 28.75 | 90.5 | 28.96 | 90.0 | 29.39 | 89.3 | 29.84 |
| | -9.0 | -10.0 | 100.8 | 28.49 | 100.1 | 28.95 | 99.5 | 29.42 | 99.3 | 29.66 | 98.8 | 29.88 | 98.2 | 30.36 | 97.7 | 30.84 |
| | -7.0 | -8.0 | 106.4 | 29.03 | 105.8 | 29.51 | 105.1 | 30.01 | 104.8 | 30.25 | 104.5 | 30.51 | 103.9 | 30.99 | 103.4 | 31.50 |
| | -5.0 | -6.0 | 112.1 | 29.56 | 111.6 | 30.08 | 110.9 | 30.59 | 110.5 | 30.86 | 110.2 | 31.12 | 109.6 | 31.65 | 109.1 | 32.16 |
| | -3.0 | -4.0 | 117.9 | 30.11 | 117.3 | 30.64 | 116.7 | 31.19 | 116.4 | 31.46 | 116.1 | 31.72 | 115.6 | 32.28 | 114.8 | 32.83 |
| | -1.0 | -2.0 | 123.9 | 30.63 | 123.3 | 31.21 | 122.7 | 31.77 | 122.4 | 32.06 | 122.1 | 32.35 | 121.5 | 32.91 | 120.0 | 33.24 |
| | 0.0 | -1.0 | 127.1 | 30.91 | 126.3 | 31.49 | 125.7 | 32.07 | 125.4 | 32.36 | 125.1 | 32.65 | 124.5 | 33.23 | 122.2 | 33.30 |
| | 2.0 | 1.0 | 133.1 | 31.45 | 132.4 | 32.06 | 131.7 | 32.64 | 131.3 | 32.95 | 131.0 | 33.25 | 130.4 | 33.85 | 124.2 | 32.53 |
| | 5.0 | 4.0 | 142.3 | 32.26 | 141.6 | 32.90 | 140.8 | 33.53 | 140.5 | 33.84 | 140.1 | 34.16 | 136.2 | 33.74 | 124.2 | 30.43 |
| | 7.0 | 6.0 | 148.5 | 32.80 | 147.8 | 33.46 | 146.9 | 34.11 | 146.6 | 34.43 | 146.1 | 34.75 | 136.2 | 32.32 | 124.2 | 29.14 |
| | 9.0 | 7.8 | 154.1 | 33.29 | 153.2 | 33.95 | 152.4 | 34.63 | 152.0 | 34.94 | 148.4 | 34.23 | 136.2 | 31.08 | 124.2 | 28.05 |
| | 12.0 | 10.6 | 163.0 | 34.04 | 161.9 | 34.72 | 160.4 | 35.20 | 154.5 | 33.74 | 148.4 | 32.23 | 136.2 | 29.30 | 124.2 | 26.44 |
| | 15.0 | 13.5 | 171.9 | 34.78 | 170.8 | 35.49 | 160.5 | 33.17 | 154.5 | 31.73 | 148.4 | 30.33 | 136.2 | 27.55 | 124.2 | 24.88 |
| 148.2 (120%) | -20.0 | -20.7 | 73.5 | 25.84 | 72.6 | 26.14 | 71.6 | 26.44 | 71.2 | 26.60 | 70.7 | 26.74 | 70.0 | 27.06 | 69.1 | 27.37 |
| | -15.0 | -16.0 | 84.4 | 27.13 | 83.7 | 27.51 | 83.0 | 27.89 | 82.7 | 28.08 | 82.3 | 28.27 | 81.5 | 28.64 | 81.0 | 29.04 |
| | -12.0 | -13.0 | 92.3 | 27.98 | 91.5 | 28.39 | 90.9 | 28.81 | 90.5 | 29.03 | 90.3 | 29.24 | 89.5 | 29.67 | 89.0 | 30.10 |
| | -9.0 | -10.0 | 100.3 | 28.82 | 99.6 | 29.28 | 99.1 | 29.73 | 98.8 | 29.97 | 98.5 | 30.21 | 97.7 | 30.69 | 97.2 | 31.14 |
| | -7.0 | -8.0 | 105.9 | 29.38 | 105.3 | 29.88 | 104.7 | 30.37 | 104.5 | 30.61 | 104.0 | 30.87 | 103.4 | 31.35 | 102.9 | 31.85 |
| | -5.0 | -6.0 | 111.6 | 29.96 | 111.0 | 30.47 | 110.4 | 31.00 | 110.2 | 31.26 | 109.9 | 31.52 | 109.1 | 32.03 | 108.5 | 32.54 |
| | -3.0 | -4.0 | 117.6 | 30.54 | 116.8 | 31.07 | 116.2 | 31.62 | 115.9 | 31.89 | 115.6 | 32.18 | 115.0 | 32.71 | 112.9 | 32.70 |
| | -1.0 | -2.0 | 123.3 | 31.12 | 122.7 | 31.69 | 122.1 | 32.25 | 121.8 | 32.54 | 121.5 | 32.83 | 120.9 | 33.39 | 114.5 | 31.89 |
| | 0.0 | -1.0 | 126.5 | 31.41 | 125.7 | 31.99 | 125.1 | 32.57 | 124.8 | 32.86 | 124.5 | 33.15 | 123.4 | 33.56 | 114.5 | 31.17 |
| | 2.0 | 1.0 | 132.5 | 32.01 | 131.9 | 32.59 | 131.1 | 33.19 | 130.7 | 33.51 | 130.4 | 33.80 | 125.8 | 32.99 | 114.5 | 29.79 |
| | 5.0 | 4.0 | 141.7 | 32.89 | 140.8 | 33.52 | 140.1 | 34.15 | 139.7 | 34.47 | 136.9 | 33.94 | 125.8 | 30.87 | 114.5 | 27.89 |
| | 7.0 | 6.0 | 147.8 | 33.48 | 147.0 | 34.11 | 146.1 | 34.77 | 142.7 | 34.00 | 136.9 | 32.50 | 125.8 | 29.56 | 114.5 | 26.71 |
| | 9.0 | 7.8 | 153.3 | 33.99 | 152.4 | 34.67 | 148.2 | 34.16 | 142.7 | 32.70 | 136.9 | 31.26 | 125.8 | 28.45 | 114.5 | 25.70 |
| | 12.0 | 10.6 | 161.9 | 34.81 | 159.2 | 34.88 | 148.2 | 32.17 | 142.7 | 30.82 | 136.9 | 29.47 | 125.8 | 26.81 | 114.5 | 24.25 |
| | 15.0 | 13.5 | 169.4 | 35.19 | 159.5 | 32.90 | 148.2 | 30.27 | 142.7 | 29.00 | 136.9 | 27.71 | 125.8 | 25.24 | 114.5 | 22.83 |
| 135.8 (110%) | -20.0 | -20.7 | 72.8 | 26.02 | 71.9 | 26.32 | 71.1 | 26.62 | 70.7 | 26.76 | 70.3 | 26.92 | 69.3 | 27.25 | 68.6 | 27.55 |
| | -15.0 | -16.0 | 84.0 | 27.39 | 83.2 | 27.77 | 82.6 | 28.15 | 82.3 | 28.33 | 81.8 | 28.52 | 81.1 | 28.90 | 80.5 | 29.30 |
| | -12.0 | -13.0 | 91.8 | 28.29 | 91.0 | 28.70 | 90.4 | 29.12 | 90.0 | 29.34 | 89.8 | 29.55 | 89.0 | 29.98 | 88.5 | 30.40 |
| | -9.0 | -10.0 | 99.8 | 29.19 | 99.1 | 29.66 | 98.6 | 30.12 | 98.3 | 30.35 | 98.0 | 30.59 | 97.4 | 31.05 | 96.7 | 31.53 |
| | -7.0 | -8.0 | 105.3 | 29.81 | 104.8 | 30.30 | 104.2 | 30.80 | 104.0 | 31.04 | 103.5 | 31.28 | 102.9 | 31.78 | 101.4 | 31.93 |
| | -5.0 | -6.0 | 111.1 | 30.42 | 110.5 | 30.95 | 109.9 | 31.46 | 109.7 | 31.72 | 109.4 | 31.98 | 108.6 | 32.51 | 105.0 | 31.86 |
| | -3.0 | -4.0 | 116.8 | 31.05 | 116.2 | 31.60 | 115.7 | 32.13 | 115.4 | 32.42 | 115.1 | 32.69 | 113.6 | 32.93 | 105.0 | 30.39 |
| | -1.0 | -2.0 | 122.8 | 31.70 | 122.2 | 32.25 | 121.5 | 32.83 | 121.3 | 33.10 | 120.8 | 33.39 | 115.2 | 32.10 | 105.0 | 29.01 |
| | 0.0 | -1.0 | 125.7 | 32.02 | 125.1 | 32.58 | 124.5 | 33.16 | 124.0 | 33.45 | 123.6 | 33.71 | 115.2 | 31.38 | 105.0 | 28.37 |
| | 2.0 | 1.0 | 131.7 | 32.64 | 131.1 | 33.24 | 130.4 | 33.85 | 129.8 | 34.11 | 125.6 | 32.93 | 115.2 | 29.99 | 105.0 | 27.12 |
| | 5.0 | 4.0 | 140.8 | 33.62 | 140.0 | 34.23 | 135.8 | 33.62 | 130.6 | 32.21 | 125.6 | 30.81 | 115.2 | 28.08 | 105.0 | 25.41 |
| | 7.0 | 6.0 | 146.8 | 34.26 | 145.5 | 34.75 | 135.8 | 32.18 | 130.6 | 30.85 | 125.6 | 29.51 | 115.2 | 26.89 | 105.0 | 24.34 |
| | 9.0 | 7.8 | 152.2 | 34.82 | 146.1 | 33.62 | 135.8 | 30.98 | 130.6 | 29.68 | 125.6 | 28.39 | 115.2 | 25.87 | 105.0 | 23.43 |
| | 12.0 | 10.6 | 156.5 | 34.21 | 146.1 | 31.66 | 135.8 | 29.18 | 130.6 | 27.97 | 125.6 | 26.77 | 115.2 | 24.41 | 105.0 | 22.09 |
| | 15.0 | 13.5 | 156.5 | 32.18 | 146.1 | 29.79 | 135.8 | 27.46 | 130.6 | 26.32 | 125.6 | 25.19 | 115.2 | 22.98 | 105.0 | 20.82 |

MODEL SELECTION

| Heating capacity at rated condition: 137.5 kW (44HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 123.5 (100%) | -20.0 | -20.7 | 72.1 | 26.23 | 71.4 | 26.53 | 70.5 | 26.83 | 70.0 | 26.99 | 69.6 | 27.13 | 68.9 | 27.45 | 68.0 | 27.76 |
| | -15.0 | -16.0 | 83.5 | 27.70 | 82.8 | 28.08 | 82.0 | 28.45 | 81.6 | 28.64 | 81.3 | 28.83 | 80.6 | 29.21 | 79.9 | 29.61 |
| | -12.0 | -13.0 | 91.1 | 28.65 | 90.5 | 29.08 | 89.8 | 29.51 | 89.5 | 29.72 | 89.3 | 29.93 | 88.5 | 30.36 | 88.0 | 30.79 |
| | -9.0 | -10.0 | 99.1 | 29.64 | 98.6 | 30.10 | 98.0 | 30.57 | 97.7 | 30.81 | 97.5 | 31.03 | 96.7 | 31.51 | 94.4 | 31.25 |
| | -7.0 | -8.0 | 104.8 | 30.30 | 104.2 | 30.80 | 103.6 | 31.29 | 103.2 | 31.55 | 102.9 | 31.79 | 101.9 | 32.09 | 95.6 | 30.20 |
| | -5.0 | -6.0 | 110.5 | 30.98 | 109.7 | 31.51 | 109.2 | 32.02 | 108.9 | 32.28 | 108.6 | 32.54 | 104.9 | 31.79 | 95.6 | 28.76 |
| | -3.0 | -4.0 | 116.2 | 31.68 | 115.7 | 32.21 | 115.0 | 32.76 | 114.6 | 33.03 | 113.6 | 33.03 | 104.9 | 30.30 | 95.6 | 27.44 |
| | -1.0 | -2.0 | 122.0 | 32.38 | 121.4 | 32.93 | 120.8 | 33.49 | 118.8 | 33.15 | 114.2 | 31.74 | 104.9 | 28.94 | 95.6 | 26.21 |
| | 0.0 | -1.0 | 124.9 | 32.73 | 124.3 | 33.28 | 123.5 | 33.79 | 118.8 | 32.42 | 114.2 | 31.02 | 104.9 | 28.29 | 95.6 | 25.62 |
| | 2.0 | 1.0 | 130.8 | 33.42 | 130.2 | 34.02 | 123.5 | 32.31 | 118.8 | 30.99 | 114.2 | 29.67 | 104.9 | 27.06 | 95.6 | 24.53 |
| | 5.0 | 4.0 | 139.7 | 34.48 | 132.8 | 32.78 | 123.5 | 30.25 | 118.8 | 29.01 | 114.2 | 27.77 | 104.9 | 25.34 | 95.6 | 22.98 |
| | 7.0 | 6.0 | 142.1 | 33.88 | 132.8 | 31.39 | 123.5 | 28.97 | 118.8 | 27.79 | 114.2 | 26.61 | 104.9 | 24.28 | 95.6 | 22.01 |
| | 9.0 | 7.8 | 142.1 | 32.58 | 132.8 | 30.21 | 123.5 | 27.88 | 118.8 | 26.73 | 114.2 | 25.61 | 104.9 | 23.37 | 95.6 | 21.21 |
| | 12.0 | 10.6 | 142.1 | 30.70 | 132.8 | 28.46 | 123.5 | 26.27 | 118.8 | 25.21 | 114.2 | 24.14 | 104.9 | 22.04 | 95.6 | 20.00 |
| | 15.0 | 13.5 | 142.1 | 28.89 | 132.8 | 26.79 | 123.5 | 24.74 | 118.8 | 23.73 | 114.2 | 22.73 | 104.9 | 20.77 | 95.6 | 18.85 |
| 111.1 (90%) | -20.0 | -20.7 | 71.5 | 26.49 | 70.5 | 26.79 | 69.8 | 27.09 | 69.4 | 27.25 | 68.9 | 27.39 | 68.2 | 27.71 | 67.5 | 28.02 |
| | -15.0 | -16.0 | 82.8 | 28.07 | 82.1 | 28.44 | 81.3 | 28.82 | 80.9 | 29.01 | 80.6 | 29.20 | 79.9 | 29.57 | 79.3 | 29.97 |
| | -12.0 | -13.0 | 90.3 | 29.11 | 89.8 | 29.54 | 89.1 | 29.95 | 88.8 | 30.16 | 88.5 | 30.37 | 87.8 | 30.80 | 85.3 | 30.37 |
| | -9.0 | -10.0 | 98.6 | 30.18 | 97.8 | 30.66 | 97.3 | 31.11 | 97.0 | 31.35 | 96.7 | 31.59 | 94.3 | 31.34 | 85.9 | 28.40 |
| | -7.0 | -8.0 | 104.0 | 30.92 | 103.5 | 31.42 | 102.8 | 31.90 | 102.4 | 32.16 | 101.5 | 32.14 | 94.3 | 29.80 | 85.9 | 27.02 |
| | -5.0 | -6.0 | 109.7 | 31.67 | 109.0 | 32.19 | 108.4 | 32.70 | 107.0 | 32.48 | 102.7 | 31.11 | 94.3 | 28.39 | 85.9 | 25.75 |
| | -3.0 | -4.0 | 115.4 | 32.42 | 114.8 | 32.97 | 111.1 | 32.30 | 107.0 | 30.98 | 102.7 | 29.66 | 94.3 | 27.10 | 85.9 | 24.57 |
| | -1.0 | -2.0 | 121.1 | 33.19 | 119.6 | 33.37 | 111.1 | 30.82 | 107.0 | 29.57 | 102.7 | 28.34 | 94.3 | 25.87 | 85.9 | 23.48 |
| | 0.0 | -1.0 | 124.1 | 33.58 | 119.6 | 32.63 | 111.1 | 30.13 | 107.0 | 28.90 | 102.7 | 27.69 | 94.3 | 25.30 | 85.9 | 22.97 |
| | 2.0 | 1.0 | 128.0 | 33.59 | 119.6 | 31.19 | 111.1 | 28.81 | 107.0 | 27.65 | 102.7 | 26.48 | 94.3 | 24.20 | 85.9 | 21.98 |
| | 5.0 | 4.0 | 128.0 | 31.45 | 119.6 | 29.20 | 111.1 | 26.98 | 107.0 | 25.89 | 102.7 | 24.82 | 94.3 | 22.69 | 85.9 | 20.60 |
| | 7.0 | 6.0 | 128.0 | 30.11 | 119.6 | 27.97 | 111.1 | 25.84 | 107.0 | 24.80 | 102.7 | 23.77 | 94.3 | 21.75 | 85.9 | 19.76 |
| | 9.0 | 7.8 | 128.0 | 28.98 | 119.6 | 26.90 | 111.1 | 24.88 | 107.0 | 23.88 | 102.7 | 22.90 | 94.3 | 20.94 | 85.9 | 19.04 |
| | 12.0 | 10.6 | 128.0 | 27.31 | 119.6 | 25.37 | 111.1 | 23.46 | 107.0 | 22.52 | 102.7 | 21.59 | 94.3 | 19.75 | 85.9 | 17.96 |
| | 15.0 | 13.5 | 128.0 | 25.71 | 119.6 | 23.89 | 111.1 | 22.10 | 107.0 | 21.21 | 102.7 | 20.34 | 94.3 | 18.61 | 85.9 | 16.94 |
| 98.8 (80%) | -20.0 | -20.7 | 70.5 | 26.80 | 69.8 | 27.10 | 68.9 | 27.40 | 68.5 | 27.57 | 68.2 | 27.71 | 67.3 | 28.03 | 66.6 | 28.33 |
| | -15.0 | -16.0 | 81.8 | 28.53 | 81.1 | 28.91 | 80.5 | 29.28 | 80.1 | 29.47 | 79.9 | 29.66 | 79.1 | 30.04 | 76.2 | 29.43 |
| | -12.0 | -13.0 | 89.6 | 29.68 | 88.9 | 30.10 | 88.3 | 30.51 | 88.1 | 30.72 | 87.6 | 30.94 | 83.9 | 29.90 | 76.4 | 27.13 |
| | -9.0 | -10.0 | 97.6 | 30.87 | 97.0 | 31.33 | 96.4 | 31.80 | 95.0 | 31.59 | 91.3 | 30.27 | 83.9 | 27.67 | 76.4 | 25.11 |
| | -7.0 | -8.0 | 103.0 | 31.68 | 102.5 | 32.18 | 98.8 | 31.30 | 95.0 | 30.04 | 91.3 | 28.80 | 83.9 | 26.33 | 76.4 | 23.92 |
| | -5.0 | -6.0 | 108.7 | 32.51 | 106.3 | 32.26 | 98.8 | 29.82 | 95.0 | 28.61 | 91.3 | 27.43 | 83.9 | 25.10 | 76.4 | 22.80 |
| | -3.0 | -4.0 | 113.5 | 33.06 | 106.3 | 30.75 | 98.8 | 28.44 | 95.0 | 27.31 | 91.3 | 26.17 | 83.9 | 23.95 | 76.4 | 21.77 |
| | -1.0 | -2.0 | 113.7 | 31.60 | 106.3 | 29.36 | 98.8 | 27.17 | 95.0 | 26.08 | 91.3 | 25.01 | 83.9 | 22.90 | 76.4 | 20.81 |
| | 0.0 | -1.0 | 113.7 | 30.89 | 106.3 | 28.70 | 98.8 | 26.57 | 95.0 | 25.50 | 91.3 | 24.46 | 83.9 | 22.39 | 76.4 | 20.35 |
| | 2.0 | 1.0 | 113.7 | 29.53 | 106.3 | 27.45 | 98.8 | 25.40 | 95.0 | 24.39 | 91.3 | 23.41 | 83.9 | 21.43 | 76.4 | 19.49 |
| | 5.0 | 4.0 | 113.7 | 27.66 | 106.3 | 25.70 | 98.8 | 23.80 | 95.0 | 22.87 | 91.3 | 21.92 | 83.9 | 20.10 | 76.4 | 18.29 |
| | 7.0 | 6.0 | 113.7 | 26.48 | 106.3 | 24.63 | 98.8 | 22.81 | 95.0 | 21.92 | 91.3 | 21.03 | 83.9 | 19.27 | 76.4 | 17.54 |
| | 9.0 | 7.8 | 113.7 | 25.49 | 106.3 | 23.71 | 98.8 | 21.97 | 95.0 | 21.10 | 91.3 | 20.24 | 83.9 | 18.56 | 76.4 | 16.92 |
| | 12.0 | 10.6 | 113.7 | 24.04 | 106.3 | 22.36 | 98.8 | 20.72 | 95.0 | 19.91 | 91.3 | 19.12 | 83.9 | 17.53 | 76.4 | 15.98 |
| | 15.0 | 13.5 | 113.7 | 22.63 | 106.3 | 21.07 | 98.8 | 19.51 | 95.0 | 18.76 | 91.3 | 18.01 | 83.9 | 16.53 | 76.4 | 15.06 |
| 86.4 (70%) | -20.0 | -20.7 | 69.4 | 27.20 | 68.7 | 27.50 | 67.9 | 27.82 | 67.5 | 27.96 | 67.1 | 28.12 | 66.4 | 28.42 | 64.3 | 28.08 |
| | -15.0 | -16.0 | 80.7 | 29.10 | 80.1 | 29.48 | 79.4 | 29.85 | 79.2 | 30.04 | 78.0 | 29.91 | 73.4 | 28.26 | 66.7 | 25.68 |
| | -12.0 | -13.0 | 88.4 | 30.40 | 87.9 | 30.80 | 86.4 | 30.84 | 83.2 | 29.65 | 79.8 | 28.44 | 73.4 | 26.03 | 66.7 | 23.65 |
| | -9.0 | -10.0 | 96.5 | 31.74 | 93.1 | 30.84 | 86.4 | 28.55 | 83.2 | 27.42 | 79.8 | 26.30 | 73.4 | 24.09 | 66.7 | 21.93 |
| | -7.0 | -8.0 | 99.5 | 31.54 | 92.9 | 29.33 | 86.4 | 27.17 | 83.2 | 26.10 | 79.8 | 25.04 | 73.4 | 22.94 | 66.7 | 20.87 |
| | -5.0 | -6.0 | 99.5 | 30.05 | 92.9 | 27.95 | 86.4 | 25.90 | 83.2 | 24.89 | 79.8 | 23.88 | 73.4 | 21.87 | 66.7 | 19.94 |
| | -3.0 | -4.0 | 99.5 | 28.66 | 93.1 | 26.67 | 86.4 | 24.71 | 83.2 | 23.76 | 79.8 | 22.78 | 73.4 | 20.90 | 66.7 | 19.03 |
| | -1.0 | -2.0 | 99.5 | 27.38 | 92.9 | 25.48 | 86.4 | 23.62 | 83.2 | 22.70 | 79.8 | 21.78 | 73.4 | 19.99 | 66.7 | 18.21 |
| | 0.0 | -1.0 | 99.5 | 26.77 | 92.9 | 24.92 | 86.4 | 23.11 | 83.2 | 22.21 | 79.8 | 21.32 | 73.4 | 19.56 | 66.7 | 17.83 |
| | 2.0 | 1.0 | 99.5 | 25.60 | 92.9 | 23.84 | 86.4 | 22.10 | 83.2 | 21.24 | 79.8 | 20.40 | 73.4 | 18.72 | 66.7 | 17.08 |
| | 5.0 | 4.0 | 99.5 | 23.98 | 92.9 | 22.33 | 86.4 | 20.74 | 83.2 | 19.93 | 79.8 | 19.15 | 73.4 | 17.57 | 66.7 | 16.03 |
| | 7.0 | 6.0 | 99.5 | 22.99 | 92.9 | 21.42 | 86.4 | 19.87 | 83.2 | 19.11 | 79.8 | 18.36 | 73.4 | 16.86 | 66.7 | 15.39 |
| | 9.0 | 7.8 | 99.5 | 22.14 | 92.9 | 20.63 | 86.4 | 19.15 | 83.2 | 18.41 | 79.8 | 17.68 | 73.4 | 16.26 | 66.7 | 14.85 |
| | 12.0 | 10.6 | 99.5 | 20.87 | 93.1 | 19.46 | 86.4 | 18.07 | 83.2 | 17.39 | 79.8 | 16.70 | 73.4 | 15.35 | 66.7 | 14.04 |
| | 15.0 | 13.5 | 99.5 | 19.66 | 92.9 | 18.35 | 86.4 | 17.05 | 83.2 | 16.39 | 79.8 | 15.75 | 73.4 | 14.50 | 66.7 | 13.26 |
| 74.1 (60%) | -20.0 | -20.7 | 68.0 | 27.72 | 67.3 | 28.02 | 66.6 | 28.34 | 66.2 | 28.48 | 65.6 | 28.47 | 62.8 | 27.80 | 57.3 | 25.29 |
| | -15.0 | -16.0 | 79.4 | 29.88 | 78.4 | 30.12 | 74.1 | 28.54 | 71.2 | 27.42 | 68.6 | 26.33 | 62.8 | 24.12 | 57.3 | 21.97 |
| | -12.0 | -13.0 | 85.4 | 30.43 | 79.6 | 28.36 | 74.1 | 26.29 | 71.2 | 25.26 | 68.6 | 24.25 | 62.8 | 22.24 | 57.3 | 20.28 |
| | -9.0 | -10.0 | 85.4 | 28.16 | 79.6 | 26.23 | 74.1 | 24.33 | 71.2 | 23.40 | 68.6 | 22.46 | 62.8 | 20.62 | 57.3 | 18.80 |
| | -7.0 | -8.0 | 85.4 | 26.80 | 79.6 | 24.96 | 74.1 | 23.17 | 71.2 | 22.28 | 68.6 | 21.41 | 62.8 | 19.65 | 57.3 | 17.92 |
| | -5.0 | -6.0 | 85.4 | 25.54 | 79.6 | 23.81 | 74.1 | 22.09 | 71.2 | 21.25 | 68.6 | 20.41 | 62.8 | 18.76 | 57.3 | 17.12 |
| | -3.0 | -4.0 | 85.4 | 24.37 | 79.6 | 22.73 | 74.1 | 21.11 | 71.2 | 20.30 | 68.6 | 19.50 | 62.8 | 17.93 | 57.3 | 16.38 |
| | -1.0 | -2.0 | 85.4 | 23.30 | 79.6 | 21.72 | 74.1 | 20.19 | 71.2 | 19.41 | 68.6 | 18.66 | 62.8 | 17.15 | 57.3 | 15.68 |
| | 0.0 | -1.0 | 85.4 | 22.79 | 79.6 | 21.25 | 74.1 | 19.75 | 71.2 | 19.00 | 68.6 | 18.25 | 62.8 | 16.80 | 57.3 | 15.36 |
| | 2.0 | 1.0 | 85.4 | 21.80 | 79.6 | 20.35 | 74.1 | 18.91 | 71.2 | 18.19 | 68.6 | 17.49 | 62.8 | 16.10 | 57.3 | 14.71 |
| | 5.0 | 4.0 | 85.4 | 20.45 | 79.6 | 19.09 | 74.1 | 17.74 | 71.2 | 17.09 | 68.6 | 16.43 | 62.8 | 15.13 | 57.3 | 13.83 |
| | 7.0 | 6.0 | 85.4 | 19.60 | 79.6 | 18.30 | 74.1 | 17.02 | 71.2 | 16.39 | 68.6 | 15.75 | 62.8 | 14.53 | 57.3 | 13.29 |
| | 9.0 | 7.8 | 85.4 | 18.89 | 79.6 | 17.64 | 74.1 | 16.42 | 71.2 | 15.81 | 68.6 | 15.20 | 62.8 | 13.99 | 57.3 | 12.83 |
| | 12.0 | 10.6 | 85.4 | 17.84 | 79.6 | 16.65 | 74.1 | 15.50 | 71.2 | 14.94 | 68.6 | 14.36 | 62.8 | 13.26 | 57.3 | 12.13 |
| | 15.0 | 13.5 | 85.4 | 16.82 | 79.6 | 15.72 | 74.1 | 14.64 | 71.2 | 14.09 | 68.6 | 13.57 | 62.8 | 12.50 | 57.3 | 11.48 |

| Heating capacity at rated condition: 137.5 kW (44HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 61.8 (50%) | -20.0 | -20.7 | 66.2 | 28.46 | 65.0 | 28.50 | 61.8 | 27.26 | 59.4 | 26.23 | 57.1 | 25.18 | 52.4 | 23.11 | 47.8 | 21.08 |
| | -15.0 | -16.0 | 71.1 | 27.33 | 66.4 | 25.49 | 61.8 | 23.68 | 59.4 | 22.78 | 57.1 | 21.89 | 52.4 | 20.11 | 47.8 | 18.36 |
| | -12.0 | -13.0 | 71.1 | 25.17 | 66.4 | 23.50 | 61.8 | 21.83 | 59.4 | 21.02 | 57.1 | 20.19 | 52.4 | 18.57 | 47.8 | 16.97 |
| | -9.0 | -10.0 | 71.1 | 23.33 | 66.4 | 21.77 | 61.8 | 20.24 | 59.4 | 19.49 | 57.1 | 18.74 | 52.4 | 17.24 | 47.8 | 15.77 |
| | -7.0 | -8.0 | 71.1 | 22.21 | 66.4 | 20.74 | 61.8 | 19.30 | 59.4 | 18.57 | 57.1 | 17.88 | 52.4 | 16.46 | 47.8 | 15.05 |
| | -5.0 | -6.0 | 71.1 | 21.20 | 66.4 | 19.79 | 61.8 | 18.43 | 59.4 | 17.74 | 57.1 | 17.07 | 52.4 | 15.71 | 47.8 | 14.41 |
| | -3.0 | -4.0 | 71.1 | 20.25 | 66.4 | 18.92 | 61.8 | 17.61 | 59.4 | 16.97 | 57.1 | 16.31 | 52.4 | 15.04 | 47.8 | 13.79 |
| | -1.0 | -2.0 | 71.1 | 19.37 | 66.4 | 18.10 | 61.8 | 16.85 | 59.4 | 16.24 | 57.1 | 15.63 | 52.4 | 14.42 | 47.8 | 13.21 |
| | 0.0 | -1.0 | 71.1 | 18.93 | 66.4 | 17.71 | 61.8 | 16.50 | 59.4 | 15.89 | 57.1 | 15.29 | 52.4 | 14.10 | 47.8 | 12.94 |
| | 2.0 | 1.0 | 71.1 | 18.14 | 66.4 | 16.97 | 61.8 | 15.82 | 59.4 | 15.24 | 57.1 | 14.66 | 52.4 | 13.53 | 47.8 | 12.42 |
| | 5.0 | 4.0 | 71.1 | 17.04 | 66.4 | 15.94 | 61.8 | 14.86 | 59.4 | 14.31 | 57.1 | 13.79 | 52.4 | 12.74 | 47.8 | 11.70 |
| | 7.0 | 6.0 | 71.1 | 16.35 | 66.4 | 15.30 | 61.8 | 14.26 | 59.4 | 13.76 | 57.1 | 13.25 | 52.4 | 12.23 | 47.8 | 11.24 |
| | 9.0 | 7.8 | 71.1 | 15.77 | 66.4 | 14.75 | 61.8 | 13.77 | 59.4 | 13.27 | 57.1 | 12.78 | 52.4 | 11.82 | 47.8 | 10.86 |
| | 12.0 | 10.6 | 71.1 | 14.89 | 66.4 | 13.95 | 61.8 | 13.03 | 59.4 | 12.56 | 57.1 | 12.10 | 52.4 | 11.20 | 47.8 | 10.30 |
| | 15.0 | 13.5 | 71.1 | 14.06 | 66.4 | 13.18 | 61.8 | 12.29 | 59.4 | 11.88 | 57.1 | 11.44 | 52.4 | 10.60 | 47.8 | 9.76 |

# ■ Model: AJ∗414GALDH

| Heating capacity at rated condition: 145.0 kW (46HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 195 (150%) | -20.0 | -20.7 | 82.1 | 26.68 | 80.9 | 27.00 | 79.7 | 27.32 | 79.1 | 27.49 | 78.5 | 27.66 | 77.5 | 27.98 | 76.3 | 28.33 |
| | -15.0 | -16.0 | 93.4 | 27.99 | 92.5 | 28.39 | 91.5 | 28.80 | 91.0 | 29.00 | 90.6 | 29.21 | 89.7 | 29.62 | 88.8 | 30.05 |
| | -12.0 | -13.0 | 101.4 | 28.80 | 100.7 | 29.26 | 99.8 | 29.72 | 99.5 | 29.96 | 99.0 | 30.19 | 98.3 | 30.65 | 97.4 | 31.12 |
| | -9.0 | -10.0 | 110.0 | 29.64 | 109.4 | 30.13 | 108.6 | 30.65 | 108.2 | 30.89 | 107.9 | 31.15 | 107.2 | 31.67 | 106.4 | 32.19 |
| | -7.0 | -8.0 | 116.2 | 30.18 | 115.3 | 30.73 | 114.7 | 31.26 | 114.4 | 31.54 | 114.1 | 31.80 | 113.4 | 32.35 | 112.6 | 32.88 |
| | -5.0 | -6.0 | 122.4 | 30.75 | 121.8 | 31.31 | 121.0 | 31.88 | 120.6 | 32.17 | 120.3 | 32.46 | 119.7 | 33.02 | 119.1 | 33.60 |
| | -3.0 | -4.0 | 128.7 | 31.32 | 128.1 | 31.90 | 127.5 | 32.51 | 127.1 | 32.80 | 126.8 | 33.09 | 126.2 | 33.70 | 125.4 | 34.31 |
| | -1.0 | -2.0 | 135.4 | 31.89 | 134.6 | 32.50 | 134.0 | 33.12 | 133.6 | 33.43 | 133.3 | 33.75 | 132.7 | 34.39 | 131.9 | 35.00 |
| | 0.0 | -1.0 | 138.7 | 32.17 | 138.1 | 32.80 | 137.3 | 33.44 | 136.9 | 33.76 | 136.6 | 34.08 | 136.0 | 34.72 | 135.3 | 35.36 |
| | 2.0 | 1.0 | 145.5 | 32.74 | 144.6 | 33.40 | 144.0 | 34.05 | 143.7 | 34.39 | 143.4 | 34.72 | 142.5 | 35.38 | 141.9 | 36.05 |
| | 5.0 | 4.0 | 155.8 | 33.59 | 155.0 | 34.28 | 154.2 | 34.98 | 153.8 | 35.33 | 153.4 | 35.68 | 152.6 | 36.40 | 149.1 | 36.14 |
| | 7.0 | 6.0 | 162.7 | 34.16 | 161.8 | 34.89 | 161.1 | 35.61 | 160.6 | 35.96 | 160.2 | 36.34 | 158.4 | 36.74 | 153.1 | 35.99 |
| | 9.0 | 7.8 | 169.1 | 34.68 | 168.2 | 35.43 | 167.3 | 36.16 | 166.8 | 36.53 | 166.4 | 36.91 | 162.6 | 36.69 | 153.1 | 34.62 |
| | 12.0 | 10.6 | 178.9 | 35.49 | 177.9 | 36.25 | 176.9 | 37.03 | 176.5 | 37.41 | 173.9 | 37.14 | 167.2 | 36.04 | 153.1 | 32.59 |
| | 15.0 | 13.5 | 189.1 | 36.31 | 188.0 | 37.09 | 185.6 | 37.49 | 183.1 | 37.26 | 180.5 | 37.04 | 167.2 | 33.89 | 153.1 | 30.66 |
| 182.0 (140%) | -20.0 | -20.7 | 81.5 | 26.82 | 80.5 | 27.14 | 79.3 | 27.46 | 78.7 | 27.63 | 78.1 | 27.79 | 76.9 | 28.13 | 75.8 | 28.46 |
| | -15.0 | -16.0 | 93.0 | 28.17 | 92.1 | 28.58 | 91.1 | 28.98 | 90.6 | 29.19 | 90.3 | 29.39 | 89.4 | 29.82 | 88.5 | 30.23 |
| | -12.0 | -13.0 | 101.1 | 29.04 | 100.2 | 29.50 | 99.4 | 29.96 | 99.0 | 30.17 | 98.6 | 30.41 | 97.8 | 30.87 | 97.1 | 31.36 |
| | -9.0 | -10.0 | 109.7 | 29.91 | 109.0 | 30.43 | 108.2 | 30.92 | 107.8 | 31.18 | 107.5 | 31.44 | 106.9 | 31.94 | 106.0 | 32.46 |
| | -7.0 | -8.0 | 115.6 | 30.51 | 115.0 | 31.03 | 114.3 | 31.58 | 114.0 | 31.84 | 113.7 | 32.11 | 112.9 | 32.66 | 112.3 | 33.21 |
| | -5.0 | -6.0 | 121.9 | 31.11 | 121.2 | 31.66 | 120.6 | 32.24 | 120.3 | 32.53 | 120.0 | 32.80 | 119.3 | 33.37 | 118.5 | 33.95 |
| | -3.0 | -4.0 | 128.3 | 31.71 | 127.7 | 32.29 | 127.0 | 32.90 | 126.8 | 33.19 | 126.3 | 33.48 | 125.6 | 34.09 | 125.0 | 34.70 |
| | -1.0 | -2.0 | 134.8 | 32.31 | 134.2 | 32.92 | 133.5 | 33.56 | 133.3 | 33.86 | 132.8 | 34.17 | 132.1 | 34.81 | 131.5 | 35.45 |
| | 0.0 | -1.0 | 138.1 | 32.61 | 137.5 | 33.25 | 136.8 | 33.89 | 136.5 | 34.21 | 136.2 | 34.53 | 135.4 | 35.17 | 134.4 | 35.67 |
| | 2.0 | 1.0 | 144.9 | 33.22 | 144.3 | 33.89 | 143.5 | 34.55 | 143.1 | 34.87 | 142.8 | 35.22 | 142.1 | 35.89 | 138.8 | 35.66 |
| | 5.0 | 4.0 | 155.2 | 34.15 | 154.3 | 34.85 | 153.6 | 35.55 | 153.2 | 35.89 | 152.8 | 36.24 | 150.0 | 36.25 | 143.0 | 34.77 |
| | 7.0 | 6.0 | 162.0 | 34.76 | 161.1 | 35.48 | 160.4 | 36.21 | 159.9 | 36.56 | 159.2 | 36.80 | 154.6 | 36.25 | 143.0 | 33.27 |
| | 9.0 | 7.8 | 168.2 | 35.33 | 167.3 | 36.06 | 166.5 | 36.79 | 165.6 | 36.99 | 163.2 | 36.74 | 156.0 | 35.33 | 143.0 | 32.02 |
| | 12.0 | 10.6 | 178.0 | 36.18 | 177.0 | 36.94 | 174.3 | 37.15 | 172.0 | 36.92 | 169.0 | 36.49 | 156.0 | 33.27 | 143.0 | 30.16 |
| | 15.0 | 13.5 | 188.0 | 37.06 | 185.6 | 37.45 | 180.9 | 37.07 | 175.6 | 35.87 | 169.0 | 34.31 | 156.0 | 31.29 | 143.0 | 28.37 |
| 169.0 (130%) | -20.0 | -20.7 | 81.1 | 26.97 | 79.9 | 27.29 | 78.7 | 27.61 | 78.1 | 27.79 | 77.5 | 27.94 | 76.4 | 28.28 | 75.4 | 28.63 |
| | -15.0 | -16.0 | 92.4 | 28.41 | 91.5 | 28.79 | 90.6 | 29.20 | 90.3 | 29.40 | 89.7 | 29.62 | 88.8 | 30.03 | 87.9 | 30.44 |
| | -12.0 | -13.0 | 100.5 | 29.31 | 99.8 | 29.77 | 99.0 | 30.23 | 98.6 | 30.44 | 98.1 | 30.68 | 97.4 | 31.14 | 96.5 | 31.63 |
| | -9.0 | -10.0 | 109.3 | 30.24 | 108.4 | 30.74 | 107.8 | 31.25 | 107.5 | 31.51 | 107.0 | 31.75 | 106.3 | 32.27 | 105.7 | 32.79 |
| | -7.0 | -8.0 | 115.3 | 30.87 | 114.6 | 31.40 | 113.9 | 31.94 | 113.5 | 32.21 | 113.2 | 32.49 | 112.5 | 33.02 | 111.9 | 33.57 |
| | -5.0 | -6.0 | 121.5 | 31.50 | 120.8 | 32.08 | 120.1 | 32.63 | 119.7 | 32.92 | 119.4 | 33.21 | 118.8 | 33.79 | 118.1 | 34.35 |
| | -3.0 | -4.0 | 127.7 | 32.16 | 127.1 | 32.74 | 126.5 | 33.35 | 126.2 | 33.64 | 125.9 | 33.93 | 125.2 | 34.54 | 124.3 | 35.09 |
| | -1.0 | -2.0 | 134.3 | 32.80 | 133.6 | 33.43 | 133.0 | 34.04 | 132.7 | 34.36 | 132.4 | 34.68 | 131.7 | 35.29 | 128.7 | 35.08 |
| | 0.0 | -1.0 | 137.7 | 33.13 | 136.9 | 33.76 | 136.3 | 34.40 | 136.0 | 34.72 | 135.6 | 35.04 | 135.0 | 35.68 | 130.9 | 35.10 |
| | 2.0 | 1.0 | 144.3 | 33.79 | 143.6 | 34.45 | 142.9 | 35.10 | 142.5 | 35.44 | 142.2 | 35.77 | 139.6 | 35.72 | 132.9 | 34.23 |
| | 5.0 | 4.0 | 154.4 | 34.78 | 153.7 | 35.48 | 152.9 | 36.18 | 152.5 | 36.53 | 150.5 | 36.27 | 144.8 | 35.28 | 132.9 | 32.00 |
| | 7.0 | 6.0 | 161.1 | 35.45 | 160.5 | 36.17 | 159.2 | 36.76 | 157.1 | 36.51 | 154.9 | 36.26 | 144.8 | 33.78 | 132.9 | 30.64 |
| | 9.0 | 7.8 | 167.3 | 36.05 | 166.4 | 36.78 | 163.3 | 36.72 | 161.1 | 36.49 | 156.9 | 35.59 | 144.8 | 32.48 | 132.9 | 29.48 |
| | 12.0 | 10.6 | 177.0 | 36.99 | 173.9 | 37.08 | 169.0 | 36.49 | 162.9 | 34.99 | 156.9 | 33.50 | 144.8 | 30.60 | 132.9 | 27.78 |
| | 15.0 | 13.5 | 185.0 | 37.35 | 180.5 | 37.02 | 169.0 | 34.31 | 162.9 | 32.90 | 156.9 | 31.51 | 144.8 | 28.77 | 132.9 | 26.14 |
| 156.0 (120%) | -20.0 | -20.7 | 80.5 | 27.15 | 79.3 | 27.47 | 78.1 | 27.79 | 77.5 | 27.96 | 76.9 | 28.12 | 75.9 | 28.46 | 74.8 | 28.79 |
| | -15.0 | -16.0 | 91.8 | 28.65 | 90.9 | 29.06 | 90.1 | 29.46 | 89.7 | 29.67 | 89.1 | 29.87 | 88.2 | 30.28 | 87.5 | 30.71 |
| | -12.0 | -13.0 | 100.1 | 29.63 | 99.2 | 30.08 | 98.4 | 30.54 | 98.0 | 30.77 | 97.7 | 31.00 | 96.8 | 31.46 | 96.1 | 31.93 |
| | -9.0 | -10.0 | 108.7 | 30.63 | 107.9 | 31.12 | 107.2 | 31.62 | 106.9 | 31.88 | 106.6 | 32.14 | 105.7 | 32.66 | 105.1 | 33.16 |
| | -7.0 | -8.0 | 114.7 | 31.29 | 114.0 | 31.84 | 113.3 | 32.36 | 113.1 | 32.63 | 112.6 | 32.91 | 111.9 | 33.44 | 111.3 | 33.99 |
| | -5.0 | -6.0 | 120.9 | 31.98 | 120.2 | 32.53 | 119.6 | 33.11 | 119.3 | 33.40 | 119.0 | 33.69 | 118.2 | 34.25 | 116.5 | 34.41 |
| | -3.0 | -4.0 | 127.3 | 32.67 | 126.5 | 33.26 | 125.9 | 33.86 | 125.6 | 34.15 | 125.3 | 34.47 | 124.6 | 35.05 | 120.9 | 34.46 |
| | -1.0 | -2.0 | 133.6 | 33.37 | 133.0 | 34.00 | 132.4 | 34.61 | 132.1 | 34.93 | 131.8 | 35.25 | 129.1 | 35.11 | 122.5 | 33.55 |
| | 0.0 | -1.0 | 137.1 | 33.73 | 136.3 | 34.36 | 135.6 | 35.00 | 135.3 | 35.32 | 135.0 | 35.64 | 131.3 | 35.14 | 122.5 | 32.79 |
| | 2.0 | 1.0 | 143.6 | 34.44 | 143.0 | 35.09 | 142.2 | 35.76 | 141.5 | 35.97 | 139.6 | 35.70 | 133.7 | 34.49 | 122.5 | 31.32 |
| | 5.0 | 4.0 | 153.7 | 35.53 | 152.8 | 36.22 | 150.1 | 36.21 | 148.1 | 36.00 | 144.8 | 35.28 | 133.7 | 32.25 | 122.5 | 29.31 |
| | 7.0 | 6.0 | 160.4 | 36.25 | 158.6 | 36.62 | 154.6 | 36.23 | 150.5 | 35.25 | 144.8 | 33.78 | 133.7 | 30.87 | 122.5 | 28.06 |
| | 9.0 | 7.8 | 166.4 | 36.89 | 162.6 | 36.63 | 156.0 | 35.33 | 150.5 | 33.89 | 144.8 | 32.48 | 133.7 | 29.70 | 122.5 | 26.99 |
| | 12.0 | 10.6 | 173.1 | 36.97 | 167.2 | 36.04 | 156.0 | 33.27 | 150.5 | 31.93 | 144.8 | 30.60 | 133.7 | 27.98 | 122.5 | 25.45 |
| | 15.0 | 13.5 | 178.3 | 36.52 | 167.2 | 33.89 | 156.0 | 31.29 | 150.5 | 30.04 | 144.8 | 28.77 | 133.7 | 26.33 | 122.5 | 23.96 |
| 143 (110%) | -20.0 | -20.7 | 79.6 | 27.36 | 78.4 | 27.68 | 77.4 | 28.00 | 76.9 | 28.15 | 76.3 | 28.33 | 75.1 | 28.67 | 74.1 | 28.99 |
| | -15.0 | -16.0 | 91.2 | 28.95 | 90.3 | 29.36 | 89.4 | 29.76 | 89.0 | 29.97 | 88.5 | 30.17 | 87.6 | 30.58 | 86.9 | 31.01 |
| | -12.0 | -13.0 | 99.4 | 30.00 | 98.6 | 30.44 | 97.8 | 30.90 | 97.4 | 31.13 | 97.0 | 31.36 | 96.2 | 31.83 | 95.5 | 32.29 |
| | -9.0 | -10.0 | 108.1 | 31.05 | 107.2 | 31.57 | 106.6 | 32.07 | 106.3 | 32.32 | 105.9 | 32.58 | 105.3 | 33.08 | 104.5 | 33.60 |
| | -7.0 | -8.0 | 114.0 | 31.80 | 113.4 | 32.32 | 112.7 | 32.87 | 112.4 | 33.13 | 111.9 | 33.40 | 111.3 | 33.95 | 108.8 | 33.70 |
| | -5.0 | -6.0 | 120.2 | 32.52 | 119.6 | 33.10 | 118.9 | 33.65 | 118.7 | 33.94 | 118.4 | 34.23 | 116.5 | 34.39 | 112.4 | 33.52 |
| | -3.0 | -4.0 | 126.5 | 33.27 | 125.9 | 33.88 | 125.3 | 34.46 | 124.9 | 34.78 | 124.5 | 35.01 | 120.9 | 34.46 | 112.4 | 31.96 |
| | -1.0 | -2.0 | 133.0 | 34.05 | 132.3 | 34.66 | 131.7 | 35.30 | 130.6 | 35.29 | 128.7 | 35.05 | 122.5 | 33.55 | 112.4 | 30.50 |
| | 0.0 | -1.0 | 136.2 | 34.44 | 135.6 | 35.06 | 134.5 | 35.55 | 132.6 | 35.31 | 130.9 | 35.08 | 122.5 | 32.78 | 112.4 | 29.81 |
| | 2.0 | 1.0 | 142.7 | 35.20 | 142.1 | 35.87 | 138.9 | 35.60 | 137.0 | 35.38 | 132.9 | 34.23 | 122.5 | 31.32 | 112.4 | 28.49 |
| | 5.0 | 4.0 | 152.7 | 36.40 | 149.1 | 36.06 | 143.0 | 34.77 | 137.8 | 33.38 | 132.9 | 32.00 | 122.5 | 29.31 | 112.4 | 26.67 |
| | 7.0 | 6.0 | 157.3 | 36.46 | 153.1 | 35.99 | 143.0 | 33.27 | 137.8 | 31.96 | 132.9 | 30.64 | 122.5 | 28.06 | 112.4 | 25.54 |
| | 9.0 | 7.8 | 161.3 | 36.49 | 153.1 | 34.62 | 143.0 | 32.02 | 137.8 | 30.75 | 132.9 | 29.48 | 122.5 | 26.99 | 112.4 | 24.58 |
| | 12.0 | 10.6 | 163.5 | 35.11 | 153.1 | 32.59 | 143.0 | 30.16 | 137.8 | 28.96 | 132.9 | 27.78 | 122.5 | 25.45 | 112.4 | 23.17 |
| | 15.0 | 13.5 | 163.5 | 33.01 | 153.1 | 30.66 | 143.0 | 28.37 | 137.8 | 27.24 | 132.9 | 26.14 | 122.5 | 23.96 | 112.4 | 21.83 |

MODEL SELECTION

| Heating capacity at rated condition: 145.0 kW (46HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 130.0 (100%) | -20.0 | -20.7 | 78.7 | 27.61 | 77.7 | 27.92 | 76.6 | 28.25 | 76.0 | 28.42 | 75.4 | 28.57 | 74.4 | 28.91 | 73.3 | 29.24 |
| | -15.0 | -16.0 | 90.5 | 29.31 | 89.6 | 29.71 | 88.6 | 30.12 | 88.2 | 30.32 | 87.8 | 30.53 | 86.9 | 30.94 | 86.0 | 31.37 |
| | -12.0 | -13.0 | 98.6 | 30.42 | 97.9 | 30.88 | 97.1 | 31.35 | 96.7 | 31.58 | 96.4 | 31.81 | 95.5 | 32.27 | 94.9 | 32.74 |
| | -9.0 | -10.0 | 107.2 | 31.59 | 106.6 | 32.08 | 105.9 | 32.60 | 105.6 | 32.86 | 105.3 | 33.10 | 104.3 | 33.55 | 101.0 | 32.93 |
| | -7.0 | -8.0 | 113.4 | 32.37 | 112.7 | 32.92 | 112.0 | 33.45 | 111.6 | 33.73 | 111.3 | 33.99 | 108.5 | 33.63 | 102.2 | 31.77 |
| | -5.0 | -6.0 | 119.6 | 33.18 | 118.7 | 33.76 | 118.2 | 34.31 | 117.6 | 34.51 | 115.9 | 34.25 | 111.5 | 33.24 | 102.2 | 30.24 |
| | -3.0 | -4.0 | 125.8 | 34.02 | 125.2 | 34.60 | 123.5 | 34.82 | 121.8 | 34.58 | 120.1 | 34.35 | 111.5 | 31.66 | 102.2 | 28.83 |
| | -1.0 | -2.0 | 132.1 | 34.86 | 131.1 | 35.32 | 127.8 | 34.89 | 125.4 | 34.38 | 120.7 | 32.98 | 111.5 | 30.22 | 102.2 | 27.53 |
| | 0.0 | -1.0 | 135.3 | 35.28 | 133.3 | 35.34 | 130.0 | 34.95 | 125.4 | 33.61 | 120.7 | 32.22 | 111.5 | 29.54 | 102.2 | 26.90 |
| | 2.0 | 1.0 | 140.9 | 35.79 | 137.7 | 35.44 | 130.0 | 33.41 | 125.4 | 32.11 | 120.7 | 30.80 | 111.5 | 28.23 | 102.2 | 25.74 |
| | 5.0 | 4.0 | 147.5 | 35.90 | 139.3 | 33.75 | 130.0 | 31.26 | 125.4 | 30.04 | 120.7 | 28.82 | 111.5 | 26.42 | 102.2 | 24.10 |
| | 7.0 | 6.0 | 148.5 | 34.76 | 139.3 | 32.31 | 130.0 | 29.93 | 125.4 | 28.77 | 120.7 | 27.61 | 111.5 | 25.32 | 102.2 | 23.08 |
| | 9.0 | 7.8 | 148.5 | 33.41 | 139.3 | 31.09 | 130.0 | 28.80 | 125.4 | 27.67 | 120.7 | 26.56 | 111.5 | 24.36 | 102.2 | 22.23 |
| | 12.0 | 10.6 | 148.5 | 31.48 | 139.3 | 29.28 | 130.0 | 27.13 | 125.4 | 26.08 | 120.7 | 25.03 | 111.5 | 22.97 | 102.2 | 20.96 |
| | 15.0 | 13.5 | 148.5 | 29.62 | 139.3 | 27.55 | 130.0 | 25.54 | 125.4 | 24.55 | 120.7 | 23.56 | 111.5 | 21.64 | 102.2 | 19.74 |
| 117.0 (90%) | -20.0 | -20.7 | 77.7 | 27.90 | 76.5 | 28.22 | 75.6 | 28.55 | 75.0 | 28.72 | 74.4 | 28.87 | 73.5 | 29.21 | 72.5 | 29.54 |
| | -15.0 | -16.0 | 89.5 | 29.73 | 88.7 | 30.14 | 87.7 | 30.54 | 87.2 | 30.75 | 86.9 | 30.95 | 86.0 | 31.36 | 85.3 | 31.79 |
| | -12.0 | -13.0 | 97.6 | 30.96 | 97.0 | 31.42 | 96.2 | 31.86 | 95.8 | 32.09 | 95.5 | 32.33 | 94.3 | 32.62 | 91.3 | 32.01 |
| | -9.0 | -10.0 | 106.5 | 32.22 | 105.6 | 32.74 | 105.0 | 33.24 | 104.7 | 33.49 | 103.4 | 33.33 | 100.3 | 32.78 | 91.9 | 29.87 |
| | -7.0 | -8.0 | 112.4 | 33.09 | 111.8 | 33.64 | 110.5 | 33.92 | 108.9 | 33.69 | 107.4 | 33.45 | 100.3 | 31.14 | 91.9 | 28.40 |
| | -5.0 | -6.0 | 118.6 | 33.99 | 117.6 | 34.47 | 114.7 | 34.03 | 112.9 | 33.69 | 108.6 | 32.33 | 100.3 | 29.65 | 91.9 | 27.04 |
| | -3.0 | -4.0 | 124.8 | 34.89 | 122.0 | 34.56 | 117.0 | 33.41 | 112.9 | 32.11 | 108.6 | 30.81 | 100.3 | 28.28 | 91.9 | 25.80 |
| | -1.0 | -2.0 | 129.1 | 35.03 | 125.4 | 34.38 | 117.0 | 31.86 | 112.9 | 30.64 | 108.6 | 29.42 | 100.3 | 26.99 | 91.9 | 24.64 |
| | 0.0 | -1.0 | 131.3 | 35.10 | 125.4 | 33.61 | 117.0 | 31.15 | 112.9 | 29.93 | 108.6 | 28.74 | 100.3 | 26.39 | 91.9 | 24.10 |
| | 2.0 | 1.0 | 133.7 | 34.49 | 125.4 | 32.11 | 117.0 | 29.76 | 112.9 | 28.63 | 108.6 | 27.47 | 100.3 | 25.23 | 91.9 | 23.05 |
| | 5.0 | 4.0 | 133.7 | 32.25 | 125.4 | 30.04 | 117.0 | 27.86 | 112.9 | 26.79 | 108.6 | 25.74 | 100.3 | 23.65 | 91.9 | 21.59 |
| | 7.0 | 6.0 | 133.7 | 30.87 | 125.4 | 28.77 | 117.0 | 26.68 | 112.9 | 25.66 | 108.6 | 24.64 | 100.3 | 22.66 | 91.9 | 20.70 |
| | 9.0 | 7.8 | 133.7 | 29.70 | 125.4 | 27.67 | 117.0 | 25.68 | 112.9 | 24.69 | 108.6 | 23.73 | 100.3 | 21.81 | 91.9 | 19.94 |
| | 12.0 | 10.6 | 133.7 | 27.98 | 125.4 | 26.08 | 117.0 | 24.21 | 112.9 | 23.28 | 108.6 | 22.37 | 100.3 | 20.57 | 91.9 | 18.81 |
| | 15.0 | 13.5 | 133.7 | 26.33 | 125.4 | 24.55 | 117.0 | 22.79 | 112.9 | 21.92 | 108.6 | 21.07 | 100.3 | 19.38 | 91.9 | 17.73 |
| 104.0 (80%) | -20.0 | -20.7 | 76.5 | 28.27 | 75.5 | 28.59 | 74.4 | 28.91 | 73.8 | 29.08 | 73.4 | 29.23 | 72.3 | 29.57 | 71.4 | 29.90 |
| | -15.0 | -16.0 | 88.3 | 30.27 | 87.5 | 30.68 | 86.6 | 31.08 | 86.2 | 31.29 | 85.9 | 31.49 | 84.4 | 31.59 | 81.5 | 31.01 |
| | -12.0 | -13.0 | 96.6 | 31.62 | 95.8 | 32.08 | 95.1 | 32.52 | 94.5 | 32.58 | 92.9 | 32.32 | 89.2 | 31.28 | 81.7 | 28.54 |
| | -9.0 | -10.0 | 105.3 | 33.03 | 104.5 | 33.45 | 101.7 | 33.03 | 100.3 | 32.78 | 96.5 | 31.48 | 89.2 | 28.91 | 81.7 | 26.39 |
| | -7.0 | -8.0 | 111.2 | 33.97 | 108.5 | 33.59 | 104.0 | 32.39 | 100.3 | 31.14 | 96.5 | 29.92 | 89.2 | 27.49 | 81.7 | 25.11 |
| | -5.0 | -6.0 | 115.4 | 34.09 | 111.5 | 33.24 | 104.0 | 30.83 | 100.3 | 29.65 | 96.5 | 28.49 | 89.2 | 26.19 | 81.7 | 23.93 |
| | -3.0 | -4.0 | 118.8 | 33.98 | 111.5 | 31.66 | 104.0 | 29.39 | 100.3 | 28.28 | 96.5 | 27.16 | 89.2 | 24.98 | 81.7 | 22.83 |
| | -1.0 | -2.0 | 118.8 | 32.42 | 111.5 | 30.22 | 104.0 | 28.06 | 100.3 | 26.99 | 96.5 | 25.94 | 89.2 | 23.87 | 81.7 | 21.81 |
| | 0.0 | -1.0 | 118.8 | 31.68 | 111.5 | 29.54 | 104.0 | 27.44 | 100.3 | 26.39 | 96.5 | 25.37 | 89.2 | 23.34 | 81.7 | 21.33 |
| | 2.0 | 1.0 | 118.8 | 30.27 | 111.5 | 28.23 | 104.0 | 26.22 | 100.3 | 25.23 | 96.5 | 24.27 | 89.2 | 22.32 | 81.7 | 20.42 |
| | 5.0 | 4.0 | 118.8 | 28.34 | 111.5 | 26.42 | 104.0 | 24.56 | 100.3 | 23.65 | 96.5 | 22.72 | 89.2 | 20.93 | 81.7 | 19.15 |
| | 7.0 | 6.0 | 118.8 | 27.13 | 111.5 | 25.32 | 104.0 | 23.53 | 100.3 | 22.66 | 96.5 | 21.78 | 89.2 | 20.05 | 81.7 | 18.36 |
| | 9.0 | 7.8 | 118.8 | 26.11 | 111.5 | 24.36 | 104.0 | 22.66 | 100.3 | 21.81 | 96.5 | 20.96 | 89.2 | 19.32 | 81.7 | 17.70 |
| | 12.0 | 10.6 | 118.8 | 24.61 | 111.5 | 22.97 | 104.0 | 21.36 | 100.3 | 20.57 | 96.5 | 19.79 | 89.2 | 18.24 | 81.7 | 16.71 |
| | 15.0 | 13.5 | 118.8 | 23.17 | 111.5 | 21.64 | 104.0 | 20.11 | 100.3 | 19.38 | 96.5 | 18.64 | 89.2 | 17.19 | 81.7 | 15.76 |
| 91.0 (70%) | -20.0 | -20.7 | 74.9 | 28.72 | 74.0 | 29.04 | 73.0 | 29.38 | 72.5 | 29.53 | 71.9 | 29.70 | 71.0 | 30.03 | 69.0 | 29.74 |
| | -15.0 | -16.0 | 86.8 | 30.93 | 86.2 | 31.34 | 85.2 | 31.70 | 84.0 | 31.45 | 82.6 | 31.20 | 78.0 | 29.58 | 71.4 | 27.03 |
| | -12.0 | -13.0 | 95.1 | 32.46 | 93.4 | 32.35 | 90.9 | 31.95 | 87.8 | 30.77 | 84.4 | 29.58 | 78.0 | 27.20 | 71.4 | 24.86 |
| | -9.0 | -10.0 | 101.8 | 33.01 | 97.6 | 31.79 | 91.0 | 29.53 | 87.8 | 28.43 | 84.4 | 27.32 | 78.0 | 25.14 | 71.4 | 23.02 |
| | -7.0 | -8.0 | 104.0 | 32.39 | 97.4 | 30.21 | 91.0 | 28.09 | 87.8 | 27.04 | 84.4 | 25.99 | 78.0 | 23.93 | 71.4 | 21.89 |
| | -5.0 | -6.0 | 104.0 | 30.83 | 97.4 | 28.77 | 91.0 | 26.76 | 87.8 | 25.76 | 84.4 | 24.77 | 78.0 | 22.80 | 71.4 | 20.90 |
| | -3.0 | -4.0 | 104.0 | 29.39 | 97.6 | 27.44 | 91.0 | 25.52 | 87.8 | 24.58 | 84.4 | 23.62 | 78.0 | 21.78 | 71.4 | 19.94 |
| | -1.0 | -2.0 | 104.0 | 28.06 | 97.4 | 26.20 | 91.0 | 24.38 | 87.8 | 23.48 | 84.4 | 22.57 | 78.0 | 20.82 | 71.4 | 19.07 |
| | 0.0 | -1.0 | 104.0 | 27.44 | 97.4 | 25.63 | 91.0 | 23.84 | 87.8 | 22.96 | 84.4 | 22.09 | 78.0 | 20.36 | 71.4 | 18.67 |
| | 2.0 | 1.0 | 104.0 | 26.22 | 97.4 | 24.50 | 91.0 | 22.80 | 87.8 | 21.95 | 84.4 | 21.13 | 78.0 | 19.49 | 71.4 | 17.87 |
| | 5.0 | 4.0 | 104.0 | 24.56 | 97.4 | 22.94 | 91.0 | 21.38 | 87.8 | 20.59 | 84.4 | 19.82 | 78.0 | 18.27 | 71.4 | 16.77 |
| | 7.0 | 6.0 | 104.0 | 23.53 | 97.4 | 22.00 | 91.0 | 20.48 | 87.8 | 19.74 | 84.4 | 19.00 | 78.0 | 17.54 | 71.4 | 16.09 |
| | 9.0 | 7.8 | 104.0 | 22.66 | 97.4 | 21.18 | 91.0 | 19.74 | 87.8 | 19.01 | 84.4 | 18.30 | 78.0 | 16.91 | 71.4 | 15.52 |
| | 12.0 | 10.6 | 104.0 | 21.36 | 97.6 | 19.97 | 91.0 | 18.61 | 87.8 | 17.96 | 84.4 | 17.28 | 78.0 | 15.95 | 71.4 | 14.67 |
| | 15.0 | 13.5 | 104.0 | 20.11 | 97.4 | 18.83 | 91.0 | 17.56 | 87.8 | 16.91 | 84.4 | 16.29 | 78.0 | 15.07 | 71.4 | 13.85 |
| 78.0 (60%) | -20.0 | -20.7 | 73.1 | 29.32 | 72.1 | 29.64 | 71.2 | 29.98 | 70.5 | 30.06 | 69.5 | 29.80 | 66.8 | 29.16 | 61.3 | 26.67 |
| | -15.0 | -16.0 | 84.6 | 31.51 | 82.3 | 31.13 | 78.0 | 29.58 | 75.1 | 28.47 | 72.5 | 27.39 | 66.8 | 25.22 | 61.3 | 23.10 |
| | -12.0 | -13.0 | 89.2 | 31.28 | 83.5 | 29.24 | 78.0 | 27.20 | 75.1 | 26.19 | 72.5 | 25.19 | 66.8 | 23.22 | 61.3 | 21.29 |
| | -9.0 | -10.0 | 89.2 | 28.91 | 83.5 | 27.01 | 78.0 | 25.14 | 75.1 | 24.23 | 72.5 | 23.31 | 66.8 | 21.49 | 61.3 | 19.71 |
| | -7.0 | -8.0 | 89.2 | 27.49 | 83.5 | 25.69 | 78.0 | 23.93 | 75.1 | 23.05 | 72.5 | 22.20 | 66.8 | 20.48 | 61.3 | 18.78 |
| | -5.0 | -6.0 | 89.2 | 26.19 | 83.5 | 24.49 | 78.0 | 22.80 | 75.1 | 21.98 | 72.5 | 21.16 | 66.8 | 19.54 | 61.3 | 17.93 |
| | -3.0 | -4.0 | 89.2 | 24.98 | 83.5 | 23.36 | 78.0 | 21.78 | 75.1 | 20.99 | 72.5 | 20.20 | 66.8 | 18.67 | 61.3 | 17.14 |
| | -1.0 | -2.0 | 89.2 | 23.87 | 83.5 | 22.32 | 78.0 | 20.82 | 75.1 | 20.06 | 72.5 | 19.32 | 66.8 | 17.85 | 61.3 | 16.40 |
| | 0.0 | -1.0 | 89.2 | 23.34 | 83.5 | 21.84 | 78.0 | 20.36 | 75.1 | 19.63 | 72.5 | 18.90 | 66.8 | 17.48 | 61.3 | 16.06 |
| | 2.0 | 1.0 | 89.2 | 22.32 | 83.5 | 20.90 | 78.0 | 19.49 | 75.1 | 18.78 | 72.5 | 18.10 | 66.8 | 16.74 | 61.3 | 15.39 |
| | 5.0 | 4.0 | 89.2 | 20.93 | 83.5 | 19.60 | 78.0 | 18.27 | 75.1 | 17.64 | 72.5 | 17.00 | 66.8 | 15.72 | 61.3 | 14.45 |
| | 7.0 | 6.0 | 89.2 | 20.05 | 83.5 | 18.78 | 78.0 | 17.54 | 75.1 | 16.91 | 72.5 | 16.29 | 66.8 | 15.10 | 61.3 | 13.89 |
| | 9.0 | 7.8 | 89.2 | 19.32 | 83.5 | 18.10 | 78.0 | 16.91 | 75.1 | 16.31 | 72.5 | 15.72 | 66.8 | 14.54 | 61.3 | 13.40 |
| | 12.0 | 10.6 | 89.2 | 18.24 | 83.5 | 17.09 | 78.0 | 15.95 | 75.1 | 15.41 | 72.5 | 14.85 | 66.8 | 13.77 | 61.3 | 12.67 |
| | 15.0 | 13.5 | 89.2 | 17.19 | 83.5 | 16.12 | 78.0 | 15.07 | 75.1 | 14.54 | 72.5 | 14.02 | 66.8 | 12.98 | 61.3 | 11.99 |

| Heating capacity at rated condition: 145.0 kW (46HP) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 65.0 (50%) | -20.0 | -20.7 | 70.3 | 29.94 | 68.2 | 29.53 | 65.0 | 28.32 | 62.7 | 27.29 | 60.4 | 26.25 | 55.7 | 24.21 | 51.1 | 22.20 |
| | -15.0 | -16.0 | 74.3 | 28.11 | 69.6 | 26.30 | 65.0 | 24.51 | 62.7 | 23.63 | 60.4 | 22.75 | 55.7 | 21.00 | 51.1 | 19.28 |
| | -12.0 | -13.0 | 74.3 | 25.85 | 69.6 | 24.20 | 65.0 | 22.57 | 62.7 | 21.77 | 60.4 | 20.95 | 55.7 | 19.37 | 51.1 | 17.79 |
| | -9.0 | -10.0 | 74.3 | 23.92 | 69.6 | 22.40 | 65.0 | 20.90 | 62.7 | 20.16 | 60.4 | 19.43 | 55.7 | 17.96 | 51.1 | 16.51 |
| | -7.0 | -8.0 | 74.3 | 22.77 | 69.6 | 21.33 | 65.0 | 19.91 | 62.7 | 19.20 | 60.4 | 18.52 | 55.7 | 17.13 | 51.1 | 15.75 |
| | -5.0 | -6.0 | 74.3 | 21.72 | 69.6 | 20.34 | 65.0 | 19.00 | 62.7 | 18.33 | 60.4 | 17.67 | 55.7 | 16.35 | 51.1 | 15.07 |
| | -3.0 | -4.0 | 74.3 | 20.73 | 69.6 | 19.43 | 65.0 | 18.16 | 62.7 | 17.53 | 60.4 | 16.89 | 55.7 | 15.64 | 51.1 | 14.42 |
| | -1.0 | -2.0 | 74.3 | 19.82 | 69.6 | 18.58 | 65.0 | 17.37 | 62.7 | 16.77 | 60.4 | 16.17 | 55.7 | 14.99 | 51.1 | 13.80 |
| | 0.0 | -1.0 | 74.3 | 19.38 | 69.6 | 18.18 | 65.0 | 17.00 | 62.7 | 16.40 | 60.4 | 15.81 | 55.7 | 14.65 | 51.1 | 13.52 |
| | 2.0 | 1.0 | 74.3 | 18.56 | 69.6 | 17.42 | 65.0 | 16.29 | 62.7 | 15.72 | 60.4 | 15.16 | 55.7 | 14.06 | 51.1 | 12.98 |
| | 5.0 | 4.0 | 74.3 | 17.42 | 69.6 | 16.35 | 65.0 | 15.30 | 62.7 | 14.77 | 60.4 | 14.25 | 55.7 | 13.23 | 51.1 | 12.21 |
| | 7.0 | 6.0 | 74.3 | 16.71 | 69.6 | 15.70 | 65.0 | 14.68 | 62.7 | 14.19 | 60.4 | 13.69 | 55.7 | 12.70 | 51.1 | 11.74 |
| | 9.0 | 7.8 | 74.3 | 16.12 | 69.6 | 15.13 | 65.0 | 14.17 | 62.7 | 13.69 | 60.4 | 13.21 | 55.7 | 12.27 | 51.1 | 11.34 |
| | 12.0 | 10.6 | 74.3 | 15.22 | 69.6 | 14.31 | 65.0 | 13.40 | 62.7 | 12.95 | 60.4 | 12.50 | 55.7 | 11.62 | 51.1 | 10.74 |
| | 15.0 | 13.5 | 74.3 | 14.37 | 69.6 | 13.51 | 65.0 | 12.64 | 62.7 | 12.24 | 60.4 | 11.82 | 55.7 | 11.00 | 51.1 | 10.18 |

# ■ Model: AJ∗432GALDH

| Heating capacity at rated condition: 150.0 kW (48HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 202.5 (150%) | -20.0 | -20.7 | 82.2 | 27.03 | 81.0 | 27.36 | 79.9 | 27.69 | 79.2 | 27.87 | 78.6 | 28.05 | 77.7 | 28.38 | 76.5 | 28.74 |
| | -15.0 | -16.0 | 93.6 | 28.35 | 92.7 | 28.77 | 91.8 | 29.19 | 91.2 | 29.40 | 90.9 | 29.61 | 90.0 | 30.03 | 89.1 | 30.48 |
| | -12.0 | -13.0 | 101.7 | 29.16 | 101.1 | 29.64 | 100.2 | 30.12 | 99.9 | 30.36 | 99.3 | 30.60 | 98.7 | 31.08 | 97.8 | 31.56 |
| | -9.0 | -10.0 | 110.4 | 30.00 | 109.8 | 30.51 | 109.1 | 31.05 | 108.6 | 31.29 | 108.3 | 31.56 | 107.7 | 32.10 | 106.8 | 32.64 |
| | -7.0 | -8.0 | 116.7 | 30.54 | 115.8 | 31.11 | 115.3 | 31.65 | 114.9 | 31.95 | 114.6 | 32.22 | 114.0 | 32.79 | 113.1 | 33.33 |
| | -5.0 | -6.0 | 123.0 | 31.11 | 122.4 | 31.68 | 121.6 | 32.28 | 121.2 | 32.58 | 120.9 | 32.88 | 120.3 | 33.45 | 119.7 | 34.05 |
| | -3.0 | -4.0 | 129.3 | 31.68 | 128.7 | 32.28 | 128.1 | 32.91 | 127.8 | 33.21 | 127.5 | 33.51 | 126.9 | 34.14 | 126.0 | 34.77 |
| | -1.0 | -2.0 | 136.2 | 32.25 | 135.3 | 32.88 | 134.8 | 33.51 | 134.4 | 33.84 | 134.1 | 34.17 | 133.5 | 34.83 | 132.6 | 35.46 |
| | 0.0 | -1.0 | 139.5 | 32.52 | 138.9 | 33.18 | 138.1 | 33.84 | 137.7 | 34.17 | 137.4 | 34.50 | 136.8 | 35.16 | 136.2 | 35.82 |
| | 2.0 | 1.0 | 146.4 | 33.09 | 145.5 | 33.78 | 144.9 | 34.44 | 144.6 | 34.80 | 144.3 | 35.13 | 143.4 | 35.82 | 142.8 | 36.51 |
| | 5.0 | 4.0 | 156.9 | 33.93 | 156.0 | 34.65 | 155.3 | 35.37 | 154.8 | 35.73 | 154.5 | 36.09 | 153.6 | 36.84 | 153.0 | 37.56 |
| | 7.0 | 6.0 | 163.8 | 34.50 | 162.9 | 35.25 | 162.2 | 36.00 | 161.7 | 36.36 | 161.4 | 36.75 | 160.5 | 37.50 | 159.0 | 38.04 |
| | 9.0 | 7.8 | 170.4 | 35.01 | 169.5 | 35.79 | 168.5 | 36.54 | 168.0 | 36.93 | 167.7 | 37.32 | 166.8 | 38.10 | 159.0 | 36.60 |
| | 12.0 | 10.6 | 180.3 | 35.82 | 179.4 | 36.60 | 178.3 | 37.41 | 177.9 | 37.80 | 177.3 | 38.19 | 173.7 | 38.10 | 159.0 | 34.44 |
| | 15.0 | 13.5 | 190.8 | 36.63 | 189.6 | 37.44 | 188.4 | 38.25 | 187.8 | 38.67 | 187.2 | 39.09 | 173.7 | 35.82 | 159.0 | 32.40 |
| 189.0 (140%) | -20.0 | -20.7 | 81.6 | 27.18 | 80.7 | 27.51 | 79.4 | 27.84 | 78.9 | 28.02 | 78.3 | 28.17 | 77.1 | 28.53 | 75.9 | 28.86 |
| | -15.0 | -16.0 | 93.3 | 28.53 | 92.4 | 28.95 | 91.4 | 29.37 | 90.9 | 29.58 | 90.6 | 29.79 | 89.7 | 30.24 | 88.8 | 30.66 |
| | -12.0 | -13.0 | 101.4 | 29.40 | 100.5 | 29.88 | 99.8 | 30.36 | 99.3 | 30.57 | 99.0 | 30.81 | 98.1 | 31.29 | 97.5 | 31.80 |
| | -9.0 | -10.0 | 110.1 | 30.27 | 109.5 | 30.81 | 108.7 | 31.32 | 108.3 | 31.59 | 108.0 | 31.86 | 107.4 | 32.37 | 106.5 | 32.91 |
| | -7.0 | -8.0 | 116.1 | 30.87 | 115.5 | 31.41 | 114.9 | 31.98 | 114.6 | 32.25 | 114.3 | 32.52 | 113.4 | 33.09 | 112.8 | 33.66 |
| | -5.0 | -6.0 | 122.4 | 31.47 | 121.8 | 32.04 | 121.2 | 32.64 | 120.9 | 32.94 | 120.6 | 33.21 | 120.0 | 33.81 | 119.1 | 34.41 |
| | -3.0 | -4.0 | 129.0 | 32.07 | 128.4 | 32.67 | 127.7 | 33.30 | 127.5 | 33.60 | 126.9 | 33.90 | 126.3 | 34.53 | 125.7 | 35.16 |
| | -1.0 | -2.0 | 135.6 | 32.67 | 135.0 | 33.30 | 134.3 | 33.96 | 134.1 | 34.26 | 133.5 | 34.59 | 132.9 | 35.25 | 132.3 | 35.91 |
| | 0.0 | -1.0 | 138.9 | 32.97 | 138.3 | 33.63 | 137.7 | 34.29 | 137.4 | 34.62 | 137.1 | 34.95 | 136.2 | 35.61 | 135.6 | 36.27 |
| | 2.0 | 1.0 | 145.8 | 33.57 | 145.2 | 34.26 | 144.4 | 34.95 | 144.0 | 35.28 | 143.7 | 35.64 | 143.1 | 36.33 | 142.2 | 37.02 |
| | 5.0 | 4.0 | 156.3 | 34.50 | 155.4 | 35.22 | 154.7 | 35.94 | 154.2 | 36.30 | 153.9 | 36.66 | 153.0 | 37.38 | 148.5 | 36.75 |
| | 7.0 | 6.0 | 163.2 | 35.10 | 162.3 | 35.85 | 161.6 | 36.60 | 161.1 | 36.96 | 160.8 | 37.35 | 159.9 | 38.10 | 148.5 | 35.16 |
| | 9.0 | 7.8 | 169.5 | 35.67 | 168.6 | 36.42 | 167.8 | 37.17 | 167.4 | 37.56 | 166.8 | 37.95 | 162.0 | 37.35 | 148.5 | 33.84 |
| | 12.0 | 10.6 | 179.4 | 36.51 | 178.5 | 37.29 | 177.4 | 38.10 | 177.0 | 38.49 | 175.5 | 38.58 | 162.0 | 35.16 | 148.5 | 31.86 |
| | 15.0 | 13.5 | 189.6 | 37.38 | 188.4 | 38.19 | 187.4 | 39.03 | 182.4 | 37.92 | 175.5 | 36.27 | 162.0 | 33.06 | 148.5 | 29.97 |
| 175.5 (130%) | -20.0 | -20.7 | 81.3 | 27.33 | 80.1 | 27.66 | 78.9 | 27.99 | 78.3 | 28.17 | 77.7 | 28.32 | 76.5 | 28.68 | 75.6 | 29.04 |
| | -15.0 | -16.0 | 92.7 | 28.77 | 91.8 | 29.16 | 90.9 | 29.58 | 90.6 | 29.79 | 90.0 | 30.03 | 89.1 | 30.45 | 88.2 | 30.87 |
| | -12.0 | -13.0 | 100.8 | 29.67 | 100.2 | 30.15 | 99.3 | 30.63 | 99.0 | 30.84 | 98.4 | 31.08 | 97.8 | 31.56 | 96.9 | 32.07 |
| | -9.0 | -10.0 | 109.8 | 30.60 | 108.9 | 31.11 | 108.2 | 31.65 | 108.0 | 31.92 | 107.4 | 32.16 | 106.8 | 32.70 | 106.2 | 33.24 |
| | -7.0 | -8.0 | 115.8 | 31.23 | 115.2 | 31.77 | 114.4 | 32.34 | 114.0 | 32.61 | 113.7 | 32.91 | 113.1 | 33.45 | 112.5 | 34.02 |
| | -5.0 | -6.0 | 122.1 | 31.86 | 121.5 | 32.46 | 120.8 | 33.03 | 120.3 | 33.33 | 120.0 | 33.63 | 119.4 | 34.23 | 118.8 | 34.80 |
| | -3.0 | -4.0 | 128.4 | 32.52 | 127.8 | 33.12 | 127.2 | 33.75 | 126.9 | 34.05 | 126.6 | 34.35 | 126.0 | 34.98 | 125.1 | 35.61 |
| | -1.0 | -2.0 | 135.0 | 33.15 | 134.4 | 33.81 | 133.8 | 34.44 | 133.5 | 34.77 | 133.2 | 35.10 | 132.6 | 35.73 | 131.7 | 36.39 |
| | 0.0 | -1.0 | 138.6 | 33.48 | 137.7 | 34.14 | 137.1 | 34.80 | 136.8 | 35.13 | 136.5 | 35.46 | 135.9 | 36.12 | 135.0 | 36.78 |
| | 2.0 | 1.0 | 145.2 | 34.14 | 144.6 | 34.83 | 143.8 | 35.49 | 143.4 | 35.85 | 143.1 | 36.18 | 142.5 | 36.87 | 138.0 | 36.18 |
| | 5.0 | 4.0 | 155.4 | 35.13 | 154.8 | 35.85 | 154.0 | 36.57 | 153.6 | 36.93 | 153.3 | 37.29 | 150.3 | 37.29 | 138.0 | 33.81 |
| | 7.0 | 6.0 | 162.3 | 35.79 | 161.7 | 36.54 | 160.8 | 37.29 | 160.5 | 37.65 | 159.9 | 38.01 | 150.3 | 35.70 | 138.0 | 32.37 |
| | 9.0 | 7.8 | 168.6 | 36.39 | 167.7 | 37.14 | 166.9 | 37.92 | 166.5 | 38.28 | 162.9 | 37.62 | 150.3 | 34.32 | 138.0 | 31.14 |
| | 12.0 | 10.6 | 178.5 | 37.32 | 177.3 | 38.10 | 175.5 | 38.58 | 169.2 | 36.99 | 162.9 | 35.40 | 150.3 | 32.34 | 138.0 | 29.34 |
| | 15.0 | 13.5 | 188.4 | 38.25 | 187.2 | 39.06 | 175.5 | 36.27 | 169.2 | 34.77 | 162.9 | 33.30 | 150.3 | 30.39 | 138.0 | 27.60 |
| 162.0 (120%) | -20.0 | -20.7 | 80.7 | 27.51 | 79.5 | 27.84 | 78.3 | 28.17 | 77.7 | 28.35 | 77.1 | 28.50 | 76.2 | 28.86 | 75.0 | 29.19 |
| | -15.0 | -16.0 | 92.1 | 29.01 | 91.2 | 29.43 | 90.4 | 29.85 | 90.0 | 30.06 | 89.4 | 30.27 | 88.5 | 30.69 | 87.9 | 31.14 |
| | -12.0 | -13.0 | 100.5 | 30.00 | 99.6 | 30.45 | 98.8 | 30.93 | 98.4 | 31.17 | 98.1 | 31.41 | 97.2 | 31.89 | 96.6 | 32.37 |
| | -9.0 | -10.0 | 109.2 | 30.99 | 108.3 | 31.50 | 107.7 | 32.01 | 107.4 | 32.28 | 107.1 | 32.55 | 106.2 | 33.09 | 105.6 | 33.60 |
| | -7.0 | -8.0 | 115.2 | 31.65 | 114.6 | 32.22 | 113.9 | 32.76 | 113.7 | 33.03 | 113.1 | 33.33 | 112.5 | 33.87 | 111.9 | 34.44 |
| | -5.0 | -6.0 | 121.5 | 32.34 | 120.9 | 32.91 | 120.2 | 33.51 | 120.0 | 33.81 | 119.7 | 34.11 | 118.8 | 34.68 | 118.2 | 35.28 |
| | -3.0 | -4.0 | 128.1 | 33.03 | 127.2 | 33.63 | 126.7 | 34.26 | 126.3 | 34.56 | 126.0 | 34.89 | 125.4 | 35.49 | 124.8 | 36.12 |
| | -1.0 | -2.0 | 134.4 | 33.72 | 133.8 | 34.38 | 133.2 | 35.01 | 132.9 | 35.34 | 132.6 | 35.67 | 132.0 | 36.30 | 127.2 | 35.46 |
| | 0.0 | -1.0 | 138.0 | 34.08 | 137.1 | 34.74 | 136.5 | 35.40 | 136.2 | 35.73 | 135.9 | 36.06 | 135.3 | 36.72 | 127.2 | 34.65 |
| | 2.0 | 1.0 | 144.6 | 34.80 | 144.0 | 35.46 | 143.2 | 36.15 | 142.8 | 36.51 | 142.5 | 36.84 | 138.9 | 36.45 | 127.2 | 33.09 |
| | 5.0 | 4.0 | 154.8 | 35.88 | 153.9 | 36.60 | 153.2 | 37.32 | 152.7 | 37.68 | 150.3 | 37.29 | 138.9 | 34.08 | 127.2 | 30.96 |
| | 7.0 | 6.0 | 161.7 | 36.60 | 160.8 | 37.32 | 159.9 | 38.07 | 156.3 | 37.26 | 150.3 | 35.70 | 138.9 | 32.61 | 127.2 | 29.64 |
| | 9.0 | 7.8 | 167.7 | 37.23 | 166.8 | 38.01 | 162.0 | 37.35 | 156.3 | 35.82 | 150.3 | 34.32 | 138.9 | 31.38 | 127.2 | 28.50 |
| | 12.0 | 10.6 | 177.3 | 38.25 | 173.7 | 38.10 | 162.0 | 35.16 | 156.3 | 33.75 | 150.3 | 32.34 | 138.9 | 29.55 | 127.2 | 26.88 |
| | 15.0 | 13.5 | 185.1 | 38.61 | 173.7 | 35.82 | 162.0 | 33.06 | 156.3 | 31.74 | 150.3 | 30.39 | 138.9 | 27.81 | 127.2 | 25.29 |
| 148.5 (110%) | -20.0 | -20.7 | 79.8 | 27.72 | 78.6 | 28.05 | 77.6 | 28.38 | 77.1 | 28.53 | 76.5 | 28.71 | 75.3 | 29.07 | 74.4 | 29.40 |
| | -15.0 | -16.0 | 91.5 | 29.31 | 90.6 | 29.73 | 89.8 | 30.15 | 89.4 | 30.36 | 88.8 | 30.57 | 87.9 | 30.99 | 87.3 | 31.44 |
| | -12.0 | -13.0 | 99.9 | 30.36 | 99.0 | 30.81 | 98.2 | 31.29 | 97.8 | 31.53 | 97.5 | 31.77 | 96.6 | 32.25 | 96.0 | 32.73 |
| | -9.0 | -10.0 | 108.6 | 31.41 | 107.7 | 31.95 | 107.1 | 32.46 | 106.8 | 32.73 | 106.5 | 33.00 | 105.9 | 33.51 | 105.0 | 34.05 |
| | -7.0 | -8.0 | 114.6 | 32.16 | 114.0 | 32.70 | 113.3 | 33.27 | 113.1 | 33.54 | 112.5 | 33.81 | 111.9 | 34.38 | 111.3 | 34.95 |
| | -5.0 | -6.0 | 120.9 | 32.88 | 120.3 | 33.48 | 119.6 | 34.05 | 119.4 | 34.35 | 119.1 | 34.65 | 118.2 | 35.25 | 116.7 | 35.43 |
| | -3.0 | -4.0 | 127.2 | 33.63 | 126.6 | 34.26 | 126.0 | 34.86 | 125.7 | 35.19 | 125.4 | 35.49 | 124.8 | 36.12 | 116.7 | 33.78 |
| | -1.0 | -2.0 | 133.8 | 34.41 | 133.2 | 35.04 | 132.5 | 35.70 | 132.3 | 36.00 | 131.7 | 36.33 | 127.2 | 35.46 | 116.7 | 32.22 |
| | 0.0 | -1.0 | 137.1 | 34.80 | 136.5 | 35.43 | 135.8 | 36.09 | 135.3 | 36.42 | 135.0 | 36.75 | 127.2 | 34.65 | 116.7 | 31.50 |
| | 2.0 | 1.0 | 143.7 | 35.55 | 143.1 | 36.24 | 142.4 | 36.93 | 141.9 | 37.26 | 138.0 | 36.18 | 127.2 | 33.09 | 116.7 | 30.09 |
| | 5.0 | 4.0 | 153.9 | 36.75 | 153.0 | 37.44 | 148.5 | 36.75 | 143.1 | 35.28 | 138.0 | 33.81 | 127.2 | 30.96 | 116.7 | 28.17 |
| | 7.0 | 6.0 | 160.5 | 37.53 | 159.0 | 38.04 | 148.5 | 35.16 | 143.1 | 33.78 | 138.0 | 32.37 | 127.2 | 29.64 | 116.7 | 26.97 |
| | 9.0 | 7.8 | 166.5 | 38.22 | 159.0 | 36.60 | 148.5 | 33.84 | 143.1 | 32.49 | 138.0 | 31.14 | 127.2 | 28.50 | 116.7 | 25.95 |
| | 12.0 | 10.6 | 169.8 | 37.11 | 159.0 | 34.44 | 148.5 | 31.86 | 143.1 | 30.60 | 138.0 | 29.34 | 127.2 | 26.88 | 116.7 | 24.45 |
| | 15.0 | 13.5 | 169.8 | 34.89 | 159.0 | 32.40 | 148.5 | 29.97 | 143.1 | 28.77 | 138.0 | 27.60 | 127.2 | 25.29 | 116.7 | 23.04 |

MODEL SELECTION

| Heating capacity at rated condition: 150.0 kW (48HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 135.0 (100%) | -20.0 | -20.7 | 78.9 | 27.96 | 78.0 | 28.29 | 76.8 | 28.62 | 76.2 | 28.80 | 75.6 | 28.95 | 74.7 | 29.31 | 73.5 | 29.64 |
| | -15.0 | -16.0 | 90.9 | 29.67 | 90.0 | 30.09 | 89.0 | 30.51 | 88.5 | 30.72 | 88.2 | 30.93 | 87.3 | 31.35 | 86.4 | 31.80 |
| | -12.0 | -13.0 | 99.0 | 30.78 | 98.4 | 31.26 | 97.5 | 31.74 | 97.2 | 31.98 | 96.9 | 32.22 | 96.0 | 32.70 | 95.4 | 33.18 |
| | -9.0 | -10.0 | 107.7 | 31.95 | 107.1 | 32.46 | 106.4 | 33.00 | 106.2 | 33.27 | 105.9 | 33.51 | 105.0 | 34.05 | 104.4 | 34.59 |
| | -7.0 | -8.0 | 114.0 | 32.73 | 113.4 | 33.30 | 112.6 | 33.84 | 112.2 | 34.14 | 111.9 | 34.41 | 111.3 | 34.98 | 106.2 | 33.57 |
| | -5.0 | -6.0 | 120.3 | 33.54 | 119.4 | 34.14 | 118.9 | 34.71 | 118.5 | 35.01 | 118.2 | 35.31 | 115.8 | 35.13 | 106.2 | 31.95 |
| | -3.0 | -4.0 | 126.6 | 34.38 | 126.0 | 34.98 | 125.2 | 35.61 | 124.8 | 35.91 | 124.5 | 36.21 | 115.8 | 33.45 | 106.2 | 30.45 |
| | -1.0 | -2.0 | 132.9 | 35.22 | 132.3 | 35.85 | 131.7 | 36.48 | 130.2 | 36.33 | 125.4 | 34.86 | 115.8 | 31.92 | 106.2 | 29.07 |
| | 0.0 | -1.0 | 136.2 | 35.64 | 135.6 | 36.27 | 134.9 | 36.93 | 130.2 | 35.52 | 125.4 | 34.05 | 115.8 | 31.20 | 106.2 | 28.41 |
| | 2.0 | 1.0 | 142.8 | 36.48 | 142.2 | 37.17 | 135.0 | 35.31 | 130.2 | 33.93 | 125.4 | 32.55 | 115.8 | 29.82 | 106.2 | 27.18 |
| | 5.0 | 4.0 | 152.7 | 37.77 | 144.6 | 35.67 | 135.0 | 33.03 | 130.2 | 31.74 | 125.4 | 30.45 | 115.8 | 27.90 | 106.2 | 25.44 |
| | 7.0 | 6.0 | 154.2 | 36.75 | 144.6 | 34.14 | 135.0 | 31.62 | 130.2 | 30.39 | 125.4 | 29.16 | 115.8 | 26.73 | 106.2 | 24.36 |
| | 9.0 | 7.8 | 154.2 | 35.31 | 144.6 | 32.85 | 135.0 | 30.42 | 130.2 | 29.22 | 125.4 | 28.05 | 115.8 | 25.71 | 106.2 | 23.46 |
| | 12.0 | 10.6 | 154.2 | 33.27 | 144.6 | 30.93 | 135.0 | 28.65 | 130.2 | 27.54 | 125.4 | 26.43 | 115.8 | 24.24 | 106.2 | 22.11 |
| | 15.0 | 13.5 | 154.2 | 31.29 | 144.6 | 29.10 | 135.0 | 26.97 | 130.2 | 25.92 | 125.4 | 24.87 | 115.8 | 22.83 | 106.2 | 20.82 |
| 121.5 (90%) | -20.0 | -20.7 | 78.0 | 28.26 | 76.8 | 28.59 | 75.9 | 28.92 | 75.3 | 29.10 | 74.7 | 29.25 | 73.8 | 29.61 | 72.9 | 29.94 |
| | -15.0 | -16.0 | 90.0 | 30.09 | 89.1 | 30.51 | 88.2 | 30.93 | 87.6 | 31.14 | 87.3 | 31.35 | 86.4 | 31.77 | 85.8 | 32.22 |
| | -12.0 | -13.0 | 98.1 | 31.32 | 97.5 | 31.80 | 96.7 | 32.25 | 96.3 | 32.49 | 96.0 | 32.73 | 95.1 | 33.21 | 94.5 | 33.69 |
| | -9.0 | -10.0 | 107.1 | 32.58 | 106.2 | 33.12 | 105.6 | 33.63 | 105.3 | 33.90 | 105.0 | 34.17 | 104.1 | 34.65 | 95.4 | 31.56 |
| | -7.0 | -8.0 | 113.1 | 33.45 | 112.5 | 34.02 | 111.7 | 34.56 | 111.3 | 34.86 | 111.0 | 35.13 | 104.1 | 32.91 | 95.4 | 30.00 |
| | -5.0 | -6.0 | 119.4 | 34.35 | 118.5 | 34.95 | 118.0 | 35.52 | 117.3 | 35.61 | 112.8 | 34.17 | 104.1 | 31.32 | 95.4 | 28.56 |
| | -3.0 | -4.0 | 125.7 | 35.25 | 125.1 | 35.88 | 121.5 | 35.31 | 117.3 | 33.93 | 112.8 | 32.55 | 104.1 | 29.88 | 95.4 | 27.24 |
| | -1.0 | -2.0 | 132.0 | 36.18 | 130.2 | 36.33 | 121.5 | 33.66 | 117.3 | 32.37 | 112.8 | 31.08 | 104.1 | 28.50 | 95.4 | 26.01 |
| | 0.0 | -1.0 | 135.3 | 36.66 | 130.2 | 35.52 | 121.5 | 32.91 | 117.3 | 31.62 | 112.8 | 30.36 | 104.1 | 27.87 | 95.4 | 25.44 |
| | 2.0 | 1.0 | 138.9 | 36.45 | 130.2 | 33.93 | 121.5 | 31.44 | 117.3 | 30.24 | 112.8 | 29.01 | 104.1 | 26.64 | 95.4 | 24.33 |
| | 5.0 | 4.0 | 138.9 | 34.08 | 130.2 | 31.74 | 121.5 | 29.43 | 117.3 | 28.29 | 112.8 | 27.18 | 104.1 | 24.96 | 95.4 | 22.77 |
| | 7.0 | 6.0 | 138.9 | 32.61 | 130.2 | 30.39 | 121.5 | 28.17 | 117.3 | 27.09 | 112.8 | 26.01 | 104.1 | 23.91 | 95.4 | 21.84 |
| | 9.0 | 7.8 | 138.9 | 31.38 | 130.2 | 29.22 | 121.5 | 27.12 | 117.3 | 26.07 | 112.8 | 25.05 | 104.1 | 23.01 | 95.4 | 21.03 |
| | 12.0 | 10.6 | 138.9 | 29.55 | 130.2 | 27.54 | 121.5 | 25.56 | 117.3 | 24.57 | 112.8 | 23.61 | 104.1 | 21.69 | 95.4 | 19.83 |
| | 15.0 | 13.5 | 138.9 | 27.81 | 130.2 | 25.92 | 121.5 | 24.06 | 117.3 | 23.13 | 112.8 | 22.23 | 104.1 | 20.43 | 95.4 | 18.69 |
| 108.0 (80%) | -20.0 | -20.7 | 76.8 | 28.62 | 75.9 | 28.95 | 74.7 | 29.28 | 74.1 | 29.46 | 73.8 | 29.61 | 72.6 | 29.97 | 71.7 | 30.30 |
| | -15.0 | -16.0 | 88.8 | 30.63 | 87.9 | 31.05 | 87.1 | 31.47 | 86.7 | 31.68 | 86.4 | 31.89 | 85.5 | 32.31 | 84.6 | 32.76 |
| | -12.0 | -13.0 | 97.2 | 31.98 | 96.3 | 32.46 | 95.7 | 32.91 | 95.4 | 33.15 | 94.8 | 33.39 | 92.7 | 33.06 | 84.9 | 30.15 |
| | -9.0 | -10.0 | 105.9 | 33.39 | 105.3 | 33.90 | 104.6 | 34.44 | 104.1 | 34.65 | 100.2 | 33.27 | 92.7 | 30.54 | 84.9 | 27.87 |
| | -7.0 | -8.0 | 111.9 | 34.35 | 111.3 | 34.92 | 108.0 | 34.23 | 104.1 | 32.91 | 100.2 | 31.62 | 92.7 | 29.04 | 84.9 | 26.52 |
| | -5.0 | -6.0 | 118.2 | 35.34 | 115.8 | 35.13 | 108.0 | 32.58 | 104.1 | 31.32 | 100.2 | 30.09 | 92.7 | 27.66 | 84.9 | 25.26 |
| | -3.0 | -4.0 | 123.3 | 35.91 | 115.8 | 33.45 | 108.0 | 31.05 | 104.1 | 29.88 | 100.2 | 28.68 | 92.7 | 26.37 | 84.9 | 24.09 |
| | -1.0 | -2.0 | 123.3 | 34.26 | 115.8 | 31.92 | 108.0 | 29.64 | 104.1 | 28.50 | 100.2 | 27.39 | 92.7 | 25.20 | 84.9 | 23.01 |
| | 0.0 | -1.0 | 123.3 | 33.48 | 115.8 | 31.20 | 108.0 | 28.98 | 104.1 | 27.87 | 100.2 | 26.79 | 92.7 | 24.63 | 84.9 | 22.50 |
| | 2.0 | 1.0 | 123.3 | 31.98 | 115.8 | 29.82 | 108.0 | 27.69 | 104.1 | 26.64 | 100.2 | 25.62 | 92.7 | 23.55 | 84.9 | 21.54 |
| | 5.0 | 4.0 | 123.3 | 29.94 | 115.8 | 27.90 | 108.0 | 25.92 | 104.1 | 24.96 | 100.2 | 23.97 | 92.7 | 22.08 | 84.9 | 20.19 |
| | 7.0 | 6.0 | 123.3 | 28.65 | 115.8 | 26.73 | 108.0 | 24.84 | 104.1 | 23.91 | 100.2 | 22.98 | 92.7 | 21.15 | 84.9 | 19.35 |
| | 9.0 | 7.8 | 123.3 | 27.57 | 115.8 | 25.71 | 108.0 | 23.91 | 104.1 | 23.01 | 100.2 | 22.11 | 92.7 | 20.37 | 84.9 | 18.66 |
| | 12.0 | 10.6 | 123.3 | 25.98 | 115.8 | 24.24 | 108.0 | 22.53 | 104.1 | 21.69 | 100.2 | 20.88 | 92.7 | 19.23 | 84.9 | 17.61 |
| | 15.0 | 13.5 | 123.3 | 24.45 | 115.8 | 22.83 | 108.0 | 21.21 | 104.1 | 20.43 | 100.2 | 19.65 | 92.7 | 18.12 | 84.9 | 16.59 |
| 94.5 (70%) | -20.0 | -20.7 | 75.3 | 29.07 | 74.4 | 29.40 | 73.4 | 29.76 | 72.9 | 29.91 | 72.3 | 30.09 | 71.4 | 30.42 | 70.5 | 30.78 |
| | -15.0 | -16.0 | 87.3 | 31.29 | 86.7 | 31.71 | 85.8 | 32.13 | 85.5 | 32.34 | 84.9 | 32.55 | 81.0 | 31.26 | 74.1 | 28.56 |
| | -12.0 | -13.0 | 95.7 | 32.82 | 95.1 | 33.27 | 94.4 | 33.75 | 91.2 | 32.52 | 87.6 | 31.26 | 81.0 | 28.74 | 74.1 | 26.25 |
| | -9.0 | -10.0 | 104.7 | 34.41 | 101.4 | 33.60 | 94.5 | 31.20 | 91.2 | 30.03 | 87.6 | 28.86 | 81.0 | 26.55 | 74.1 | 24.30 |
| | -7.0 | -8.0 | 108.0 | 34.23 | 101.1 | 31.92 | 94.5 | 29.67 | 91.2 | 28.56 | 87.6 | 27.45 | 81.0 | 25.26 | 74.1 | 23.10 |
| | -5.0 | -6.0 | 108.0 | 32.58 | 101.1 | 30.39 | 94.5 | 28.26 | 91.2 | 27.21 | 87.6 | 26.16 | 81.0 | 24.06 | 74.1 | 22.05 |
| | -3.0 | -4.0 | 108.0 | 31.05 | 101.4 | 28.98 | 94.5 | 26.94 | 91.2 | 25.95 | 87.6 | 24.93 | 81.0 | 22.98 | 74.1 | 21.03 |
| | -1.0 | -2.0 | 108.0 | 29.64 | 101.1 | 27.66 | 94.5 | 25.74 | 91.2 | 24.78 | 87.6 | 23.82 | 81.0 | 21.96 | 74.1 | 20.10 |
| | 0.0 | -1.0 | 108.0 | 28.98 | 101.1 | 27.06 | 94.5 | 25.17 | 91.2 | 24.24 | 87.6 | 23.31 | 81.0 | 21.48 | 74.1 | 19.68 |
| | 2.0 | 1.0 | 108.0 | 27.69 | 101.1 | 25.86 | 94.5 | 24.06 | 91.2 | 23.16 | 87.6 | 22.29 | 81.0 | 20.55 | 74.1 | 18.84 |
| | 5.0 | 4.0 | 108.0 | 25.92 | 101.1 | 24.21 | 94.5 | 22.56 | 91.2 | 21.72 | 87.6 | 20.91 | 81.0 | 19.26 | 74.1 | 17.67 |
| | 7.0 | 6.0 | 108.0 | 24.84 | 101.1 | 23.22 | 94.5 | 21.60 | 91.2 | 20.82 | 87.6 | 20.04 | 81.0 | 18.48 | 74.1 | 16.95 |
| | 9.0 | 7.8 | 108.0 | 23.91 | 101.1 | 22.35 | 94.5 | 20.82 | 91.2 | 20.04 | 87.6 | 19.29 | 81.0 | 17.82 | 74.1 | 16.35 |
| | 12.0 | 10.6 | 108.0 | 22.53 | 101.4 | 21.06 | 94.5 | 19.62 | 91.2 | 18.93 | 87.6 | 18.21 | 81.0 | 16.80 | 74.1 | 15.45 |
| | 15.0 | 13.5 | 108.0 | 21.21 | 101.1 | 19.86 | 94.5 | 18.51 | 91.2 | 17.82 | 87.6 | 17.16 | 81.0 | 15.87 | 74.1 | 14.58 |
| 81.0 (60%) | -20.0 | -20.7 | 73.5 | 29.67 | 72.6 | 30.00 | 71.6 | 30.36 | 71.1 | 30.51 | 70.8 | 30.69 | 69.3 | 30.84 | 63.6 | 28.20 |
| | -15.0 | -16.0 | 85.8 | 32.19 | 84.9 | 32.61 | 81.0 | 31.26 | 78.0 | 30.09 | 75.3 | 28.95 | 69.3 | 26.64 | 63.6 | 24.39 |
| | -12.0 | -13.0 | 92.7 | 33.06 | 86.7 | 30.90 | 81.0 | 28.74 | 78.0 | 27.66 | 75.3 | 26.61 | 69.3 | 24.51 | 63.6 | 22.47 |
| | -9.0 | -10.0 | 92.7 | 30.54 | 86.7 | 28.53 | 81.0 | 26.55 | 78.0 | 25.59 | 75.3 | 24.60 | 69.3 | 22.68 | 63.6 | 20.79 |
| | -7.0 | -8.0 | 92.7 | 29.04 | 86.7 | 27.12 | 81.0 | 25.26 | 78.0 | 24.33 | 75.3 | 23.43 | 69.3 | 21.60 | 63.6 | 19.80 |
| | -5.0 | -6.0 | 92.7 | 27.66 | 86.7 | 25.86 | 81.0 | 24.06 | 78.0 | 23.19 | 75.3 | 22.32 | 69.3 | 20.61 | 63.6 | 18.90 |
| | -3.0 | -4.0 | 92.7 | 26.37 | 86.7 | 24.66 | 81.0 | 22.98 | 78.0 | 22.14 | 75.3 | 21.30 | 69.3 | 19.68 | 63.6 | 18.06 |
| | -1.0 | -2.0 | 92.7 | 25.20 | 86.7 | 23.55 | 81.0 | 21.96 | 78.0 | 21.15 | 75.3 | 20.37 | 69.3 | 18.81 | 63.6 | 17.28 |
| | 0.0 | -1.0 | 92.7 | 24.63 | 86.7 | 23.04 | 81.0 | 21.48 | 78.0 | 20.70 | 75.3 | 19.92 | 69.3 | 18.42 | 63.6 | 16.92 |
| | 2.0 | 1.0 | 92.7 | 23.55 | 86.7 | 22.05 | 81.0 | 20.55 | 78.0 | 19.80 | 75.3 | 19.08 | 69.3 | 17.64 | 63.6 | 16.20 |
| | 5.0 | 4.0 | 92.7 | 22.08 | 86.7 | 20.67 | 81.0 | 19.26 | 78.0 | 18.60 | 75.3 | 17.91 | 69.3 | 16.56 | 63.6 | 15.21 |
| | 7.0 | 6.0 | 92.7 | 21.15 | 86.7 | 19.80 | 81.0 | 18.48 | 78.0 | 17.82 | 75.3 | 17.16 | 69.3 | 15.90 | 63.6 | 14.61 |
| | 9.0 | 7.8 | 92.7 | 20.37 | 86.7 | 19.08 | 81.0 | 17.82 | 78.0 | 17.19 | 75.3 | 16.56 | 69.3 | 15.30 | 63.6 | 14.10 |
| | 12.0 | 10.6 | 92.7 | 19.23 | 86.7 | 18.00 | 81.0 | 16.80 | 78.0 | 16.23 | 75.3 | 15.63 | 69.3 | 14.49 | 63.6 | 13.32 |
| | 15.0 | 13.5 | 92.7 | 18.12 | 86.7 | 16.98 | 81.0 | 15.87 | 78.0 | 15.30 | 75.3 | 14.76 | 69.3 | 13.65 | 63.6 | 12.60 |

| Heating capacity at rated condition: 150.0 kW (48HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 67.5 (50%) | -20.0 | -20.7 | 71.1 | 30.51 | 70.2 | 30.84 | 67.5 | 29.94 | 65.1 | 28.86 | 62.7 | 27.75 | 57.9 | 25.59 | 53.1 | 23.46 |
| | -15.0 | -16.0 | 77.1 | 29.70 | 72.3 | 27.78 | 67.5 | 25.89 | 65.1 | 24.96 | 62.7 | 24.03 | 57.9 | 22.17 | 53.1 | 20.34 |
| | -12.0 | -13.0 | 77.1 | 27.30 | 72.3 | 25.56 | 67.5 | 23.82 | 65.1 | 22.98 | 62.7 | 22.11 | 57.9 | 20.43 | 53.1 | 18.75 |
| | -9.0 | -10.0 | 77.1 | 25.26 | 72.3 | 23.64 | 67.5 | 22.05 | 65.1 | 21.27 | 62.7 | 20.49 | 57.9 | 18.93 | 53.1 | 17.40 |
| | -7.0 | -8.0 | 77.1 | 24.03 | 72.3 | 22.50 | 67.5 | 21.00 | 65.1 | 20.25 | 62.7 | 19.53 | 57.9 | 18.06 | 53.1 | 16.59 |
| | -5.0 | -6.0 | 77.1 | 22.92 | 72.3 | 21.45 | 67.5 | 20.04 | 65.1 | 19.32 | 62.7 | 18.63 | 57.9 | 17.22 | 53.1 | 15.87 |
| | -3.0 | -4.0 | 77.1 | 21.87 | 72.3 | 20.49 | 67.5 | 19.14 | 65.1 | 18.48 | 62.7 | 17.79 | 57.9 | 16.47 | 53.1 | 15.18 |
| | -1.0 | -2.0 | 77.1 | 20.91 | 72.3 | 19.59 | 67.5 | 18.30 | 65.1 | 17.67 | 62.7 | 17.04 | 57.9 | 15.78 | 53.1 | 14.52 |
| | 0.0 | -1.0 | 77.1 | 20.43 | 72.3 | 19.17 | 67.5 | 17.91 | 65.1 | 17.28 | 62.7 | 16.65 | 57.9 | 15.42 | 53.1 | 14.22 |
| | 2.0 | 1.0 | 77.1 | 19.56 | 72.3 | 18.36 | 67.5 | 17.16 | 65.1 | 16.56 | 62.7 | 15.96 | 57.9 | 14.79 | 53.1 | 13.65 |
| | 5.0 | 4.0 | 77.1 | 18.36 | 72.3 | 17.22 | 67.5 | 16.11 | 65.1 | 15.54 | 62.7 | 15.00 | 57.9 | 13.92 | 53.1 | 12.84 |
| | 7.0 | 6.0 | 77.1 | 17.61 | 72.3 | 16.53 | 67.5 | 15.45 | 65.1 | 14.94 | 62.7 | 14.40 | 57.9 | 13.35 | 53.1 | 12.33 |
| | 9.0 | 7.8 | 77.1 | 16.98 | 72.3 | 15.93 | 67.5 | 14.91 | 65.1 | 14.40 | 62.7 | 13.89 | 57.9 | 12.90 | 53.1 | 11.91 |
| | 12.0 | 10.6 | 77.1 | 16.02 | 72.3 | 15.06 | 67.5 | 14.10 | 65.1 | 13.62 | 62.7 | 13.14 | 57.9 | 12.21 | 53.1 | 11.28 |
| | 15.0 | 13.5 | 77.1 | 15.12 | 72.3 | 14.22 | 67.5 | 13.29 | 65.1 | 12.87 | 62.7 | 12.42 | 57.9 | 11.55 | 53.1 | 10.68 |

# 5-3. Energy efficiency combination

## ■ Model: AJ∗144GALDHH

| Heating capacity at rated condition: 50.0 kW (16HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 67.2 (150%) | -20.0 | -20.7 | 33.7 | 10.72 | 33.5 | 10.82 | 33.3 | 10.90 | 33.2 | 10.94 | 33.1 | 10.98 | 32.9 | 11.06 | 32.7 | 11.14 |
| | -15.0 | -16.0 | 38.4 | 11.08 | 38.2 | 11.18 | 38.0 | 11.28 | 37.9 | 11.32 | 37.8 | 11.38 | 37.6 | 11.48 | 37.3 | 11.58 |
| | -12.0 | -13.0 | 41.5 | 11.30 | 41.3 | 11.42 | 41.1 | 11.52 | 41.0 | 11.58 | 40.8 | 11.64 | 40.6 | 11.74 | 40.4 | 11.86 |
| | -9.0 | -10.0 | 44.7 | 11.52 | 44.5 | 11.64 | 44.2 | 11.76 | 44.1 | 11.82 | 44.0 | 11.88 | 43.7 | 12.00 | 43.5 | 12.12 |
| | -7.0 | -8.0 | 46.9 | 11.66 | 46.6 | 11.78 | 46.3 | 11.92 | 46.2 | 11.98 | 46.1 | 12.04 | 45.8 | 12.16 | 45.5 | 12.30 |
| | -5.0 | -6.0 | 49.0 | 11.80 | 48.7 | 11.94 | 48.5 | 12.06 | 48.3 | 12.14 | 48.2 | 12.20 | 47.9 | 12.34 | 47.6 | 12.46 |
| | -3.0 | -4.0 | 51.2 | 11.94 | 50.9 | 12.08 | 50.6 | 12.22 | 50.4 | 12.30 | 50.3 | 12.36 | 50.0 | 12.50 | 49.7 | 12.64 |
| | -1.0 | -2.0 | 53.4 | 12.08 | 53.1 | 12.22 | 52.7 | 12.38 | 52.6 | 12.44 | 52.4 | 12.52 | 52.1 | 12.66 | 51.8 | 12.80 |
| | 0.0 | -1.0 | 54.5 | 12.16 | 54.2 | 12.30 | 53.8 | 12.44 | 53.7 | 12.52 | 53.5 | 12.60 | 53.2 | 12.74 | 52.8 | 12.88 |
| | 2.0 | 1.0 | 56.7 | 12.30 | 56.3 | 12.44 | 56.0 | 12.60 | 55.8 | 12.66 | 55.6 | 12.74 | 55.3 | 12.90 | 52.8 | 12.38 |
| | 5.0 | 4.0 | 60.0 | 12.48 | 59.6 | 12.64 | 59.2 | 12.80 | 59.0 | 12.88 | 58.8 | 12.96 | 57.6 | 12.86 | 52.8 | 11.70 |
| | 7.0 | 6.0 | 62.2 | 12.62 | 61.8 | 12.78 | 61.4 | 12.94 | 61.2 | 13.02 | 61.0 | 13.10 | 57.6 | 12.38 | 52.8 | 11.26 |
| | 9.0 | 7.8 | 64.2 | 12.74 | 63.8 | 12.90 | 63.3 | 13.06 | 63.1 | 13.14 | 62.4 | 13.08 | 57.6 | 11.98 | 52.8 | 10.90 |
| | 12.0 | 10.6 | 67.3 | 12.90 | 66.8 | 13.08 | 66.4 | 13.24 | 64.8 | 12.96 | 62.4 | 12.42 | 57.6 | 11.36 | 52.8 | 10.34 |
| | 15.0 | 13.5 | 70.5 | 13.08 | 70.0 | 13.24 | 67.2 | 12.78 | 64.8 | 12.28 | 62.4 | 11.76 | 57.6 | 10.78 | 52.8 | 9.80 |
| 62.7 (140%) | -20.0 | -20.7 | 33.6 | 10.78 | 33.4 | 10.86 | 33.2 | 10.94 | 33.1 | 10.98 | 33.0 | 11.02 | 32.8 | 11.10 | 32.6 | 11.18 |
| | -15.0 | -16.0 | 38.3 | 11.14 | 38.1 | 11.24 | 37.9 | 11.34 | 37.8 | 11.38 | 37.7 | 11.44 | 37.4 | 11.54 | 37.2 | 11.64 |
| | -12.0 | -13.0 | 41.4 | 11.36 | 41.2 | 11.48 | 40.9 | 11.58 | 40.8 | 11.64 | 40.7 | 11.70 | 40.5 | 11.80 | 40.2 | 11.92 |
| | -9.0 | -10.0 | 44.5 | 11.60 | 44.3 | 11.72 | 44.0 | 11.84 | 43.9 | 11.90 | 43.8 | 11.96 | 43.5 | 12.08 | 43.3 | 12.20 |
| | -7.0 | -8.0 | 46.7 | 11.76 | 46.4 | 11.88 | 46.1 | 12.00 | 46.0 | 12.06 | 45.9 | 12.12 | 45.6 | 12.26 | 45.3 | 12.38 |
| | -5.0 | -6.0 | 48.8 | 11.90 | 48.5 | 12.04 | 48.3 | 12.16 | 48.1 | 12.24 | 48.0 | 12.30 | 47.7 | 12.42 | 47.4 | 12.56 |
| | -3.0 | -4.0 | 51.0 | 12.06 | 50.7 | 12.18 | 50.4 | 12.32 | 50.2 | 12.40 | 50.1 | 12.46 | 49.8 | 12.60 | 49.3 | 12.68 |
| | -1.0 | -2.0 | 53.1 | 12.20 | 52.8 | 12.34 | 52.5 | 12.48 | 52.3 | 12.56 | 52.2 | 12.62 | 51.8 | 12.78 | 49.3 | 12.18 |
| | 0.0 | -1.0 | 54.2 | 12.28 | 53.9 | 12.42 | 53.6 | 12.56 | 53.4 | 12.64 | 53.2 | 12.70 | 52.9 | 12.86 | 49.3 | 11.96 |
| | 2.0 | 1.0 | 56.4 | 12.42 | 56.0 | 12.56 | 55.7 | 12.72 | 55.5 | 12.80 | 55.3 | 12.86 | 53.8 | 12.64 | 49.3 | 11.50 |
| | 5.0 | 4.0 | 59.7 | 12.62 | 59.3 | 12.78 | 58.9 | 12.94 | 58.7 | 13.02 | 58.2 | 13.02 | 53.8 | 11.94 | 49.3 | 10.86 |
| | 7.0 | 6.0 | 61.8 | 12.76 | 61.4 | 12.92 | 61.0 | 13.08 | 60.5 | 13.08 | 58.2 | 12.54 | 53.8 | 11.48 | 49.3 | 10.46 |
| | 9.0 | 7.8 | 63.8 | 12.88 | 63.4 | 13.06 | 62.7 | 13.16 | 60.5 | 12.64 | 58.2 | 12.12 | 53.8 | 11.10 | 49.3 | 10.12 |
| | 12.0 | 10.6 | 66.8 | 13.08 | 66.4 | 13.24 | 62.7 | 12.48 | 60.5 | 12.00 | 58.2 | 11.50 | 53.8 | 10.54 | 49.3 | 9.60 |
| | 15.0 | 13.5 | 70.0 | 13.26 | 67.2 | 12.78 | 62.7 | 11.84 | 60.5 | 11.36 | 58.2 | 10.90 | 53.8 | 10.00 | 49.3 | 9.12 |
| 58.2 (130%) | -20.0 | -20.7 | 33.5 | 10.82 | 33.3 | 10.90 | 33.1 | 10.98 | 33.0 | 11.02 | 32.9 | 11.06 | 32.7 | 11.14 | 32.5 | 11.24 |
| | -15.0 | -16.0 | 38.2 | 11.20 | 37.9 | 11.30 | 37.7 | 11.40 | 37.6 | 11.44 | 37.5 | 11.50 | 37.3 | 11.60 | 37.1 | 11.70 |
| | -12.0 | -13.0 | 41.2 | 11.44 | 41.0 | 11.56 | 40.8 | 11.66 | 40.7 | 11.72 | 40.5 | 11.78 | 40.3 | 11.88 | 40.1 | 12.00 |
| | -9.0 | -10.0 | 44.4 | 11.68 | 44.1 | 11.80 | 43.9 | 11.92 | 43.7 | 11.98 | 43.6 | 12.04 | 43.4 | 12.16 | 43.1 | 12.28 |
| | -7.0 | -8.0 | 46.5 | 11.86 | 46.2 | 11.98 | 45.9 | 12.10 | 45.8 | 12.16 | 45.7 | 12.22 | 45.4 | 12.36 | 45.1 | 12.48 |
| | -5.0 | -6.0 | 48.6 | 12.02 | 48.3 | 12.14 | 48.0 | 12.28 | 47.9 | 12.34 | 47.7 | 12.40 | 47.4 | 12.54 | 45.8 | 12.20 |
| | -3.0 | -4.0 | 50.7 | 12.16 | 50.4 | 12.30 | 50.1 | 12.44 | 50.0 | 12.52 | 49.8 | 12.58 | 49.5 | 12.72 | 45.8 | 11.72 |
| | -1.0 | -2.0 | 52.8 | 12.32 | 52.5 | 12.46 | 52.2 | 12.62 | 52.0 | 12.68 | 51.9 | 12.76 | 49.9 | 12.36 | 45.8 | 11.26 |
| | 0.0 | -1.0 | 53.9 | 12.40 | 53.6 | 12.54 | 53.3 | 12.70 | 53.1 | 12.76 | 52.9 | 12.84 | 49.9 | 12.12 | 45.8 | 11.04 |
| | 2.0 | 1.0 | 56.1 | 12.56 | 55.7 | 12.70 | 55.4 | 12.86 | 55.2 | 12.94 | 54.1 | 12.72 | 49.9 | 11.66 | 45.8 | 10.62 |
| | 5.0 | 4.0 | 59.3 | 12.78 | 58.9 | 12.94 | 58.2 | 13.02 | 56.2 | 12.52 | 54.1 | 12.00 | 49.9 | 11.02 | 45.8 | 10.04 |
| | 7.0 | 6.0 | 61.4 | 12.94 | 61.0 | 13.10 | 58.2 | 12.54 | 56.2 | 12.04 | 54.1 | 11.56 | 49.9 | 10.60 | 45.8 | 9.68 |
| | 9.0 | 7.8 | 63.3 | 13.06 | 62.4 | 13.08 | 58.2 | 12.12 | 56.2 | 11.64 | 54.1 | 11.18 | 49.9 | 10.26 | 45.8 | 9.36 |
| | 12.0 | 10.6 | 66.3 | 13.26 | 62.4 | 12.42 | 58.2 | 11.50 | 56.2 | 11.06 | 54.1 | 10.62 | 49.9 | 9.74 | 45.8 | 8.88 |
| | 15.0 | 13.5 | 66.6 | 12.64 | 62.4 | 11.76 | 58.2 | 10.90 | 56.2 | 10.48 | 54.1 | 10.06 | 49.9 | 9.24 | 45.8 | 8.42 |
| 53.7 (120%) | -20.0 | -20.7 | 33.3 | 10.88 | 33.1 | 10.96 | 32.9 | 11.04 | 32.8 | 11.08 | 32.7 | 11.12 | 32.5 | 11.20 | 32.3 | 11.28 |
| | -15.0 | -16.0 | 38.0 | 11.28 | 37.8 | 11.38 | 37.6 | 11.48 | 37.5 | 11.52 | 37.4 | 11.58 | 37.1 | 11.68 | 36.9 | 11.78 |
| | -12.0 | -13.0 | 41.0 | 11.54 | 40.8 | 11.64 | 40.6 | 11.76 | 40.5 | 11.80 | 40.4 | 11.86 | 40.1 | 11.98 | 39.9 | 12.08 |
| | -9.0 | -10.0 | 44.1 | 11.80 | 43.9 | 11.92 | 43.6 | 12.04 | 43.5 | 12.10 | 43.4 | 12.16 | 43.1 | 12.28 | 42.2 | 12.16 |
| | -7.0 | -8.0 | 46.2 | 11.96 | 46.0 | 12.10 | 45.7 | 12.22 | 45.6 | 12.28 | 45.4 | 12.34 | 45.2 | 12.46 | 42.2 | 11.66 |
| | -5.0 | -6.0 | 48.3 | 12.14 | 48.0 | 12.26 | 47.7 | 12.40 | 47.6 | 12.46 | 47.5 | 12.54 | 46.1 | 12.28 | 42.2 | 11.20 |
| | -3.0 | -4.0 | 50.4 | 12.30 | 50.1 | 12.44 | 49.8 | 12.58 | 49.7 | 12.64 | 49.5 | 12.72 | 46.1 | 11.80 | 42.2 | 10.76 |
| | -1.0 | -2.0 | 52.5 | 12.48 | 52.2 | 12.62 | 51.9 | 12.76 | 51.7 | 12.84 | 49.9 | 12.36 | 46.1 | 11.34 | 42.2 | 10.36 |
| | 0.0 | -1.0 | 53.6 | 12.56 | 53.2 | 12.70 | 52.9 | 12.84 | 51.8 | 12.62 | 49.9 | 12.12 | 46.1 | 11.12 | 42.2 | 10.16 |
| | 2.0 | 1.0 | 55.7 | 12.72 | 55.3 | 12.88 | 53.7 | 12.64 | 51.8 | 12.14 | 49.9 | 11.66 | 46.1 | 10.70 | 42.2 | 9.78 |
| | 5.0 | 4.0 | 58.8 | 12.98 | 57.6 | 12.86 | 53.7 | 11.94 | 51.8 | 11.46 | 49.9 | 11.02 | 46.1 | 10.12 | 42.2 | 9.24 |
| | 7.0 | 6.0 | 60.9 | 13.14 | 57.6 | 12.38 | 53.7 | 11.48 | 51.8 | 11.04 | 49.9 | 10.60 | 46.1 | 9.74 | 42.2 | 8.90 |
| | 9.0 | 7.8 | 61.4 | 12.86 | 57.6 | 11.98 | 53.7 | 11.10 | 51.8 | 10.68 | 49.9 | 10.26 | 46.1 | 9.42 | 42.2 | 8.60 |
| | 12.0 | 10.6 | 61.4 | 12.20 | 57.6 | 11.36 | 53.7 | 10.54 | 51.8 | 10.14 | 49.9 | 9.74 | 46.1 | 8.96 | 42.2 | 8.18 |
| | 15.0 | 13.5 | 61.4 | 11.56 | 57.6 | 10.78 | 53.7 | 10.00 | 51.8 | 9.62 | 49.9 | 9.24 | 46.1 | 8.50 | 42.2 | 7.76 |
| 49.2 (110%) | -20.0 | -20.7 | 33.2 | 10.94 | 33.0 | 11.02 | 32.8 | 11.10 | 32.7 | 11.14 | 32.6 | 11.18 | 32.4 | 11.26 | 32.2 | 11.34 |
| | -15.0 | -16.0 | 37.8 | 11.36 | 37.6 | 11.46 | 37.4 | 11.56 | 37.3 | 11.62 | 37.2 | 11.66 | 37.0 | 11.76 | 36.7 | 11.86 |
| | -12.0 | -13.0 | 40.8 | 11.64 | 40.6 | 11.76 | 40.4 | 11.86 | 40.2 | 11.92 | 40.1 | 11.96 | 39.9 | 12.08 | 38.7 | 11.84 |
| | -9.0 | -10.0 | 43.9 | 11.92 | 43.6 | 12.04 | 43.4 | 12.16 | 43.3 | 12.22 | 43.1 | 12.28 | 42.2 | 12.16 | 38.7 | 11.10 |
| | -7.0 | -8.0 | 45.9 | 12.10 | 45.7 | 12.22 | 45.4 | 12.36 | 45.3 | 12.42 | 45.1 | 12.48 | 42.2 | 11.66 | 38.7 | 10.64 |
| | -5.0 | -6.0 | 48.0 | 12.28 | 47.7 | 12.42 | 47.4 | 12.54 | 47.3 | 12.62 | 45.8 | 12.20 | 42.2 | 11.20 | 38.7 | 10.22 |
| | -3.0 | -4.0 | 50.1 | 12.46 | 49.8 | 12.60 | 49.2 | 12.68 | 47.5 | 12.20 | 45.8 | 11.72 | 42.2 | 10.76 | 38.7 | 9.84 |
| | -1.0 | -2.0 | 52.1 | 12.66 | 51.8 | 12.80 | 49.2 | 12.18 | 47.5 | 11.72 | 45.8 | 11.26 | 42.2 | 10.36 | 38.7 | 9.46 |
| | 0.0 | -1.0 | 53.1 | 12.74 | 52.8 | 12.88 | 49.2 | 11.96 | 47.5 | 11.50 | 45.8 | 11.04 | 42.2 | 10.16 | 38.7 | 9.28 |
| | 2.0 | 1.0 | 55.2 | 12.92 | 52.8 | 12.38 | 49.2 | 11.50 | 47.5 | 11.06 | 45.8 | 10.62 | 42.2 | 9.78 | 38.7 | 8.94 |
| | 5.0 | 4.0 | 56.3 | 12.56 | 52.8 | 11.70 | 49.2 | 10.86 | 47.5 | 10.44 | 45.8 | 10.04 | 42.2 | 9.24 | 38.7 | 8.44 |
| | 7.0 | 6.0 | 56.3 | 12.08 | 52.8 | 11.26 | 49.2 | 10.46 | 47.5 | 10.06 | 45.8 | 9.68 | 42.2 | 8.90 | 38.7 | 8.14 |
| | 9.0 | 7.8 | 56.3 | 11.68 | 52.8 | 10.90 | 49.2 | 10.12 | 47.5 | 9.74 | 45.8 | 9.36 | 42.2 | 8.60 | 38.7 | 7.88 |
| | 12.0 | 10.6 | 56.3 | 11.10 | 52.8 | 10.34 | 49.2 | 9.60 | 47.5 | 9.24 | 45.8 | 8.88 | 42.2 | 8.18 | 38.7 | 7.48 |
| | 15.0 | 13.5 | 56.3 | 10.52 | 52.8 | 9.80 | 49.2 | 9.12 | 47.5 | 8.76 | 45.8 | 8.42 | 42.2 | 7.76 | 38.7 | 7.10 |

MODEL SELECTION

| Heating capacity at rated condition: 50.0 kW (16HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 44.8 (100%) | -20.0 | -20.7 | 32.9 | 10.98 | 32.7 | 11.08 | 32.5 | 11.16 | 32.4 | 11.20 | 32.3 | 11.24 | 32.1 | 11.34 | 31.9 | 11.42 |
| | -15.0 | -16.0 | 37.5 | 11.46 | 37.3 | 11.58 | 37.1 | 11.68 | 37.0 | 11.72 | 36.9 | 11.78 | 36.7 | 11.88 | 35.2 | 11.48 |
| | -12.0 | -13.0 | 40.6 | 11.78 | 40.4 | 11.90 | 40.1 | 12.00 | 40.0 | 12.06 | 39.9 | 12.12 | 38.4 | 11.76 | 35.2 | 10.74 |
| | -9.0 | -10.0 | 43.6 | 12.10 | 43.4 | 12.22 | 43.1 | 12.34 | 43.0 | 12.40 | 41.6 | 11.98 | 38.4 | 11.02 | 35.2 | 10.08 |
| | -7.0 | -8.0 | 45.7 | 12.30 | 45.4 | 12.44 | 44.8 | 12.44 | 43.2 | 11.96 | 41.6 | 11.50 | 38.4 | 10.58 | 35.2 | 9.66 |
| | -5.0 | -6.0 | 47.7 | 12.52 | 47.5 | 12.66 | 44.8 | 11.94 | 43.2 | 11.48 | 41.6 | 11.04 | 38.4 | 10.16 | 35.2 | 9.28 |
| | -3.0 | -4.0 | 49.8 | 12.72 | 48.0 | 12.34 | 44.8 | 11.46 | 43.2 | 11.04 | 41.6 | 10.60 | 38.4 | 9.76 | 35.2 | 8.92 |
| | -1.0 | -2.0 | 51.2 | 12.72 | 48.0 | 11.86 | 44.8 | 11.02 | 43.2 | 10.60 | 41.6 | 10.20 | 38.4 | 9.38 | 35.2 | 8.58 |
| | 0.0 | -1.0 | 51.2 | 12.46 | 48.0 | 11.62 | 44.8 | 10.80 | 43.2 | 10.40 | 41.6 | 10.00 | 38.4 | 9.20 | 35.2 | 8.42 |
| | 2.0 | 1.0 | 51.2 | 11.98 | 48.0 | 11.18 | 44.8 | 10.40 | 43.2 | 10.00 | 41.6 | 9.62 | 38.4 | 8.86 | 35.2 | 8.10 |
| | 5.0 | 4.0 | 51.2 | 11.32 | 48.0 | 10.56 | 44.8 | 9.82 | 43.2 | 9.46 | 41.6 | 9.10 | 38.4 | 8.38 | 35.2 | 7.66 |
| | 7.0 | 6.0 | 51.2 | 10.90 | 48.0 | 10.18 | 44.8 | 9.46 | 43.2 | 9.10 | 41.6 | 8.76 | 38.4 | 8.06 | 35.2 | 7.40 |
| | 9.0 | 7.8 | 51.2 | 10.54 | 48.0 | 9.84 | 44.8 | 9.14 | 43.2 | 8.80 | 41.6 | 8.48 | 38.4 | 7.80 | 35.2 | 7.16 |
| | 12.0 | 10.6 | 51.2 | 10.00 | 48.0 | 9.34 | 44.8 | 8.68 | 43.2 | 8.36 | 41.6 | 8.04 | 38.4 | 7.42 | 35.2 | 6.80 |
| | 15.0 | 13.5 | 51.2 | 9.48 | 48.0 | 8.86 | 44.8 | 8.24 | 43.2 | 7.94 | 41.6 | 7.64 | 38.4 | 7.04 | 35.2 | 6.46 |
| 40.3 (90%) | -20.0 | -20.7 | 32.8 | 11.10 | 32.6 | 11.18 | 32.4 | 11.26 | 32.3 | 11.30 | 32.2 | 11.36 | 32.0 | 11.44 | 31.7 | 11.46 |
| | -15.0 | -16.0 | 37.3 | 11.60 | 37.1 | 11.70 | 36.9 | 11.80 | 36.8 | 11.84 | 36.7 | 11.90 | 34.6 | 11.24 | 31.7 | 10.28 |
| | -12.0 | -13.0 | 40.2 | 11.92 | 40.0 | 12.02 | 39.8 | 12.14 | 38.9 | 11.88 | 37.4 | 11.42 | 34.6 | 10.52 | 31.7 | 9.62 |
| | -9.0 | -10.0 | 43.2 | 12.24 | 43.0 | 12.36 | 40.3 | 11.58 | 38.9 | 11.14 | 37.4 | 10.72 | 34.6 | 9.86 | 31.7 | 9.04 |
| | -7.0 | -8.0 | 45.2 | 12.46 | 43.2 | 11.94 | 40.3 | 11.12 | 38.9 | 10.70 | 37.4 | 10.28 | 34.6 | 9.48 | 31.7 | 8.68 |
| | -5.0 | -6.0 | 46.1 | 12.28 | 43.2 | 11.48 | 40.3 | 10.66 | 38.9 | 10.28 | 37.4 | 9.88 | 34.6 | 9.10 | 31.7 | 8.34 |
| | -3.0 | -4.0 | 46.1 | 11.80 | 43.2 | 11.02 | 40.3 | 10.26 | 38.9 | 9.88 | 37.4 | 9.50 | 34.6 | 8.76 | 31.7 | 8.02 |
| | -1.0 | -2.0 | 46.1 | 11.34 | 43.2 | 10.60 | 40.3 | 9.86 | 38.9 | 9.50 | 37.4 | 9.14 | 34.6 | 8.42 | 31.7 | 7.72 |
| | 0.0 | -1.0 | 46.1 | 11.12 | 43.2 | 10.40 | 40.3 | 9.68 | 38.9 | 9.32 | 37.4 | 8.96 | 34.6 | 8.26 | 31.7 | 7.58 |
| | 2.0 | 1.0 | 46.1 | 10.70 | 43.2 | 10.00 | 40.3 | 9.32 | 38.9 | 8.96 | 37.4 | 8.62 | 34.6 | 7.96 | 31.7 | 7.30 |
| | 5.0 | 4.0 | 46.1 | 10.12 | 43.2 | 9.46 | 40.3 | 8.80 | 38.9 | 8.48 | 37.4 | 8.16 | 34.6 | 7.52 | 31.7 | 6.90 |
| | 7.0 | 6.0 | 46.1 | 9.74 | 43.2 | 9.10 | 40.3 | 8.48 | 38.9 | 8.18 | 37.4 | 7.86 | 34.6 | 7.26 | 31.7 | 6.66 |
| | 9.0 | 7.8 | 46.1 | 9.42 | 43.2 | 8.82 | 40.3 | 8.20 | 38.9 | 7.90 | 37.4 | 7.62 | 34.6 | 7.02 | 31.7 | 6.44 |
| | 12.0 | 10.6 | 46.1 | 8.96 | 43.2 | 8.38 | 40.3 | 7.80 | 38.9 | 7.52 | 37.4 | 7.24 | 34.6 | 6.68 | 31.7 | 6.14 |
| | 15.0 | 13.5 | 46.1 | 8.50 | 43.2 | 7.94 | 40.3 | 7.40 | 38.9 | 7.14 | 37.4 | 6.86 | 34.6 | 6.34 | 31.7 | 5.82 |
| 35.8 (80%) | -20.0 | -20.7 | 32.5 | 11.22 | 32.3 | 11.30 | 32.1 | 11.38 | 32.0 | 11.42 | 31.9 | 11.46 | 30.7 | 11.10 | 28.2 | 10.16 |
| | -15.0 | -16.0 | 37.0 | 11.76 | 36.8 | 11.86 | 35.8 | 11.66 | 34.6 | 11.24 | 33.3 | 10.80 | 30.7 | 9.96 | 28.2 | 9.12 |
| | -12.0 | -13.0 | 39.8 | 12.10 | 38.4 | 11.72 | 35.8 | 10.92 | 34.6 | 10.52 | 33.3 | 10.12 | 30.7 | 9.32 | 28.2 | 8.54 |
| | -9.0 | -10.0 | 41.0 | 11.78 | 38.4 | 11.00 | 35.8 | 10.24 | 34.6 | 9.86 | 33.3 | 9.50 | 30.7 | 8.76 | 28.2 | 8.02 |
| | -7.0 | -8.0 | 41.0 | 11.30 | 38.4 | 10.56 | 35.8 | 9.84 | 34.6 | 9.48 | 33.3 | 9.12 | 30.7 | 8.40 | 28.2 | 7.72 |
| | -5.0 | -6.0 | 41.0 | 10.84 | 38.4 | 10.14 | 35.8 | 9.44 | 34.6 | 9.10 | 33.3 | 8.76 | 30.7 | 8.08 | 28.2 | 7.42 |
| | -3.0 | -4.0 | 41.0 | 10.42 | 38.4 | 9.74 | 35.8 | 9.08 | 34.6 | 8.76 | 33.3 | 8.42 | 30.7 | 7.78 | 28.2 | 7.14 |
| | -1.0 | -2.0 | 41.0 | 10.02 | 38.4 | 9.38 | 35.8 | 8.74 | 34.6 | 8.42 | 33.3 | 8.10 | 30.7 | 7.48 | 28.2 | 6.88 |
| | 0.0 | -1.0 | 41.0 | 9.84 | 38.4 | 9.20 | 35.8 | 8.58 | 34.6 | 8.26 | 33.3 | 7.96 | 30.7 | 7.34 | 28.2 | 6.74 |
| | 2.0 | 1.0 | 41.0 | 9.46 | 38.4 | 8.86 | 35.8 | 8.26 | 34.6 | 7.96 | 33.3 | 7.66 | 30.7 | 7.08 | 28.2 | 6.50 |
| | 5.0 | 4.0 | 41.0 | 8.94 | 38.4 | 8.38 | 35.8 | 7.80 | 34.6 | 7.52 | 33.3 | 7.24 | 30.7 | 6.70 | 28.2 | 6.16 |
| | 7.0 | 6.0 | 41.0 | 8.62 | 38.4 | 8.06 | 35.8 | 7.52 | 34.6 | 7.26 | 33.3 | 7.00 | 30.7 | 6.46 | 28.2 | 5.94 |
| | 9.0 | 7.8 | 41.0 | 8.34 | 38.4 | 7.80 | 35.8 | 7.28 | 34.6 | 7.02 | 33.3 | 6.76 | 30.7 | 6.26 | 28.2 | 5.76 |
| | 12.0 | 10.6 | 41.0 | 7.92 | 38.4 | 7.42 | 35.8 | 6.92 | 34.6 | 6.68 | 33.3 | 6.44 | 30.7 | 5.96 | 28.2 | 5.48 |
| | 15.0 | 13.5 | 41.0 | 7.52 | 38.4 | 7.04 | 35.8 | 6.58 | 34.6 | 6.34 | 33.3 | 6.12 | 30.7 | 5.66 | 28.2 | 5.20 |
| 31.3 (70%) | -20.0 | -20.7 | 32.2 | 11.36 | 32.0 | 11.44 | 31.3 | 11.34 | 30.2 | 10.92 | 29.1 | 10.52 | 26.9 | 9.70 | 24.6 | 8.88 |
| | -15.0 | -16.0 | 35.8 | 11.66 | 33.6 | 10.92 | 31.3 | 10.16 | 30.2 | 9.80 | 29.1 | 9.42 | 26.9 | 8.70 | 24.6 | 7.98 |
| | -12.0 | -13.0 | 35.8 | 10.92 | 33.6 | 10.22 | 31.3 | 9.52 | 30.2 | 9.18 | 29.1 | 8.84 | 26.9 | 8.16 | 24.6 | 7.48 |
| | -9.0 | -10.0 | 35.8 | 10.24 | 33.6 | 9.58 | 31.3 | 8.94 | 30.2 | 8.62 | 29.1 | 8.30 | 26.9 | 7.66 | 24.6 | 7.04 |
| | -7.0 | -8.0 | 35.8 | 9.84 | 33.6 | 9.20 | 31.3 | 8.58 | 30.2 | 8.28 | 29.1 | 7.98 | 26.9 | 7.36 | 24.6 | 6.78 |
| | -5.0 | -6.0 | 35.8 | 9.44 | 33.6 | 8.84 | 31.3 | 8.26 | 30.2 | 7.96 | 29.1 | 7.66 | 26.9 | 7.08 | 24.6 | 6.52 |
| | -3.0 | -4.0 | 35.8 | 9.08 | 33.6 | 8.50 | 31.3 | 7.94 | 30.2 | 7.66 | 29.1 | 7.38 | 26.9 | 6.82 | 24.6 | 6.28 |
| | -1.0 | -2.0 | 35.8 | 8.74 | 33.6 | 8.18 | 31.3 | 7.64 | 30.2 | 7.36 | 29.1 | 7.10 | 26.9 | 6.56 | 24.6 | 6.04 |
| | 0.0 | -1.0 | 35.8 | 8.58 | 33.6 | 8.04 | 31.3 | 7.50 | 30.2 | 7.24 | 29.1 | 6.96 | 26.9 | 6.44 | 24.6 | 5.94 |
| | 2.0 | 1.0 | 35.8 | 8.26 | 33.6 | 7.74 | 31.3 | 7.22 | 30.2 | 6.96 | 29.1 | 6.72 | 26.9 | 6.22 | 24.6 | 5.72 |
| | 5.0 | 4.0 | 35.8 | 7.80 | 33.6 | 7.32 | 31.3 | 6.84 | 30.2 | 6.60 | 29.1 | 6.36 | 26.9 | 5.88 | 24.6 | 5.42 |
| | 7.0 | 6.0 | 35.8 | 7.52 | 33.6 | 7.06 | 31.3 | 6.60 | 30.2 | 6.36 | 29.1 | 6.14 | 26.9 | 5.68 | 24.6 | 5.24 |
| | 9.0 | 7.8 | 35.8 | 7.28 | 33.6 | 6.84 | 31.3 | 6.38 | 30.2 | 6.16 | 29.1 | 5.94 | 26.9 | 5.50 | 24.6 | 5.08 |
| | 12.0 | 10.6 | 35.8 | 6.92 | 33.6 | 6.50 | 31.3 | 6.08 | 30.2 | 5.86 | 29.1 | 5.66 | 26.9 | 5.24 | 24.6 | 4.84 |
| | 15.0 | 13.5 | 35.8 | 6.58 | 33.6 | 6.18 | 31.3 | 5.78 | 30.2 | 5.58 | 29.1 | 5.38 | 26.9 | 4.98 | 24.6 | 4.60 |
| 26.8 (60%) | -20.0 | -20.7 | 30.7 | 11.10 | 28.8 | 10.40 | 26.8 | 9.70 | 25.9 | 9.34 | 25.0 | 9.00 | 23.0 | 8.32 | 21.1 | 7.64 |
| | -15.0 | -16.0 | 30.7 | 9.96 | 28.8 | 9.32 | 26.8 | 8.70 | 25.9 | 8.40 | 25.0 | 8.08 | 23.0 | 7.48 | 21.1 | 6.88 |
| | -12.0 | -13.0 | 30.7 | 9.32 | 28.8 | 8.74 | 26.8 | 8.16 | 25.9 | 7.88 | 25.0 | 7.58 | 23.0 | 7.02 | 21.1 | 6.46 |
| | -9.0 | -10.0 | 30.7 | 8.76 | 28.8 | 8.22 | 26.8 | 7.66 | 25.9 | 7.40 | 25.0 | 7.14 | 23.0 | 6.60 | 21.1 | 6.08 |
| | -7.0 | -8.0 | 30.7 | 8.40 | 28.8 | 7.88 | 26.8 | 7.36 | 25.9 | 7.12 | 25.0 | 6.86 | 23.0 | 6.34 | 21.1 | 5.84 |
| | -5.0 | -6.0 | 30.7 | 8.08 | 28.8 | 7.58 | 26.8 | 7.08 | 25.9 | 6.84 | 25.0 | 6.60 | 23.0 | 6.12 | 21.1 | 5.64 |
| | -3.0 | -4.0 | 30.7 | 7.78 | 28.8 | 7.30 | 26.8 | 6.82 | 25.9 | 6.58 | 25.0 | 6.36 | 23.0 | 5.88 | 21.1 | 5.42 |
| | -1.0 | -2.0 | 30.7 | 7.48 | 28.8 | 7.02 | 26.8 | 6.56 | 25.9 | 6.34 | 25.0 | 6.12 | 23.0 | 5.68 | 21.1 | 5.24 |
| | 0.0 | -1.0 | 30.7 | 7.34 | 28.8 | 6.90 | 26.8 | 6.44 | 25.9 | 6.22 | 25.0 | 6.00 | 23.0 | 5.58 | 21.1 | 5.14 |
| | 2.0 | 1.0 | 30.7 | 7.08 | 28.8 | 6.64 | 26.8 | 6.22 | 25.9 | 6.00 | 25.0 | 5.80 | 23.0 | 5.38 | 21.1 | 4.96 |
| | 5.0 | 4.0 | 30.7 | 6.70 | 28.8 | 6.30 | 26.8 | 5.88 | 25.9 | 5.68 | 25.0 | 5.48 | 23.0 | 5.10 | 21.1 | 4.70 |
| | 7.0 | 6.0 | 30.7 | 6.46 | 28.8 | 6.08 | 26.8 | 5.68 | 25.9 | 5.50 | 25.0 | 5.30 | 23.0 | 4.92 | 21.1 | 4.54 |
| | 9.0 | 7.8 | 30.7 | 6.26 | 28.8 | 5.88 | 26.8 | 5.50 | 25.9 | 5.32 | 25.0 | 5.14 | 23.0 | 4.76 | 21.1 | 4.40 |
| | 12.0 | 10.6 | 30.7 | 5.96 | 28.8 | 5.60 | 26.8 | 5.24 | 25.9 | 5.06 | 25.0 | 4.90 | 23.0 | 4.54 | 21.1 | 4.20 |
| | 15.0 | 13.5 | 30.7 | 5.66 | 28.8 | 5.32 | 26.8 | 4.98 | 25.9 | 4.82 | 25.0 | 4.66 | 23.0 | 4.32 | 21.1 | 4.00 |

| Heating capacity at rated condition: 50.0 kW (16HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 22.4 (50%) | -20.0 | -20.7 | 25.6 | 9.24 | 24.0 | 8.66 | 22.4 | 8.10 | 21.6 | 7.80 | 20.8 | 7.52 | 19.2 | 6.98 | 17.6 | 6.42 |
| | -15.0 | -16.0 | 25.6 | 8.30 | 24.0 | 7.78 | 22.4 | 7.28 | 21.6 | 7.02 | 20.8 | 6.78 | 19.2 | 6.28 | 17.6 | 5.78 |
| | -12.0 | -13.0 | 25.6 | 7.78 | 24.0 | 7.30 | 22.4 | 6.82 | 21.6 | 6.60 | 20.8 | 6.36 | 19.2 | 5.90 | 17.6 | 5.44 |
| | -9.0 | -10.0 | 25.6 | 7.32 | 24.0 | 6.86 | 22.4 | 6.42 | 21.6 | 6.22 | 20.8 | 6.00 | 19.2 | 5.56 | 17.6 | 5.14 |
| | -7.0 | -8.0 | 25.6 | 7.02 | 24.0 | 6.60 | 22.4 | 6.18 | 21.6 | 5.98 | 20.8 | 5.76 | 19.2 | 5.36 | 17.6 | 4.94 |
| | -5.0 | -6.0 | 25.6 | 6.76 | 24.0 | 6.36 | 22.4 | 5.96 | 21.6 | 5.74 | 20.8 | 5.56 | 19.2 | 5.16 | 17.6 | 4.76 |
| | -3.0 | -4.0 | 25.6 | 6.50 | 24.0 | 6.12 | 22.4 | 5.74 | 21.6 | 5.54 | 20.8 | 5.34 | 19.2 | 4.96 | 17.6 | 4.60 |
| | -1.0 | -2.0 | 25.6 | 6.26 | 24.0 | 5.90 | 22.4 | 5.52 | 21.6 | 5.34 | 20.8 | 5.16 | 19.2 | 4.80 | 17.6 | 4.44 |
| | 0.0 | -1.0 | 25.6 | 6.16 | 24.0 | 5.78 | 22.4 | 5.42 | 21.6 | 5.24 | 20.8 | 5.06 | 19.2 | 4.70 | 17.6 | 4.36 |
| | 2.0 | 1.0 | 25.6 | 5.94 | 24.0 | 5.58 | 22.4 | 5.24 | 21.6 | 5.06 | 20.8 | 4.88 | 19.2 | 4.54 | 17.6 | 4.20 |
| | 5.0 | 4.0 | 25.6 | 5.62 | 24.0 | 5.30 | 22.4 | 4.96 | 21.6 | 4.80 | 20.8 | 4.64 | 19.2 | 4.32 | 17.6 | 4.00 |
| | 7.0 | 6.0 | 25.6 | 5.42 | 24.0 | 5.10 | 22.4 | 4.80 | 21.6 | 4.64 | 20.8 | 4.48 | 19.2 | 4.18 | 17.6 | 3.86 |
| | 9.0 | 7.8 | 25.6 | 5.26 | 24.0 | 4.96 | 22.4 | 4.64 | 21.6 | 4.50 | 20.8 | 4.34 | 19.2 | 4.04 | 17.6 | 3.76 |
| | 12.0 | 10.6 | 25.6 | 5.00 | 24.0 | 4.72 | 22.4 | 4.44 | 21.6 | 4.28 | 20.8 | 4.14 | 19.2 | 3.86 | 17.6 | 3.58 |
| | 15.0 | 13.5 | 25.6 | 4.76 | 24.0 | 4.50 | 22.4 | 4.22 | 21.6 | 4.08 | 20.8 | 3.96 | 19.2 | 3.68 | 17.6 | 3.42 |

# ■ Model: AJ∗198GALDHH

| Heating capacity at rated condition: 70.0 kW (22HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 93.6 (150%) | -20.0 | -20.7 | 44.1 | 14.02 | 43.6 | 14.17 | 43.1 | 14.31 | 42.9 | 14.38 | 42.6 | 14.45 | 42.1 | 14.59 | 41.6 | 14.74 |
| | -15.0 | -16.0 | 50.2 | 14.63 | 49.8 | 14.80 | 49.3 | 14.98 | 49.1 | 15.06 | 48.9 | 15.16 | 48.5 | 15.34 | 48.1 | 15.52 |
| | -12.0 | -13.0 | 54.4 | 15.01 | 54.0 | 15.21 | 53.6 | 15.40 | 53.4 | 15.51 | 53.2 | 15.61 | 52.8 | 15.80 | 52.4 | 16.01 |
| | -9.0 | -10.0 | 58.8 | 15.40 | 58.4 | 15.61 | 58.0 | 15.83 | 57.8 | 15.94 | 57.7 | 16.05 | 57.3 | 16.27 | 56.9 | 16.49 |
| | -7.0 | -8.0 | 61.8 | 15.65 | 61.4 | 15.88 | 61.1 | 16.12 | 60.9 | 16.23 | 60.7 | 16.34 | 60.3 | 16.57 | 60.0 | 16.81 |
| | -5.0 | -6.0 | 64.9 | 15.91 | 64.6 | 16.16 | 64.2 | 16.39 | 64.0 | 16.52 | 63.8 | 16.64 | 63.4 | 16.89 | 63.1 | 17.13 |
| | -3.0 | -4.0 | 68.1 | 16.17 | 67.8 | 16.42 | 67.3 | 16.68 | 67.1 | 16.81 | 66.9 | 16.93 | 66.6 | 17.19 | 66.2 | 17.45 |
| | -1.0 | -2.0 | 71.3 | 16.43 | 70.9 | 16.69 | 70.5 | 16.97 | 70.3 | 17.09 | 70.1 | 17.23 | 69.7 | 17.50 | 69.4 | 17.76 |
| | 0.0 | -1.0 | 72.9 | 16.57 | 72.6 | 16.83 | 72.2 | 17.10 | 71.9 | 17.24 | 71.7 | 17.38 | 71.4 | 17.65 | 70.9 | 17.92 |
| | 2.0 | 1.0 | 76.2 | 16.83 | 75.8 | 17.10 | 75.4 | 17.39 | 75.2 | 17.52 | 75.0 | 17.67 | 74.5 | 17.95 | 73.1 | 17.90 |
| | 5.0 | 4.0 | 81.2 | 17.21 | 80.8 | 17.50 | 80.3 | 17.80 | 80.1 | 17.95 | 79.8 | 18.10 | 79.0 | 18.27 | 73.5 | 16.95 |
| | 7.0 | 6.0 | 84.6 | 17.47 | 84.1 | 17.78 | 83.6 | 18.08 | 83.4 | 18.23 | 83.1 | 18.39 | 80.2 | 17.93 | 73.5 | 16.26 |
| | 9.0 | 7.8 | 87.6 | 17.71 | 87.1 | 18.02 | 86.6 | 18.33 | 86.4 | 18.48 | 85.8 | 18.57 | 80.2 | 17.28 | 73.5 | 15.67 |
| | 12.0 | 10.6 | 92.4 | 18.06 | 91.7 | 18.39 | 91.2 | 18.71 | 90.3 | 18.69 | 86.9 | 17.89 | 80.2 | 16.32 | 73.5 | 14.80 |
| | 15.0 | 13.5 | 97.1 | 18.43 | 96.6 | 18.75 | 93.6 | 18.38 | 90.3 | 17.62 | 86.9 | 16.86 | 80.2 | 15.40 | 73.5 | 13.96 |
| 87.3 (140%) | -20.0 | -20.7 | 43.9 | 14.09 | 43.4 | 14.23 | 42.9 | 14.37 | 42.6 | 14.44 | 42.4 | 14.52 | 41.9 | 14.66 | 41.5 | 14.81 |
| | -15.0 | -16.0 | 49.9 | 14.72 | 49.5 | 14.90 | 49.1 | 15.07 | 48.9 | 15.16 | 48.7 | 15.25 | 48.3 | 15.43 | 47.9 | 15.61 |
| | -12.0 | -13.0 | 54.2 | 15.12 | 53.8 | 15.32 | 53.4 | 15.51 | 53.2 | 15.61 | 53.0 | 15.72 | 52.6 | 15.91 | 52.2 | 16.12 |
| | -9.0 | -10.0 | 58.6 | 15.53 | 58.1 | 15.75 | 57.8 | 15.96 | 57.6 | 16.07 | 57.4 | 16.18 | 57.1 | 16.40 | 56.6 | 16.62 |
| | -7.0 | -8.0 | 61.5 | 15.81 | 61.2 | 16.03 | 60.8 | 16.26 | 60.6 | 16.37 | 60.4 | 16.49 | 60.1 | 16.73 | 59.8 | 16.96 |
| | -5.0 | -6.0 | 64.7 | 16.08 | 64.3 | 16.32 | 63.9 | 16.56 | 63.8 | 16.69 | 63.6 | 16.81 | 63.1 | 17.04 | 62.8 | 17.29 |
| | -3.0 | -4.0 | 67.8 | 16.36 | 67.4 | 16.60 | 67.1 | 16.86 | 66.9 | 16.99 | 66.7 | 17.11 | 66.3 | 17.37 | 65.8 | 17.60 |
| | -1.0 | -2.0 | 71.0 | 16.63 | 70.6 | 16.89 | 70.2 | 17.16 | 70.1 | 17.30 | 69.9 | 17.42 | 69.4 | 17.70 | 67.9 | 17.60 |
| | 0.0 | -1.0 | 72.6 | 16.77 | 72.2 | 17.04 | 71.8 | 17.31 | 71.6 | 17.45 | 71.4 | 17.58 | 71.0 | 17.86 | 68.6 | 17.47 |
| | 2.0 | 1.0 | 75.9 | 17.05 | 75.5 | 17.33 | 75.1 | 17.61 | 74.9 | 17.75 | 74.7 | 17.89 | 73.6 | 17.99 | 68.6 | 16.73 |
| | 5.0 | 4.0 | 80.8 | 17.46 | 80.3 | 17.76 | 79.9 | 18.06 | 79.7 | 18.20 | 79.3 | 18.31 | 74.9 | 17.30 | 68.6 | 15.70 |
| | 7.0 | 6.0 | 84.1 | 17.74 | 83.6 | 18.04 | 83.2 | 18.35 | 82.7 | 18.46 | 81.1 | 18.17 | 74.9 | 16.59 | 68.6 | 15.06 |
| | 9.0 | 7.8 | 87.1 | 17.99 | 86.6 | 18.31 | 86.0 | 18.59 | 84.2 | 18.27 | 81.1 | 17.50 | 74.9 | 15.98 | 68.6 | 14.52 |
| | 12.0 | 10.6 | 91.8 | 18.38 | 91.2 | 18.70 | 87.3 | 17.99 | 84.2 | 17.26 | 81.1 | 16.52 | 74.9 | 15.10 | 68.6 | 13.72 |
| | 15.0 | 13.5 | 96.6 | 18.77 | 93.6 | 18.38 | 87.3 | 16.97 | 84.2 | 16.27 | 81.1 | 15.58 | 74.9 | 14.25 | 68.6 | 12.95 |
| 81.1 (130%) | -20.0 | -20.7 | 43.6 | 14.16 | 43.1 | 14.30 | 42.7 | 14.44 | 42.4 | 14.52 | 42.1 | 14.59 | 41.7 | 14.73 | 41.2 | 14.89 |
| | -15.0 | -16.0 | 49.7 | 14.83 | 49.3 | 15.00 | 48.9 | 15.18 | 48.7 | 15.26 | 48.5 | 15.35 | 48.0 | 15.53 | 47.6 | 15.71 |
| | -12.0 | -13.0 | 53.9 | 15.25 | 53.5 | 15.45 | 53.1 | 15.64 | 52.9 | 15.74 | 52.8 | 15.85 | 52.4 | 16.04 | 51.9 | 16.25 |
| | -9.0 | -10.0 | 58.3 | 15.68 | 57.9 | 15.90 | 57.5 | 16.11 | 57.4 | 16.22 | 57.2 | 16.33 | 56.8 | 16.55 | 56.5 | 16.77 |
| | -7.0 | -8.0 | 61.3 | 15.98 | 60.9 | 16.21 | 60.6 | 16.43 | 60.4 | 16.55 | 60.2 | 16.66 | 59.8 | 16.90 | 59.5 | 17.13 |
| | -5.0 | -6.0 | 64.4 | 16.27 | 64.0 | 16.51 | 63.6 | 16.75 | 63.4 | 16.87 | 63.3 | 16.99 | 62.9 | 17.24 | 61.8 | 17.25 |
| | -3.0 | -4.0 | 67.5 | 16.56 | 67.1 | 16.81 | 66.8 | 17.07 | 66.6 | 17.20 | 66.4 | 17.32 | 66.0 | 17.58 | 63.8 | 17.21 |
| | -1.0 | -2.0 | 70.7 | 16.86 | 70.3 | 17.12 | 69.9 | 17.39 | 69.7 | 17.52 | 69.5 | 17.66 | 68.3 | 17.65 | 63.8 | 16.45 |
| | 0.0 | -1.0 | 72.3 | 17.01 | 71.9 | 17.27 | 71.5 | 17.55 | 71.3 | 17.68 | 71.1 | 17.82 | 69.4 | 17.66 | 63.8 | 16.10 |
| | 2.0 | 1.0 | 75.5 | 17.31 | 75.1 | 17.58 | 74.7 | 17.87 | 74.5 | 18.01 | 73.8 | 18.01 | 69.6 | 16.97 | 63.8 | 15.42 |
| | 5.0 | 4.0 | 80.4 | 17.75 | 79.9 | 18.05 | 79.4 | 18.31 | 78.2 | 18.17 | 75.3 | 17.41 | 69.6 | 15.93 | 63.8 | 14.48 |
| | 7.0 | 6.0 | 83.6 | 18.06 | 83.2 | 18.36 | 81.1 | 18.17 | 78.2 | 17.43 | 75.3 | 16.70 | 69.6 | 15.28 | 63.8 | 13.90 |
| | 9.0 | 7.8 | 86.6 | 18.32 | 85.8 | 18.56 | 81.1 | 17.50 | 78.2 | 16.79 | 75.3 | 16.10 | 69.6 | 14.73 | 63.8 | 13.40 |
| | 12.0 | 10.6 | 91.1 | 18.74 | 86.9 | 17.89 | 81.1 | 16.52 | 78.2 | 15.86 | 75.3 | 15.21 | 69.6 | 13.91 | 63.8 | 12.66 |
| | 15.0 | 13.5 | 92.7 | 18.17 | 86.9 | 16.86 | 81.1 | 15.58 | 78.2 | 14.96 | 75.3 | 14.34 | 69.6 | 13.13 | 63.8 | 11.95 |
| 74.8 (120%) | -20.0 | -20.7 | 43.4 | 14.25 | 42.9 | 14.39 | 42.4 | 14.53 | 42.1 | 14.60 | 41.9 | 14.68 | 41.4 | 14.82 | 41.0 | 14.97 |
| | -15.0 | -16.0 | 49.4 | 14.95 | 49.0 | 15.13 | 48.6 | 15.30 | 48.4 | 15.39 | 48.2 | 15.48 | 47.8 | 15.66 | 47.4 | 15.84 |
| | -12.0 | -13.0 | 53.6 | 15.40 | 53.2 | 15.60 | 52.8 | 15.80 | 52.6 | 15.89 | 52.5 | 15.99 | 52.1 | 16.19 | 51.6 | 16.39 |
| | -9.0 | -10.0 | 58.0 | 15.87 | 57.6 | 16.08 | 57.2 | 16.30 | 57.1 | 16.41 | 56.9 | 16.52 | 56.5 | 16.74 | 55.8 | 16.84 |
| | -7.0 | -8.0 | 61.0 | 16.17 | 60.6 | 16.41 | 60.2 | 16.63 | 60.1 | 16.75 | 59.9 | 16.86 | 59.5 | 17.09 | 57.8 | 16.86 |
| | -5.0 | -6.0 | 64.1 | 16.49 | 63.6 | 16.72 | 63.3 | 16.97 | 63.1 | 17.09 | 62.9 | 17.22 | 62.0 | 17.27 | 58.8 | 16.49 |
| | -3.0 | -4.0 | 67.1 | 16.80 | 66.8 | 17.06 | 66.4 | 17.31 | 66.2 | 17.43 | 66.1 | 17.57 | 64.0 | 17.29 | 58.8 | 15.76 |
| | -1.0 | -2.0 | 70.3 | 17.13 | 69.9 | 17.39 | 69.5 | 17.65 | 69.4 | 17.79 | 68.4 | 17.65 | 64.1 | 16.58 | 58.8 | 15.09 |
| | 0.0 | -1.0 | 71.9 | 17.29 | 71.5 | 17.55 | 71.1 | 17.82 | 70.4 | 17.81 | 69.4 | 17.66 | 64.1 | 16.22 | 58.8 | 14.77 |
| | 2.0 | 1.0 | 75.0 | 17.60 | 74.7 | 17.89 | 73.6 | 17.98 | 72.2 | 17.70 | 69.6 | 16.97 | 64.1 | 15.54 | 58.8 | 14.15 |
| | 5.0 | 4.0 | 79.9 | 18.10 | 79.0 | 18.25 | 74.8 | 17.30 | 72.2 | 16.61 | 69.6 | 15.93 | 64.1 | 14.59 | 58.8 | 13.29 |
| | 7.0 | 6.0 | 83.1 | 18.42 | 80.2 | 17.93 | 74.8 | 16.59 | 72.2 | 15.93 | 69.6 | 15.28 | 64.1 | 14.00 | 58.8 | 12.75 |
| | 9.0 | 7.8 | 85.3 | 18.50 | 80.2 | 17.28 | 74.8 | 15.98 | 72.2 | 15.35 | 69.6 | 14.73 | 64.1 | 13.49 | 58.8 | 12.29 |
| | 12.0 | 10.6 | 85.6 | 17.57 | 80.2 | 16.32 | 74.8 | 15.10 | 72.2 | 14.50 | 69.6 | 13.91 | 64.1 | 12.76 | 58.8 | 11.62 |
| | 15.0 | 13.5 | 85.6 | 16.56 | 80.2 | 15.40 | 74.8 | 14.25 | 72.2 | 13.69 | 69.6 | 13.13 | 64.1 | 12.04 | 58.8 | 10.98 |
| 68.6 (110%) | -20.0 | -20.7 | 43.0 | 14.35 | 42.5 | 14.49 | 42.0 | 14.63 | 41.8 | 14.70 | 41.6 | 14.78 | 41.1 | 14.92 | 40.6 | 15.06 |
| | -15.0 | -16.0 | 49.1 | 15.09 | 48.7 | 15.27 | 48.3 | 15.44 | 48.0 | 15.54 | 47.9 | 15.62 | 47.5 | 15.80 | 47.1 | 15.98 |
| | -12.0 | -13.0 | 53.2 | 15.58 | 52.9 | 15.78 | 52.5 | 15.97 | 52.3 | 16.07 | 52.1 | 16.16 | 51.8 | 16.37 | 50.9 | 16.39 |
| | -9.0 | -10.0 | 57.6 | 16.07 | 57.2 | 16.29 | 56.9 | 16.51 | 56.7 | 16.61 | 56.5 | 16.72 | 55.8 | 16.82 | 53.9 | 16.45 |
| | -7.0 | -8.0 | 60.6 | 16.41 | 60.2 | 16.63 | 59.9 | 16.87 | 59.6 | 16.98 | 59.5 | 17.10 | 57.8 | 16.86 | 54.0 | 15.72 |
| | -5.0 | -6.0 | 63.6 | 16.74 | 63.3 | 16.99 | 62.9 | 17.22 | 62.7 | 17.35 | 61.9 | 17.23 | 58.8 | 16.49 | 54.0 | 15.01 |
| | -3.0 | -4.0 | 66.7 | 17.08 | 66.4 | 17.34 | 65.9 | 17.56 | 64.9 | 17.42 | 63.8 | 17.21 | 58.8 | 15.76 | 54.0 | 14.36 |
| | -1.0 | -2.0 | 69.9 | 17.44 | 69.4 | 17.70 | 68.0 | 17.59 | 66.2 | 17.15 | 63.8 | 16.46 | 58.8 | 15.09 | 54.0 | 13.75 |
| | 0.0 | -1.0 | 71.4 | 17.61 | 71.0 | 17.88 | 68.6 | 17.47 | 66.2 | 16.78 | 63.8 | 16.10 | 58.8 | 14.76 | 54.0 | 13.45 |
| | 2.0 | 1.0 | 74.5 | 17.96 | 73.1 | 17.90 | 68.6 | 16.73 | 66.2 | 16.07 | 63.8 | 15.42 | 58.8 | 14.15 | 54.0 | 12.90 |
| | 5.0 | 4.0 | 78.3 | 18.18 | 73.5 | 16.95 | 68.6 | 15.70 | 66.2 | 15.08 | 63.8 | 14.48 | 58.8 | 13.29 | 54.0 | 12.11 |
| | 7.0 | 6.0 | 78.5 | 17.48 | 73.5 | 16.26 | 68.6 | 15.06 | 66.2 | 14.47 | 63.8 | 13.90 | 58.8 | 12.75 | 54.0 | 11.63 |
| | 9.0 | 7.8 | 78.5 | 16.85 | 73.5 | 15.67 | 68.6 | 14.52 | 66.2 | 13.96 | 63.8 | 13.40 | 58.8 | 12.29 | 54.0 | 11.22 |
| | 12.0 | 10.6 | 78.5 | 15.92 | 73.5 | 14.80 | 68.6 | 13.72 | 66.2 | 13.18 | 63.8 | 12.66 | 58.8 | 11.62 | 54.0 | 10.61 |
| | 15.0 | 13.5 | 78.5 | 15.01 | 73.5 | 13.96 | 68.6 | 12.95 | 66.2 | 12.44 | 63.8 | 11.95 | 58.8 | 10.98 | 54.0 | 10.02 |

MODEL SELECTION

| Heating capacity at rated condition: 70.0 kW (22HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 62.4 (100%) | -20.0 | -20.7 | 42.5 | 14.46 | 42.0 | 14.60 | 41.6 | 14.75 | 41.4 | 14.82 | 41.2 | 14.89 | 40.7 | 15.04 | 40.3 | 15.19 |
| | -15.0 | -16.0 | 48.7 | 15.26 | 48.3 | 15.44 | 47.9 | 15.62 | 47.7 | 15.70 | 47.5 | 15.80 | 47.1 | 15.98 | 46.0 | 15.91 |
| | -12.0 | -13.0 | 52.9 | 15.79 | 52.5 | 15.99 | 52.1 | 16.19 | 51.9 | 16.29 | 51.7 | 16.39 | 50.7 | 16.35 | 48.9 | 15.99 |
| | -9.0 | -10.0 | 57.2 | 16.34 | 56.9 | 16.55 | 56.5 | 16.77 | 56.3 | 16.88 | 55.5 | 16.75 | 53.5 | 16.36 | 49.0 | 14.91 |
| | -7.0 | -8.0 | 60.2 | 16.70 | 59.8 | 16.94 | 59.3 | 17.11 | 58.4 | 16.95 | 57.5 | 16.80 | 53.5 | 15.60 | 49.0 | 14.22 |
| | -5.0 | -6.0 | 63.3 | 17.08 | 62.8 | 17.33 | 61.3 | 17.14 | 60.2 | 16.91 | 57.9 | 16.23 | 53.5 | 14.90 | 49.0 | 13.58 |
| | -3.0 | -4.0 | 66.3 | 17.46 | 65.2 | 17.45 | 62.4 | 16.81 | 60.2 | 16.16 | 57.9 | 15.51 | 53.5 | 14.24 | 49.0 | 12.99 |
| | -1.0 | -2.0 | 69.1 | 17.74 | 66.9 | 17.35 | 62.4 | 16.08 | 60.2 | 15.46 | 57.9 | 14.84 | 53.5 | 13.63 | 49.0 | 12.44 |
| | 0.0 | -1.0 | 70.1 | 17.75 | 66.9 | 16.97 | 62.4 | 15.73 | 60.2 | 15.13 | 57.9 | 14.52 | 53.5 | 13.34 | 49.0 | 12.17 |
| | 2.0 | 1.0 | 71.3 | 17.46 | 66.9 | 16.25 | 62.4 | 15.07 | 60.2 | 14.49 | 57.9 | 13.91 | 53.5 | 12.78 | 49.0 | 11.67 |
| | 5.0 | 4.0 | 71.3 | 16.38 | 66.9 | 15.25 | 62.4 | 14.15 | 60.2 | 13.61 | 57.9 | 13.07 | 53.5 | 12.01 | 49.0 | 10.97 |
| | 7.0 | 6.0 | 71.3 | 15.71 | 66.9 | 14.64 | 62.4 | 13.58 | 60.2 | 13.06 | 57.9 | 12.55 | 53.5 | 11.53 | 49.0 | 10.54 |
| | 9.0 | 7.8 | 71.3 | 15.14 | 66.9 | 14.11 | 62.4 | 13.09 | 60.2 | 12.59 | 57.9 | 12.10 | 53.5 | 11.12 | 49.0 | 10.17 |
| | 12.0 | 10.6 | 71.3 | 14.30 | 66.9 | 13.33 | 62.4 | 12.37 | 60.2 | 11.90 | 57.9 | 11.43 | 53.5 | 10.52 | 49.0 | 9.62 |
| | 15.0 | 13.5 | 71.3 | 13.50 | 66.9 | 12.58 | 62.4 | 11.68 | 60.2 | 11.24 | 57.9 | 10.80 | 53.5 | 9.94 | 49.0 | 9.09 |
| 56.1 (90%) | -20.0 | -20.7 | 42.1 | 14.61 | 41.6 | 14.75 | 41.2 | 14.90 | 40.9 | 14.97 | 40.7 | 15.05 | 40.3 | 15.19 | 39.7 | 15.31 |
| | -15.0 | -16.0 | 48.2 | 15.47 | 47.8 | 15.65 | 47.4 | 15.82 | 47.2 | 15.91 | 47.0 | 16.00 | 45.7 | 15.80 | 43.9 | 15.45 |
| | -12.0 | -13.0 | 52.3 | 16.04 | 52.0 | 16.23 | 51.6 | 16.43 | 51.0 | 16.37 | 50.2 | 16.22 | 48.2 | 15.74 | 44.1 | 14.36 |
| | -9.0 | -10.0 | 56.7 | 16.62 | 56.3 | 16.84 | 54.8 | 16.61 | 53.9 | 16.46 | 52.1 | 15.91 | 48.2 | 14.61 | 44.1 | 13.35 |
| | -7.0 | -8.0 | 59.6 | 17.02 | 58.4 | 16.93 | 56.1 | 16.44 | 54.1 | 15.80 | 52.1 | 15.17 | 48.2 | 13.94 | 44.1 | 12.74 |
| | -5.0 | -6.0 | 62.0 | 17.23 | 60.2 | 16.91 | 56.1 | 15.68 | 54.1 | 15.09 | 52.1 | 14.49 | 48.2 | 13.32 | 44.1 | 12.17 |
| | -3.0 | -4.0 | 64.0 | 17.29 | 60.2 | 16.15 | 56.1 | 15.00 | 54.1 | 14.43 | 52.1 | 13.86 | 48.2 | 12.74 | 44.1 | 11.65 |
| | -1.0 | -2.0 | 64.1 | 16.58 | 60.2 | 15.46 | 56.1 | 14.35 | 54.1 | 13.81 | 52.1 | 13.27 | 48.2 | 12.20 | 44.1 | 11.16 |
| | 0.0 | -1.0 | 64.1 | 16.22 | 60.2 | 15.13 | 56.1 | 14.05 | 54.1 | 13.51 | 52.1 | 12.98 | 48.2 | 11.94 | 44.1 | 10.93 |
| | 2.0 | 1.0 | 64.1 | 15.54 | 60.2 | 14.49 | 56.1 | 13.46 | 54.1 | 12.95 | 52.1 | 12.44 | 48.2 | 11.45 | 44.1 | 10.48 |
| | 5.0 | 4.0 | 64.1 | 14.59 | 60.2 | 13.61 | 56.1 | 12.64 | 54.1 | 12.17 | 52.1 | 11.70 | 48.2 | 10.77 | 44.1 | 9.86 |
| | 7.0 | 6.0 | 64.1 | 14.00 | 60.2 | 13.06 | 56.1 | 12.14 | 54.1 | 11.69 | 52.1 | 11.23 | 48.2 | 10.35 | 44.1 | 9.47 |
| | 9.0 | 7.8 | 64.1 | 13.49 | 60.2 | 12.60 | 56.1 | 11.70 | 54.1 | 11.26 | 52.1 | 10.84 | 48.2 | 9.98 | 44.1 | 9.14 |
| | 12.0 | 10.6 | 64.1 | 12.76 | 60.2 | 11.91 | 56.1 | 11.07 | 54.1 | 10.66 | 52.1 | 10.25 | 48.2 | 9.45 | 44.1 | 8.66 |
| | 15.0 | 13.5 | 64.1 | 12.04 | 60.2 | 11.24 | 56.1 | 10.45 | 54.1 | 10.07 | 52.1 | 9.68 | 48.2 | 8.93 | 44.1 | 8.18 |
| 49.9 (80%) | -20.0 | -20.7 | 41.5 | 14.80 | 41.1 | 14.94 | 40.6 | 15.08 | 40.4 | 15.15 | 40.2 | 15.22 | 39.3 | 15.14 | 37.7 | 14.78 |
| | -15.0 | -16.0 | 47.6 | 15.73 | 47.3 | 15.91 | 46.5 | 15.93 | 45.7 | 15.79 | 44.9 | 15.63 | 42.8 | 15.03 | 39.2 | 13.73 |
| | -12.0 | -13.0 | 51.7 | 16.35 | 50.8 | 16.30 | 49.3 | 16.04 | 48.2 | 15.74 | 46.3 | 15.12 | 42.8 | 13.90 | 39.2 | 12.71 |
| | -9.0 | -10.0 | 55.2 | 16.66 | 53.5 | 16.35 | 49.9 | 15.19 | 48.2 | 14.61 | 46.3 | 14.05 | 42.8 | 12.93 | 39.2 | 11.82 |
| | -7.0 | -8.0 | 57.1 | 16.72 | 53.5 | 15.59 | 49.9 | 14.49 | 48.2 | 13.94 | 46.3 | 13.40 | 42.8 | 12.33 | 39.2 | 11.29 |
| | -5.0 | -6.0 | 57.1 | 15.95 | 53.5 | 14.89 | 49.9 | 13.83 | 48.2 | 13.32 | 46.3 | 12.81 | 42.8 | 11.79 | 39.2 | 10.80 |
| | -3.0 | -4.0 | 57.1 | 15.25 | 53.5 | 14.23 | 49.9 | 13.23 | 48.2 | 12.74 | 46.3 | 12.25 | 42.8 | 11.29 | 39.2 | 10.34 |
| | -1.0 | -2.0 | 57.1 | 14.59 | 53.5 | 13.63 | 49.9 | 12.67 | 48.2 | 12.20 | 46.3 | 11.73 | 42.8 | 10.81 | 39.2 | 9.91 |
| | 0.0 | -1.0 | 57.1 | 14.28 | 53.5 | 13.34 | 49.9 | 12.41 | 48.2 | 11.94 | 46.3 | 11.49 | 42.8 | 10.59 | 39.2 | 9.70 |
| | 2.0 | 1.0 | 57.1 | 13.68 | 53.5 | 12.78 | 49.9 | 11.89 | 48.2 | 11.45 | 46.3 | 11.02 | 42.8 | 10.16 | 39.2 | 9.31 |
| | 5.0 | 4.0 | 57.1 | 12.85 | 53.5 | 12.01 | 49.9 | 11.18 | 48.2 | 10.77 | 46.3 | 10.36 | 42.8 | 9.56 | 39.2 | 8.77 |
| | 7.0 | 6.0 | 57.1 | 12.34 | 53.5 | 11.53 | 49.9 | 10.73 | 48.2 | 10.35 | 46.3 | 9.96 | 42.8 | 9.18 | 39.2 | 8.43 |
| | 9.0 | 7.8 | 57.1 | 11.90 | 53.5 | 11.12 | 49.9 | 10.36 | 48.2 | 9.98 | 46.3 | 9.60 | 42.8 | 8.87 | 39.2 | 8.14 |
| | 12.0 | 10.6 | 57.1 | 11.25 | 53.5 | 10.52 | 49.9 | 9.80 | 48.2 | 9.45 | 46.3 | 9.09 | 42.8 | 8.40 | 39.2 | 7.71 |
| | 15.0 | 13.5 | 57.1 | 10.63 | 53.5 | 9.94 | 49.9 | 9.26 | 48.2 | 8.93 | 46.3 | 8.60 | 42.8 | 7.94 | 39.2 | 7.30 |
| 43.6 (70%) | -20.0 | -20.7 | 40.8 | 15.02 | 40.4 | 15.16 | 39.7 | 15.21 | 39.0 | 15.05 | 38.3 | 14.90 | 36.8 | 14.60 | 34.3 | 13.66 |
| | -15.0 | -16.0 | 46.5 | 15.90 | 45.2 | 15.66 | 43.7 | 15.36 | 42.1 | 14.79 | 40.6 | 14.21 | 37.4 | 13.09 | 34.3 | 11.98 |
| | -12.0 | -13.0 | 49.2 | 16.04 | 46.8 | 15.28 | 43.6 | 14.21 | 42.1 | 13.68 | 40.6 | 13.16 | 37.4 | 12.12 | 34.3 | 11.10 |
| | -9.0 | -10.0 | 49.9 | 15.19 | 46.8 | 14.18 | 43.6 | 13.20 | 42.1 | 12.72 | 40.6 | 12.23 | 37.4 | 11.27 | 34.3 | 10.34 |
| | -7.0 | -8.0 | 49.9 | 14.49 | 46.8 | 13.53 | 43.6 | 12.60 | 42.1 | 12.14 | 40.6 | 11.68 | 37.4 | 10.77 | 34.3 | 9.88 |
| | -5.0 | -6.0 | 49.9 | 13.83 | 46.8 | 12.93 | 43.6 | 12.05 | 42.1 | 11.60 | 40.6 | 11.16 | 37.4 | 10.30 | 34.3 | 9.46 |
| | -3.0 | -4.0 | 49.9 | 13.23 | 46.8 | 12.37 | 43.6 | 11.53 | 42.1 | 11.11 | 40.6 | 10.69 | 37.4 | 9.87 | 34.3 | 9.06 |
| | -1.0 | -2.0 | 49.9 | 12.67 | 46.8 | 11.85 | 43.6 | 11.04 | 42.1 | 10.64 | 40.6 | 10.24 | 37.4 | 9.46 | 34.3 | 8.69 |
| | 0.0 | -1.0 | 49.9 | 12.41 | 46.8 | 11.61 | 43.6 | 10.81 | 42.1 | 10.42 | 40.6 | 10.03 | 37.4 | 9.26 | 34.3 | 8.52 |
| | 2.0 | 1.0 | 49.9 | 11.89 | 46.8 | 11.13 | 43.6 | 10.37 | 42.1 | 9.99 | 40.6 | 9.63 | 37.4 | 8.90 | 34.3 | 8.17 |
| | 5.0 | 4.0 | 49.9 | 11.18 | 46.8 | 10.46 | 43.6 | 9.76 | 42.1 | 9.41 | 40.6 | 9.06 | 37.4 | 8.37 | 34.3 | 7.70 |
| | 7.0 | 6.0 | 49.9 | 10.73 | 46.8 | 10.05 | 43.6 | 9.38 | 42.1 | 9.04 | 40.6 | 8.71 | 37.4 | 8.06 | 34.3 | 7.41 |
| | 9.0 | 7.8 | 49.9 | 10.36 | 46.8 | 9.70 | 43.6 | 9.05 | 42.1 | 8.73 | 40.6 | 8.41 | 37.4 | 7.78 | 34.3 | 7.16 |
| | 12.0 | 10.6 | 49.9 | 9.80 | 46.8 | 9.18 | 43.6 | 8.57 | 42.1 | 8.27 | 40.6 | 7.97 | 37.4 | 7.37 | 34.3 | 6.79 |
| | 15.0 | 13.5 | 49.9 | 9.26 | 46.8 | 8.68 | 43.6 | 8.11 | 42.1 | 7.82 | 40.6 | 7.54 | 37.4 | 6.98 | 34.3 | 6.43 |
| 37.4 (60%) | -20.0 | -20.7 | 39.5 | 15.09 | 38.1 | 14.84 | 36.9 | 14.59 | 36.1 | 14.39 | 34.8 | 13.84 | 32.1 | 12.76 | 29.5 | 11.69 |
| | -15.0 | -16.0 | 42.8 | 15.03 | 40.1 | 14.05 | 37.4 | 13.09 | 36.1 | 12.61 | 34.8 | 12.13 | 32.1 | 11.20 | 29.5 | 10.28 |
| | -12.0 | -13.0 | 42.8 | 13.90 | 40.1 | 13.01 | 37.4 | 12.12 | 36.1 | 11.69 | 34.8 | 11.24 | 32.1 | 10.39 | 29.5 | 9.54 |
| | -9.0 | -10.0 | 42.8 | 12.93 | 40.1 | 12.10 | 37.4 | 11.27 | 36.1 | 10.87 | 34.8 | 10.48 | 32.1 | 9.67 | 29.5 | 8.89 |
| | -7.0 | -8.0 | 42.8 | 12.33 | 40.1 | 11.55 | 37.4 | 10.77 | 36.1 | 10.39 | 34.8 | 10.01 | 32.1 | 9.25 | 29.5 | 8.50 |
| | -5.0 | -6.0 | 42.8 | 11.79 | 40.1 | 11.04 | 37.4 | 10.30 | 36.1 | 9.94 | 34.8 | 9.58 | 32.1 | 8.86 | 29.5 | 8.15 |
| | -3.0 | -4.0 | 42.8 | 11.29 | 40.1 | 10.57 | 37.4 | 9.87 | 36.1 | 9.52 | 34.8 | 9.18 | 32.1 | 8.49 | 29.5 | 7.81 |
| | -1.0 | -2.0 | 42.8 | 10.81 | 40.1 | 10.13 | 37.4 | 9.46 | 36.1 | 9.13 | 34.8 | 8.80 | 32.1 | 8.15 | 29.5 | 7.50 |
| | 0.0 | -1.0 | 42.8 | 10.59 | 40.1 | 9.93 | 37.4 | 9.26 | 36.1 | 8.94 | 34.8 | 8.62 | 32.1 | 7.99 | 29.5 | 7.35 |
| | 2.0 | 1.0 | 42.8 | 10.16 | 40.1 | 9.52 | 37.4 | 8.90 | 36.1 | 8.58 | 34.8 | 8.28 | 32.1 | 7.67 | 29.5 | 7.07 |
| | 5.0 | 4.0 | 42.8 | 9.56 | 40.1 | 8.97 | 37.4 | 8.37 | 36.1 | 8.08 | 34.8 | 7.80 | 32.1 | 7.23 | 29.5 | 6.66 |
| | 7.0 | 6.0 | 42.8 | 9.18 | 40.1 | 8.62 | 37.4 | 8.06 | 36.1 | 7.78 | 34.8 | 7.50 | 32.1 | 6.96 | 29.5 | 6.42 |
| | 9.0 | 7.8 | 42.8 | 8.87 | 40.1 | 8.32 | 37.4 | 7.78 | 36.1 | 7.51 | 34.8 | 7.25 | 32.1 | 6.72 | 29.5 | 6.20 |
| | 12.0 | 10.6 | 42.8 | 8.40 | 40.1 | 7.89 | 37.4 | 7.37 | 36.1 | 7.12 | 34.8 | 6.88 | 32.1 | 6.38 | 29.5 | 5.89 |
| | 15.0 | 13.5 | 42.8 | 7.94 | 40.1 | 7.46 | 37.4 | 6.98 | 36.1 | 6.75 | 34.8 | 6.51 | 32.1 | 6.04 | 29.5 | 5.59 |

| Heating capacity at rated condition: 70.0 kW (22HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 31.2 (50%) | -20.0 | -20.7 | 35.7 | 14.22 | 33.4 | 13.30 | 31.2 | 12.41 | 30.1 | 11.95 | 29.0 | 11.51 | 26.7 | 10.64 | 24.5 | 9.77 |
| | -15.0 | -16.0 | 35.7 | 12.46 | 33.4 | 11.67 | 31.2 | 10.89 | 30.1 | 10.50 | 29.0 | 10.12 | 26.7 | 9.36 | 24.5 | 8.61 |
| | -12.0 | -13.0 | 35.7 | 11.54 | 33.4 | 10.81 | 31.2 | 10.10 | 30.1 | 9.75 | 29.0 | 9.39 | 26.7 | 8.70 | 24.5 | 8.01 |
| | -9.0 | -10.0 | 35.7 | 10.74 | 33.4 | 10.07 | 31.2 | 9.41 | 30.1 | 9.09 | 29.0 | 8.77 | 26.7 | 8.12 | 24.5 | 7.48 |
| | -7.0 | -8.0 | 35.7 | 10.26 | 33.4 | 9.63 | 31.2 | 9.00 | 30.1 | 8.69 | 29.0 | 8.38 | 26.7 | 7.77 | 24.5 | 7.16 |
| | -5.0 | -6.0 | 35.7 | 9.82 | 33.4 | 9.22 | 31.2 | 8.62 | 30.1 | 8.32 | 29.0 | 8.03 | 26.7 | 7.45 | 24.5 | 6.87 |
| | -3.0 | -4.0 | 35.7 | 9.40 | 33.4 | 8.83 | 31.2 | 8.27 | 30.1 | 7.98 | 29.0 | 7.70 | 26.7 | 7.14 | 24.5 | 6.60 |
| | -1.0 | -2.0 | 35.7 | 9.01 | 33.4 | 8.47 | 31.2 | 7.93 | 30.1 | 7.66 | 29.0 | 7.39 | 26.7 | 6.87 | 24.5 | 6.34 |
| | 0.0 | -1.0 | 35.7 | 8.84 | 33.4 | 8.29 | 31.2 | 7.77 | 30.1 | 7.50 | 29.0 | 7.24 | 26.7 | 6.72 | 24.5 | 6.22 |
| | 2.0 | 1.0 | 35.7 | 8.49 | 33.4 | 7.97 | 31.2 | 7.47 | 30.1 | 7.21 | 29.0 | 6.96 | 26.7 | 6.47 | 24.5 | 5.98 |
| | 5.0 | 4.0 | 35.7 | 7.99 | 33.4 | 7.52 | 31.2 | 7.04 | 30.1 | 6.81 | 29.0 | 6.57 | 26.7 | 6.11 | 24.5 | 5.65 |
| | 7.0 | 6.0 | 35.7 | 7.68 | 33.4 | 7.23 | 31.2 | 6.78 | 30.1 | 6.55 | 29.0 | 6.33 | 26.7 | 5.89 | 24.5 | 5.45 |
| | 9.0 | 7.8 | 35.7 | 7.43 | 33.4 | 6.99 | 31.2 | 6.55 | 30.1 | 6.34 | 29.0 | 6.12 | 26.7 | 5.69 | 24.5 | 5.28 |
| | 12.0 | 10.6 | 35.7 | 7.04 | 33.4 | 6.63 | 31.2 | 6.22 | 30.1 | 6.01 | 29.0 | 5.81 | 26.7 | 5.41 | 24.5 | 5.01 |
| | 15.0 | 13.5 | 35.7 | 6.67 | 33.4 | 6.28 | 31.2 | 5.89 | 30.1 | 5.70 | 29.0 | 5.52 | 26.7 | 5.14 | 24.5 | 4.77 |

# ■ Model: AJ∗216GALDHH

| Heating capacity at rated condition: 75.0 kW (24HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 100.8 (150%) | -20.0 | -20.7 | 50.5 | 16.08 | 50.2 | 16.23 | 49.9 | 16.35 | 49.8 | 16.41 | 49.6 | 16.47 | 49.3 | 16.59 | 49.0 | 16.71 |
| | -15.0 | -16.0 | 57.6 | 16.62 | 57.3 | 16.77 | 57.0 | 16.92 | 56.8 | 16.98 | 56.7 | 17.07 | 56.3 | 17.22 | 56.0 | 17.37 |
| | -12.0 | -13.0 | 62.3 | 16.95 | 62.0 | 17.13 | 61.6 | 17.28 | 61.4 | 17.37 | 61.3 | 17.46 | 60.9 | 17.61 | 60.6 | 17.79 |
| | -9.0 | -10.0 | 67.1 | 17.28 | 66.7 | 17.46 | 66.3 | 17.64 | 66.1 | 17.73 | 65.9 | 17.82 | 65.6 | 18.00 | 65.2 | 18.18 |
| | -7.0 | -8.0 | 70.3 | 17.49 | 69.9 | 17.67 | 69.5 | 17.88 | 69.3 | 17.97 | 69.1 | 18.06 | 68.7 | 18.24 | 68.3 | 18.45 |
| | -5.0 | -6.0 | 73.5 | 17.70 | 73.1 | 17.91 | 72.7 | 18.09 | 72.5 | 18.21 | 72.3 | 18.30 | 71.8 | 18.51 | 71.4 | 18.69 |
| | -3.0 | -4.0 | 76.8 | 17.91 | 76.4 | 18.12 | 75.9 | 18.33 | 75.7 | 18.45 | 75.4 | 18.54 | 75.0 | 18.75 | 74.5 | 18.96 |
| | -1.0 | -2.0 | 80.1 | 18.12 | 79.6 | 18.33 | 79.1 | 18.57 | 78.9 | 18.66 | 78.6 | 18.78 | 78.1 | 18.99 | 77.7 | 19.20 |
| | 0.0 | -1.0 | 81.7 | 18.24 | 81.2 | 18.45 | 80.7 | 18.66 | 80.5 | 18.78 | 80.2 | 18.90 | 79.7 | 19.11 | 79.2 | 19.32 |
| | 2.0 | 1.0 | 85.0 | 18.45 | 84.5 | 18.66 | 84.0 | 18.90 | 83.7 | 18.99 | 83.4 | 19.11 | 82.9 | 19.35 | 79.2 | 18.57 |
| | 5.0 | 4.0 | 90.0 | 18.72 | 89.4 | 18.96 | 88.8 | 19.20 | 88.6 | 19.32 | 88.3 | 19.44 | 86.4 | 19.29 | 79.2 | 17.55 |
| | 7.0 | 6.0 | 93.3 | 18.93 | 92.7 | 19.17 | 92.1 | 19.41 | 91.8 | 19.53 | 91.5 | 19.65 | 86.4 | 18.57 | 79.2 | 16.89 |
| | 9.0 | 7.8 | 96.3 | 19.11 | 95.7 | 19.35 | 95.0 | 19.59 | 94.7 | 19.71 | 93.6 | 19.62 | 86.4 | 17.97 | 79.2 | 16.35 |
| | 12.0 | 10.6 | 101.0 | 19.35 | 100.2 | 19.62 | 99.5 | 19.86 | 97.2 | 19.44 | 93.6 | 18.63 | 86.4 | 17.04 | 79.2 | 15.51 |
| | 15.0 | 13.5 | 105.7 | 19.62 | 105.0 | 19.86 | 100.8 | 19.17 | 97.2 | 18.42 | 93.6 | 17.64 | 86.4 | 16.17 | 79.2 | 14.70 |
| 94.0 (140%) | -20.0 | -20.7 | 50.3 | 16.17 | 50.1 | 16.29 | 49.8 | 16.41 | 49.6 | 16.47 | 49.5 | 16.53 | 49.2 | 16.65 | 48.9 | 16.77 |
| | -15.0 | -16.0 | 57.4 | 16.71 | 57.1 | 16.86 | 56.8 | 17.01 | 56.6 | 17.07 | 56.5 | 17.16 | 56.2 | 17.31 | 55.8 | 17.46 |
| | -12.0 | -13.0 | 62.1 | 17.04 | 61.7 | 17.22 | 61.4 | 17.37 | 61.2 | 17.46 | 61.1 | 17.55 | 60.7 | 17.70 | 60.4 | 17.88 |
| | -9.0 | -10.0 | 66.8 | 17.40 | 66.4 | 17.58 | 66.1 | 17.76 | 65.9 | 17.85 | 65.7 | 17.94 | 65.3 | 18.12 | 64.9 | 18.30 |
| | -7.0 | -8.0 | 70.0 | 17.64 | 69.6 | 17.82 | 69.2 | 18.00 | 69.0 | 18.09 | 68.8 | 18.18 | 68.4 | 18.39 | 68.0 | 18.57 |
| | -5.0 | -6.0 | 73.2 | 17.85 | 72.8 | 18.06 | 72.4 | 18.24 | 72.2 | 18.36 | 71.9 | 18.45 | 71.5 | 18.63 | 71.1 | 18.84 |
| | -3.0 | -4.0 | 76.5 | 18.09 | 76.0 | 18.27 | 75.6 | 18.48 | 75.3 | 18.60 | 75.1 | 18.69 | 74.6 | 18.90 | 73.9 | 19.02 |
| | -1.0 | -2.0 | 79.7 | 18.30 | 79.2 | 18.51 | 78.7 | 18.72 | 78.5 | 18.84 | 78.3 | 18.93 | 77.8 | 19.17 | 73.9 | 18.27 |
| | 0.0 | -1.0 | 81.3 | 18.42 | 80.8 | 18.63 | 80.3 | 18.84 | 80.1 | 18.96 | 79.8 | 19.05 | 79.3 | 19.29 | 73.9 | 17.94 |
| | 2.0 | 1.0 | 84.6 | 18.63 | 84.1 | 18.84 | 83.5 | 19.08 | 83.3 | 19.20 | 83.0 | 19.29 | 80.6 | 18.96 | 73.9 | 17.25 |
| | 5.0 | 4.0 | 89.5 | 18.93 | 88.9 | 19.17 | 88.3 | 19.41 | 88.0 | 19.53 | 87.4 | 19.53 | 80.6 | 17.91 | 73.9 | 16.29 |
| | 7.0 | 6.0 | 92.8 | 19.14 | 92.1 | 19.38 | 91.5 | 19.62 | 90.7 | 19.62 | 87.4 | 18.81 | 80.6 | 17.22 | 73.9 | 15.69 |
| | 9.0 | 7.8 | 95.7 | 19.32 | 95.0 | 19.59 | 94.0 | 19.74 | 90.7 | 18.96 | 87.4 | 18.18 | 80.6 | 16.65 | 73.9 | 15.18 |
| | 12.0 | 10.6 | 100.3 | 19.62 | 99.5 | 19.86 | 94.0 | 18.72 | 90.7 | 18.00 | 87.4 | 17.25 | 80.6 | 15.81 | 73.9 | 14.40 |
| | 15.0 | 13.5 | 104.9 | 19.89 | 100.8 | 19.17 | 94.0 | 17.76 | 90.7 | 17.04 | 87.4 | 16.35 | 80.6 | 15.00 | 73.9 | 13.68 |
| 87.3 (130%) | -20.0 | -20.7 | 50.2 | 16.23 | 49.9 | 16.35 | 49.6 | 16.47 | 49.4 | 16.53 | 49.3 | 16.59 | 49.0 | 16.71 | 48.7 | 16.86 |
| | -15.0 | -16.0 | 57.2 | 16.80 | 56.9 | 16.95 | 56.6 | 17.10 | 56.4 | 17.16 | 56.3 | 17.25 | 55.9 | 17.40 | 55.6 | 17.55 |
| | -12.0 | -13.0 | 61.8 | 17.16 | 61.5 | 17.34 | 61.2 | 17.49 | 61.0 | 17.58 | 60.8 | 17.67 | 60.5 | 17.82 | 60.1 | 18.00 |
| | -9.0 | -10.0 | 66.5 | 17.52 | 66.2 | 17.70 | 65.8 | 17.88 | 65.6 | 17.97 | 65.4 | 18.06 | 65.0 | 18.24 | 64.7 | 18.42 |
| | -7.0 | -8.0 | 69.7 | 17.79 | 69.3 | 17.97 | 68.9 | 18.15 | 68.7 | 18.24 | 68.5 | 18.33 | 68.1 | 18.54 | 67.7 | 18.72 |
| | -5.0 | -6.0 | 72.9 | 18.03 | 72.5 | 18.21 | 72.0 | 18.42 | 71.8 | 18.51 | 71.6 | 18.60 | 71.2 | 18.81 | 68.6 | 18.30 |
| | -3.0 | -4.0 | 76.1 | 18.24 | 75.6 | 18.45 | 75.2 | 18.66 | 74.9 | 18.78 | 74.7 | 18.87 | 74.3 | 19.08 | 68.6 | 17.58 |
| | -1.0 | -2.0 | 79.3 | 18.48 | 78.8 | 18.69 | 78.3 | 18.93 | 78.1 | 19.02 | 77.8 | 19.14 | 74.9 | 18.54 | 68.6 | 16.89 |
| | 0.0 | -1.0 | 80.9 | 18.60 | 80.4 | 18.81 | 79.9 | 19.05 | 79.6 | 19.14 | 79.4 | 19.26 | 74.9 | 18.18 | 68.6 | 16.56 |
| | 2.0 | 1.0 | 84.1 | 18.84 | 83.6 | 19.05 | 83.0 | 19.29 | 82.8 | 19.41 | 81.1 | 19.08 | 74.9 | 17.49 | 68.6 | 15.93 |
| | 5.0 | 4.0 | 88.9 | 19.17 | 88.3 | 19.41 | 87.3 | 19.53 | 84.2 | 18.78 | 81.1 | 18.00 | 74.9 | 16.53 | 68.6 | 15.06 |
| | 7.0 | 6.0 | 92.1 | 19.41 | 91.5 | 19.65 | 87.3 | 18.81 | 84.2 | 18.06 | 81.1 | 17.34 | 74.9 | 15.90 | 68.6 | 14.52 |
| | 9.0 | 7.8 | 95.0 | 19.59 | 93.6 | 19.62 | 87.3 | 18.18 | 84.2 | 17.46 | 81.1 | 16.77 | 74.9 | 15.39 | 68.6 | 14.04 |
| | 12.0 | 10.6 | 99.4 | 19.89 | 93.6 | 18.63 | 87.3 | 17.25 | 84.2 | 16.59 | 81.1 | 15.93 | 74.9 | 14.61 | 68.6 | 13.32 |
| | 15.0 | 13.5 | 99.8 | 18.96 | 93.6 | 17.64 | 87.3 | 16.35 | 84.2 | 15.72 | 81.1 | 15.09 | 74.9 | 13.86 | 68.6 | 12.63 |
| 80.6 (120%) | -20.0 | -20.7 | 50.0 | 16.32 | 49.7 | 16.44 | 49.4 | 16.56 | 49.3 | 16.62 | 49.1 | 16.68 | 48.8 | 16.80 | 48.5 | 16.92 |
| | -15.0 | -16.0 | 57.0 | 16.92 | 56.7 | 17.07 | 56.3 | 17.22 | 56.2 | 17.28 | 56.0 | 17.37 | 55.7 | 17.52 | 55.4 | 17.67 |
| | -12.0 | -13.0 | 61.6 | 17.31 | 61.2 | 17.46 | 60.9 | 17.64 | 60.7 | 17.70 | 60.5 | 17.79 | 60.2 | 17.97 | 59.8 | 18.12 |
| | -9.0 | -10.0 | 66.2 | 17.70 | 65.8 | 17.88 | 65.5 | 18.06 | 65.3 | 18.15 | 65.1 | 18.24 | 64.7 | 18.42 | 63.4 | 18.24 |
| | -7.0 | -8.0 | 69.3 | 17.94 | 68.9 | 18.15 | 68.5 | 18.33 | 68.3 | 18.42 | 68.1 | 18.51 | 67.7 | 18.69 | 63.4 | 17.49 |
| | -5.0 | -6.0 | 72.5 | 18.21 | 72.0 | 18.39 | 71.6 | 18.60 | 71.4 | 18.69 | 71.2 | 18.81 | 69.1 | 18.42 | 63.4 | 16.80 |
| | -3.0 | -4.0 | 75.6 | 18.45 | 75.2 | 18.66 | 74.7 | 18.87 | 74.5 | 18.96 | 74.3 | 19.08 | 69.1 | 17.70 | 63.4 | 16.14 |
| | -1.0 | -2.0 | 78.8 | 18.72 | 78.3 | 18.93 | 77.8 | 19.14 | 77.6 | 19.26 | 74.9 | 18.54 | 69.1 | 17.01 | 63.4 | 15.54 |
| | 0.0 | -1.0 | 80.3 | 18.84 | 79.8 | 19.05 | 79.3 | 19.26 | 77.8 | 18.93 | 74.9 | 18.18 | 69.1 | 16.68 | 63.4 | 15.24 |
| | 2.0 | 1.0 | 83.5 | 19.08 | 83.0 | 19.32 | 80.6 | 18.96 | 77.8 | 18.21 | 74.9 | 17.49 | 69.1 | 16.05 | 63.4 | 14.67 |
| | 5.0 | 4.0 | 88.2 | 19.47 | 86.4 | 19.29 | 80.6 | 17.91 | 77.8 | 17.19 | 74.9 | 16.53 | 69.1 | 15.18 | 63.4 | 13.86 |
| | 7.0 | 6.0 | 91.4 | 19.71 | 86.4 | 18.57 | 80.6 | 17.22 | 77.8 | 16.56 | 74.9 | 15.90 | 69.1 | 14.61 | 63.4 | 13.35 |
| | 9.0 | 7.8 | 92.2 | 19.29 | 86.4 | 17.97 | 80.6 | 16.65 | 77.8 | 16.02 | 74.9 | 15.39 | 69.1 | 14.13 | 63.4 | 12.90 |
| | 12.0 | 10.6 | 92.2 | 18.30 | 86.4 | 17.04 | 80.6 | 15.81 | 77.8 | 15.21 | 74.9 | 14.61 | 69.1 | 13.44 | 63.4 | 12.27 |
| | 15.0 | 13.5 | 92.2 | 17.34 | 86.4 | 16.17 | 80.6 | 15.00 | 77.8 | 14.43 | 74.9 | 13.86 | 69.1 | 12.75 | 63.4 | 11.64 |
| 73.9 (110%) | -20.0 | -20.7 | 49.8 | 16.41 | 49.5 | 16.53 | 49.2 | 16.65 | 49.0 | 16.71 | 48.9 | 16.77 | 48.6 | 16.89 | 48.3 | 17.01 |
| | -15.0 | -16.0 | 56.7 | 17.04 | 56.4 | 17.19 | 56.1 | 17.34 | 55.9 | 17.43 | 55.7 | 17.49 | 55.4 | 17.64 | 55.1 | 17.79 |
| | -12.0 | -13.0 | 61.2 | 17.46 | 60.9 | 17.64 | 60.5 | 17.79 | 60.4 | 17.88 | 60.2 | 17.94 | 59.9 | 18.12 | 58.1 | 17.76 |
| | -9.0 | -10.0 | 65.8 | 17.88 | 65.4 | 18.06 | 65.1 | 18.24 | 64.9 | 18.33 | 64.7 | 18.42 | 63.4 | 18.24 | 58.1 | 16.65 |
| | -7.0 | -8.0 | 68.9 | 18.15 | 68.5 | 18.33 | 68.1 | 18.54 | 67.9 | 18.63 | 67.7 | 18.72 | 63.4 | 17.49 | 58.1 | 15.96 |
| | -5.0 | -6.0 | 72.0 | 18.42 | 71.6 | 18.63 | 71.1 | 18.81 | 70.9 | 18.93 | 68.6 | 18.30 | 63.4 | 16.80 | 58.1 | 15.33 |
| | -3.0 | -4.0 | 75.1 | 18.69 | 74.6 | 18.90 | 73.9 | 19.02 | 71.3 | 18.30 | 68.6 | 17.58 | 63.4 | 16.14 | 58.1 | 14.76 |
| | -1.0 | -2.0 | 78.2 | 18.99 | 77.7 | 19.20 | 73.9 | 18.27 | 71.3 | 17.58 | 68.6 | 16.89 | 63.4 | 15.54 | 58.1 | 14.19 |
| | 0.0 | -1.0 | 79.7 | 19.11 | 79.2 | 19.32 | 73.9 | 17.94 | 71.3 | 17.25 | 68.6 | 16.56 | 63.4 | 15.24 | 58.1 | 13.92 |
| | 2.0 | 1.0 | 82.8 | 19.38 | 79.2 | 18.57 | 73.9 | 17.25 | 71.3 | 16.59 | 68.6 | 15.93 | 63.4 | 14.67 | 58.1 | 13.41 |
| | 5.0 | 4.0 | 84.5 | 18.84 | 79.2 | 17.55 | 73.9 | 16.29 | 71.3 | 15.66 | 68.6 | 15.06 | 63.4 | 13.86 | 58.1 | 12.66 |
| | 7.0 | 6.0 | 84.5 | 18.12 | 79.2 | 16.89 | 73.9 | 15.69 | 71.3 | 15.09 | 68.6 | 14.52 | 63.4 | 13.35 | 58.1 | 12.21 |
| | 9.0 | 7.8 | 84.5 | 17.52 | 79.2 | 16.35 | 73.9 | 15.18 | 71.3 | 14.61 | 68.6 | 14.04 | 63.4 | 12.90 | 58.1 | 11.82 |
| | 12.0 | 10.6 | 84.5 | 16.65 | 79.2 | 15.51 | 73.9 | 14.40 | 71.3 | 13.86 | 68.6 | 13.32 | 63.4 | 12.27 | 58.1 | 11.22 |
| | 15.0 | 13.5 | 84.5 | 15.78 | 79.2 | 14.70 | 73.9 | 13.68 | 71.3 | 13.14 | 68.6 | 12.63 | 63.4 | 11.64 | 58.1 | 10.65 |

MODEL SELECTION

| Heating capacity at rated condition: 75.0 kW (24HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 67.2 (100%) | -20.0 | -20.7 | 49.3 | 16.47 | 49.0 | 16.62 | 48.8 | 16.74 | 48.6 | 16.80 | 48.5 | 16.86 | 48.2 | 17.01 | 47.9 | 17.13 |
| | -15.0 | -16.0 | 56.3 | 17.19 | 56.0 | 17.37 | 55.7 | 17.52 | 55.5 | 17.58 | 55.4 | 17.67 | 55.1 | 17.82 | 52.8 | 17.22 |
| | -12.0 | -13.0 | 60.9 | 17.67 | 60.5 | 17.85 | 60.2 | 18.00 | 60.0 | 18.09 | 59.8 | 18.18 | 57.6 | 17.64 | 52.8 | 16.11 |
| | -9.0 | -10.0 | 65.5 | 18.15 | 65.1 | 18.33 | 64.7 | 18.51 | 64.5 | 18.60 | 62.4 | 17.97 | 57.6 | 16.53 | 52.8 | 15.12 |
| | -7.0 | -8.0 | 68.5 | 18.45 | 68.1 | 18.66 | 67.2 | 18.66 | 64.8 | 17.94 | 62.4 | 17.25 | 57.6 | 15.87 | 52.8 | 14.49 |
| | -5.0 | -6.0 | 71.6 | 18.78 | 71.2 | 18.99 | 67.2 | 17.91 | 64.8 | 17.22 | 62.4 | 16.56 | 57.6 | 15.24 | 52.8 | 13.92 |
| | -3.0 | -4.0 | 74.7 | 19.08 | 72.0 | 18.51 | 67.2 | 17.19 | 64.8 | 16.56 | 62.4 | 15.90 | 57.6 | 14.64 | 52.8 | 13.38 |
| | -1.0 | -2.0 | 76.8 | 19.08 | 72.0 | 17.79 | 67.2 | 16.53 | 64.8 | 15.90 | 62.4 | 15.30 | 57.6 | 14.07 | 52.8 | 12.87 |
| | 0.0 | -1.0 | 76.8 | 18.69 | 72.0 | 17.43 | 67.2 | 16.20 | 64.8 | 15.60 | 62.4 | 15.00 | 57.6 | 13.80 | 52.8 | 12.63 |
| | 2.0 | 1.0 | 76.8 | 17.97 | 72.0 | 16.77 | 67.2 | 15.60 | 64.8 | 15.00 | 62.4 | 14.43 | 57.6 | 13.29 | 52.8 | 12.15 |
| | 5.0 | 4.0 | 76.8 | 16.98 | 72.0 | 15.84 | 67.2 | 14.73 | 64.8 | 14.19 | 62.4 | 13.65 | 57.6 | 12.57 | 52.8 | 11.49 |
| | 7.0 | 6.0 | 76.8 | 16.35 | 72.0 | 15.27 | 67.2 | 14.19 | 64.8 | 13.65 | 62.4 | 13.14 | 57.6 | 12.09 | 52.8 | 11.10 |
| | 9.0 | 7.8 | 76.8 | 15.81 | 72.0 | 14.76 | 67.2 | 13.71 | 64.8 | 13.20 | 62.4 | 12.72 | 57.6 | 11.70 | 52.8 | 10.74 |
| | 12.0 | 10.6 | 76.8 | 15.00 | 72.0 | 14.01 | 67.2 | 13.02 | 64.8 | 12.54 | 62.4 | 12.06 | 57.6 | 11.13 | 52.8 | 10.20 |
| | 15.0 | 13.5 | 76.8 | 14.22 | 72.0 | 13.29 | 67.2 | 12.36 | 64.8 | 11.91 | 62.4 | 11.46 | 57.6 | 10.56 | 52.8 | 9.69 |
| 60.4 (90%) | -20.0 | -20.7 | 49.2 | 16.65 | 48.9 | 16.77 | 48.6 | 16.89 | 48.4 | 16.95 | 48.3 | 17.04 | 48.0 | 17.16 | 47.5 | 17.19 |
| | -15.0 | -16.0 | 56.0 | 17.40 | 55.6 | 17.55 | 55.3 | 17.70 | 55.2 | 17.76 | 55.0 | 17.85 | 51.8 | 16.86 | 47.5 | 15.42 |
| | -12.0 | -13.0 | 60.4 | 17.88 | 60.0 | 18.03 | 59.7 | 18.21 | 58.3 | 17.82 | 56.2 | 17.13 | 51.8 | 15.78 | 47.5 | 14.43 |
| | -9.0 | -10.0 | 64.8 | 18.36 | 64.4 | 18.54 | 60.4 | 17.37 | 58.3 | 16.71 | 56.2 | 16.08 | 51.8 | 14.79 | 47.5 | 13.56 |
| | -7.0 | -8.0 | 67.8 | 18.69 | 64.8 | 17.91 | 60.4 | 16.68 | 58.3 | 16.05 | 56.2 | 15.42 | 51.8 | 14.22 | 47.5 | 13.02 |
| | -5.0 | -6.0 | 69.1 | 18.42 | 64.8 | 17.22 | 60.4 | 15.99 | 58.3 | 15.42 | 56.2 | 14.82 | 51.8 | 13.65 | 47.5 | 12.51 |
| | -3.0 | -4.0 | 69.1 | 17.70 | 64.8 | 16.53 | 60.4 | 15.39 | 58.3 | 14.82 | 56.2 | 14.25 | 51.8 | 13.14 | 47.5 | 12.03 |
| | -1.0 | -2.0 | 69.1 | 17.01 | 64.8 | 15.90 | 60.4 | 14.79 | 58.3 | 14.25 | 56.2 | 13.71 | 51.8 | 12.63 | 47.5 | 11.58 |
| | 0.0 | -1.0 | 69.1 | 16.68 | 64.8 | 15.60 | 60.4 | 14.52 | 58.3 | 13.98 | 56.2 | 13.44 | 51.8 | 12.39 | 47.5 | 11.37 |
| | 2.0 | 1.0 | 69.1 | 16.05 | 64.8 | 15.00 | 60.4 | 13.98 | 58.3 | 13.44 | 56.2 | 12.93 | 51.8 | 11.94 | 47.5 | 10.95 |
| | 5.0 | 4.0 | 69.1 | 15.18 | 64.8 | 14.19 | 60.4 | 13.20 | 58.3 | 12.72 | 56.2 | 12.24 | 51.8 | 11.28 | 47.5 | 10.35 |
| | 7.0 | 6.0 | 69.1 | 14.61 | 64.8 | 13.65 | 60.4 | 12.72 | 58.3 | 12.27 | 56.2 | 11.79 | 51.8 | 10.89 | 47.5 | 9.99 |
| | 9.0 | 7.8 | 69.1 | 14.13 | 64.8 | 13.23 | 60.4 | 12.30 | 58.3 | 11.85 | 56.2 | 11.43 | 51.8 | 10.53 | 47.5 | 9.66 |
| | 12.0 | 10.6 | 69.1 | 13.44 | 64.8 | 12.57 | 60.4 | 11.70 | 58.3 | 11.28 | 56.2 | 10.86 | 51.8 | 10.02 | 47.5 | 9.21 |
| | 15.0 | 13.5 | 69.1 | 12.75 | 64.8 | 11.91 | 60.4 | 11.10 | 58.3 | 10.71 | 56.2 | 10.29 | 51.8 | 9.51 | 47.5 | 8.73 |
| 53.7 (80%) | -20.0 | -20.7 | 48.7 | 16.83 | 48.5 | 16.95 | 48.2 | 17.07 | 48.0 | 17.13 | 47.9 | 17.19 | 46.1 | 16.65 | 42.2 | 15.24 |
| | -15.0 | -16.0 | 55.4 | 17.64 | 55.1 | 17.79 | 53.7 | 17.49 | 51.8 | 16.86 | 49.9 | 16.20 | 46.1 | 14.94 | 42.2 | 13.68 |
| | -12.0 | -13.0 | 59.8 | 18.15 | 57.6 | 17.58 | 53.7 | 16.38 | 51.8 | 15.78 | 49.9 | 15.18 | 46.1 | 13.98 | 42.2 | 12.81 |
| | -9.0 | -10.0 | 61.4 | 17.67 | 57.6 | 16.50 | 53.7 | 15.36 | 51.8 | 14.79 | 49.9 | 14.25 | 46.1 | 13.14 | 42.2 | 12.03 |
| | -7.0 | -8.0 | 61.4 | 16.95 | 57.6 | 15.84 | 53.7 | 14.76 | 51.8 | 14.22 | 49.9 | 13.68 | 46.1 | 12.60 | 42.2 | 11.58 |
| | -5.0 | -6.0 | 61.4 | 16.26 | 57.6 | 15.21 | 53.7 | 14.16 | 51.8 | 13.65 | 49.9 | 13.14 | 46.1 | 12.12 | 42.2 | 11.13 |
| | -3.0 | -4.0 | 61.4 | 15.63 | 57.6 | 14.61 | 53.7 | 13.62 | 51.8 | 13.14 | 49.9 | 12.63 | 46.1 | 11.67 | 42.2 | 10.71 |
| | -1.0 | -2.0 | 61.4 | 15.03 | 57.6 | 14.07 | 53.7 | 13.11 | 51.8 | 12.63 | 49.9 | 12.15 | 46.1 | 11.22 | 42.2 | 10.32 |
| | 0.0 | -1.0 | 61.4 | 14.76 | 57.6 | 13.80 | 53.7 | 12.87 | 51.8 | 12.39 | 49.9 | 11.94 | 46.1 | 11.01 | 42.2 | 10.11 |
| | 2.0 | 1.0 | 61.4 | 14.19 | 57.6 | 13.29 | 53.7 | 12.39 | 51.8 | 11.94 | 49.9 | 11.49 | 46.1 | 10.62 | 42.2 | 9.75 |
| | 5.0 | 4.0 | 61.4 | 13.41 | 57.6 | 12.57 | 53.7 | 11.70 | 51.8 | 11.28 | 49.9 | 10.86 | 46.1 | 10.05 | 42.2 | 9.24 |
| | 7.0 | 6.0 | 61.4 | 12.93 | 57.6 | 12.09 | 53.7 | 11.28 | 51.8 | 10.89 | 49.9 | 10.50 | 46.1 | 9.69 | 42.2 | 8.91 |
| | 9.0 | 7.8 | 61.4 | 12.51 | 57.6 | 11.70 | 53.7 | 10.92 | 51.8 | 10.53 | 49.9 | 10.14 | 46.1 | 9.39 | 42.2 | 8.64 |
| | 12.0 | 10.6 | 61.4 | 11.88 | 57.6 | 11.13 | 53.7 | 10.38 | 51.8 | 10.02 | 49.9 | 9.66 | 46.1 | 8.94 | 42.2 | 8.22 |
| | 15.0 | 13.5 | 61.4 | 11.28 | 57.6 | 10.56 | 53.7 | 9.87 | 51.8 | 9.51 | 49.9 | 9.18 | 46.1 | 8.49 | 42.2 | 7.80 |
| 47.0 (70%) | -20.0 | -20.7 | 48.2 | 17.04 | 47.9 | 17.16 | 47.0 | 17.01 | 45.4 | 16.38 | 43.7 | 15.78 | 40.3 | 14.55 | 37.0 | 13.32 |
| | -15.0 | -16.0 | 53.8 | 17.49 | 50.4 | 16.38 | 47.0 | 15.24 | 45.4 | 14.70 | 43.7 | 14.13 | 40.3 | 13.05 | 37.0 | 11.97 |
| | -12.0 | -13.0 | 53.8 | 16.38 | 50.4 | 15.33 | 47.0 | 14.28 | 45.4 | 13.77 | 43.7 | 13.26 | 40.3 | 12.24 | 37.0 | 11.22 |
| | -9.0 | -10.0 | 53.8 | 15.36 | 50.4 | 14.37 | 47.0 | 13.41 | 45.4 | 12.93 | 43.7 | 12.45 | 40.3 | 11.49 | 37.0 | 10.56 |
| | -7.0 | -8.0 | 53.8 | 14.76 | 50.4 | 13.80 | 47.0 | 12.87 | 45.4 | 12.42 | 43.7 | 11.97 | 40.3 | 11.04 | 37.0 | 10.17 |
| | -5.0 | -6.0 | 53.8 | 14.16 | 50.4 | 13.26 | 47.0 | 12.39 | 45.4 | 11.94 | 43.7 | 11.49 | 40.3 | 10.62 | 37.0 | 9.78 |
| | -3.0 | -4.0 | 53.8 | 13.62 | 50.4 | 12.75 | 47.0 | 11.91 | 45.4 | 11.49 | 43.7 | 11.07 | 40.3 | 10.23 | 37.0 | 9.42 |
| | -1.0 | -2.0 | 53.8 | 13.11 | 50.4 | 12.27 | 47.0 | 11.46 | 45.4 | 11.04 | 43.7 | 10.65 | 40.3 | 9.84 | 37.0 | 9.06 |
| | 0.0 | -1.0 | 53.8 | 12.87 | 50.4 | 12.06 | 47.0 | 11.25 | 45.4 | 10.86 | 43.7 | 10.44 | 40.3 | 9.66 | 37.0 | 8.91 |
| | 2.0 | 1.0 | 53.8 | 12.39 | 50.4 | 11.61 | 47.0 | 10.83 | 45.4 | 10.44 | 43.7 | 10.08 | 40.3 | 9.33 | 37.0 | 8.58 |
| | 5.0 | 4.0 | 53.8 | 11.70 | 50.4 | 10.98 | 47.0 | 10.26 | 45.4 | 9.90 | 43.7 | 9.54 | 40.3 | 8.82 | 37.0 | 8.13 |
| | 7.0 | 6.0 | 53.8 | 11.28 | 50.4 | 10.59 | 47.0 | 9.90 | 45.4 | 9.54 | 43.7 | 9.21 | 40.3 | 8.52 | 37.0 | 7.86 |
| | 9.0 | 7.8 | 53.8 | 10.92 | 50.4 | 10.26 | 47.0 | 9.57 | 45.4 | 9.24 | 43.7 | 8.91 | 40.3 | 8.25 | 37.0 | 7.62 |
| | 12.0 | 10.6 | 53.8 | 10.38 | 50.4 | 9.75 | 47.0 | 9.12 | 45.4 | 8.79 | 43.7 | 8.49 | 40.3 | 7.86 | 37.0 | 7.26 |
| | 15.0 | 13.5 | 53.8 | 9.87 | 50.4 | 9.27 | 47.0 | 8.67 | 45.4 | 8.37 | 43.7 | 8.07 | 40.3 | 7.47 | 37.0 | 6.90 |
| 40.3 (60%) | -20.0 | -20.7 | 46.1 | 16.65 | 43.2 | 15.60 | 40.3 | 14.55 | 38.9 | 14.01 | 37.4 | 13.50 | 34.6 | 12.48 | 31.7 | 11.46 |
| | -15.0 | -16.0 | 46.1 | 14.94 | 43.2 | 13.98 | 40.3 | 13.05 | 38.9 | 12.60 | 37.4 | 12.12 | 34.6 | 11.22 | 31.7 | 10.32 |
| | -12.0 | -13.0 | 46.1 | 13.98 | 43.2 | 13.11 | 40.3 | 12.24 | 38.9 | 11.82 | 37.4 | 11.37 | 34.6 | 10.53 | 31.7 | 9.69 |
| | -9.0 | -10.0 | 46.1 | 13.14 | 43.2 | 12.33 | 40.3 | 11.49 | 38.9 | 11.10 | 37.4 | 10.71 | 34.6 | 9.90 | 31.7 | 9.12 |
| | -7.0 | -8.0 | 46.1 | 12.60 | 43.2 | 11.82 | 40.3 | 11.04 | 38.9 | 10.68 | 37.4 | 10.29 | 34.6 | 9.51 | 31.7 | 8.76 |
| | -5.0 | -6.0 | 46.1 | 12.12 | 43.2 | 11.37 | 40.3 | 10.62 | 38.9 | 10.26 | 37.4 | 9.90 | 34.6 | 9.18 | 31.7 | 8.46 |
| | -3.0 | -4.0 | 46.1 | 11.67 | 43.2 | 10.95 | 40.3 | 10.23 | 38.9 | 9.87 | 37.4 | 9.54 | 34.6 | 8.82 | 31.7 | 8.13 |
| | -1.0 | -2.0 | 46.1 | 11.22 | 43.2 | 10.53 | 40.3 | 9.84 | 38.9 | 9.51 | 37.4 | 9.18 | 34.6 | 8.52 | 31.7 | 7.86 |
| | 0.0 | -1.0 | 46.1 | 11.01 | 43.2 | 10.35 | 40.3 | 9.66 | 38.9 | 9.33 | 37.4 | 9.00 | 34.6 | 8.37 | 31.7 | 7.71 |
| | 2.0 | 1.0 | 46.1 | 10.62 | 43.2 | 9.96 | 40.3 | 9.33 | 38.9 | 9.00 | 37.4 | 8.70 | 34.6 | 8.07 | 31.7 | 7.44 |
| | 5.0 | 4.0 | 46.1 | 10.05 | 43.2 | 9.45 | 40.3 | 8.82 | 38.9 | 8.52 | 37.4 | 8.22 | 34.6 | 7.65 | 31.7 | 7.05 |
| | 7.0 | 6.0 | 46.1 | 9.69 | 43.2 | 9.12 | 40.3 | 8.52 | 38.9 | 8.25 | 37.4 | 7.95 | 34.6 | 7.38 | 31.7 | 6.81 |
| | 9.0 | 7.8 | 46.1 | 9.39 | 43.2 | 8.82 | 40.3 | 8.25 | 38.9 | 7.98 | 37.4 | 7.71 | 34.6 | 7.14 | 31.7 | 6.60 |
| | 12.0 | 10.6 | 46.1 | 8.94 | 43.2 | 8.40 | 40.3 | 7.86 | 38.9 | 7.59 | 37.4 | 7.35 | 34.6 | 6.81 | 31.7 | 6.30 |
| | 15.0 | 13.5 | 46.1 | 8.49 | 43.2 | 7.98 | 40.3 | 7.47 | 38.9 | 7.23 | 37.4 | 6.99 | 34.6 | 6.48 | 31.7 | 6.00 |

| Heating capacity at rated condition: 75.0 kW (24HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 33.6 (50%) | -20.0 | -20.7 | 38.4 | 13.86 | 36.0 | 12.99 | 33.6 | 12.15 | 32.4 | 11.70 | 31.2 | 11.28 | 28.8 | 10.47 | 26.4 | 9.63 |
| | -15.0 | -16.0 | 38.4 | 12.45 | 36.0 | 11.67 | 33.6 | 10.92 | 32.4 | 10.53 | 31.2 | 10.17 | 28.8 | 9.42 | 26.4 | 8.67 |
| | -12.0 | -13.0 | 38.4 | 11.67 | 36.0 | 10.95 | 33.6 | 10.23 | 32.4 | 9.90 | 31.2 | 9.54 | 28.8 | 8.85 | 26.4 | 8.16 |
| | -9.0 | -10.0 | 38.4 | 10.98 | 36.0 | 10.29 | 33.6 | 9.63 | 32.4 | 9.33 | 31.2 | 9.00 | 28.8 | 8.34 | 26.4 | 7.71 |
| | -7.0 | -8.0 | 38.4 | 10.53 | 36.0 | 9.90 | 33.6 | 9.27 | 32.4 | 8.97 | 31.2 | 8.64 | 28.8 | 8.04 | 26.4 | 7.41 |
| | -5.0 | -6.0 | 38.4 | 10.14 | 36.0 | 9.54 | 33.6 | 8.94 | 32.4 | 8.61 | 31.2 | 8.34 | 28.8 | 7.74 | 26.4 | 7.14 |
| | -3.0 | -4.0 | 38.4 | 9.75 | 36.0 | 9.18 | 33.6 | 8.61 | 32.4 | 8.31 | 31.2 | 8.01 | 28.8 | 7.44 | 26.4 | 6.90 |
| | -1.0 | -2.0 | 38.4 | 9.39 | 36.0 | 8.85 | 33.6 | 8.28 | 32.4 | 8.01 | 31.2 | 7.74 | 28.8 | 7.20 | 26.4 | 6.66 |
| | 0.0 | -1.0 | 38.4 | 9.24 | 36.0 | 8.67 | 33.6 | 8.13 | 32.4 | 7.86 | 31.2 | 7.59 | 28.8 | 7.05 | 26.4 | 6.54 |
| | 2.0 | 1.0 | 38.4 | 8.91 | 36.0 | 8.37 | 33.6 | 7.86 | 32.4 | 7.59 | 31.2 | 7.32 | 28.8 | 6.81 | 26.4 | 6.30 |
| | 5.0 | 4.0 | 38.4 | 8.43 | 36.0 | 7.95 | 33.6 | 7.44 | 32.4 | 7.20 | 31.2 | 6.96 | 28.8 | 6.48 | 26.4 | 6.00 |
| | 7.0 | 6.0 | 38.4 | 8.13 | 36.0 | 7.65 | 33.6 | 7.20 | 32.4 | 6.96 | 31.2 | 6.72 | 28.8 | 6.27 | 26.4 | 5.79 |
| | 9.0 | 7.8 | 38.4 | 7.89 | 36.0 | 7.44 | 33.6 | 6.96 | 32.4 | 6.75 | 31.2 | 6.51 | 28.8 | 6.06 | 26.4 | 5.64 |
| | 12.0 | 10.6 | 38.4 | 7.50 | 36.0 | 7.08 | 33.6 | 6.66 | 32.4 | 6.42 | 31.2 | 6.21 | 28.8 | 5.79 | 26.4 | 5.37 |
| | 15.0 | 13.5 | 38.4 | 7.14 | 36.0 | 6.75 | 33.6 | 6.33 | 32.4 | 6.12 | 31.2 | 5.94 | 28.8 | 5.52 | 26.4 | 5.13 |

# ■ Model: AJ∗234GALDHH

| Heating capacity at rated condition: 81.5 kW (26HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 109.2 (150%) | -20.0 | -20.7 | 53.4 | 17.56 | 53.0 | 17.71 | 52.7 | 17.84 | 52.5 | 17.90 | 52.4 | 17.96 | 52.0 | 18.09 | 51.7 | 18.22 |
| | -15.0 | -16.0 | 61.2 | 18.11 | 60.8 | 18.27 | 60.5 | 18.43 | 60.3 | 18.50 | 60.1 | 18.59 | 59.8 | 18.74 | 59.3 | 18.90 |
| | -12.0 | -13.0 | 66.3 | 18.46 | 65.9 | 18.64 | 65.6 | 18.80 | 65.4 | 18.89 | 65.1 | 18.98 | 64.8 | 19.15 | 64.4 | 19.33 |
| | -9.0 | -10.0 | 71.6 | 18.80 | 71.2 | 18.99 | 70.7 | 19.17 | 70.5 | 19.27 | 70.4 | 19.36 | 69.9 | 19.55 | 69.5 | 19.74 |
| | -7.0 | -8.0 | 75.2 | 19.02 | 74.7 | 19.21 | 74.2 | 19.42 | 74.0 | 19.52 | 73.8 | 19.61 | 73.3 | 19.80 | 72.8 | 20.02 |
| | -5.0 | -6.0 | 78.7 | 19.24 | 78.2 | 19.45 | 77.7 | 19.65 | 77.5 | 19.76 | 77.3 | 19.86 | 76.8 | 20.08 | 76.3 | 20.27 |
| | -3.0 | -4.0 | 82.3 | 19.46 | 81.8 | 19.67 | 81.3 | 19.89 | 81.0 | 20.01 | 80.8 | 20.11 | 80.3 | 20.33 | 79.7 | 20.55 |
| | -1.0 | -2.0 | 85.9 | 19.68 | 85.4 | 19.90 | 84.8 | 20.14 | 84.6 | 20.24 | 84.3 | 20.36 | 83.7 | 20.58 | 83.2 | 20.80 |
| | 0.0 | -1.0 | 87.7 | 19.79 | 87.2 | 20.02 | 86.6 | 20.24 | 86.4 | 20.36 | 86.0 | 20.48 | 85.5 | 20.70 | 84.9 | 20.93 |
| | 2.0 | 1.0 | 91.4 | 20.01 | 90.7 | 20.24 | 90.2 | 20.48 | 89.9 | 20.58 | 89.5 | 20.71 | 89.0 | 20.95 | 85.8 | 20.37 |
| | 5.0 | 4.0 | 96.8 | 20.30 | 96.2 | 20.55 | 95.5 | 20.80 | 95.2 | 20.93 | 94.8 | 21.05 | 93.3 | 21.04 | 85.8 | 19.19 |
| | 7.0 | 6.0 | 100.5 | 20.52 | 99.8 | 20.77 | 99.1 | 21.02 | 98.8 | 21.14 | 98.4 | 21.27 | 93.6 | 20.30 | 85.8 | 18.44 |
| | 9.0 | 7.8 | 103.8 | 20.70 | 103.1 | 20.95 | 102.3 | 21.21 | 101.9 | 21.33 | 101.1 | 21.32 | 93.6 | 19.60 | 85.8 | 17.82 |
| | 12.0 | 10.6 | 108.9 | 20.96 | 108.0 | 21.24 | 107.3 | 21.49 | 105.3 | 21.18 | 101.4 | 20.30 | 93.6 | 18.55 | 85.8 | 16.87 |
| | 15.0 | 13.5 | 114.1 | 21.24 | 113.3 | 21.50 | 109.2 | 20.86 | 105.3 | 20.03 | 101.4 | 19.18 | 93.6 | 17.56 | 85.8 | 15.96 |
| 101.9 (140%) | -20.0 | -20.7 | 53.2 | 17.64 | 52.9 | 17.77 | 52.5 | 17.90 | 52.4 | 17.96 | 52.2 | 18.03 | 51.9 | 18.15 | 51.5 | 18.28 |
| | -15.0 | -16.0 | 61.0 | 18.20 | 60.6 | 18.36 | 60.3 | 18.52 | 60.1 | 18.59 | 59.9 | 18.68 | 59.5 | 18.83 | 59.1 | 18.99 |
| | -12.0 | -13.0 | 66.1 | 18.55 | 65.8 | 18.74 | 65.3 | 18.90 | 65.1 | 18.99 | 64.9 | 19.08 | 64.6 | 19.24 | 64.1 | 19.43 |
| | -9.0 | -10.0 | 71.3 | 18.92 | 70.9 | 19.11 | 70.5 | 19.30 | 70.2 | 19.39 | 70.0 | 19.48 | 69.6 | 19.67 | 69.2 | 19.86 |
| | -7.0 | -8.0 | 74.9 | 19.17 | 74.4 | 19.36 | 73.9 | 19.55 | 73.7 | 19.64 | 73.5 | 19.74 | 73.0 | 19.95 | 72.5 | 20.14 |
| | -5.0 | -6.0 | 78.3 | 19.39 | 77.8 | 19.60 | 77.4 | 19.80 | 77.2 | 19.92 | 77.0 | 20.01 | 76.5 | 20.21 | 76.0 | 20.42 |
| | -3.0 | -4.0 | 81.9 | 19.63 | 81.4 | 19.83 | 80.9 | 20.05 | 80.6 | 20.17 | 80.4 | 20.27 | 79.9 | 20.49 | 79.2 | 20.64 |
| | -1.0 | -2.0 | 85.5 | 19.86 | 84.9 | 20.08 | 84.4 | 20.30 | 84.1 | 20.42 | 83.9 | 20.52 | 83.3 | 20.76 | 80.1 | 20.09 |
| | 0.0 | -1.0 | 87.3 | 19.98 | 86.7 | 20.20 | 86.2 | 20.42 | 85.9 | 20.54 | 85.6 | 20.64 | 85.0 | 20.89 | 80.1 | 19.70 |
| | 2.0 | 1.0 | 90.9 | 20.20 | 90.2 | 20.42 | 89.7 | 20.67 | 89.4 | 20.79 | 89.0 | 20.89 | 87.3 | 20.76 | 80.1 | 18.90 |
| | 5.0 | 4.0 | 96.3 | 20.52 | 95.6 | 20.77 | 94.9 | 21.02 | 94.6 | 21.14 | 94.0 | 21.19 | 87.4 | 19.58 | 80.1 | 17.80 |
| | 7.0 | 6.0 | 99.8 | 20.74 | 99.1 | 20.99 | 98.5 | 21.24 | 97.8 | 21.29 | 94.6 | 20.55 | 87.4 | 18.81 | 80.1 | 17.11 |
| | 9.0 | 7.8 | 103.1 | 20.93 | 102.4 | 21.20 | 101.4 | 21.39 | 98.3 | 20.69 | 94.6 | 19.84 | 87.4 | 18.16 | 80.1 | 16.53 |
| | 12.0 | 10.6 | 108.0 | 21.23 | 107.3 | 21.49 | 101.9 | 20.40 | 98.3 | 19.60 | 94.6 | 18.78 | 87.4 | 17.20 | 80.1 | 15.65 |
| | 15.0 | 13.5 | 113.3 | 21.52 | 109.2 | 20.86 | 101.9 | 19.31 | 98.3 | 18.53 | 94.6 | 17.77 | 87.4 | 16.28 | 80.1 | 14.83 |
| 94.6 (130%) | -20.0 | -20.7 | 53.0 | 17.71 | 52.7 | 17.84 | 52.3 | 17.96 | 52.2 | 18.03 | 52.0 | 18.09 | 51.7 | 18.22 | 51.4 | 18.37 |
| | -15.0 | -16.0 | 60.8 | 18.30 | 60.3 | 18.46 | 60.0 | 18.61 | 59.8 | 18.68 | 59.7 | 18.77 | 59.3 | 18.93 | 58.9 | 19.09 |
| | -12.0 | -13.0 | 65.8 | 18.68 | 65.4 | 18.86 | 65.1 | 19.02 | 64.9 | 19.11 | 64.6 | 19.20 | 64.3 | 19.37 | 63.9 | 19.55 |
| | -9.0 | -10.0 | 71.0 | 19.05 | 70.6 | 19.24 | 70.1 | 19.43 | 69.9 | 19.52 | 69.7 | 19.61 | 69.3 | 19.80 | 68.9 | 19.99 |
| | -7.0 | -8.0 | 74.5 | 19.32 | 74.0 | 19.51 | 73.6 | 19.70 | 73.3 | 19.80 | 73.2 | 19.89 | 72.7 | 20.11 | 72.2 | 20.30 |
| | -5.0 | -6.0 | 78.0 | 19.57 | 77.5 | 19.76 | 77.0 | 19.98 | 76.8 | 20.08 | 76.5 | 20.17 | 76.0 | 20.39 | 74.2 | 20.12 |
| | -3.0 | -4.0 | 81.5 | 19.80 | 81.0 | 20.02 | 80.5 | 20.23 | 80.2 | 20.35 | 79.9 | 20.45 | 79.4 | 20.67 | 74.4 | 19.35 |
| | -1.0 | -2.0 | 85.0 | 20.05 | 84.4 | 20.27 | 83.9 | 20.51 | 83.6 | 20.61 | 83.4 | 20.73 | 81.1 | 20.39 | 74.4 | 18.55 |
| | 0.0 | -1.0 | 86.8 | 20.17 | 86.2 | 20.39 | 85.6 | 20.64 | 85.4 | 20.74 | 85.1 | 20.86 | 81.1 | 19.97 | 74.4 | 18.17 |
| | 2.0 | 1.0 | 90.3 | 20.42 | 89.7 | 20.64 | 89.1 | 20.89 | 88.8 | 21.01 | 87.6 | 20.83 | 81.1 | 19.17 | 74.4 | 17.45 |
| | 5.0 | 4.0 | 95.6 | 20.77 | 95.0 | 21.02 | 94.0 | 21.18 | 91.3 | 20.55 | 87.9 | 19.69 | 81.1 | 18.06 | 74.4 | 16.44 |
| | 7.0 | 6.0 | 99.1 | 21.01 | 98.4 | 21.26 | 94.6 | 20.55 | 91.3 | 19.73 | 87.9 | 18.93 | 81.1 | 17.35 | 74.4 | 15.82 |
| | 9.0 | 7.8 | 102.3 | 21.21 | 101.1 | 21.32 | 94.6 | 19.84 | 91.3 | 19.05 | 87.9 | 18.28 | 81.1 | 16.76 | 74.4 | 15.27 |
| | 12.0 | 10.6 | 107.2 | 21.52 | 101.4 | 20.30 | 94.6 | 18.78 | 91.3 | 18.05 | 87.9 | 17.32 | 81.1 | 15.88 | 74.4 | 14.47 |
| | 15.0 | 13.5 | 108.2 | 20.64 | 101.4 | 19.18 | 94.6 | 17.77 | 91.3 | 17.07 | 87.9 | 16.38 | 81.1 | 15.03 | 74.4 | 13.69 |
| 87.3 (120%) | -20.0 | -20.7 | 52.8 | 17.80 | 52.4 | 17.92 | 52.1 | 18.05 | 51.9 | 18.12 | 51.7 | 18.18 | 51.4 | 18.31 | 51.1 | 18.44 |
| | -15.0 | -16.0 | 60.5 | 18.42 | 60.1 | 18.58 | 59.8 | 18.73 | 59.6 | 18.80 | 59.4 | 18.89 | 59.0 | 19.05 | 58.6 | 19.21 |
| | -12.0 | -13.0 | 65.5 | 18.82 | 65.1 | 18.99 | 64.7 | 19.17 | 64.6 | 19.24 | 64.4 | 19.33 | 63.9 | 19.51 | 63.6 | 19.68 |
| | -9.0 | -10.0 | 70.6 | 19.23 | 70.2 | 19.42 | 69.8 | 19.60 | 69.6 | 19.70 | 69.4 | 19.79 | 68.9 | 19.98 | 67.8 | 19.93 |
| | -7.0 | -8.0 | 74.0 | 19.48 | 73.7 | 19.69 | 73.2 | 19.89 | 73.0 | 19.98 | 72.7 | 20.08 | 72.3 | 20.27 | 68.6 | 19.35 |
| | -5.0 | -6.0 | 77.5 | 19.76 | 77.0 | 19.95 | 76.6 | 20.17 | 76.3 | 20.26 | 76.1 | 20.38 | 74.5 | 20.20 | 68.6 | 18.53 |
| | -3.0 | -4.0 | 81.0 | 20.01 | 80.5 | 20.23 | 80.0 | 20.45 | 79.7 | 20.55 | 79.4 | 20.67 | 74.9 | 19.49 | 68.6 | 17.76 |
| | -1.0 | -2.0 | 84.4 | 20.29 | 83.9 | 20.51 | 83.4 | 20.73 | 83.1 | 20.85 | 81.1 | 20.39 | 74.9 | 18.69 | 68.6 | 17.05 |
| | 0.0 | -1.0 | 86.2 | 20.42 | 85.6 | 20.64 | 85.1 | 20.86 | 83.8 | 20.68 | 81.1 | 19.97 | 74.9 | 18.31 | 68.6 | 16.70 |
| | 2.0 | 1.0 | 89.7 | 20.67 | 89.0 | 20.91 | 87.3 | 20.76 | 84.2 | 19.97 | 81.1 | 19.17 | 74.9 | 17.58 | 68.6 | 16.04 |
| | 5.0 | 4.0 | 94.8 | 21.07 | 93.4 | 21.04 | 87.3 | 19.58 | 84.2 | 18.80 | 81.1 | 18.06 | 74.9 | 16.57 | 68.6 | 15.11 |
| | 7.0 | 6.0 | 98.3 | 21.32 | 93.6 | 20.30 | 87.3 | 18.81 | 84.2 | 18.08 | 81.1 | 17.35 | 74.9 | 15.93 | 68.6 | 14.53 |
| | 9.0 | 7.8 | 99.8 | 21.06 | 93.6 | 19.60 | 87.3 | 18.16 | 84.2 | 17.46 | 81.1 | 16.76 | 74.9 | 15.38 | 68.6 | 14.03 |
| | 12.0 | 10.6 | 99.8 | 19.94 | 93.6 | 18.55 | 87.3 | 17.20 | 84.2 | 16.54 | 81.1 | 15.88 | 74.9 | 14.59 | 68.6 | 13.31 |
| | 15.0 | 13.5 | 99.8 | 18.85 | 93.6 | 17.56 | 87.3 | 16.28 | 84.2 | 15.66 | 81.1 | 15.03 | 74.9 | 13.81 | 68.6 | 12.60 |
| 80.0 (110%) | -20.0 | -20.7 | 52.6 | 17.89 | 52.2 | 18.02 | 51.9 | 18.15 | 51.7 | 18.21 | 51.5 | 18.27 | 51.2 | 18.40 | 50.9 | 18.53 |
| | -15.0 | -16.0 | 60.2 | 18.55 | 59.8 | 18.71 | 59.4 | 18.86 | 59.3 | 18.95 | 59.1 | 19.02 | 58.8 | 19.18 | 58.3 | 19.33 |
| | -12.0 | -13.0 | 65.1 | 18.98 | 64.8 | 19.16 | 64.4 | 19.33 | 64.1 | 19.42 | 63.9 | 19.49 | 63.6 | 19.67 | 62.2 | 19.49 |
| | -9.0 | -10.0 | 70.2 | 19.42 | 69.7 | 19.60 | 69.3 | 19.79 | 69.2 | 19.88 | 68.9 | 19.98 | 67.8 | 19.93 | 62.9 | 18.45 |
| | -7.0 | -8.0 | 73.6 | 19.70 | 73.2 | 19.89 | 72.7 | 20.10 | 72.5 | 20.19 | 72.2 | 20.29 | 68.6 | 19.35 | 62.9 | 17.64 |
| | -5.0 | -6.0 | 77.0 | 19.98 | 76.5 | 20.19 | 76.0 | 20.39 | 75.8 | 20.51 | 74.2 | 20.12 | 68.6 | 18.53 | 62.9 | 16.89 |
| | -3.0 | -4.0 | 80.4 | 20.26 | 79.9 | 20.48 | 79.2 | 20.64 | 77.2 | 20.16 | 74.4 | 19.35 | 68.6 | 17.76 | 62.9 | 16.21 |
| | -1.0 | -2.0 | 83.8 | 20.57 | 83.2 | 20.79 | 80.0 | 20.09 | 77.2 | 19.32 | 74.4 | 18.55 | 68.6 | 17.05 | 62.9 | 15.55 |
| | 0.0 | -1.0 | 85.4 | 20.70 | 84.9 | 20.92 | 80.0 | 19.70 | 77.2 | 18.93 | 74.4 | 18.17 | 68.6 | 16.70 | 62.9 | 15.24 |
| | 2.0 | 1.0 | 88.9 | 20.98 | 85.8 | 20.37 | 80.0 | 18.90 | 77.2 | 18.17 | 74.4 | 17.45 | 68.6 | 16.04 | 62.9 | 14.65 |
| | 5.0 | 4.0 | 91.5 | 20.61 | 85.8 | 19.19 | 80.0 | 17.80 | 77.2 | 17.11 | 74.4 | 16.44 | 68.6 | 15.11 | 62.9 | 13.80 |
| | 7.0 | 6.0 | 91.5 | 19.80 | 85.8 | 18.44 | 80.0 | 17.11 | 77.2 | 16.46 | 74.4 | 15.82 | 68.6 | 14.53 | 62.9 | 13.28 |
| | 9.0 | 7.8 | 91.5 | 19.11 | 85.8 | 17.82 | 80.0 | 16.53 | 77.2 | 15.90 | 74.4 | 15.27 | 68.6 | 14.03 | 62.9 | 12.83 |
| | 12.0 | 10.6 | 91.5 | 18.11 | 85.8 | 16.87 | 80.0 | 15.65 | 77.2 | 15.06 | 74.4 | 14.47 | 68.6 | 13.31 | 62.9 | 12.16 |
| | 15.0 | 13.5 | 91.5 | 17.13 | 85.8 | 15.96 | 80.0 | 14.83 | 77.2 | 14.25 | 74.4 | 13.69 | 68.6 | 12.60 | 62.9 | 11.52 |

MODEL SELECTION

| Heating capacity at rated condition: 81.5 kW (26HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 72.8 (100%) | -20.0 | -20.7 | 52.1 | 17.97 | 51.8 | 18.12 | 51.5 | 18.25 | 51.3 | 18.31 | 51.1 | 18.38 | 50.8 | 18.52 | 50.5 | 18.65 |
| | -15.0 | -16.0 | 59.7 | 18.71 | 59.4 | 18.88 | 59.0 | 19.04 | 58.8 | 19.11 | 58.7 | 19.20 | 58.3 | 19.35 | 56.7 | 19.01 |
| | -12.0 | -13.0 | 64.8 | 19.19 | 64.4 | 19.37 | 64.0 | 19.53 | 63.8 | 19.62 | 63.6 | 19.72 | 61.9 | 19.42 | 57.2 | 17.90 |
| | -9.0 | -10.0 | 69.7 | 19.67 | 69.3 | 19.86 | 68.9 | 20.05 | 68.7 | 20.14 | 67.2 | 19.76 | 62.4 | 18.30 | 57.2 | 16.72 |
| | -7.0 | -8.0 | 73.1 | 19.99 | 72.6 | 20.20 | 71.9 | 20.27 | 70.2 | 19.82 | 67.6 | 19.06 | 62.4 | 17.52 | 57.2 | 15.98 |
| | -5.0 | -6.0 | 76.4 | 20.32 | 76.0 | 20.53 | 72.8 | 19.76 | 70.2 | 18.99 | 67.6 | 18.25 | 62.4 | 16.78 | 57.2 | 15.31 |
| | -3.0 | -4.0 | 79.8 | 20.63 | 77.8 | 20.32 | 72.8 | 18.92 | 70.2 | 18.21 | 67.6 | 17.48 | 62.4 | 16.08 | 57.2 | 14.68 |
| | -1.0 | -2.0 | 82.5 | 20.74 | 78.0 | 19.55 | 72.8 | 18.15 | 70.2 | 17.45 | 67.6 | 16.78 | 62.4 | 15.42 | 57.2 | 14.09 |
| | 0.0 | -1.0 | 83.2 | 20.53 | 78.0 | 19.14 | 72.8 | 17.77 | 70.2 | 17.10 | 67.6 | 16.43 | 62.4 | 15.11 | 57.2 | 13.81 |
| | 2.0 | 1.0 | 83.2 | 19.70 | 78.0 | 18.37 | 72.8 | 17.07 | 70.2 | 16.41 | 67.6 | 15.78 | 62.4 | 14.52 | 57.2 | 13.27 |
| | 5.0 | 4.0 | 83.2 | 18.56 | 78.0 | 17.30 | 72.8 | 16.08 | 70.2 | 15.48 | 67.6 | 14.88 | 62.4 | 13.69 | 57.2 | 12.51 |
| | 7.0 | 6.0 | 83.2 | 17.84 | 78.0 | 16.65 | 72.8 | 15.46 | 70.2 | 14.87 | 67.6 | 14.30 | 62.4 | 13.15 | 57.2 | 12.05 |
| | 9.0 | 7.8 | 83.2 | 17.22 | 78.0 | 16.07 | 72.8 | 14.92 | 70.2 | 14.36 | 67.6 | 13.82 | 62.4 | 12.71 | 57.2 | 11.65 |
| | 12.0 | 10.6 | 83.2 | 16.31 | 78.0 | 15.22 | 72.8 | 14.14 | 70.2 | 13.61 | 67.6 | 13.09 | 62.4 | 12.06 | 57.2 | 11.04 |
| | 15.0 | 13.5 | 83.2 | 15.43 | 78.0 | 14.41 | 72.8 | 13.39 | 70.2 | 12.90 | 67.6 | 12.41 | 62.4 | 11.42 | 57.2 | 10.47 |
| 65.5 (90%) | -20.0 | -20.7 | 51.9 | 18.14 | 51.6 | 18.27 | 51.2 | 18.40 | 51.1 | 18.46 | 50.9 | 18.54 | 50.6 | 18.67 | 50.1 | 18.74 |
| | -15.0 | -16.0 | 59.3 | 18.91 | 59.0 | 19.07 | 58.6 | 19.23 | 58.5 | 19.30 | 58.3 | 19.38 | 56.0 | 18.78 | 51.5 | 17.22 |
| | -12.0 | -13.0 | 64.1 | 19.41 | 63.8 | 19.57 | 63.4 | 19.76 | 62.4 | 19.53 | 60.8 | 19.07 | 56.2 | 17.54 | 51.5 | 16.03 |
| | -9.0 | -10.0 | 69.1 | 19.91 | 68.7 | 20.10 | 65.5 | 19.26 | 63.2 | 18.52 | 60.8 | 17.81 | 56.2 | 16.37 | 51.5 | 14.98 |
| | -7.0 | -8.0 | 72.3 | 20.25 | 70.2 | 19.80 | 65.5 | 18.43 | 63.2 | 17.73 | 60.8 | 17.03 | 56.2 | 15.68 | 51.5 | 14.34 |
| | -5.0 | -6.0 | 74.5 | 20.19 | 70.2 | 18.99 | 65.5 | 17.63 | 63.2 | 16.98 | 60.8 | 16.32 | 56.2 | 15.02 | 51.5 | 13.75 |
| | -3.0 | -4.0 | 74.9 | 19.49 | 70.2 | 18.19 | 65.5 | 16.92 | 63.2 | 16.28 | 60.8 | 15.65 | 56.2 | 14.41 | 51.5 | 13.19 |
| | -1.0 | -2.0 | 74.9 | 18.69 | 70.2 | 17.45 | 65.5 | 16.22 | 63.2 | 15.62 | 60.8 | 15.02 | 56.2 | 13.83 | 51.5 | 12.66 |
| | 0.0 | -1.0 | 74.9 | 18.31 | 70.2 | 17.10 | 65.5 | 15.90 | 63.2 | 15.31 | 60.8 | 14.71 | 56.2 | 13.55 | 51.5 | 12.42 |
| | 2.0 | 1.0 | 74.9 | 17.58 | 70.2 | 16.41 | 65.5 | 15.28 | 63.2 | 14.69 | 60.8 | 14.13 | 56.2 | 13.03 | 51.5 | 11.93 |
| | 5.0 | 4.0 | 74.9 | 16.57 | 70.2 | 15.48 | 65.5 | 14.39 | 63.2 | 13.86 | 60.8 | 13.33 | 56.2 | 12.28 | 51.5 | 11.25 |
| | 7.0 | 6.0 | 74.9 | 15.93 | 70.2 | 14.87 | 65.5 | 13.84 | 63.2 | 13.34 | 60.8 | 12.82 | 56.2 | 11.83 | 51.5 | 10.84 |
| | 9.0 | 7.8 | 74.9 | 15.38 | 70.2 | 14.38 | 65.5 | 13.37 | 63.2 | 12.88 | 60.8 | 12.40 | 56.2 | 11.42 | 51.5 | 10.47 |
| | 12.0 | 10.6 | 74.9 | 14.59 | 70.2 | 13.63 | 65.5 | 12.69 | 63.2 | 12.22 | 60.8 | 11.76 | 56.2 | 10.85 | 51.5 | 9.95 |
| | 15.0 | 13.5 | 74.9 | 13.81 | 70.2 | 12.90 | 65.5 | 12.01 | 63.2 | 11.58 | 60.8 | 11.13 | 56.2 | 10.28 | 51.5 | 9.43 |
| 58.2 (80%) | -20.0 | -20.7 | 51.4 | 18.32 | 51.1 | 18.45 | 50.8 | 18.58 | 50.6 | 18.64 | 50.4 | 18.71 | 49.1 | 18.39 | 45.8 | 17.18 |
| | -15.0 | -16.0 | 58.8 | 19.16 | 58.5 | 19.32 | 57.4 | 19.17 | 56.0 | 18.78 | 54.1 | 18.11 | 49.9 | 16.68 | 45.8 | 15.25 |
| | -12.0 | -13.0 | 63.5 | 19.69 | 61.9 | 19.37 | 58.2 | 18.22 | 56.2 | 17.54 | 54.1 | 16.87 | 49.9 | 15.52 | 45.8 | 14.21 |
| | -9.0 | -10.0 | 66.6 | 19.57 | 62.4 | 18.28 | 58.2 | 17.01 | 56.2 | 16.37 | 54.1 | 15.76 | 49.9 | 14.52 | 45.8 | 13.28 |
| | -7.0 | -8.0 | 66.6 | 18.74 | 62.4 | 17.50 | 58.2 | 16.29 | 56.2 | 15.68 | 54.1 | 15.08 | 49.9 | 13.89 | 45.8 | 12.74 |
| | -5.0 | -6.0 | 66.6 | 17.93 | 62.4 | 16.76 | 58.2 | 15.59 | 56.2 | 15.02 | 54.1 | 14.45 | 49.9 | 13.32 | 45.8 | 12.21 |
| | -3.0 | -4.0 | 66.6 | 17.19 | 62.4 | 16.06 | 58.2 | 14.95 | 56.2 | 14.41 | 54.1 | 13.86 | 49.9 | 12.78 | 45.8 | 11.72 |
| | -1.0 | -2.0 | 66.6 | 16.49 | 62.4 | 15.42 | 58.2 | 14.36 | 56.2 | 13.83 | 54.1 | 13.30 | 49.9 | 12.27 | 45.8 | 11.26 |
| | 0.0 | -1.0 | 66.6 | 16.17 | 62.4 | 15.11 | 58.2 | 14.08 | 56.2 | 13.55 | 54.1 | 13.05 | 49.9 | 12.03 | 45.8 | 11.03 |
| | 2.0 | 1.0 | 66.6 | 15.52 | 62.4 | 14.52 | 58.2 | 13.52 | 56.2 | 13.03 | 54.1 | 12.53 | 49.9 | 11.57 | 45.8 | 10.61 |
| | 5.0 | 4.0 | 66.6 | 14.62 | 62.4 | 13.69 | 58.2 | 12.74 | 56.2 | 12.28 | 54.1 | 11.82 | 49.9 | 10.92 | 45.8 | 10.03 |
| | 7.0 | 6.0 | 66.6 | 14.07 | 62.4 | 13.15 | 58.2 | 12.26 | 56.2 | 11.83 | 54.1 | 11.39 | 49.9 | 10.51 | 45.8 | 9.66 |
| | 9.0 | 7.8 | 66.6 | 13.59 | 62.4 | 12.71 | 58.2 | 11.85 | 56.2 | 11.42 | 54.1 | 11.00 | 49.9 | 10.17 | 45.8 | 9.34 |
| | 12.0 | 10.6 | 66.6 | 12.89 | 62.4 | 12.06 | 58.2 | 11.24 | 56.2 | 10.85 | 54.1 | 10.45 | 49.9 | 9.66 | 45.8 | 8.87 |
| | 15.0 | 13.5 | 66.6 | 12.21 | 62.4 | 11.42 | 58.2 | 10.66 | 56.2 | 10.28 | 54.1 | 9.91 | 49.9 | 9.16 | 45.8 | 8.41 |
| 50.9 (70%) | -20.0 | -20.7 | 50.9 | 18.54 | 50.6 | 18.67 | 49.8 | 18.62 | 48.6 | 18.22 | 47.3 | 17.79 | 43.7 | 16.39 | 40.0 | 14.99 |
| | -15.0 | -16.0 | 57.3 | 19.17 | 54.6 | 18.31 | 50.9 | 17.02 | 49.1 | 16.41 | 47.3 | 15.77 | 43.7 | 14.55 | 40.0 | 13.33 |
| | -12.0 | -13.0 | 58.2 | 18.22 | 54.6 | 17.04 | 50.9 | 15.86 | 49.1 | 15.28 | 47.3 | 14.71 | 43.7 | 13.56 | 40.0 | 12.43 |
| | -9.0 | -10.0 | 58.2 | 17.01 | 54.6 | 15.90 | 50.9 | 14.82 | 49.1 | 14.28 | 47.3 | 13.75 | 43.7 | 12.68 | 40.0 | 11.64 |
| | -7.0 | -8.0 | 58.2 | 16.29 | 54.6 | 15.22 | 50.9 | 14.18 | 49.1 | 13.68 | 47.3 | 13.17 | 43.7 | 12.15 | 40.0 | 11.17 |
| | -5.0 | -6.0 | 58.2 | 15.59 | 54.6 | 14.59 | 50.9 | 13.61 | 49.1 | 13.11 | 47.3 | 12.62 | 43.7 | 11.65 | 40.0 | 10.71 |
| | -3.0 | -4.0 | 58.2 | 14.95 | 54.6 | 13.99 | 50.9 | 13.05 | 49.1 | 12.58 | 47.3 | 12.12 | 43.7 | 11.19 | 40.0 | 10.29 |
| | -1.0 | -2.0 | 58.2 | 14.36 | 54.6 | 13.43 | 50.9 | 12.53 | 49.1 | 12.07 | 47.3 | 11.64 | 43.7 | 10.74 | 40.0 | 9.88 |
| | 0.0 | -1.0 | 58.2 | 14.08 | 54.6 | 13.18 | 50.9 | 12.29 | 49.1 | 11.85 | 47.3 | 11.40 | 43.7 | 10.54 | 40.0 | 9.70 |
| | 2.0 | 1.0 | 58.2 | 13.52 | 54.6 | 12.66 | 50.9 | 11.81 | 49.1 | 11.38 | 47.3 | 10.98 | 43.7 | 10.15 | 40.0 | 9.33 |
| | 5.0 | 4.0 | 58.2 | 12.74 | 54.6 | 11.94 | 50.9 | 11.15 | 49.1 | 10.75 | 47.3 | 10.36 | 43.7 | 9.57 | 40.0 | 8.81 |
| | 7.0 | 6.0 | 58.2 | 12.26 | 54.6 | 11.50 | 50.9 | 10.74 | 49.1 | 10.35 | 47.3 | 9.98 | 43.7 | 9.23 | 40.0 | 8.50 |
| | 9.0 | 7.8 | 58.2 | 11.85 | 54.6 | 11.12 | 50.9 | 10.37 | 49.1 | 10.01 | 47.3 | 9.65 | 43.7 | 8.92 | 40.0 | 8.23 |
| | 12.0 | 10.6 | 58.2 | 11.24 | 54.6 | 10.55 | 50.9 | 9.86 | 49.1 | 9.50 | 47.3 | 9.17 | 43.7 | 8.48 | 40.0 | 7.82 |
| | 15.0 | 13.5 | 58.2 | 10.66 | 54.6 | 10.00 | 50.9 | 9.35 | 49.1 | 9.02 | 47.3 | 8.70 | 43.7 | 8.05 | 40.0 | 7.42 |
| 43.6 (60%) | -20.0 | -20.7 | 49.1 | 18.39 | 46.8 | 17.59 | 43.6 | 16.39 | 42.1 | 15.78 | 40.6 | 15.20 | 37.4 | 14.03 | 34.3 | 12.87 |
| | -15.0 | -16.0 | 49.9 | 16.68 | 46.8 | 15.60 | 43.6 | 14.55 | 42.1 | 14.03 | 40.6 | 13.50 | 37.4 | 12.48 | 34.3 | 11.46 |
| | -12.0 | -13.0 | 49.9 | 15.52 | 46.8 | 14.54 | 43.6 | 13.56 | 42.1 | 13.09 | 40.6 | 12.59 | 37.4 | 11.64 | 34.3 | 10.70 |
| | -9.0 | -10.0 | 49.9 | 14.52 | 46.8 | 13.60 | 43.6 | 12.68 | 42.1 | 12.24 | 40.6 | 11.80 | 37.4 | 10.90 | 34.3 | 10.03 |
| | -7.0 | -8.0 | 49.9 | 13.89 | 46.8 | 13.01 | 43.6 | 12.15 | 42.1 | 11.73 | 40.6 | 11.30 | 37.4 | 10.44 | 34.3 | 9.61 |
| | -5.0 | -6.0 | 49.9 | 13.32 | 46.8 | 12.48 | 43.6 | 11.65 | 42.1 | 11.25 | 40.6 | 10.84 | 37.4 | 10.04 | 34.3 | 9.24 |
| | -3.0 | -4.0 | 49.9 | 12.78 | 46.8 | 11.99 | 43.6 | 11.19 | 42.1 | 10.80 | 40.6 | 10.42 | 37.4 | 9.63 | 34.3 | 8.87 |
| | -1.0 | -2.0 | 49.9 | 12.27 | 46.8 | 11.51 | 43.6 | 10.74 | 42.1 | 10.38 | 40.6 | 10.01 | 37.4 | 9.28 | 34.3 | 8.55 |
| | 0.0 | -1.0 | 49.9 | 12.03 | 46.8 | 11.29 | 43.6 | 10.54 | 42.1 | 10.17 | 40.6 | 9.81 | 37.4 | 9.10 | 34.3 | 8.38 |
| | 2.0 | 1.0 | 49.9 | 11.57 | 46.8 | 10.85 | 43.6 | 10.15 | 42.1 | 9.79 | 40.6 | 9.45 | 37.4 | 8.76 | 34.3 | 8.07 |
| | 5.0 | 4.0 | 49.9 | 10.92 | 46.8 | 10.26 | 43.6 | 9.57 | 42.1 | 9.24 | 40.6 | 8.92 | 37.4 | 8.28 | 34.3 | 7.63 |
| | 7.0 | 6.0 | 49.9 | 10.51 | 46.8 | 9.88 | 43.6 | 9.23 | 42.1 | 8.92 | 40.6 | 8.60 | 37.4 | 7.98 | 34.3 | 7.36 |
| | 9.0 | 7.8 | 49.9 | 10.17 | 46.8 | 9.55 | 43.6 | 8.92 | 42.1 | 8.63 | 40.6 | 8.33 | 37.4 | 7.71 | 34.3 | 7.12 |
| | 12.0 | 10.6 | 49.9 | 9.66 | 46.8 | 9.07 | 43.6 | 8.48 | 42.1 | 8.19 | 40.6 | 7.92 | 37.4 | 7.34 | 34.3 | 6.78 |
| | 15.0 | 13.5 | 49.9 | 9.16 | 46.8 | 8.60 | 43.6 | 8.05 | 42.1 | 7.78 | 40.6 | 7.52 | 37.4 | 6.97 | 34.3 | 6.44 |

| Heating capacity at rated condition: 81.5 kW (26HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 36.4 (50%) | -20.0 | -20.7 | 41.6 | 15.60 | 39.0 | 14.61 | 36.4 | 13.65 | 35.1 | 13.15 | 33.8 | 12.67 | 31.2 | 11.73 | 28.6 | 10.78 |
| | -15.0 | -16.0 | 41.6 | 13.86 | 39.0 | 12.99 | 36.4 | 12.14 | 35.1 | 11.70 | 33.8 | 11.29 | 31.2 | 10.45 | 28.6 | 9.61 |
| | -12.0 | -13.0 | 41.6 | 12.92 | 39.0 | 12.12 | 36.4 | 11.32 | 35.1 | 10.94 | 33.8 | 10.54 | 31.2 | 9.76 | 28.6 | 8.99 |
| | -9.0 | -10.0 | 41.6 | 12.10 | 39.0 | 11.34 | 36.4 | 10.60 | 35.1 | 10.25 | 33.8 | 9.89 | 31.2 | 9.16 | 28.6 | 8.45 |
| | -7.0 | -8.0 | 41.6 | 11.58 | 39.0 | 10.87 | 36.4 | 10.17 | 35.1 | 9.83 | 33.8 | 9.47 | 31.2 | 8.80 | 28.6 | 8.10 |
| | -5.0 | -6.0 | 41.6 | 11.11 | 39.0 | 10.44 | 36.4 | 9.77 | 35.1 | 9.42 | 33.8 | 9.11 | 31.2 | 8.45 | 28.6 | 7.79 |
| | -3.0 | -4.0 | 41.6 | 10.66 | 39.0 | 10.03 | 36.4 | 9.39 | 35.1 | 9.06 | 33.8 | 8.74 | 31.2 | 8.11 | 28.6 | 7.50 |
| | -1.0 | -2.0 | 41.6 | 10.25 | 39.0 | 9.64 | 36.4 | 9.02 | 35.1 | 8.72 | 33.8 | 8.42 | 31.2 | 7.82 | 28.6 | 7.22 |
| | 0.0 | -1.0 | 41.6 | 10.06 | 39.0 | 9.44 | 36.4 | 8.85 | 35.1 | 8.55 | 33.8 | 8.25 | 31.2 | 7.66 | 28.6 | 7.09 |
| | 2.0 | 1.0 | 41.6 | 9.68 | 39.0 | 9.09 | 36.4 | 8.53 | 35.1 | 8.23 | 33.8 | 7.94 | 31.2 | 7.38 | 28.6 | 6.82 |
| | 5.0 | 4.0 | 41.6 | 9.14 | 39.0 | 8.61 | 36.4 | 8.06 | 35.1 | 7.79 | 33.8 | 7.53 | 31.2 | 7.00 | 28.6 | 6.47 |
| | 7.0 | 6.0 | 41.6 | 8.80 | 39.0 | 8.28 | 36.4 | 7.78 | 35.1 | 7.52 | 33.8 | 7.26 | 31.2 | 6.76 | 28.6 | 6.24 |
| | 9.0 | 7.8 | 41.6 | 8.53 | 39.0 | 8.03 | 36.4 | 7.51 | 35.1 | 7.28 | 33.8 | 7.02 | 31.2 | 6.53 | 28.6 | 6.06 |
| | 12.0 | 10.6 | 41.6 | 8.09 | 39.0 | 7.63 | 36.4 | 7.17 | 35.1 | 6.91 | 33.8 | 6.68 | 31.2 | 6.22 | 28.6 | 5.77 |
| | 15.0 | 13.5 | 41.6 | 7.69 | 39.0 | 7.25 | 36.4 | 6.80 | 35.1 | 6.58 | 33.8 | 6.37 | 31.2 | 5.92 | 28.6 | 5.49 |

# ■ Model: AJ∗252GALDHH

| Heating capacity at rated condition: 88.0 kW (28HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 117.6 (150%) | -20.0 | -20.7 | 56.2 | 19.04 | 55.7 | 19.19 | 55.4 | 19.33 | 55.2 | 19.39 | 55.1 | 19.45 | 54.6 | 19.59 | 54.3 | 19.73 |
| | -15.0 | -16.0 | 64.8 | 19.60 | 64.3 | 19.77 | 63.9 | 19.94 | 63.7 | 20.02 | 63.5 | 20.11 | 63.2 | 20.26 | 62.7 | 20.43 |
| | -12.0 | -13.0 | 70.4 | 19.97 | 69.9 | 20.15 | 69.5 | 20.32 | 69.3 | 20.41 | 69.0 | 20.50 | 68.7 | 20.69 | 68.2 | 20.87 |
| | -9.0 | -10.0 | 76.2 | 20.32 | 75.6 | 20.52 | 75.2 | 20.70 | 74.8 | 20.81 | 74.8 | 20.90 | 74.3 | 21.10 | 73.7 | 21.30 |
| | -7.0 | -8.0 | 80.0 | 20.55 | 79.5 | 20.75 | 79.0 | 20.96 | 78.7 | 21.07 | 78.4 | 21.16 | 77.9 | 21.36 | 77.4 | 21.59 |
| | -5.0 | -6.0 | 83.9 | 20.78 | 83.4 | 20.99 | 82.8 | 21.21 | 82.6 | 21.31 | 82.3 | 21.42 | 81.7 | 21.65 | 81.2 | 21.85 |
| | -3.0 | -4.0 | 87.8 | 21.01 | 87.3 | 21.22 | 86.7 | 21.45 | 86.4 | 21.57 | 86.1 | 21.68 | 85.6 | 21.91 | 84.8 | 22.14 |
| | -1.0 | -2.0 | 91.7 | 21.24 | 91.1 | 21.47 | 90.5 | 21.71 | 90.3 | 21.82 | 90.0 | 21.94 | 89.2 | 22.17 | 88.7 | 22.40 |
| | 0.0 | -1.0 | 93.6 | 21.34 | 93.1 | 21.59 | 92.5 | 21.82 | 92.2 | 21.94 | 91.7 | 22.06 | 91.2 | 22.29 | 90.6 | 22.54 |
| | 2.0 | 1.0 | 97.7 | 21.57 | 97.0 | 21.82 | 96.4 | 22.06 | 96.1 | 22.17 | 95.6 | 22.31 | 95.0 | 22.55 | 92.4 | 22.17 |
| | 5.0 | 4.0 | 103.6 | 21.88 | 103.0 | 22.14 | 102.2 | 22.40 | 101.9 | 22.54 | 101.4 | 22.66 | 100.2 | 22.79 | 92.4 | 20.83 |
| | 7.0 | 6.0 | 107.7 | 22.11 | 106.9 | 22.37 | 106.1 | 22.63 | 105.8 | 22.75 | 105.3 | 22.89 | 100.8 | 22.03 | 92.4 | 19.99 |
| | 9.0 | 7.8 | 111.3 | 22.29 | 110.5 | 22.55 | 109.6 | 22.83 | 109.2 | 22.95 | 108.6 | 23.02 | 100.8 | 21.23 | 92.4 | 19.29 |
| | 12.0 | 10.6 | 116.9 | 22.57 | 115.8 | 22.86 | 115.0 | 23.12 | 113.4 | 22.92 | 109.2 | 21.97 | 100.8 | 20.06 | 92.4 | 18.23 |
| | 15.0 | 13.5 | 122.4 | 22.86 | 121.6 | 23.14 | 117.6 | 22.55 | 113.4 | 21.64 | 109.2 | 20.72 | 100.8 | 18.95 | 92.4 | 17.22 |
| 109.7 (140%) | -20.0 | -20.7 | 56.0 | 19.11 | 55.7 | 19.25 | 55.3 | 19.39 | 55.1 | 19.45 | 54.9 | 19.53 | 54.6 | 19.65 | 54.1 | 19.79 |
| | -15.0 | -16.0 | 64.5 | 19.69 | 64.0 | 19.86 | 63.7 | 20.03 | 63.5 | 20.11 | 63.2 | 20.20 | 62.9 | 20.35 | 62.4 | 20.52 |
| | -12.0 | -13.0 | 70.1 | 20.06 | 69.8 | 20.26 | 69.2 | 20.43 | 69.0 | 20.52 | 68.8 | 20.61 | 68.4 | 20.78 | 67.9 | 20.98 |
| | -9.0 | -10.0 | 75.9 | 20.44 | 75.3 | 20.64 | 74.9 | 20.84 | 74.6 | 20.93 | 74.3 | 21.02 | 74.0 | 21.22 | 73.4 | 21.42 |
| | -7.0 | -8.0 | 79.7 | 20.70 | 79.2 | 20.90 | 78.6 | 21.10 | 78.4 | 21.19 | 78.1 | 21.30 | 77.6 | 21.51 | 77.1 | 21.71 |
| | -5.0 | -6.0 | 83.4 | 20.93 | 82.9 | 21.14 | 82.4 | 21.36 | 82.3 | 21.48 | 82.0 | 21.57 | 81.4 | 21.79 | 80.9 | 22.00 |
| | -3.0 | -4.0 | 87.3 | 21.17 | 86.7 | 21.39 | 86.2 | 21.62 | 85.9 | 21.74 | 85.6 | 21.85 | 85.1 | 22.08 | 84.4 | 22.26 |
| | -1.0 | -2.0 | 91.4 | 21.42 | 90.6 | 21.65 | 90.1 | 21.88 | 89.8 | 22.00 | 89.5 | 22.11 | 88.9 | 22.35 | 86.2 | 21.91 |
| | 0.0 | -1.0 | 93.3 | 21.54 | 92.5 | 21.77 | 92.0 | 22.00 | 91.7 | 22.12 | 91.4 | 22.23 | 90.6 | 22.49 | 86.2 | 21.46 |
| | 2.0 | 1.0 | 97.2 | 21.77 | 96.4 | 22.00 | 95.8 | 22.26 | 95.6 | 22.38 | 95.1 | 22.49 | 93.9 | 22.56 | 86.2 | 20.55 |
| | 5.0 | 4.0 | 103.0 | 22.11 | 102.2 | 22.37 | 101.6 | 22.63 | 101.1 | 22.75 | 100.7 | 22.85 | 94.1 | 21.25 | 86.2 | 19.31 |
| | 7.0 | 6.0 | 106.9 | 22.34 | 106.1 | 22.60 | 105.4 | 22.86 | 104.8 | 22.96 | 101.9 | 22.29 | 94.1 | 20.40 | 86.2 | 18.53 |
| | 9.0 | 7.8 | 110.5 | 22.54 | 109.7 | 22.81 | 108.7 | 23.04 | 105.8 | 22.42 | 101.9 | 21.50 | 94.1 | 19.67 | 86.2 | 17.88 |
| | 12.0 | 10.6 | 115.8 | 22.84 | 115.0 | 23.12 | 109.7 | 22.08 | 105.8 | 21.20 | 101.9 | 20.31 | 94.1 | 18.59 | 86.2 | 16.90 |
| | 15.0 | 13.5 | 121.6 | 23.15 | 117.6 | 22.55 | 109.7 | 20.86 | 105.8 | 20.02 | 101.9 | 19.19 | 94.1 | 17.56 | 86.2 | 15.98 |
| 101.9 (130%) | -20.0 | -20.7 | 55.7 | 19.19 | 55.4 | 19.33 | 55.1 | 19.45 | 54.9 | 19.53 | 54.6 | 19.59 | 54.3 | 19.73 | 54.0 | 19.88 |
| | -15.0 | -16.0 | 64.3 | 19.80 | 63.8 | 19.97 | 63.5 | 20.12 | 63.2 | 20.20 | 63.2 | 20.29 | 62.6 | 20.46 | 62.1 | 20.63 |
| | -12.0 | -13.0 | 69.8 | 20.20 | 69.3 | 20.38 | 69.0 | 20.55 | 68.7 | 20.64 | 68.5 | 20.73 | 68.2 | 20.92 | 67.6 | 21.10 |
| | -9.0 | -10.0 | 75.4 | 20.58 | 75.1 | 20.78 | 74.5 | 20.98 | 74.3 | 21.07 | 74.0 | 21.16 | 73.5 | 21.36 | 73.2 | 21.56 |
| | -7.0 | -8.0 | 79.2 | 20.85 | 78.7 | 21.05 | 78.2 | 21.25 | 77.9 | 21.36 | 77.8 | 21.45 | 77.3 | 21.68 | 76.8 | 21.88 |
| | -5.0 | -6.0 | 83.1 | 21.11 | 82.6 | 21.31 | 82.0 | 21.54 | 81.7 | 21.65 | 81.5 | 21.74 | 80.9 | 21.97 | 79.7 | 21.94 |
| | -3.0 | -4.0 | 87.0 | 21.36 | 86.4 | 21.59 | 85.8 | 21.80 | 85.4 | 21.92 | 85.1 | 22.03 | 84.6 | 22.26 | 80.1 | 21.12 |
| | -1.0 | -2.0 | 90.8 | 21.62 | 90.1 | 21.85 | 89.5 | 22.09 | 89.2 | 22.20 | 88.9 | 22.32 | 87.4 | 22.24 | 80.1 | 20.21 |
| | 0.0 | -1.0 | 92.8 | 21.74 | 92.0 | 21.97 | 91.4 | 22.23 | 91.1 | 22.34 | 90.9 | 22.46 | 87.4 | 21.76 | 80.1 | 19.78 |
| | 2.0 | 1.0 | 96.4 | 22.00 | 95.9 | 22.23 | 95.2 | 22.49 | 94.8 | 22.61 | 94.0 | 22.58 | 87.4 | 20.85 | 80.1 | 18.97 |
| | 5.0 | 4.0 | 102.2 | 22.37 | 101.6 | 22.63 | 100.7 | 22.83 | 98.3 | 22.32 | 94.6 | 21.38 | 87.4 | 19.59 | 80.1 | 17.82 |
| | 7.0 | 6.0 | 106.1 | 22.61 | 105.3 | 22.87 | 101.9 | 22.29 | 98.3 | 21.40 | 94.6 | 20.52 | 87.4 | 18.80 | 80.1 | 17.12 |
| | 9.0 | 7.8 | 109.7 | 22.83 | 108.6 | 23.02 | 101.9 | 21.50 | 98.3 | 20.64 | 94.6 | 19.79 | 87.4 | 18.13 | 80.1 | 16.50 |
| | 12.0 | 10.6 | 114.9 | 23.15 | 109.2 | 21.97 | 101.9 | 20.31 | 98.3 | 19.51 | 94.6 | 18.71 | 87.4 | 17.15 | 80.1 | 15.62 |
| | 15.0 | 13.5 | 116.5 | 22.32 | 109.2 | 20.72 | 101.9 | 19.19 | 98.3 | 18.42 | 94.6 | 17.67 | 87.4 | 16.20 | 80.1 | 14.75 |
| 94.0 (120%) | -20.0 | -20.7 | 55.7 | 19.28 | 55.2 | 19.40 | 54.8 | 19.54 | 54.6 | 19.62 | 54.4 | 19.68 | 54.1 | 19.82 | 53.8 | 19.96 |
| | -15.0 | -16.0 | 64.0 | 19.92 | 63.5 | 20.09 | 63.2 | 20.24 | 62.9 | 20.32 | 62.7 | 20.41 | 62.4 | 20.58 | 61.9 | 20.75 |
| | -12.0 | -13.0 | 69.5 | 20.33 | 69.0 | 20.52 | 68.6 | 20.70 | 68.4 | 20.78 | 68.2 | 20.87 | 67.7 | 21.05 | 67.3 | 21.24 |
| | -9.0 | -10.0 | 75.1 | 20.76 | 74.5 | 20.96 | 74.1 | 21.14 | 74.0 | 21.25 | 73.7 | 21.34 | 73.2 | 21.54 | 72.3 | 21.62 |
| | -7.0 | -8.0 | 78.7 | 21.02 | 78.4 | 21.23 | 77.8 | 21.45 | 77.6 | 21.54 | 77.3 | 21.65 | 76.8 | 21.85 | 73.9 | 21.21 |
| | -5.0 | -6.0 | 82.6 | 21.31 | 82.0 | 21.51 | 81.5 | 21.74 | 81.2 | 21.83 | 80.9 | 21.95 | 79.8 | 21.98 | 73.9 | 20.26 |
| | -3.0 | -4.0 | 86.4 | 21.57 | 85.9 | 21.80 | 85.2 | 22.03 | 84.8 | 22.14 | 84.6 | 22.26 | 80.6 | 21.28 | 73.9 | 19.38 |
| | -1.0 | -2.0 | 90.1 | 21.86 | 89.5 | 22.09 | 88.9 | 22.32 | 88.7 | 22.44 | 87.4 | 22.24 | 80.6 | 20.37 | 73.9 | 18.56 |
| | 0.0 | -1.0 | 92.0 | 22.00 | 91.4 | 22.23 | 90.8 | 22.46 | 89.9 | 22.43 | 87.4 | 21.76 | 80.6 | 19.94 | 73.9 | 18.16 |
| | 2.0 | 1.0 | 95.8 | 22.26 | 95.1 | 22.50 | 93.9 | 22.56 | 90.7 | 21.73 | 87.4 | 20.85 | 80.6 | 19.11 | 73.9 | 17.41 |
| | 5.0 | 4.0 | 101.4 | 22.67 | 100.4 | 22.79 | 94.0 | 21.25 | 90.7 | 20.41 | 87.4 | 19.59 | 80.6 | 17.96 | 73.9 | 16.36 |
| | 7.0 | 6.0 | 105.3 | 22.93 | 100.8 | 22.03 | 94.0 | 20.40 | 90.7 | 19.60 | 87.4 | 18.80 | 80.6 | 17.25 | 73.9 | 15.71 |
| | 9.0 | 7.8 | 107.5 | 22.83 | 100.8 | 21.23 | 94.0 | 19.67 | 90.7 | 18.90 | 87.4 | 18.13 | 80.6 | 16.63 | 73.9 | 15.16 |
| | 12.0 | 10.6 | 107.5 | 21.58 | 100.8 | 20.06 | 94.0 | 18.59 | 90.7 | 17.87 | 87.4 | 17.15 | 80.6 | 15.74 | 73.9 | 14.35 |
| | 15.0 | 13.5 | 107.5 | 20.36 | 100.8 | 18.95 | 94.0 | 17.56 | 90.7 | 16.89 | 87.4 | 16.20 | 80.6 | 14.87 | 73.9 | 13.56 |
| 86.2 (110%) | -20.0 | -20.7 | 55.4 | 19.37 | 54.9 | 19.51 | 54.6 | 19.65 | 54.3 | 19.71 | 54.1 | 19.77 | 53.8 | 19.91 | 53.5 | 20.05 |
| | -15.0 | -16.0 | 63.7 | 20.06 | 63.2 | 20.23 | 62.8 | 20.38 | 62.6 | 20.47 | 62.4 | 20.55 | 62.1 | 20.72 | 61.6 | 20.87 |
| | -12.0 | -13.0 | 69.0 | 20.50 | 68.7 | 20.68 | 68.2 | 20.87 | 67.9 | 20.96 | 67.7 | 21.04 | 67.4 | 21.22 | 66.4 | 21.22 |
| | -9.0 | -10.0 | 74.5 | 20.96 | 74.0 | 21.14 | 73.6 | 21.34 | 73.4 | 21.43 | 73.2 | 21.54 | 72.3 | 21.62 | 67.8 | 20.25 |
| | -7.0 | -8.0 | 78.4 | 21.25 | 77.8 | 21.45 | 77.3 | 21.66 | 77.0 | 21.75 | 76.8 | 21.86 | 73.9 | 21.21 | 67.8 | 19.32 |
| | -5.0 | -6.0 | 82.0 | 21.54 | 81.5 | 21.75 | 80.9 | 21.97 | 80.6 | 22.09 | 79.7 | 21.94 | 73.9 | 20.26 | 67.8 | 18.45 |
| | -3.0 | -4.0 | 85.6 | 21.83 | 85.1 | 22.06 | 84.5 | 22.26 | 83.2 | 22.02 | 80.1 | 21.12 | 73.9 | 19.38 | 67.8 | 17.66 |
| | -1.0 | -2.0 | 89.5 | 22.15 | 88.7 | 22.38 | 86.2 | 21.91 | 83.2 | 21.06 | 80.1 | 20.21 | 73.9 | 18.56 | 67.8 | 16.91 |
| | 0.0 | -1.0 | 91.2 | 22.29 | 90.6 | 22.52 | 86.2 | 21.46 | 83.2 | 20.61 | 80.1 | 19.78 | 73.9 | 18.16 | 67.8 | 16.56 |
| | 2.0 | 1.0 | 95.0 | 22.58 | 92.4 | 22.17 | 86.2 | 20.55 | 83.2 | 19.75 | 80.1 | 18.97 | 73.9 | 17.41 | 67.8 | 15.89 |
| | 5.0 | 4.0 | 98.6 | 22.38 | 92.4 | 20.83 | 86.2 | 19.31 | 83.2 | 18.56 | 80.1 | 17.82 | 73.9 | 16.36 | 67.8 | 14.94 |
| | 7.0 | 6.0 | 98.6 | 21.48 | 92.4 | 19.99 | 86.2 | 18.53 | 83.2 | 17.83 | 80.1 | 17.12 | 73.9 | 15.71 | 67.8 | 14.35 |
| | 9.0 | 7.8 | 98.6 | 20.70 | 92.4 | 19.29 | 86.2 | 17.88 | 83.2 | 17.19 | 80.1 | 16.50 | 73.9 | 15.16 | 67.8 | 13.84 |
| | 12.0 | 10.6 | 98.6 | 19.57 | 92.4 | 18.23 | 86.2 | 16.90 | 83.2 | 16.26 | 80.1 | 15.62 | 73.9 | 14.35 | 67.8 | 13.10 |
| | 15.0 | 13.5 | 98.6 | 18.48 | 92.4 | 17.22 | 86.2 | 15.98 | 83.2 | 15.36 | 80.1 | 14.75 | 73.9 | 13.56 | 67.8 | 12.39 |

MODEL SELECTION

| Heating capacity at rated condition: 88.0 kW (28HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 78.4 (100%) | -20.0 | -20.7 | 54.8 | 19.47 | 54.5 | 19.62 | 54.2 | 19.76 | 54.0 | 19.82 | 53.8 | 19.90 | 53.5 | 20.03 | 53.2 | 20.17 |
| | -15.0 | -16.0 | 63.2 | 20.23 | 62.9 | 20.39 | 62.4 | 20.56 | 62.1 | 20.64 | 62.1 | 20.73 | 61.6 | 20.88 | 60.6 | 20.80 |
| | -12.0 | -13.0 | 68.7 | 20.71 | 68.2 | 20.89 | 67.7 | 21.06 | 67.6 | 21.15 | 67.3 | 21.26 | 66.2 | 21.20 | 61.6 | 19.69 |
| | -9.0 | -10.0 | 74.0 | 21.19 | 73.5 | 21.39 | 73.1 | 21.59 | 72.9 | 21.68 | 72.0 | 21.55 | 67.2 | 20.07 | 61.6 | 18.32 |
| | -7.0 | -8.0 | 77.6 | 21.53 | 77.1 | 21.74 | 76.5 | 21.88 | 75.6 | 21.70 | 72.8 | 20.87 | 67.2 | 19.17 | 61.6 | 17.47 |
| | -5.0 | -6.0 | 81.3 | 21.86 | 80.7 | 22.07 | 78.4 | 21.61 | 75.6 | 20.76 | 72.8 | 19.94 | 67.2 | 18.32 | 61.6 | 16.70 |
| | -3.0 | -4.0 | 84.9 | 22.18 | 83.6 | 22.13 | 78.4 | 20.65 | 75.6 | 19.86 | 72.8 | 19.06 | 67.2 | 17.52 | 61.6 | 15.98 |
| | -1.0 | -2.0 | 88.2 | 22.40 | 84.0 | 21.31 | 78.4 | 19.77 | 75.6 | 19.00 | 72.8 | 18.26 | 67.2 | 16.77 | 61.6 | 15.31 |
| | 0.0 | -1.0 | 89.6 | 22.37 | 84.0 | 20.85 | 78.4 | 19.34 | 75.6 | 18.60 | 72.8 | 17.86 | 67.2 | 16.42 | 61.6 | 14.99 |
| | 2.0 | 1.0 | 89.6 | 21.43 | 84.0 | 19.97 | 78.4 | 18.54 | 75.6 | 17.82 | 72.8 | 17.13 | 67.2 | 15.75 | 61.6 | 14.39 |
| | 5.0 | 4.0 | 89.6 | 20.14 | 84.0 | 18.76 | 78.4 | 17.43 | 75.6 | 16.77 | 72.8 | 16.11 | 67.2 | 14.81 | 61.6 | 13.53 |
| | 7.0 | 6.0 | 89.6 | 19.33 | 84.0 | 18.03 | 78.4 | 16.73 | 75.6 | 16.09 | 72.8 | 15.46 | 67.2 | 14.21 | 61.6 | 13.00 |
| | 9.0 | 7.8 | 89.6 | 18.63 | 84.0 | 17.38 | 78.4 | 16.13 | 75.6 | 15.52 | 72.8 | 14.92 | 67.2 | 13.72 | 61.6 | 12.56 |
| | 12.0 | 10.6 | 89.6 | 17.62 | 84.0 | 16.43 | 78.4 | 15.26 | 75.6 | 14.68 | 72.8 | 14.12 | 67.2 | 12.99 | 61.6 | 11.88 |
| | 15.0 | 13.5 | 89.6 | 16.64 | 84.0 | 15.53 | 78.4 | 14.42 | 75.6 | 13.89 | 72.8 | 13.36 | 67.2 | 12.28 | 61.6 | 11.25 |
| 70.5 (90%) | -20.0 | -20.7 | 54.6 | 19.63 | 54.3 | 19.77 | 53.8 | 19.91 | 53.7 | 19.97 | 53.5 | 20.04 | 53.2 | 20.18 | 52.6 | 20.29 |
| | -15.0 | -16.0 | 62.7 | 20.42 | 62.3 | 20.59 | 61.9 | 20.76 | 61.8 | 20.84 | 61.5 | 20.91 | 60.1 | 20.70 | 55.4 | 19.02 |
| | -12.0 | -13.0 | 67.9 | 20.94 | 67.6 | 21.11 | 67.1 | 21.31 | 66.4 | 21.24 | 65.5 | 21.01 | 60.5 | 19.30 | 55.4 | 17.63 |
| | -9.0 | -10.0 | 73.4 | 21.46 | 72.9 | 21.66 | 70.5 | 21.15 | 68.0 | 20.33 | 65.5 | 19.54 | 60.5 | 17.95 | 55.4 | 16.40 |
| | -7.0 | -8.0 | 76.8 | 21.81 | 75.6 | 21.69 | 70.5 | 20.18 | 68.0 | 19.41 | 65.5 | 18.64 | 60.5 | 17.14 | 55.4 | 15.66 |
| | -5.0 | -6.0 | 79.8 | 21.96 | 75.6 | 20.76 | 70.5 | 19.27 | 68.0 | 18.54 | 65.5 | 17.82 | 60.5 | 16.39 | 55.4 | 14.99 |
| | -3.0 | -4.0 | 80.6 | 21.28 | 75.6 | 19.85 | 70.5 | 18.45 | 68.0 | 17.74 | 65.5 | 17.05 | 60.5 | 15.68 | 55.4 | 14.35 |
| | -1.0 | -2.0 | 80.6 | 20.37 | 75.6 | 19.00 | 70.5 | 17.65 | 68.0 | 16.99 | 65.5 | 16.33 | 60.5 | 15.03 | 55.4 | 13.74 |
| | 0.0 | -1.0 | 80.6 | 19.94 | 75.6 | 18.60 | 70.5 | 17.28 | 68.0 | 16.64 | 65.5 | 15.98 | 60.5 | 14.71 | 55.4 | 13.47 |
| | 2.0 | 1.0 | 80.6 | 19.11 | 75.6 | 17.82 | 70.5 | 16.58 | 68.0 | 15.94 | 65.5 | 15.33 | 60.5 | 14.12 | 55.4 | 12.91 |
| | 5.0 | 4.0 | 80.6 | 17.96 | 75.6 | 16.77 | 70.5 | 15.58 | 68.0 | 15.00 | 65.5 | 14.42 | 60.5 | 13.28 | 55.4 | 12.15 |
| | 7.0 | 6.0 | 80.6 | 17.25 | 75.6 | 16.09 | 70.5 | 14.96 | 68.0 | 14.41 | 65.5 | 13.85 | 60.5 | 12.77 | 55.4 | 11.69 |
| | 9.0 | 7.8 | 80.6 | 16.63 | 75.6 | 15.53 | 70.5 | 14.44 | 68.0 | 13.91 | 65.5 | 13.37 | 60.5 | 12.31 | 55.4 | 11.28 |
| | 12.0 | 10.6 | 80.6 | 15.74 | 75.6 | 14.69 | 70.5 | 13.68 | 68.0 | 13.16 | 65.5 | 12.66 | 60.5 | 11.68 | 55.4 | 10.69 |
| | 15.0 | 13.5 | 80.6 | 14.87 | 75.6 | 13.89 | 70.5 | 12.92 | 68.0 | 12.45 | 65.5 | 11.97 | 60.5 | 11.05 | 55.4 | 10.13 |
| 62.7 (80%) | -20.0 | -20.7 | 54.0 | 19.81 | 53.8 | 19.95 | 53.4 | 20.09 | 53.2 | 20.15 | 53.0 | 20.23 | 52.2 | 20.13 | 49.3 | 19.12 |
| | -15.0 | -16.0 | 62.1 | 20.68 | 61.8 | 20.85 | 61.0 | 20.85 | 60.1 | 20.70 | 58.2 | 20.02 | 53.8 | 18.42 | 49.3 | 16.82 |
| | -12.0 | -13.0 | 67.3 | 21.23 | 66.2 | 21.16 | 62.7 | 20.06 | 60.5 | 19.30 | 58.2 | 18.56 | 53.8 | 17.06 | 49.3 | 15.61 |
| | -9.0 | -10.0 | 71.7 | 21.47 | 67.2 | 20.06 | 62.7 | 18.66 | 60.5 | 17.95 | 58.2 | 17.27 | 53.8 | 15.90 | 49.3 | 14.53 |
| | -7.0 | -8.0 | 71.7 | 20.53 | 67.2 | 19.16 | 62.7 | 17.82 | 60.5 | 17.14 | 58.2 | 16.48 | 53.8 | 15.18 | 49.3 | 13.90 |
| | -5.0 | -6.0 | 71.7 | 19.60 | 67.2 | 18.31 | 62.7 | 17.02 | 60.5 | 16.39 | 58.2 | 15.76 | 53.8 | 14.52 | 49.3 | 13.29 |
| | -3.0 | -4.0 | 71.7 | 18.75 | 67.2 | 17.51 | 62.7 | 16.28 | 60.5 | 15.68 | 58.2 | 15.09 | 53.8 | 13.89 | 49.3 | 12.73 |
| | -1.0 | -2.0 | 71.7 | 17.95 | 67.2 | 16.77 | 62.7 | 15.61 | 60.5 | 15.03 | 58.2 | 14.45 | 53.8 | 13.32 | 49.3 | 12.20 |
| | 0.0 | -1.0 | 71.7 | 17.58 | 67.2 | 16.42 | 62.7 | 15.29 | 60.5 | 14.71 | 58.2 | 14.16 | 53.8 | 13.05 | 49.3 | 11.95 |
| | 2.0 | 1.0 | 71.7 | 16.85 | 67.2 | 15.75 | 62.7 | 14.65 | 60.5 | 14.12 | 58.2 | 13.57 | 53.8 | 12.52 | 49.3 | 11.47 |
| | 5.0 | 4.0 | 71.7 | 15.83 | 67.2 | 14.81 | 62.7 | 13.78 | 60.5 | 13.28 | 58.2 | 12.78 | 53.8 | 11.79 | 49.3 | 10.82 |
| | 7.0 | 6.0 | 71.7 | 15.21 | 67.2 | 14.21 | 62.7 | 13.24 | 60.5 | 12.77 | 58.2 | 12.28 | 53.8 | 11.33 | 49.3 | 10.41 |
| | 9.0 | 7.8 | 71.7 | 14.67 | 67.2 | 13.72 | 62.7 | 12.78 | 60.5 | 12.31 | 58.2 | 11.86 | 53.8 | 10.95 | 49.3 | 10.04 |
| | 12.0 | 10.6 | 71.7 | 13.90 | 67.2 | 12.99 | 62.7 | 12.10 | 60.5 | 11.68 | 58.2 | 11.24 | 53.8 | 10.38 | 49.3 | 9.52 |
| | 15.0 | 13.5 | 71.7 | 13.14 | 67.2 | 12.28 | 62.7 | 11.45 | 60.5 | 11.05 | 58.2 | 10.64 | 53.8 | 9.83 | 49.3 | 9.02 |
| 54.8 (70%) | -20.0 | -20.7 | 53.5 | 20.04 | 53.2 | 20.18 | 52.5 | 20.23 | 51.9 | 20.06 | 51.0 | 19.80 | 47.0 | 18.23 | 43.1 | 16.66 |
| | -15.0 | -16.0 | 60.9 | 20.85 | 58.8 | 20.24 | 54.8 | 18.80 | 52.9 | 18.12 | 51.0 | 17.41 | 47.0 | 16.05 | 43.1 | 14.69 |
| | -12.0 | -13.0 | 62.7 | 20.06 | 58.8 | 18.75 | 54.8 | 17.44 | 52.9 | 16.79 | 51.0 | 16.16 | 47.0 | 14.88 | 43.1 | 13.64 |
| | -9.0 | -10.0 | 62.7 | 18.66 | 58.8 | 17.43 | 54.8 | 16.23 | 52.9 | 15.63 | 51.0 | 15.05 | 47.0 | 13.87 | 43.1 | 12.72 |
| | -7.0 | -8.0 | 62.7 | 17.82 | 58.8 | 16.64 | 54.8 | 15.49 | 52.9 | 14.94 | 51.0 | 14.37 | 47.0 | 13.26 | 43.1 | 12.17 |
| | -5.0 | -6.0 | 62.7 | 17.02 | 58.8 | 15.92 | 54.8 | 14.83 | 52.9 | 14.28 | 51.0 | 13.75 | 47.0 | 12.68 | 43.1 | 11.64 |
| | -3.0 | -4.0 | 62.7 | 16.28 | 58.8 | 15.23 | 54.8 | 14.19 | 52.9 | 13.67 | 51.0 | 13.17 | 47.0 | 12.15 | 43.1 | 11.16 |
| | -1.0 | -2.0 | 62.7 | 15.61 | 58.8 | 14.59 | 54.8 | 13.60 | 52.9 | 13.10 | 51.0 | 12.63 | 47.0 | 11.64 | 43.1 | 10.70 |
| | 0.0 | -1.0 | 62.7 | 15.29 | 58.8 | 14.30 | 54.8 | 13.33 | 52.9 | 12.84 | 51.0 | 12.36 | 47.0 | 11.42 | 43.1 | 10.49 |
| | 2.0 | 1.0 | 62.7 | 14.65 | 58.8 | 13.71 | 54.8 | 12.79 | 52.9 | 12.32 | 51.0 | 11.88 | 47.0 | 10.97 | 43.1 | 10.08 |
| | 5.0 | 4.0 | 62.7 | 13.78 | 58.8 | 12.90 | 54.8 | 12.04 | 52.9 | 11.60 | 51.0 | 11.18 | 47.0 | 10.32 | 43.1 | 9.49 |
| | 7.0 | 6.0 | 62.7 | 13.24 | 58.8 | 12.41 | 54.8 | 11.58 | 52.9 | 11.16 | 51.0 | 10.75 | 47.0 | 9.94 | 43.1 | 9.14 |
| | 9.0 | 7.8 | 62.7 | 12.78 | 58.8 | 11.98 | 54.8 | 11.17 | 52.9 | 10.78 | 51.0 | 10.39 | 47.0 | 9.59 | 43.1 | 8.84 |
| | 12.0 | 10.6 | 62.7 | 12.10 | 58.8 | 11.35 | 54.8 | 10.60 | 52.9 | 10.21 | 51.0 | 9.85 | 47.0 | 9.10 | 43.1 | 8.38 |
| | 15.0 | 13.5 | 62.7 | 11.45 | 58.8 | 10.73 | 54.8 | 10.03 | 52.9 | 9.67 | 51.0 | 9.33 | 47.0 | 8.63 | 43.1 | 7.94 |
| 47.0 (60%) | -20.0 | -20.7 | 52.2 | 20.13 | 50.4 | 19.58 | 47.0 | 18.23 | 45.4 | 17.55 | 43.7 | 16.90 | 40.3 | 15.58 | 37.0 | 14.28 |
| | -15.0 | -16.0 | 53.8 | 18.42 | 50.4 | 17.22 | 47.0 | 16.05 | 45.4 | 15.46 | 43.7 | 14.88 | 40.3 | 13.74 | 37.0 | 12.60 |
| | -12.0 | -13.0 | 53.8 | 17.06 | 50.4 | 15.97 | 47.0 | 14.88 | 45.4 | 14.36 | 43.7 | 13.81 | 40.3 | 12.75 | 37.0 | 11.71 |
| | -9.0 | -10.0 | 53.8 | 15.90 | 50.4 | 14.87 | 47.0 | 13.87 | 45.4 | 13.38 | 43.7 | 12.89 | 40.3 | 11.90 | 37.0 | 10.94 |
| | -7.0 | -8.0 | 53.8 | 15.18 | 50.4 | 14.20 | 47.0 | 13.26 | 45.4 | 12.78 | 43.7 | 12.31 | 40.3 | 11.37 | 37.0 | 10.46 |
| | -5.0 | -6.0 | 53.8 | 14.52 | 50.4 | 13.59 | 47.0 | 12.68 | 45.4 | 12.24 | 43.7 | 11.78 | 40.3 | 10.90 | 37.0 | 10.02 |
| | -3.0 | -4.0 | 53.8 | 13.89 | 50.4 | 13.03 | 47.0 | 12.15 | 45.4 | 11.73 | 43.7 | 11.30 | 40.3 | 10.44 | 37.0 | 9.61 |
| | -1.0 | -2.0 | 53.8 | 13.32 | 50.4 | 12.49 | 47.0 | 11.64 | 45.4 | 11.25 | 43.7 | 10.84 | 40.3 | 10.04 | 37.0 | 9.24 |
| | 0.0 | -1.0 | 53.8 | 13.05 | 50.4 | 12.23 | 47.0 | 11.42 | 45.4 | 11.01 | 43.7 | 10.62 | 40.3 | 9.83 | 37.0 | 9.05 |
| | 2.0 | 1.0 | 53.8 | 12.52 | 50.4 | 11.74 | 47.0 | 10.97 | 45.4 | 10.58 | 43.7 | 10.20 | 40.3 | 9.45 | 37.0 | 8.70 |
| | 5.0 | 4.0 | 53.8 | 11.79 | 50.4 | 11.07 | 47.0 | 10.32 | 45.4 | 9.96 | 43.7 | 9.62 | 40.3 | 8.91 | 37.0 | 8.21 |
| | 7.0 | 6.0 | 53.8 | 11.33 | 50.4 | 10.64 | 47.0 | 9.94 | 45.4 | 9.59 | 43.7 | 9.25 | 40.3 | 8.58 | 37.0 | 7.91 |
| | 9.0 | 7.8 | 53.8 | 10.95 | 50.4 | 10.28 | 47.0 | 9.59 | 45.4 | 9.28 | 43.7 | 8.95 | 40.3 | 8.28 | 37.0 | 7.64 |
| | 12.0 | 10.6 | 53.8 | 10.38 | 50.4 | 9.74 | 47.0 | 9.10 | 45.4 | 8.79 | 43.7 | 8.49 | 40.3 | 7.87 | 37.0 | 7.26 |
| | 15.0 | 13.5 | 53.8 | 9.83 | 50.4 | 9.22 | 47.0 | 8.63 | 45.4 | 8.33 | 43.7 | 8.05 | 40.3 | 7.46 | 37.0 | 6.88 |

| Heating capacity at rated condition: 88.0 kW (28HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 39.2 (50%) | -20.0 | -20.7 | 44.8 | 17.34 | 42.0 | 16.23 | 39.2 | 15.15 | 37.8 | 14.60 | 36.4 | 14.06 | 33.6 | 12.99 | 30.8 | 11.93 |
| | -15.0 | -16.0 | 44.8 | 15.27 | 42.0 | 14.31 | 39.2 | 13.36 | 37.8 | 12.87 | 36.4 | 12.41 | 33.6 | 11.48 | 30.8 | 10.55 |
| | -12.0 | -13.0 | 44.8 | 14.17 | 42.0 | 13.29 | 39.2 | 12.41 | 37.8 | 11.98 | 36.4 | 11.54 | 33.6 | 10.67 | 30.8 | 9.82 |
| | -9.0 | -10.0 | 44.8 | 13.22 | 42.0 | 12.39 | 39.2 | 11.57 | 37.8 | 11.17 | 36.4 | 10.78 | 33.6 | 9.98 | 30.8 | 9.19 |
| | -7.0 | -8.0 | 44.8 | 12.63 | 42.0 | 11.84 | 39.2 | 11.07 | 37.8 | 10.69 | 36.4 | 10.30 | 33.6 | 9.56 | 30.8 | 8.79 |
| | -5.0 | -6.0 | 44.8 | 12.08 | 42.0 | 11.34 | 39.2 | 10.60 | 37.8 | 10.23 | 36.4 | 9.88 | 33.6 | 9.16 | 30.8 | 8.44 |
| | -3.0 | -4.0 | 44.8 | 11.57 | 42.0 | 10.88 | 39.2 | 10.17 | 37.8 | 9.81 | 36.4 | 9.47 | 33.6 | 8.78 | 30.8 | 8.10 |
| | -1.0 | -2.0 | 44.8 | 11.11 | 42.0 | 10.43 | 39.2 | 9.76 | 37.8 | 9.43 | 36.4 | 9.10 | 33.6 | 8.44 | 30.8 | 7.78 |
| | 0.0 | -1.0 | 44.8 | 10.88 | 42.0 | 10.21 | 39.2 | 9.57 | 37.8 | 9.24 | 36.4 | 8.91 | 33.6 | 8.27 | 30.8 | 7.64 |
| | 2.0 | 1.0 | 44.8 | 10.45 | 42.0 | 9.81 | 39.2 | 9.20 | 37.8 | 8.87 | 36.4 | 8.56 | 33.6 | 7.95 | 30.8 | 7.34 |
| | 5.0 | 4.0 | 44.8 | 9.85 | 42.0 | 9.27 | 39.2 | 8.68 | 37.8 | 8.38 | 36.4 | 8.10 | 33.6 | 7.52 | 30.8 | 6.94 |
| | 7.0 | 6.0 | 44.8 | 9.47 | 42.0 | 8.91 | 39.2 | 8.36 | 37.8 | 8.08 | 36.4 | 7.80 | 33.6 | 7.25 | 30.8 | 6.69 |
| | 9.0 | 7.8 | 44.8 | 9.17 | 42.0 | 8.62 | 39.2 | 8.06 | 37.8 | 7.81 | 36.4 | 7.53 | 33.6 | 7.00 | 30.8 | 6.48 |
| | 12.0 | 10.6 | 44.8 | 8.68 | 42.0 | 8.18 | 39.2 | 7.68 | 37.8 | 7.40 | 36.4 | 7.15 | 33.6 | 6.65 | 30.8 | 6.17 |
| | 15.0 | 13.5 | 44.8 | 8.24 | 42.0 | 7.75 | 39.2 | 7.27 | 37.8 | 7.04 | 36.4 | 6.80 | 33.6 | 6.32 | 30.8 | 5.85 |

# ■ Model: AJ∗270GALDHH

| Heating capacity at rated condition: 94.5 kW (30HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 126.0 (150%) | -20.0 | -20.7 | 59.1 | 20.52 | 58.5 | 20.67 | 58.2 | 20.82 | 57.9 | 20.88 | 57.9 | 20.94 | 57.3 | 21.09 | 57.0 | 21.24 |
| | -15.0 | -16.0 | 68.4 | 21.09 | 67.8 | 21.27 | 67.4 | 21.45 | 67.2 | 21.54 | 66.9 | 21.63 | 66.6 | 21.78 | 66.0 | 21.96 |
| | -12.0 | -13.0 | 74.4 | 21.48 | 73.8 | 21.66 | 73.5 | 21.84 | 73.2 | 21.93 | 72.9 | 22.02 | 72.6 | 22.23 | 72.0 | 22.41 |
| | -9.0 | -10.0 | 80.7 | 21.84 | 80.1 | 22.05 | 79.6 | 22.23 | 79.2 | 22.35 | 79.2 | 22.44 | 78.6 | 22.65 | 78.0 | 22.86 |
| | -7.0 | -8.0 | 84.9 | 22.08 | 84.3 | 22.29 | 83.7 | 22.50 | 83.4 | 22.62 | 83.1 | 22.71 | 82.5 | 22.92 | 81.9 | 23.16 |
| | -5.0 | -6.0 | 89.1 | 22.32 | 88.5 | 22.53 | 87.9 | 22.77 | 87.6 | 22.86 | 87.3 | 22.98 | 86.7 | 23.22 | 86.1 | 23.43 |
| | -3.0 | -4.0 | 93.3 | 22.56 | 92.7 | 22.77 | 92.0 | 23.01 | 91.8 | 23.13 | 91.5 | 23.25 | 90.9 | 23.49 | 90.0 | 23.73 |
| | -1.0 | -2.0 | 97.5 | 22.80 | 96.9 | 23.04 | 96.2 | 23.28 | 96.0 | 23.40 | 95.7 | 23.52 | 94.8 | 23.76 | 94.2 | 24.00 |
| | 0.0 | -1.0 | 99.6 | 22.89 | 99.0 | 23.16 | 98.3 | 23.40 | 98.1 | 23.52 | 97.5 | 23.64 | 96.9 | 23.88 | 96.3 | 24.15 |
| | 2.0 | 1.0 | 104.1 | 23.13 | 103.2 | 23.40 | 102.6 | 23.64 | 102.3 | 23.76 | 101.7 | 23.91 | 101.1 | 24.15 | 99.0 | 23.97 |
| | 5.0 | 4.0 | 110.4 | 23.46 | 109.8 | 23.73 | 108.9 | 24.00 | 108.6 | 24.15 | 108.0 | 24.27 | 107.1 | 24.54 | 99.0 | 22.47 |
| | 7.0 | 6.0 | 114.9 | 23.70 | 114.0 | 23.97 | 113.1 | 24.24 | 112.8 | 24.36 | 112.2 | 24.51 | 108.0 | 23.76 | 99.0 | 21.54 |
| | 9.0 | 7.8 | 118.8 | 23.88 | 117.9 | 24.15 | 116.9 | 24.45 | 116.4 | 24.57 | 116.1 | 24.72 | 108.0 | 22.86 | 99.0 | 20.76 |
| | 12.0 | 10.6 | 124.8 | 24.18 | 123.6 | 24.48 | 122.7 | 24.75 | 121.5 | 24.66 | 117.0 | 23.64 | 108.0 | 21.57 | 99.0 | 19.59 |
| | 15.0 | 13.5 | 130.8 | 24.48 | 129.9 | 24.78 | 126.0 | 24.24 | 121.5 | 23.25 | 117.0 | 22.26 | 108.0 | 20.34 | 99.0 | 18.48 |
| 117.6 (140%) | -20.0 | -20.7 | 58.8 | 20.58 | 58.5 | 20.73 | 58.0 | 20.88 | 57.9 | 20.94 | 57.6 | 21.03 | 57.3 | 21.15 | 56.7 | 21.30 |
| | -15.0 | -16.0 | 68.1 | 21.18 | 67.5 | 21.36 | 67.2 | 21.54 | 66.9 | 21.63 | 66.6 | 21.72 | 66.3 | 21.87 | 65.7 | 22.05 |
| | -12.0 | -13.0 | 74.1 | 21.57 | 73.8 | 21.78 | 73.2 | 21.96 | 72.9 | 22.05 | 72.6 | 22.14 | 72.3 | 22.32 | 71.7 | 22.53 |
| | -9.0 | -10.0 | 80.4 | 21.96 | 79.8 | 22.17 | 79.3 | 22.38 | 78.9 | 22.47 | 78.6 | 22.56 | 78.3 | 22.77 | 77.7 | 22.98 |
| | -7.0 | -8.0 | 84.6 | 22.23 | 84.0 | 22.44 | 83.3 | 22.65 | 83.1 | 22.74 | 82.8 | 22.86 | 82.2 | 23.07 | 81.6 | 23.28 |
| | -5.0 | -6.0 | 88.5 | 22.47 | 87.9 | 22.68 | 87.5 | 22.92 | 87.3 | 23.04 | 87.0 | 23.13 | 86.4 | 23.37 | 85.8 | 23.58 |
| | -3.0 | -4.0 | 92.7 | 22.71 | 92.1 | 22.95 | 91.6 | 23.19 | 91.2 | 23.31 | 90.9 | 23.43 | 90.3 | 23.67 | 89.7 | 23.88 |
| | -1.0 | -2.0 | 97.2 | 22.98 | 96.3 | 23.22 | 95.7 | 23.46 | 95.4 | 23.58 | 95.1 | 23.70 | 94.5 | 23.94 | 92.4 | 23.73 |
| | 0.0 | -1.0 | 99.3 | 23.10 | 98.4 | 23.34 | 97.8 | 23.58 | 97.5 | 23.70 | 97.2 | 23.82 | 96.3 | 24.09 | 92.4 | 23.22 |
| | 2.0 | 1.0 | 103.5 | 23.34 | 102.6 | 23.58 | 102.0 | 23.85 | 101.7 | 23.97 | 101.1 | 24.09 | 100.5 | 24.36 | 92.4 | 22.20 |
| | 5.0 | 4.0 | 109.8 | 23.70 | 108.9 | 23.97 | 108.2 | 24.24 | 107.7 | 24.36 | 107.4 | 24.51 | 100.8 | 22.92 | 92.4 | 20.82 |
| | 7.0 | 6.0 | 114.0 | 23.94 | 113.1 | 24.21 | 112.3 | 24.48 | 111.9 | 24.63 | 109.2 | 24.03 | 100.8 | 21.99 | 92.4 | 19.95 |
| | 9.0 | 7.8 | 117.9 | 24.15 | 117.0 | 24.42 | 116.0 | 24.69 | 113.4 | 24.15 | 109.2 | 23.16 | 100.8 | 21.18 | 92.4 | 19.23 |
| | 12.0 | 10.6 | 123.6 | 24.45 | 122.7 | 24.75 | 117.6 | 23.76 | 113.4 | 22.80 | 109.2 | 21.84 | 100.8 | 19.98 | 92.4 | 18.15 |
| | 15.0 | 13.5 | 129.9 | 24.78 | 126.0 | 24.24 | 117.6 | 22.41 | 113.4 | 21.51 | 109.2 | 20.61 | 100.8 | 18.84 | 92.4 | 17.13 |
| 109.2 (130%) | -20.0 | -20.7 | 58.5 | 20.67 | 58.2 | 20.82 | 57.8 | 20.94 | 57.6 | 21.03 | 57.3 | 21.09 | 57.0 | 21.24 | 56.7 | 21.39 |
| | -15.0 | -16.0 | 67.8 | 21.30 | 67.2 | 21.48 | 66.9 | 21.63 | 66.6 | 21.72 | 66.6 | 21.81 | 66.0 | 21.99 | 65.4 | 22.17 |
| | -12.0 | -13.0 | 73.8 | 21.72 | 73.2 | 21.90 | 72.8 | 22.08 | 72.6 | 22.17 | 72.3 | 22.26 | 72.0 | 22.47 | 71.4 | 22.65 |
| | -9.0 | -10.0 | 79.8 | 22.11 | 79.5 | 22.32 | 78.9 | 22.53 | 78.6 | 22.62 | 78.3 | 22.71 | 77.7 | 22.92 | 77.4 | 23.13 |
| | -7.0 | -8.0 | 84.0 | 22.38 | 83.4 | 22.59 | 82.9 | 22.80 | 82.5 | 22.92 | 82.5 | 23.01 | 81.9 | 23.25 | 81.3 | 23.46 |
| | -5.0 | -6.0 | 88.2 | 22.65 | 87.6 | 22.86 | 87.0 | 23.10 | 86.7 | 23.22 | 86.4 | 23.31 | 85.8 | 23.55 | 85.2 | 23.76 |
| | -3.0 | -4.0 | 92.4 | 22.92 | 91.8 | 23.16 | 91.1 | 23.37 | 90.6 | 23.49 | 90.3 | 23.61 | 89.7 | 23.85 | 85.8 | 22.89 |
| | -1.0 | -2.0 | 96.6 | 23.19 | 95.7 | 23.43 | 95.1 | 23.67 | 94.8 | 23.79 | 94.5 | 23.91 | 93.6 | 24.09 | 85.8 | 21.87 |
| | 0.0 | -1.0 | 98.7 | 23.31 | 97.8 | 23.55 | 97.2 | 23.82 | 96.9 | 23.94 | 96.6 | 24.06 | 93.6 | 23.55 | 85.8 | 21.39 |
| | 2.0 | 1.0 | 102.6 | 23.58 | 102.0 | 23.82 | 101.3 | 24.09 | 100.8 | 24.21 | 100.5 | 24.33 | 93.6 | 22.53 | 85.8 | 20.49 |
| | 5.0 | 4.0 | 108.9 | 23.97 | 108.3 | 24.24 | 107.4 | 24.48 | 105.3 | 24.09 | 101.4 | 23.07 | 93.6 | 21.12 | 85.8 | 19.20 |
| | 7.0 | 6.0 | 113.1 | 24.21 | 112.2 | 24.48 | 109.2 | 24.03 | 105.3 | 23.07 | 101.4 | 22.11 | 93.6 | 20.25 | 85.8 | 18.42 |
| | 9.0 | 7.8 | 117.0 | 24.45 | 116.1 | 24.72 | 109.2 | 23.16 | 105.3 | 22.23 | 101.4 | 21.30 | 93.6 | 19.50 | 85.8 | 17.73 |
| | 12.0 | 10.6 | 122.7 | 24.78 | 117.0 | 23.64 | 109.2 | 21.84 | 105.3 | 20.97 | 101.4 | 20.10 | 93.6 | 18.42 | 85.8 | 16.77 |
| | 15.0 | 13.5 | 124.8 | 24.00 | 117.0 | 22.26 | 109.2 | 20.61 | 105.3 | 19.77 | 101.4 | 18.96 | 93.6 | 17.37 | 85.8 | 15.81 |
| 100.8 (120%) | -20.0 | -20.7 | 58.5 | 20.76 | 57.9 | 20.88 | 57.5 | 21.03 | 57.3 | 21.12 | 57.0 | 21.18 | 56.7 | 21.33 | 56.4 | 21.48 |
| | -15.0 | -16.0 | 67.5 | 21.42 | 66.9 | 21.60 | 66.6 | 21.75 | 66.3 | 21.84 | 66.0 | 21.93 | 65.7 | 22.11 | 65.1 | 22.29 |
| | -12.0 | -13.0 | 73.5 | 21.84 | 72.9 | 22.05 | 72.5 | 22.23 | 72.3 | 22.32 | 72.0 | 22.41 | 71.4 | 22.59 | 71.1 | 22.80 |
| | -9.0 | -10.0 | 79.5 | 22.29 | 78.9 | 22.50 | 78.4 | 22.68 | 78.3 | 22.80 | 78.0 | 22.89 | 77.4 | 23.10 | 76.8 | 23.31 |
| | -7.0 | -8.0 | 83.4 | 22.56 | 83.1 | 22.77 | 82.4 | 23.01 | 82.2 | 23.10 | 81.9 | 23.22 | 81.3 | 23.43 | 79.2 | 23.07 |
| | -5.0 | -6.0 | 87.6 | 22.86 | 87.0 | 23.07 | 86.4 | 23.31 | 86.1 | 23.40 | 85.8 | 23.52 | 85.2 | 23.76 | 79.2 | 21.99 |
| | -3.0 | -4.0 | 91.8 | 23.13 | 91.2 | 23.37 | 90.4 | 23.61 | 90.0 | 23.73 | 89.7 | 23.85 | 86.4 | 23.07 | 79.2 | 21.00 |
| | -1.0 | -2.0 | 95.7 | 23.43 | 95.1 | 23.67 | 94.5 | 23.91 | 94.2 | 24.03 | 93.6 | 24.09 | 86.4 | 22.05 | 79.2 | 20.07 |
| | 0.0 | -1.0 | 97.8 | 23.58 | 97.2 | 23.82 | 96.5 | 24.06 | 96.0 | 24.18 | 93.6 | 23.55 | 86.4 | 21.57 | 79.2 | 19.62 |
| | 2.0 | 1.0 | 102.0 | 23.85 | 101.1 | 24.09 | 100.5 | 24.36 | 97.2 | 23.49 | 93.6 | 22.53 | 86.4 | 20.64 | 79.2 | 18.78 |
| | 5.0 | 4.0 | 108.0 | 24.27 | 107.4 | 24.54 | 100.8 | 22.92 | 97.2 | 22.02 | 93.6 | 21.12 | 86.4 | 19.35 | 79.2 | 17.61 |
| | 7.0 | 6.0 | 112.2 | 24.54 | 108.0 | 23.76 | 100.8 | 21.99 | 97.2 | 21.12 | 93.6 | 20.25 | 86.4 | 18.57 | 79.2 | 16.89 |
| | 9.0 | 7.8 | 115.2 | 24.60 | 108.0 | 22.86 | 100.8 | 21.18 | 97.2 | 20.34 | 93.6 | 19.50 | 86.4 | 17.88 | 79.2 | 16.29 |
| | 12.0 | 10.6 | 115.2 | 23.22 | 108.0 | 21.57 | 100.8 | 19.98 | 97.2 | 19.20 | 93.6 | 18.42 | 86.4 | 16.89 | 79.2 | 15.39 |
| | 15.0 | 13.5 | 115.2 | 21.87 | 108.0 | 20.34 | 100.8 | 18.84 | 97.2 | 18.12 | 93.6 | 17.37 | 86.4 | 15.93 | 79.2 | 14.52 |
| 92.4 (110%) | -20.0 | -20.7 | 58.2 | 20.85 | 57.6 | 21.00 | 57.2 | 21.15 | 57.0 | 21.21 | 56.7 | 21.27 | 56.4 | 21.42 | 56.1 | 21.57 |
| | -15.0 | -16.0 | 67.2 | 21.57 | 66.6 | 21.75 | 66.2 | 21.90 | 66.0 | 21.99 | 65.7 | 22.08 | 65.4 | 22.26 | 64.8 | 22.41 |
| | -12.0 | -13.0 | 72.9 | 22.02 | 72.6 | 22.20 | 72.0 | 22.41 | 71.7 | 22.50 | 71.4 | 22.59 | 71.1 | 22.77 | 70.5 | 22.95 |
| | -9.0 | -10.0 | 78.9 | 22.50 | 78.3 | 22.68 | 77.9 | 22.89 | 77.7 | 22.98 | 77.4 | 23.10 | 76.8 | 23.31 | 72.6 | 22.05 |
| | -7.0 | -8.0 | 83.1 | 22.80 | 82.5 | 23.01 | 81.8 | 23.22 | 81.6 | 23.31 | 81.3 | 23.43 | 79.2 | 23.07 | 72.6 | 21.00 |
| | -5.0 | -6.0 | 87.0 | 23.10 | 86.4 | 23.31 | 85.8 | 23.55 | 85.5 | 23.67 | 85.2 | 23.76 | 79.2 | 21.99 | 72.6 | 20.01 |
| | -3.0 | -4.0 | 90.9 | 23.40 | 90.3 | 23.64 | 89.7 | 23.88 | 89.1 | 23.88 | 85.8 | 22.89 | 79.2 | 21.00 | 72.6 | 19.11 |
| | -1.0 | -2.0 | 95.1 | 23.73 | 94.2 | 23.97 | 92.4 | 23.73 | 89.1 | 22.80 | 85.8 | 21.87 | 79.2 | 20.07 | 72.6 | 18.27 |
| | 0.0 | -1.0 | 96.9 | 23.88 | 96.3 | 24.12 | 92.4 | 23.22 | 89.1 | 22.29 | 85.8 | 21.39 | 79.2 | 19.62 | 72.6 | 17.88 |
| | 2.0 | 1.0 | 101.1 | 24.18 | 99.0 | 23.97 | 92.4 | 22.20 | 89.1 | 21.33 | 85.8 | 20.49 | 79.2 | 18.78 | 72.6 | 17.13 |
| | 5.0 | 4.0 | 105.6 | 24.15 | 99.0 | 22.47 | 92.4 | 20.82 | 89.1 | 20.01 | 85.8 | 19.20 | 79.2 | 17.61 | 72.6 | 16.08 |
| | 7.0 | 6.0 | 105.6 | 23.16 | 99.0 | 21.54 | 92.4 | 19.95 | 89.1 | 19.20 | 85.8 | 18.42 | 79.2 | 16.89 | 72.6 | 15.42 |
| | 9.0 | 7.8 | 105.6 | 22.29 | 99.0 | 20.76 | 92.4 | 19.23 | 89.1 | 18.48 | 85.8 | 17.73 | 79.2 | 16.29 | 72.6 | 14.85 |
| | 12.0 | 10.6 | 105.6 | 21.03 | 99.0 | 19.59 | 92.4 | 18.15 | 89.1 | 17.46 | 85.8 | 16.77 | 79.2 | 15.39 | 72.6 | 14.04 |
| | 15.0 | 13.5 | 105.6 | 19.83 | 99.0 | 18.48 | 92.4 | 17.13 | 89.1 | 16.47 | 85.8 | 15.81 | 79.2 | 14.52 | 72.6 | 13.26 |

MODEL SELECTION

| Heating capacity at rated condition: 94.5 kW (30HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 84.0 (100%) | -20.0 | -20.7 | 57.6 | 20.97 | 57.3 | 21.12 | 56.9 | 21.27 | 56.7 | 21.33 | 56.4 | 21.42 | 56.1 | 21.54 | 55.8 | 21.69 |
| | -15.0 | -16.0 | 66.6 | 21.75 | 66.3 | 21.90 | 65.8 | 22.08 | 65.4 | 22.17 | 65.4 | 22.26 | 64.8 | 22.41 | 64.5 | 22.59 |
| | -12.0 | -13.0 | 72.6 | 22.23 | 72.0 | 22.41 | 71.5 | 22.59 | 71.4 | 22.68 | 71.1 | 22.80 | 70.5 | 22.98 | 66.0 | 21.48 |
| | -9.0 | -10.0 | 78.3 | 22.71 | 77.7 | 22.92 | 77.3 | 23.13 | 77.1 | 23.22 | 76.8 | 23.34 | 72.0 | 21.84 | 66.0 | 19.92 |
| | -7.0 | -8.0 | 82.2 | 23.07 | 81.6 | 23.28 | 81.2 | 23.49 | 81.0 | 23.58 | 78.0 | 22.68 | 72.0 | 20.82 | 66.0 | 18.96 |
| | -5.0 | -6.0 | 86.1 | 23.40 | 85.5 | 23.61 | 84.0 | 23.46 | 81.0 | 22.53 | 78.0 | 21.63 | 72.0 | 19.86 | 66.0 | 18.09 |
| | -3.0 | -4.0 | 90.0 | 23.73 | 89.4 | 23.94 | 84.0 | 22.38 | 81.0 | 21.51 | 78.0 | 20.64 | 72.0 | 18.96 | 66.0 | 17.28 |
| | -1.0 | -2.0 | 93.9 | 24.06 | 90.0 | 23.07 | 84.0 | 21.39 | 81.0 | 20.55 | 78.0 | 19.74 | 72.0 | 18.12 | 66.0 | 16.53 |
| | 0.0 | -1.0 | 96.0 | 24.21 | 90.0 | 22.56 | 84.0 | 20.91 | 81.0 | 20.10 | 78.0 | 19.29 | 72.0 | 17.73 | 66.0 | 16.17 |
| | 2.0 | 1.0 | 96.0 | 23.16 | 90.0 | 21.57 | 84.0 | 20.01 | 81.0 | 19.23 | 78.0 | 18.48 | 72.0 | 16.98 | 66.0 | 15.51 |
| | 5.0 | 4.0 | 96.0 | 21.72 | 90.0 | 20.22 | 84.0 | 18.78 | 81.0 | 18.06 | 78.0 | 17.34 | 72.0 | 15.93 | 66.0 | 14.55 |
| | 7.0 | 6.0 | 96.0 | 20.82 | 90.0 | 19.41 | 84.0 | 18.00 | 81.0 | 17.31 | 78.0 | 16.62 | 72.0 | 15.27 | 66.0 | 13.95 |
| | 9.0 | 7.8 | 96.0 | 20.04 | 90.0 | 18.69 | 84.0 | 17.34 | 81.0 | 16.68 | 78.0 | 16.02 | 72.0 | 14.73 | 66.0 | 13.47 |
| | 12.0 | 10.6 | 96.0 | 18.93 | 90.0 | 17.64 | 84.0 | 16.38 | 81.0 | 15.75 | 78.0 | 15.15 | 72.0 | 13.92 | 66.0 | 12.72 |
| | 15.0 | 13.5 | 96.0 | 17.85 | 90.0 | 16.65 | 84.0 | 15.45 | 81.0 | 14.88 | 78.0 | 14.31 | 72.0 | 13.14 | 66.0 | 12.03 |
| 75.6 (90%) | -20.0 | -20.7 | 57.3 | 21.12 | 57.0 | 21.27 | 56.5 | 21.42 | 56.4 | 21.48 | 56.1 | 21.54 | 55.8 | 21.69 | 55.2 | 21.84 |
| | -15.0 | -16.0 | 66.0 | 21.93 | 65.7 | 22.11 | 65.2 | 22.29 | 65.1 | 22.38 | 64.8 | 22.44 | 64.2 | 22.62 | 59.4 | 20.82 |
| | -12.0 | -13.0 | 71.7 | 22.47 | 71.4 | 22.65 | 70.9 | 22.86 | 70.5 | 22.95 | 70.2 | 22.95 | 64.8 | 21.06 | 59.4 | 19.23 |
| | -9.0 | -10.0 | 77.7 | 23.01 | 77.1 | 23.22 | 75.6 | 23.04 | 72.9 | 22.14 | 70.2 | 21.27 | 64.8 | 19.53 | 59.4 | 17.82 |
| | -7.0 | -8.0 | 81.3 | 23.37 | 81.0 | 23.58 | 75.6 | 21.93 | 72.9 | 21.09 | 70.2 | 20.25 | 64.8 | 18.60 | 59.4 | 16.98 |
| | -5.0 | -6.0 | 85.2 | 23.73 | 81.0 | 22.53 | 75.6 | 20.91 | 72.9 | 20.10 | 70.2 | 19.32 | 64.8 | 17.76 | 59.4 | 16.23 |
| | -3.0 | -4.0 | 86.4 | 23.07 | 81.0 | 21.51 | 75.6 | 19.98 | 72.9 | 19.20 | 70.2 | 18.45 | 64.8 | 16.95 | 59.4 | 15.51 |
| | -1.0 | -2.0 | 86.4 | 22.05 | 81.0 | 20.55 | 75.6 | 19.08 | 72.9 | 18.36 | 70.2 | 17.64 | 64.8 | 16.23 | 59.4 | 14.82 |
| | 0.0 | -1.0 | 86.4 | 21.57 | 81.0 | 20.10 | 75.6 | 18.66 | 72.9 | 17.97 | 70.2 | 17.25 | 64.8 | 15.87 | 59.4 | 14.52 |
| | 2.0 | 1.0 | 86.4 | 20.64 | 81.0 | 19.23 | 75.6 | 17.88 | 72.9 | 17.19 | 70.2 | 16.53 | 64.8 | 15.21 | 59.4 | 13.89 |
| | 5.0 | 4.0 | 86.4 | 19.35 | 81.0 | 18.06 | 75.6 | 16.77 | 72.9 | 16.14 | 70.2 | 15.51 | 64.8 | 14.28 | 59.4 | 13.05 |
| | 7.0 | 6.0 | 86.4 | 18.57 | 81.0 | 17.31 | 75.6 | 16.08 | 72.9 | 15.48 | 70.2 | 14.88 | 64.8 | 13.71 | 59.4 | 12.54 |
| | 9.0 | 7.8 | 86.4 | 17.88 | 81.0 | 16.68 | 75.6 | 15.51 | 72.9 | 14.94 | 70.2 | 14.34 | 64.8 | 13.20 | 59.4 | 12.09 |
| | 12.0 | 10.6 | 86.4 | 16.89 | 81.0 | 15.75 | 75.6 | 14.67 | 72.9 | 14.10 | 70.2 | 13.56 | 64.8 | 12.51 | 59.4 | 11.43 |
| | 15.0 | 13.5 | 86.4 | 15.93 | 81.0 | 14.88 | 75.6 | 13.83 | 72.9 | 13.32 | 70.2 | 12.81 | 64.8 | 11.82 | 59.4 | 10.83 |
| 67.2 (80%) | -20.0 | -20.7 | 56.7 | 21.30 | 56.4 | 21.45 | 56.0 | 21.60 | 55.8 | 21.66 | 55.5 | 21.75 | 55.2 | 21.87 | 52.8 | 21.06 |
| | -15.0 | -16.0 | 65.4 | 22.20 | 65.1 | 22.38 | 64.6 | 22.53 | 64.2 | 22.62 | 62.4 | 21.93 | 57.6 | 20.16 | 52.8 | 18.39 |
| | -12.0 | -13.0 | 71.1 | 22.77 | 70.5 | 22.95 | 67.2 | 21.90 | 64.8 | 21.06 | 62.4 | 20.25 | 57.6 | 18.60 | 52.8 | 17.01 |
| | -9.0 | -10.0 | 76.8 | 23.37 | 72.0 | 21.84 | 67.2 | 20.31 | 64.8 | 19.53 | 62.4 | 18.78 | 57.6 | 17.28 | 52.8 | 15.78 |
| | -7.0 | -8.0 | 76.8 | 22.32 | 72.0 | 20.82 | 67.2 | 19.35 | 64.8 | 18.60 | 62.4 | 17.88 | 57.6 | 16.47 | 52.8 | 15.06 |
| | -5.0 | -6.0 | 76.8 | 21.27 | 72.0 | 19.86 | 67.2 | 18.45 | 64.8 | 17.76 | 62.4 | 17.07 | 57.6 | 15.72 | 52.8 | 14.37 |
| | -3.0 | -4.0 | 76.8 | 20.31 | 72.0 | 18.96 | 67.2 | 17.61 | 64.8 | 16.95 | 62.4 | 16.32 | 57.6 | 15.00 | 52.8 | 13.74 |
| | -1.0 | -2.0 | 76.8 | 19.41 | 72.0 | 18.12 | 67.2 | 16.86 | 64.8 | 16.23 | 62.4 | 15.60 | 57.6 | 14.37 | 52.8 | 13.14 |
| | 0.0 | -1.0 | 76.8 | 18.99 | 72.0 | 17.73 | 67.2 | 16.50 | 64.8 | 15.87 | 62.4 | 15.27 | 57.6 | 14.07 | 52.8 | 12.87 |
| | 2.0 | 1.0 | 76.8 | 18.18 | 72.0 | 16.98 | 67.2 | 15.78 | 64.8 | 15.21 | 62.4 | 14.61 | 57.6 | 13.47 | 52.8 | 12.33 |
| | 5.0 | 4.0 | 76.8 | 17.04 | 72.0 | 15.93 | 67.2 | 14.82 | 64.8 | 14.28 | 62.4 | 13.74 | 57.6 | 12.66 | 52.8 | 11.61 |
| | 7.0 | 6.0 | 76.8 | 16.35 | 72.0 | 15.27 | 67.2 | 14.22 | 64.8 | 13.71 | 62.4 | 13.17 | 57.6 | 12.15 | 52.8 | 11.16 |
| | 9.0 | 7.8 | 76.8 | 15.75 | 72.0 | 14.73 | 67.2 | 13.71 | 64.8 | 13.20 | 62.4 | 12.72 | 57.6 | 11.73 | 52.8 | 10.74 |
| | 12.0 | 10.6 | 76.8 | 14.91 | 72.0 | 13.92 | 67.2 | 12.96 | 64.8 | 12.51 | 62.4 | 12.03 | 57.6 | 11.10 | 52.8 | 10.17 |
| | 15.0 | 13.5 | 76.8 | 14.07 | 72.0 | 13.14 | 67.2 | 12.24 | 64.8 | 11.82 | 62.4 | 11.37 | 57.6 | 10.50 | 52.8 | 9.63 |
| 58.8 (70%) | -20.0 | -20.7 | 56.1 | 21.54 | 55.8 | 21.69 | 55.3 | 21.84 | 55.2 | 21.90 | 54.6 | 21.81 | 50.4 | 20.07 | 46.2 | 18.33 |
| | -15.0 | -16.0 | 64.5 | 22.53 | 63.0 | 22.17 | 58.8 | 20.58 | 56.7 | 19.83 | 54.6 | 19.05 | 50.4 | 17.55 | 46.2 | 16.05 |
| | -12.0 | -13.0 | 67.2 | 21.90 | 63.0 | 20.46 | 58.8 | 19.02 | 56.7 | 18.30 | 54.6 | 17.61 | 50.4 | 16.20 | 46.2 | 14.85 |
| | -9.0 | -10.0 | 67.2 | 20.31 | 63.0 | 18.96 | 58.8 | 17.64 | 56.7 | 16.98 | 54.6 | 16.35 | 50.4 | 15.06 | 46.2 | 13.80 |
| | -7.0 | -8.0 | 67.2 | 19.35 | 63.0 | 18.06 | 58.8 | 16.80 | 56.7 | 16.20 | 54.6 | 15.57 | 50.4 | 14.37 | 46.2 | 13.17 |
| | -5.0 | -6.0 | 67.2 | 18.45 | 63.0 | 17.25 | 58.8 | 16.05 | 56.7 | 15.45 | 54.6 | 14.88 | 50.4 | 13.71 | 46.2 | 12.57 |
| | -3.0 | -4.0 | 67.2 | 17.61 | 63.0 | 16.47 | 58.8 | 15.33 | 56.7 | 14.76 | 54.6 | 14.22 | 50.4 | 13.11 | 46.2 | 12.03 |
| | -1.0 | -2.0 | 67.2 | 16.86 | 63.0 | 15.75 | 58.8 | 14.67 | 56.7 | 14.13 | 54.6 | 13.62 | 50.4 | 12.54 | 46.2 | 11.52 |
| | 0.0 | -1.0 | 67.2 | 16.50 | 63.0 | 15.42 | 58.8 | 14.37 | 56.7 | 13.83 | 54.6 | 13.32 | 50.4 | 12.30 | 46.2 | 11.28 |
| | 2.0 | 1.0 | 67.2 | 15.78 | 63.0 | 14.76 | 58.8 | 13.77 | 56.7 | 13.26 | 54.6 | 12.78 | 50.4 | 11.79 | 46.2 | 10.83 |
| | 5.0 | 4.0 | 67.2 | 14.82 | 63.0 | 13.86 | 58.8 | 12.93 | 56.7 | 12.45 | 54.6 | 12.00 | 50.4 | 11.07 | 46.2 | 10.17 |
| | 7.0 | 6.0 | 67.2 | 14.22 | 63.0 | 13.32 | 58.8 | 12.42 | 56.7 | 11.97 | 54.6 | 11.52 | 50.4 | 10.65 | 46.2 | 9.78 |
| | 9.0 | 7.8 | 67.2 | 13.71 | 63.0 | 12.84 | 58.8 | 11.97 | 56.7 | 11.55 | 54.6 | 11.13 | 50.4 | 10.26 | 46.2 | 9.45 |
| | 12.0 | 10.6 | 67.2 | 12.96 | 63.0 | 12.15 | 58.8 | 11.34 | 56.7 | 10.92 | 54.6 | 10.53 | 50.4 | 9.72 | 46.2 | 8.94 |
| | 15.0 | 13.5 | 67.2 | 12.24 | 63.0 | 11.46 | 58.8 | 10.71 | 56.7 | 10.32 | 54.6 | 9.96 | 50.4 | 9.21 | 46.2 | 8.46 |
| 50.4 (60%) | -20.0 | -20.7 | 55.2 | 21.87 | 54.0 | 21.57 | 50.4 | 20.07 | 48.6 | 19.32 | 46.8 | 18.60 | 43.2 | 17.13 | 39.6 | 15.69 |
| | -15.0 | -16.0 | 57.6 | 20.16 | 54.0 | 18.84 | 50.4 | 17.55 | 48.6 | 16.89 | 46.8 | 16.26 | 43.2 | 15.00 | 39.6 | 13.74 |
| | -12.0 | -13.0 | 57.6 | 18.60 | 54.0 | 17.40 | 50.4 | 16.20 | 48.6 | 15.63 | 46.8 | 15.03 | 43.2 | 13.86 | 39.6 | 12.72 |
| | -9.0 | -10.0 | 57.6 | 17.28 | 54.0 | 16.14 | 50.4 | 15.06 | 48.6 | 14.52 | 46.8 | 13.98 | 43.2 | 12.90 | 39.6 | 11.85 |
| | -7.0 | -8.0 | 57.6 | 16.47 | 54.0 | 15.39 | 50.4 | 14.37 | 48.6 | 13.83 | 46.8 | 13.32 | 43.2 | 12.30 | 39.6 | 11.31 |
| | -5.0 | -6.0 | 57.6 | 15.72 | 54.0 | 14.70 | 50.4 | 13.71 | 48.6 | 13.23 | 46.8 | 12.72 | 43.2 | 11.76 | 39.6 | 10.80 |
| | -3.0 | -4.0 | 57.6 | 15.00 | 54.0 | 14.07 | 50.4 | 13.11 | 48.6 | 12.66 | 46.8 | 12.18 | 43.2 | 11.25 | 39.6 | 10.35 |
| | -1.0 | -2.0 | 57.6 | 14.37 | 54.0 | 13.47 | 50.4 | 12.54 | 48.6 | 12.12 | 46.8 | 11.67 | 43.2 | 10.80 | 39.6 | 9.93 |
| | 0.0 | -1.0 | 57.6 | 14.07 | 54.0 | 13.17 | 50.4 | 12.30 | 48.6 | 11.85 | 46.8 | 11.43 | 43.2 | 10.56 | 39.6 | 9.72 |
| | 2.0 | 1.0 | 57.6 | 13.47 | 54.0 | 12.63 | 50.4 | 11.79 | 48.6 | 11.37 | 46.8 | 10.95 | 43.2 | 10.14 | 39.6 | 9.33 |
| | 5.0 | 4.0 | 57.6 | 12.66 | 54.0 | 11.88 | 50.4 | 11.07 | 48.6 | 10.68 | 46.8 | 10.32 | 43.2 | 9.54 | 39.6 | 8.79 |
| | 7.0 | 6.0 | 57.6 | 12.15 | 54.0 | 11.40 | 50.4 | 10.65 | 48.6 | 10.26 | 46.8 | 9.90 | 43.2 | 9.18 | 39.6 | 8.46 |
| | 9.0 | 7.8 | 57.6 | 11.73 | 54.0 | 11.01 | 50.4 | 10.26 | 48.6 | 9.93 | 46.8 | 9.57 | 43.2 | 8.85 | 39.6 | 8.16 |
| | 12.0 | 10.6 | 57.6 | 11.10 | 54.0 | 10.41 | 50.4 | 9.72 | 48.6 | 9.39 | 46.8 | 9.06 | 43.2 | 8.40 | 39.6 | 7.74 |
| | 15.0 | 13.5 | 57.6 | 10.50 | 54.0 | 9.84 | 50.4 | 9.21 | 48.6 | 8.88 | 46.8 | 8.58 | 43.2 | 7.95 | 39.6 | 7.32 |

MODEL SELECTION

| Heating capacity at rated condition: 94.5 kW (30HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 42.0 (50%) | -20.0 | -20.7 | 48.0 | 19.08 | 45.0 | 17.85 | 42.0 | 16.65 | 40.5 | 16.05 | 39.0 | 15.45 | 36.0 | 14.25 | 33.0 | 13.08 |
| | -15.0 | -16.0 | 48.0 | 16.68 | 45.0 | 15.63 | 42.0 | 14.58 | 40.5 | 14.04 | 39.0 | 13.53 | 36.0 | 12.51 | 33.0 | 11.49 |
| | -12.0 | -13.0 | 48.0 | 15.42 | 45.0 | 14.46 | 42.0 | 13.50 | 40.5 | 13.02 | 39.0 | 12.54 | 36.0 | 11.58 | 33.0 | 10.65 |
| | -9.0 | -10.0 | 48.0 | 14.34 | 45.0 | 13.44 | 42.0 | 12.54 | 40.5 | 12.09 | 39.0 | 11.67 | 36.0 | 10.80 | 33.0 | 9.93 |
| | -7.0 | -8.0 | 48.0 | 13.68 | 45.0 | 12.81 | 42.0 | 11.97 | 40.5 | 11.55 | 39.0 | 11.13 | 36.0 | 10.32 | 33.0 | 9.48 |
| | -5.0 | -6.0 | 48.0 | 13.05 | 45.0 | 12.24 | 42.0 | 11.43 | 40.5 | 11.04 | 39.0 | 10.65 | 36.0 | 9.87 | 33.0 | 9.09 |
| | -3.0 | -4.0 | 48.0 | 12.48 | 45.0 | 11.73 | 42.0 | 10.95 | 40.5 | 10.56 | 39.0 | 10.20 | 36.0 | 9.45 | 33.0 | 8.70 |
| | -1.0 | -2.0 | 48.0 | 11.97 | 45.0 | 11.22 | 42.0 | 10.50 | 40.5 | 10.14 | 39.0 | 9.78 | 36.0 | 9.06 | 33.0 | 8.34 |
| | 0.0 | -1.0 | 48.0 | 11.70 | 45.0 | 10.98 | 42.0 | 10.29 | 40.5 | 9.93 | 39.0 | 9.57 | 36.0 | 8.88 | 33.0 | 8.19 |
| | 2.0 | 1.0 | 48.0 | 11.22 | 45.0 | 10.53 | 42.0 | 9.87 | 40.5 | 9.51 | 39.0 | 9.18 | 36.0 | 8.52 | 33.0 | 7.86 |
| | 5.0 | 4.0 | 48.0 | 10.56 | 45.0 | 9.93 | 42.0 | 9.30 | 40.5 | 8.97 | 39.0 | 8.67 | 36.0 | 8.04 | 33.0 | 7.41 |
| | 7.0 | 6.0 | 48.0 | 10.14 | 45.0 | 9.54 | 42.0 | 8.94 | 40.5 | 8.64 | 39.0 | 8.34 | 36.0 | 7.74 | 33.0 | 7.14 |
| | 9.0 | 7.8 | 48.0 | 9.81 | 45.0 | 9.21 | 42.0 | 8.61 | 40.5 | 8.34 | 39.0 | 8.04 | 36.0 | 7.47 | 33.0 | 6.90 |
| | 12.0 | 10.6 | 48.0 | 9.27 | 45.0 | 8.73 | 42.0 | 8.19 | 40.5 | 7.89 | 39.0 | 7.62 | 36.0 | 7.08 | 33.0 | 6.57 |
| | 15.0 | 13.5 | 48.0 | 8.79 | 45.0 | 8.25 | 42.0 | 7.74 | 40.5 | 7.50 | 39.0 | 7.23 | 36.0 | 6.72 | 33.0 | 6.21 |

# ■ Model: AJ∗288GALDHH

| Heating capacity at rated condition: 101.5 kW (32HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 135.6 (150%) | -20.0 | -20.7 | 63.8 | 20.86 | 63.1 | 21.06 | 62.5 | 21.25 | 62.2 | 21.34 | 61.9 | 21.43 | 61.2 | 21.62 | 60.6 | 21.82 |
| | -15.0 | -16.0 | 73.0 | 21.66 | 72.4 | 21.89 | 71.8 | 22.13 | 71.5 | 22.24 | 71.2 | 22.37 | 70.7 | 22.60 | 70.1 | 22.84 |
| | -12.0 | -13.0 | 79.2 | 22.17 | 78.6 | 22.43 | 78.1 | 22.68 | 77.8 | 22.82 | 77.5 | 22.95 | 77.0 | 23.21 | 76.4 | 23.48 |
| | -9.0 | -10.0 | 85.7 | 22.68 | 85.1 | 22.96 | 84.6 | 23.24 | 84.2 | 23.39 | 84.1 | 23.53 | 83.5 | 23.82 | 82.9 | 24.11 |
| | -7.0 | -8.0 | 90.1 | 23.01 | 89.5 | 23.31 | 89.0 | 23.62 | 88.7 | 23.77 | 88.4 | 23.91 | 87.8 | 24.21 | 87.3 | 24.53 |
| | -5.0 | -6.0 | 94.6 | 23.35 | 94.1 | 23.67 | 93.5 | 23.98 | 93.2 | 24.14 | 92.9 | 24.30 | 92.3 | 24.63 | 91.8 | 24.94 |
| | -3.0 | -4.0 | 99.2 | 23.69 | 98.7 | 24.01 | 98.0 | 24.35 | 97.7 | 24.52 | 97.4 | 24.68 | 96.9 | 25.02 | 96.2 | 25.36 |
| | -1.0 | -2.0 | 103.8 | 24.03 | 103.2 | 24.37 | 102.6 | 24.73 | 102.3 | 24.89 | 102.0 | 25.07 | 101.3 | 25.42 | 100.8 | 25.76 |
| | 0.0 | -1.0 | 106.1 | 24.20 | 105.6 | 24.55 | 104.9 | 24.90 | 104.6 | 25.08 | 104.2 | 25.26 | 103.7 | 25.61 | 103.0 | 25.97 |
| | 2.0 | 1.0 | 110.9 | 24.54 | 110.2 | 24.90 | 109.6 | 25.27 | 109.3 | 25.44 | 108.9 | 25.64 | 108.2 | 26.00 | 106.1 | 25.89 |
| | 5.0 | 4.0 | 118.0 | 25.03 | 117.4 | 25.41 | 116.6 | 25.80 | 116.3 | 26.00 | 115.8 | 26.19 | 114.7 | 26.45 | 106.5 | 24.44 |
| | 7.0 | 6.0 | 122.9 | 25.37 | 122.1 | 25.77 | 121.3 | 26.16 | 121.0 | 26.35 | 120.5 | 26.56 | 116.2 | 25.85 | 106.5 | 23.44 |
| | 9.0 | 7.8 | 127.2 | 25.67 | 126.4 | 26.07 | 125.5 | 26.48 | 125.2 | 26.67 | 124.5 | 26.81 | 116.2 | 24.90 | 106.5 | 22.59 |
| | 12.0 | 10.6 | 134.0 | 26.12 | 132.9 | 26.55 | 132.1 | 26.96 | 130.8 | 26.91 | 125.9 | 25.77 | 116.2 | 23.51 | 106.5 | 21.33 |
| | 15.0 | 13.5 | 140.7 | 26.59 | 139.9 | 27.01 | 135.6 | 26.46 | 130.8 | 25.37 | 125.9 | 24.28 | 116.2 | 22.18 | 106.5 | 20.12 |
| 126.5 (140%) | -20.0 | -20.7 | 63.5 | 20.95 | 62.9 | 21.14 | 62.2 | 21.33 | 61.9 | 21.42 | 61.6 | 21.53 | 61.0 | 21.71 | 60.4 | 21.91 |
| | -15.0 | -16.0 | 72.6 | 21.78 | 72.0 | 22.02 | 71.5 | 22.25 | 71.2 | 22.37 | 70.9 | 22.49 | 70.4 | 22.72 | 69.8 | 22.96 |
| | -12.0 | -13.0 | 78.9 | 22.31 | 78.4 | 22.58 | 77.8 | 22.83 | 77.5 | 22.96 | 77.2 | 23.10 | 76.7 | 23.35 | 76.1 | 23.63 |
| | -9.0 | -10.0 | 85.4 | 22.85 | 84.7 | 23.14 | 84.2 | 23.42 | 83.9 | 23.56 | 83.6 | 23.70 | 83.2 | 23.99 | 82.5 | 24.28 |
| | -7.0 | -8.0 | 89.7 | 23.22 | 89.2 | 23.51 | 88.6 | 23.81 | 88.3 | 23.95 | 88.0 | 24.11 | 87.5 | 24.42 | 87.0 | 24.72 |
| | -5.0 | -6.0 | 94.2 | 23.57 | 93.6 | 23.88 | 93.1 | 24.20 | 92.9 | 24.37 | 92.6 | 24.52 | 91.9 | 24.83 | 91.4 | 25.15 |
| | -3.0 | -4.0 | 98.7 | 23.93 | 98.1 | 24.25 | 97.6 | 24.59 | 97.3 | 24.76 | 97.0 | 24.92 | 96.4 | 25.26 | 95.7 | 25.56 |
| | -1.0 | -2.0 | 103.4 | 24.29 | 102.7 | 24.63 | 102.2 | 24.98 | 101.9 | 25.16 | 101.6 | 25.32 | 100.9 | 25.68 | 98.7 | 25.51 |
| | 0.0 | -1.0 | 105.7 | 24.47 | 105.0 | 24.82 | 104.4 | 25.17 | 104.1 | 25.35 | 103.8 | 25.52 | 103.1 | 25.89 | 99.4 | 25.21 |
| | 2.0 | 1.0 | 110.4 | 24.83 | 109.7 | 25.19 | 109.1 | 25.56 | 108.8 | 25.74 | 108.4 | 25.92 | 107.1 | 26.11 | 99.4 | 24.13 |
| | 5.0 | 4.0 | 117.4 | 25.36 | 116.6 | 25.75 | 116.0 | 26.14 | 115.6 | 26.32 | 115.1 | 26.48 | 108.5 | 24.94 | 99.4 | 22.64 |
| | 7.0 | 6.0 | 122.1 | 25.72 | 121.3 | 26.11 | 120.6 | 26.51 | 120.0 | 26.67 | 117.5 | 26.18 | 108.5 | 23.92 | 99.4 | 21.71 |
| | 9.0 | 7.8 | 126.4 | 26.04 | 125.6 | 26.45 | 124.7 | 26.82 | 122.0 | 26.32 | 117.5 | 25.22 | 108.5 | 23.04 | 99.4 | 20.93 |
| | 12.0 | 10.6 | 133.0 | 26.53 | 132.1 | 26.95 | 126.5 | 25.91 | 122.0 | 24.86 | 117.5 | 23.80 | 108.5 | 21.76 | 99.4 | 19.77 |
| | 15.0 | 13.5 | 139.9 | 27.03 | 135.6 | 26.46 | 126.5 | 24.44 | 122.0 | 23.44 | 117.5 | 22.45 | 108.5 | 20.53 | 99.4 | 18.66 |
| 117.5 (130%) | -20.0 | -20.7 | 63.1 | 21.05 | 62.5 | 21.24 | 61.9 | 21.42 | 61.6 | 21.53 | 61.2 | 21.62 | 60.7 | 21.81 | 60.1 | 22.02 |
| | -15.0 | -16.0 | 72.3 | 21.93 | 71.7 | 22.16 | 71.2 | 22.39 | 70.9 | 22.50 | 70.7 | 22.62 | 70.0 | 22.86 | 69.4 | 23.10 |
| | -12.0 | -13.0 | 78.5 | 22.49 | 77.9 | 22.75 | 77.4 | 23.00 | 77.1 | 23.13 | 76.9 | 23.27 | 76.4 | 23.53 | 75.7 | 23.80 |
| | -9.0 | -10.0 | 84.9 | 23.05 | 84.4 | 23.34 | 83.8 | 23.62 | 83.6 | 23.76 | 83.3 | 23.90 | 82.7 | 24.19 | 82.3 | 24.48 |
| | -7.0 | -8.0 | 89.3 | 23.44 | 88.7 | 23.74 | 88.2 | 24.03 | 87.9 | 24.19 | 87.7 | 24.33 | 87.1 | 24.65 | 86.6 | 24.95 |
| | -5.0 | -6.0 | 93.8 | 23.82 | 93.2 | 24.13 | 92.6 | 24.45 | 92.3 | 24.61 | 92.1 | 24.76 | 91.5 | 25.09 | 90.2 | 25.17 |
| | -3.0 | -4.0 | 98.3 | 24.20 | 97.7 | 24.53 | 97.1 | 24.86 | 96.8 | 25.03 | 96.5 | 25.19 | 95.9 | 25.53 | 92.4 | 24.84 |
| | -1.0 | -2.0 | 102.9 | 24.59 | 102.2 | 24.93 | 101.6 | 25.28 | 101.3 | 25.45 | 101.0 | 25.63 | 99.5 | 25.68 | 92.4 | 23.74 |
| | 0.0 | -1.0 | 105.2 | 24.78 | 104.5 | 25.12 | 103.9 | 25.49 | 103.6 | 25.66 | 103.3 | 25.84 | 100.6 | 25.51 | 92.4 | 23.23 |
| | 2.0 | 1.0 | 109.7 | 25.17 | 109.1 | 25.52 | 108.4 | 25.90 | 108.1 | 26.08 | 107.3 | 26.12 | 100.8 | 24.48 | 92.4 | 22.25 |
| | 5.0 | 4.0 | 116.7 | 25.74 | 116.0 | 26.13 | 115.2 | 26.47 | 113.3 | 26.20 | 109.1 | 25.10 | 100.8 | 22.97 | 92.4 | 20.88 |
| | 7.0 | 6.0 | 121.3 | 26.13 | 120.6 | 26.52 | 117.5 | 26.18 | 113.3 | 25.12 | 109.1 | 24.07 | 100.8 | 22.03 | 92.4 | 20.04 |
| | 9.0 | 7.8 | 125.6 | 26.47 | 124.5 | 26.80 | 117.5 | 25.22 | 113.3 | 24.20 | 109.1 | 23.20 | 100.8 | 21.23 | 92.4 | 19.31 |
| | 12.0 | 10.6 | 132.0 | 27.00 | 125.9 | 25.77 | 117.5 | 23.80 | 113.3 | 22.85 | 109.1 | 21.91 | 100.8 | 20.05 | 92.4 | 18.25 |
| | 15.0 | 13.5 | 134.3 | 26.17 | 125.9 | 24.28 | 117.5 | 22.45 | 113.3 | 21.55 | 109.1 | 20.66 | 100.8 | 18.92 | 92.4 | 17.22 |
| 108.4 (120%) | -20.0 | -20.7 | 62.9 | 21.17 | 62.2 | 21.35 | 61.5 | 21.54 | 61.2 | 21.64 | 60.9 | 21.74 | 60.3 | 21.93 | 59.8 | 22.13 |
| | -15.0 | -16.0 | 71.9 | 22.09 | 71.3 | 22.33 | 70.8 | 22.55 | 70.5 | 22.67 | 70.2 | 22.79 | 69.7 | 23.03 | 69.1 | 23.27 |
| | -12.0 | -13.0 | 78.1 | 22.68 | 77.5 | 22.95 | 77.0 | 23.21 | 76.7 | 23.33 | 76.5 | 23.46 | 75.9 | 23.72 | 75.3 | 23.99 |
| | -9.0 | -10.0 | 84.5 | 23.30 | 83.9 | 23.58 | 83.4 | 23.86 | 83.2 | 24.01 | 82.9 | 24.15 | 82.3 | 24.44 | 81.4 | 24.61 |
| | -7.0 | -8.0 | 88.8 | 23.69 | 88.3 | 24.00 | 87.7 | 24.30 | 87.5 | 24.45 | 87.2 | 24.60 | 86.6 | 24.90 | 84.2 | 24.55 |
| | -5.0 | -6.0 | 93.3 | 24.11 | 92.6 | 24.41 | 92.1 | 24.74 | 91.8 | 24.89 | 91.5 | 25.06 | 90.4 | 25.19 | 85.2 | 23.82 |
| | -3.0 | -4.0 | 97.7 | 24.51 | 97.2 | 24.85 | 96.5 | 25.18 | 96.2 | 25.34 | 96.0 | 25.52 | 92.8 | 24.98 | 85.2 | 22.76 |
| | -1.0 | -2.0 | 102.2 | 24.94 | 101.6 | 25.28 | 101.0 | 25.62 | 100.8 | 25.80 | 99.6 | 25.68 | 92.9 | 23.93 | 85.2 | 21.78 |
| | 0.0 | -1.0 | 104.5 | 25.15 | 103.9 | 25.49 | 103.2 | 25.84 | 102.4 | 25.87 | 100.6 | 25.51 | 92.9 | 23.41 | 85.2 | 21.31 |
| | 2.0 | 1.0 | 109.0 | 25.55 | 108.4 | 25.92 | 107.1 | 26.10 | 104.6 | 25.53 | 100.8 | 24.48 | 92.9 | 22.42 | 85.2 | 20.41 |
| | 5.0 | 4.0 | 115.9 | 26.19 | 114.8 | 26.43 | 108.4 | 24.94 | 104.6 | 23.95 | 100.8 | 22.97 | 92.9 | 21.04 | 85.2 | 19.16 |
| | 7.0 | 6.0 | 120.5 | 26.60 | 116.2 | 25.85 | 108.4 | 23.92 | 104.6 | 22.97 | 100.8 | 22.03 | 92.9 | 20.19 | 85.2 | 18.38 |
| | 9.0 | 7.8 | 123.7 | 26.70 | 116.2 | 24.90 | 108.4 | 23.04 | 104.6 | 22.13 | 100.8 | 21.23 | 92.9 | 19.45 | 85.2 | 17.72 |
| | 12.0 | 10.6 | 124.0 | 25.31 | 116.2 | 23.51 | 108.4 | 21.76 | 104.6 | 20.90 | 100.8 | 20.05 | 92.9 | 18.39 | 85.2 | 16.75 |
| | 15.0 | 13.5 | 124.0 | 23.85 | 116.2 | 22.18 | 108.4 | 20.53 | 104.6 | 19.73 | 100.8 | 18.92 | 92.9 | 17.35 | 85.2 | 15.82 |
| 99.4 (110%) | -20.0 | -20.7 | 62.4 | 21.30 | 61.7 | 21.49 | 61.1 | 21.68 | 60.8 | 21.77 | 60.5 | 21.87 | 59.9 | 22.06 | 59.3 | 22.25 |
| | -15.0 | -16.0 | 71.5 | 22.28 | 70.9 | 22.52 | 70.3 | 22.74 | 70.0 | 22.87 | 69.8 | 22.98 | 69.3 | 23.22 | 68.7 | 23.45 |
| | -12.0 | -13.0 | 77.5 | 22.92 | 77.1 | 23.18 | 76.5 | 23.44 | 76.2 | 23.57 | 75.9 | 23.69 | 75.5 | 23.96 | 74.4 | 24.04 |
| | -9.0 | -10.0 | 83.9 | 23.57 | 83.3 | 23.85 | 82.8 | 24.14 | 82.6 | 24.27 | 82.3 | 24.42 | 81.4 | 24.59 | 78.1 | 23.80 |
| | -7.0 | -8.0 | 88.3 | 24.01 | 87.7 | 24.30 | 87.1 | 24.61 | 86.8 | 24.75 | 86.6 | 24.91 | 84.2 | 24.55 | 78.2 | 22.72 |
| | -5.0 | -6.0 | 92.6 | 24.44 | 92.1 | 24.76 | 91.5 | 25.07 | 91.2 | 25.24 | 90.3 | 25.15 | 85.2 | 23.82 | 78.2 | 21.68 |
| | -3.0 | -4.0 | 97.0 | 24.88 | 96.5 | 25.22 | 95.8 | 25.52 | 94.6 | 25.38 | 92.4 | 24.84 | 85.2 | 22.76 | 78.2 | 20.73 |
| | -1.0 | -2.0 | 101.6 | 25.35 | 100.8 | 25.69 | 98.8 | 25.50 | 95.9 | 24.75 | 92.4 | 23.75 | 85.2 | 21.78 | 78.2 | 19.84 |
| | 0.0 | -1.0 | 103.7 | 25.57 | 103.1 | 25.92 | 99.4 | 25.21 | 95.9 | 24.21 | 92.4 | 23.23 | 85.2 | 21.30 | 78.2 | 19.41 |
| | 2.0 | 1.0 | 108.2 | 26.02 | 106.1 | 25.89 | 99.4 | 24.13 | 95.9 | 23.18 | 92.4 | 22.25 | 85.2 | 20.41 | 78.2 | 18.61 |
| | 5.0 | 4.0 | 113.5 | 26.23 | 106.5 | 24.44 | 99.4 | 22.64 | 95.9 | 21.75 | 92.4 | 20.88 | 85.2 | 19.16 | 78.2 | 17.47 |
| | 7.0 | 6.0 | 113.7 | 25.20 | 106.5 | 23.44 | 99.4 | 21.71 | 95.9 | 20.87 | 92.4 | 20.04 | 85.2 | 18.38 | 78.2 | 16.77 |
| | 9.0 | 7.8 | 113.7 | 24.28 | 106.5 | 22.59 | 99.4 | 20.93 | 95.9 | 20.12 | 92.4 | 19.31 | 85.2 | 17.72 | 78.2 | 16.17 |
| | 12.0 | 10.6 | 113.7 | 22.93 | 106.5 | 21.33 | 99.4 | 19.77 | 95.9 | 19.00 | 92.4 | 18.25 | 85.2 | 16.75 | 78.2 | 15.29 |
| | 15.0 | 13.5 | 113.7 | 21.62 | 106.5 | 20.12 | 99.4 | 18.66 | 95.9 | 17.93 | 92.4 | 17.22 | 85.2 | 15.82 | 78.2 | 14.44 |

MODEL SELECTION

**Heating capacity at rated condition: 101.5 kW (32HP)**

| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 90.4 (100%) | -20.0 | -20.7 | 61.7 | 21.45 | 61.1 | 21.64 | 60.6 | 21.84 | 60.3 | 21.93 | 60.0 | 22.03 | 59.4 | 22.22 | 58.9 | 22.42 |
| | -15.0 | -16.0 | 70.9 | 22.51 | 70.4 | 22.74 | 69.8 | 22.98 | 69.5 | 23.09 | 69.3 | 23.22 | 68.7 | 23.45 | 67.5 | 23.44 |
| | -12.0 | -13.0 | 77.1 | 23.20 | 76.5 | 23.46 | 75.9 | 23.72 | 75.7 | 23.85 | 75.4 | 23.99 | 74.2 | 24.01 | 70.9 | 23.15 |
| | -9.0 | -10.0 | 83.3 | 23.91 | 82.8 | 24.19 | 82.3 | 24.48 | 82.0 | 24.62 | 81.1 | 24.53 | 77.5 | 23.64 | 71.0 | 21.55 |
| | -7.0 | -8.0 | 87.6 | 24.39 | 87.0 | 24.70 | 86.3 | 24.94 | 85.4 | 24.81 | 83.5 | 24.36 | 77.5 | 22.54 | 71.0 | 20.54 |
| | -5.0 | -6.0 | 92.0 | 24.88 | 91.3 | 25.20 | 89.3 | 24.96 | 87.2 | 24.42 | 83.9 | 23.44 | 77.5 | 21.52 | 71.0 | 19.61 |
| | -3.0 | -4.0 | 96.3 | 25.37 | 95.0 | 25.43 | 90.4 | 24.27 | 87.2 | 23.33 | 83.9 | 22.39 | 77.5 | 20.56 | 71.0 | 18.75 |
| | -1.0 | -2.0 | 100.4 | 25.76 | 96.9 | 25.04 | 90.4 | 23.21 | 87.2 | 22.31 | 83.9 | 21.42 | 77.5 | 19.67 | 71.0 | 17.95 |
| | 0.0 | -1.0 | 102.1 | 25.82 | 96.9 | 24.49 | 90.4 | 22.70 | 87.2 | 21.83 | 83.9 | 20.95 | 77.5 | 19.25 | 71.0 | 17.56 |
| | 2.0 | 1.0 | 103.3 | 25.18 | 96.9 | 23.44 | 90.4 | 21.74 | 87.2 | 20.90 | 83.9 | 20.07 | 77.5 | 18.44 | 71.0 | 16.84 |
| | 5.0 | 4.0 | 103.3 | 23.62 | 96.9 | 21.99 | 90.4 | 20.41 | 87.2 | 19.63 | 83.9 | 18.85 | 77.5 | 17.32 | 71.0 | 15.82 |
| | 7.0 | 6.0 | 103.3 | 22.65 | 96.9 | 21.11 | 90.4 | 19.58 | 87.2 | 18.83 | 83.9 | 18.09 | 77.5 | 16.62 | 71.0 | 15.19 |
| | 9.0 | 7.8 | 103.3 | 21.82 | 96.9 | 20.34 | 90.4 | 18.87 | 87.2 | 18.15 | 83.9 | 17.44 | 77.5 | 16.03 | 71.0 | 14.66 |
| | 12.0 | 10.6 | 103.3 | 20.61 | 96.9 | 19.21 | 90.4 | 17.83 | 87.2 | 17.15 | 83.9 | 16.48 | 77.5 | 15.16 | 71.0 | 13.86 |
| | 15.0 | 13.5 | 103.3 | 19.45 | 96.9 | 18.13 | 90.4 | 16.83 | 87.2 | 16.20 | 83.9 | 15.57 | 77.5 | 14.32 | 71.0 | 13.10 |
| 81.3 (90%) | -20.0 | -20.7 | 61.2 | 21.65 | 60.6 | 21.84 | 60.0 | 22.04 | 59.7 | 22.13 | 59.4 | 22.23 | 58.9 | 22.42 | 58.1 | 22.59 |
| | -15.0 | -16.0 | 70.2 | 22.78 | 69.7 | 23.02 | 69.1 | 23.25 | 68.9 | 23.37 | 68.6 | 23.48 | 67.1 | 23.34 | 63.7 | 22.39 |
| | -12.0 | -13.0 | 76.2 | 23.53 | 75.8 | 23.78 | 75.2 | 24.05 | 74.5 | 24.02 | 73.6 | 23.87 | 69.8 | 22.76 | 63.9 | 20.77 |
| | -9.0 | -10.0 | 82.6 | 24.29 | 82.0 | 24.58 | 80.0 | 24.29 | 78.2 | 23.84 | 75.5 | 23.00 | 69.8 | 21.12 | 63.9 | 19.29 |
| | -7.0 | -8.0 | 86.7 | 24.81 | 85.4 | 24.79 | 81.3 | 23.75 | 78.4 | 22.83 | 75.5 | 21.92 | 69.8 | 20.14 | 63.9 | 18.40 |
| | -5.0 | -6.0 | 90.4 | 25.14 | 87.2 | 24.42 | 81.3 | 22.65 | 78.4 | 21.79 | 75.5 | 20.93 | 69.8 | 19.24 | 63.9 | 17.58 |
| | -3.0 | -4.0 | 92.8 | 24.98 | 87.2 | 23.32 | 81.3 | 21.66 | 78.4 | 20.83 | 75.5 | 20.01 | 69.8 | 18.39 | 63.9 | 16.82 |
| | -1.0 | -2.0 | 92.9 | 23.93 | 87.2 | 22.31 | 81.3 | 20.71 | 78.4 | 19.93 | 75.5 | 19.15 | 69.8 | 17.61 | 63.9 | 16.10 |
| | 0.0 | -1.0 | 92.9 | 23.41 | 87.2 | 21.83 | 81.3 | 20.27 | 78.4 | 19.50 | 75.5 | 18.73 | 69.8 | 17.23 | 63.9 | 15.77 |
| | 2.0 | 1.0 | 92.9 | 22.42 | 87.2 | 20.90 | 81.3 | 19.42 | 78.4 | 18.68 | 75.5 | 17.95 | 69.8 | 16.52 | 63.9 | 15.11 |
| | 5.0 | 4.0 | 92.9 | 21.04 | 87.2 | 19.63 | 81.3 | 18.23 | 78.4 | 17.55 | 75.5 | 16.87 | 69.8 | 15.53 | 63.9 | 14.21 |
| | 7.0 | 6.0 | 92.9 | 20.19 | 87.2 | 18.83 | 81.3 | 17.50 | 78.4 | 16.85 | 75.5 | 16.19 | 69.8 | 14.92 | 63.9 | 13.65 |
| | 9.0 | 7.8 | 92.9 | 19.45 | 87.2 | 18.16 | 81.3 | 16.87 | 78.4 | 16.24 | 75.5 | 15.62 | 69.8 | 14.38 | 63.9 | 13.17 |
| | 12.0 | 10.6 | 92.9 | 18.39 | 87.2 | 17.16 | 81.3 | 15.96 | 78.4 | 15.36 | 75.5 | 14.77 | 69.8 | 13.62 | 63.9 | 12.47 |
| | 15.0 | 13.5 | 92.9 | 17.35 | 87.2 | 16.20 | 81.3 | 15.06 | 78.4 | 14.51 | 75.5 | 13.95 | 69.8 | 12.87 | 63.9 | 11.79 |
| 72.3 (80%) | -20.0 | -20.7 | 60.4 | 21.90 | 59.9 | 22.09 | 59.3 | 22.28 | 59.0 | 22.37 | 58.7 | 22.47 | 57.7 | 22.43 | 55.3 | 21.80 |
| | -15.0 | -16.0 | 69.4 | 23.13 | 69.0 | 23.37 | 68.0 | 23.44 | 67.1 | 23.33 | 65.7 | 22.94 | 62.0 | 21.75 | 56.8 | 19.86 |
| | -12.0 | -13.0 | 75.4 | 23.94 | 74.3 | 23.95 | 71.7 | 23.34 | 69.8 | 22.76 | 67.1 | 21.87 | 62.0 | 20.10 | 56.8 | 18.38 |
| | -9.0 | -10.0 | 80.8 | 24.45 | 77.5 | 23.63 | 72.3 | 21.96 | 69.8 | 21.12 | 67.1 | 20.31 | 62.0 | 18.69 | 56.8 | 17.08 |
| | -7.0 | -8.0 | 82.7 | 24.16 | 77.5 | 22.53 | 72.3 | 20.94 | 69.8 | 20.14 | 67.1 | 19.36 | 62.0 | 17.82 | 56.8 | 16.31 |
| | -5.0 | -6.0 | 82.7 | 23.04 | 77.5 | 21.51 | 72.3 | 19.98 | 69.8 | 19.24 | 67.1 | 18.50 | 62.0 | 17.03 | 56.8 | 15.59 |
| | -3.0 | -4.0 | 82.7 | 22.02 | 77.5 | 20.55 | 72.3 | 19.10 | 69.8 | 18.39 | 67.1 | 17.69 | 62.0 | 16.29 | 56.8 | 14.92 |
| | -1.0 | -2.0 | 82.7 | 21.06 | 77.5 | 19.67 | 72.3 | 18.29 | 69.8 | 17.61 | 67.1 | 16.93 | 62.0 | 15.60 | 56.8 | 14.29 |
| | 0.0 | -1.0 | 82.7 | 20.61 | 77.5 | 19.25 | 72.3 | 17.91 | 69.8 | 17.23 | 67.1 | 16.58 | 62.0 | 15.28 | 56.8 | 13.99 |
| | 2.0 | 1.0 | 82.7 | 19.74 | 77.5 | 18.44 | 72.3 | 17.15 | 69.8 | 16.52 | 67.1 | 15.89 | 62.0 | 14.65 | 56.8 | 13.42 |
| | 5.0 | 4.0 | 82.7 | 18.53 | 77.5 | 17.32 | 72.3 | 16.12 | 69.8 | 15.53 | 67.1 | 14.94 | 62.0 | 13.78 | 56.8 | 12.64 |
| | 7.0 | 6.0 | 82.7 | 17.79 | 77.5 | 16.62 | 72.3 | 15.47 | 69.8 | 14.92 | 67.1 | 14.35 | 62.0 | 13.23 | 56.8 | 12.15 |
| | 9.0 | 7.8 | 82.7 | 17.15 | 77.5 | 16.03 | 72.3 | 14.93 | 69.8 | 14.38 | 67.1 | 13.84 | 62.0 | 12.78 | 56.8 | 11.72 |
| | 12.0 | 10.6 | 82.7 | 16.22 | 77.5 | 15.16 | 72.3 | 14.12 | 69.8 | 13.62 | 67.1 | 13.10 | 62.0 | 12.10 | 56.8 | 11.10 |
| | 15.0 | 13.5 | 82.7 | 15.32 | 77.5 | 14.32 | 72.3 | 13.34 | 69.8 | 12.87 | 67.1 | 12.39 | 62.0 | 11.44 | 56.8 | 10.51 |
| 63.2 (70%) | -20.0 | -20.7 | 59.5 | 22.20 | 59.0 | 22.39 | 58.2 | 22.49 | 57.4 | 22.35 | 56.5 | 22.17 | 53.6 | 21.29 | 49.7 | 19.77 |
| | -15.0 | -16.0 | 68.0 | 23.41 | 66.2 | 23.05 | 63.2 | 22.22 | 61.0 | 21.40 | 58.8 | 20.56 | 54.2 | 18.94 | 49.7 | 17.33 |
| | -12.0 | -13.0 | 71.6 | 23.34 | 67.8 | 22.10 | 63.2 | 20.55 | 61.0 | 19.78 | 58.8 | 19.03 | 54.2 | 17.52 | 49.7 | 16.05 |
| | -9.0 | -10.0 | 72.3 | 21.96 | 67.8 | 20.50 | 63.2 | 19.08 | 61.0 | 18.38 | 58.8 | 17.68 | 54.2 | 16.29 | 49.7 | 14.94 |
| | -7.0 | -8.0 | 72.3 | 20.94 | 67.8 | 19.55 | 63.2 | 18.20 | 61.0 | 17.54 | 58.8 | 16.87 | 54.2 | 15.56 | 49.7 | 14.27 |
| | -5.0 | -6.0 | 72.3 | 19.98 | 67.8 | 18.68 | 63.2 | 17.40 | 61.0 | 16.75 | 58.8 | 16.12 | 54.2 | 14.87 | 49.7 | 13.65 |
| | -3.0 | -4.0 | 72.3 | 19.10 | 67.8 | 17.86 | 63.2 | 16.64 | 61.0 | 16.03 | 58.8 | 15.43 | 54.2 | 14.24 | 49.7 | 13.07 |
| | -1.0 | -2.0 | 72.3 | 18.29 | 67.8 | 17.10 | 63.2 | 15.93 | 61.0 | 15.35 | 58.8 | 14.78 | 54.2 | 13.64 | 49.7 | 12.53 |
| | 0.0 | -1.0 | 72.3 | 17.91 | 67.8 | 16.75 | 63.2 | 15.60 | 61.0 | 15.03 | 58.8 | 14.47 | 54.2 | 13.36 | 49.7 | 12.28 |
| | 2.0 | 1.0 | 72.3 | 17.15 | 67.8 | 16.05 | 63.2 | 14.96 | 61.0 | 14.41 | 58.8 | 13.89 | 54.2 | 12.83 | 49.7 | 11.78 |
| | 5.0 | 4.0 | 72.3 | 16.12 | 67.8 | 15.08 | 63.2 | 14.07 | 61.0 | 13.56 | 58.8 | 13.06 | 54.2 | 12.06 | 49.7 | 11.09 |
| | 7.0 | 6.0 | 72.3 | 15.47 | 67.8 | 14.49 | 63.2 | 13.52 | 61.0 | 13.03 | 58.8 | 12.55 | 54.2 | 11.61 | 49.7 | 10.67 |
| | 9.0 | 7.8 | 72.3 | 14.93 | 67.8 | 13.98 | 63.2 | 13.04 | 61.0 | 12.58 | 58.8 | 12.12 | 54.2 | 11.20 | 49.7 | 10.31 |
| | 12.0 | 10.6 | 72.3 | 14.12 | 67.8 | 13.23 | 63.2 | 12.35 | 61.0 | 11.91 | 58.8 | 11.48 | 54.2 | 10.61 | 49.7 | 9.77 |
| | 15.0 | 13.5 | 72.3 | 13.34 | 67.8 | 12.50 | 63.2 | 11.68 | 61.0 | 11.26 | 58.8 | 10.86 | 54.2 | 10.05 | 49.7 | 9.25 |
| 54.2 (60%) | -20.0 | -20.7 | 57.9 | 22.38 | 56.1 | 22.03 | 53.7 | 21.28 | 52.3 | 20.83 | 50.4 | 20.04 | 46.5 | 18.47 | 42.7 | 16.92 |
| | -15.0 | -16.0 | 62.0 | 21.75 | 58.1 | 20.33 | 54.2 | 18.94 | 52.3 | 18.24 | 50.4 | 17.55 | 46.5 | 16.20 | 42.7 | 14.86 |
| | -12.0 | -13.0 | 62.0 | 20.10 | 58.1 | 18.81 | 54.2 | 17.52 | 52.3 | 16.90 | 50.4 | 16.25 | 46.5 | 15.01 | 42.7 | 13.78 |
| | -9.0 | -10.0 | 62.0 | 18.69 | 58.1 | 17.48 | 54.2 | 16.29 | 52.3 | 15.71 | 50.4 | 15.14 | 46.5 | 13.97 | 42.7 | 12.84 |
| | -7.0 | -8.0 | 62.0 | 17.82 | 58.1 | 16.68 | 54.2 | 15.56 | 52.3 | 15.00 | 50.4 | 14.45 | 46.5 | 13.35 | 42.7 | 12.27 |
| | -5.0 | -6.0 | 62.0 | 17.03 | 58.1 | 15.94 | 54.2 | 14.87 | 52.3 | 14.35 | 50.4 | 13.82 | 46.5 | 12.78 | 42.7 | 11.75 |
| | -3.0 | -4.0 | 62.0 | 16.29 | 58.1 | 15.26 | 54.2 | 14.24 | 52.3 | 13.74 | 50.4 | 13.24 | 46.5 | 12.24 | 42.7 | 11.26 |
| | -1.0 | -2.0 | 62.0 | 15.60 | 58.1 | 14.62 | 54.2 | 13.64 | 52.3 | 13.17 | 50.4 | 12.69 | 46.5 | 11.75 | 42.7 | 10.81 |
| | 0.0 | -1.0 | 62.0 | 15.28 | 58.1 | 14.32 | 54.2 | 13.36 | 52.3 | 12.89 | 50.4 | 12.43 | 46.5 | 11.51 | 42.7 | 10.59 |
| | 2.0 | 1.0 | 62.0 | 14.65 | 58.1 | 13.73 | 54.2 | 12.83 | 52.3 | 12.37 | 50.4 | 11.93 | 46.5 | 11.05 | 42.7 | 10.18 |
| | 5.0 | 4.0 | 62.0 | 13.78 | 58.1 | 12.93 | 54.2 | 12.06 | 52.3 | 11.64 | 50.4 | 11.24 | 46.5 | 10.41 | 42.7 | 9.59 |
| | 7.0 | 6.0 | 62.0 | 13.23 | 58.1 | 12.42 | 54.2 | 11.61 | 52.3 | 11.20 | 50.4 | 10.80 | 46.5 | 10.02 | 42.7 | 9.24 |
| | 9.0 | 7.8 | 62.0 | 12.78 | 58.1 | 11.99 | 54.2 | 11.20 | 52.3 | 10.82 | 50.4 | 10.44 | 46.5 | 9.67 | 42.7 | 8.92 |
| | 12.0 | 10.6 | 62.0 | 12.10 | 58.1 | 11.36 | 54.2 | 10.61 | 52.3 | 10.25 | 50.4 | 9.90 | 46.5 | 9.18 | 42.7 | 8.47 |
| | 15.0 | 13.5 | 62.0 | 11.44 | 58.1 | 10.74 | 54.2 | 10.05 | 52.3 | 9.71 | 50.4 | 9.37 | 46.5 | 8.69 | 42.7 | 8.03 |

| Heating capacity at rated condition: 101.5 kW (32HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 45.2 (50%) | -20.0 | -20.7 | 51.7 | 20.58 | 48.4 | 19.25 | 45.2 | 17.96 | 43.6 | 17.30 | 42.0 | 16.66 | 38.7 | 15.39 | 35.5 | 14.13 |
| | -15.0 | -16.0 | 51.7 | 18.02 | 48.4 | 16.88 | 45.2 | 15.75 | 43.6 | 15.18 | 42.0 | 14.63 | 38.7 | 13.53 | 35.5 | 12.44 |
| | -12.0 | -13.0 | 51.7 | 16.68 | 48.4 | 15.63 | 45.2 | 14.60 | 43.6 | 14.09 | 42.0 | 13.57 | 38.7 | 12.56 | 35.5 | 11.56 |
| | -9.0 | -10.0 | 51.7 | 15.52 | 48.4 | 14.55 | 45.2 | 13.59 | 43.6 | 13.12 | 42.0 | 12.66 | 38.7 | 11.72 | 35.5 | 10.79 |
| | -7.0 | -8.0 | 51.7 | 14.82 | 48.4 | 13.90 | 45.2 | 12.99 | 43.6 | 12.54 | 42.0 | 12.09 | 38.7 | 11.21 | 35.5 | 10.32 |
| | -5.0 | -6.0 | 51.7 | 14.17 | 48.4 | 13.30 | 45.2 | 12.43 | 43.6 | 12.00 | 42.0 | 11.58 | 38.7 | 10.74 | 35.5 | 9.90 |
| | -3.0 | -4.0 | 51.7 | 13.56 | 48.4 | 12.74 | 45.2 | 11.92 | 43.6 | 11.50 | 42.0 | 11.10 | 38.7 | 10.29 | 35.5 | 9.50 |
| | -1.0 | -2.0 | 51.7 | 13.00 | 48.4 | 12.21 | 45.2 | 11.43 | 43.6 | 11.04 | 42.0 | 10.65 | 38.7 | 9.89 | 35.5 | 9.12 |
| | 0.0 | -1.0 | 51.7 | 12.74 | 48.4 | 11.95 | 45.2 | 11.20 | 43.6 | 10.81 | 42.0 | 10.43 | 38.7 | 9.68 | 35.5 | 8.95 |
| | 2.0 | 1.0 | 51.7 | 12.23 | 48.4 | 11.48 | 45.2 | 10.76 | 43.6 | 10.38 | 42.0 | 10.02 | 38.7 | 9.31 | 35.5 | 8.60 |
| | 5.0 | 4.0 | 51.7 | 11.51 | 48.4 | 10.83 | 45.2 | 10.14 | 43.6 | 9.80 | 42.0 | 9.46 | 38.7 | 8.79 | 35.5 | 8.12 |
| | 7.0 | 6.0 | 51.7 | 11.06 | 48.4 | 10.41 | 45.2 | 9.76 | 43.6 | 9.43 | 42.0 | 9.11 | 38.7 | 8.47 | 35.5 | 7.83 |
| | 9.0 | 7.8 | 51.7 | 10.70 | 48.4 | 10.06 | 45.2 | 9.42 | 43.6 | 9.12 | 42.0 | 8.80 | 38.7 | 8.18 | 35.5 | 7.58 |
| | 12.0 | 10.6 | 51.7 | 10.13 | 48.4 | 9.54 | 45.2 | 8.95 | 43.6 | 8.64 | 42.0 | 8.35 | 38.7 | 7.77 | 35.5 | 7.20 |
| | 15.0 | 13.5 | 51.7 | 9.60 | 48.4 | 9.03 | 45.2 | 8.47 | 43.6 | 8.20 | 42.0 | 7.93 | 38.7 | 7.38 | 35.5 | 6.84 |

# ■ Model: AJ∗306GALDHH

| Heating capacity at rated condition: 108.0 kW (34HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 144.0 (150%) | -20.0 | -20.7 | 66.7 | 22.34 | 65.9 | 22.54 | 65.3 | 22.74 | 64.9 | 22.83 | 64.7 | 22.92 | 63.9 | 23.12 | 63.3 | 23.33 |
| | -15.0 | -16.0 | 76.6 | 23.15 | 75.9 | 23.39 | 75.3 | 23.64 | 75.0 | 23.76 | 74.6 | 23.89 | 74.1 | 24.12 | 73.4 | 24.37 |
| | -12.0 | -13.0 | 83.2 | 23.68 | 82.5 | 23.94 | 82.0 | 24.20 | 81.7 | 24.34 | 81.4 | 24.47 | 80.9 | 24.75 | 80.2 | 25.02 |
| | -9.0 | -10.0 | 90.2 | 24.20 | 89.6 | 24.49 | 89.0 | 24.77 | 88.6 | 24.93 | 88.5 | 25.07 | 87.8 | 25.37 | 87.2 | 25.67 |
| | -7.0 | -8.0 | 95.0 | 24.54 | 94.3 | 24.85 | 93.7 | 25.16 | 93.4 | 25.32 | 93.1 | 25.46 | 92.4 | 25.77 | 91.8 | 26.10 |
| | -5.0 | -6.0 | 99.8 | 24.89 | 99.2 | 25.21 | 98.5 | 25.54 | 98.2 | 25.69 | 97.9 | 25.86 | 97.3 | 26.20 | 96.7 | 26.52 |
| | -3.0 | -4.0 | 104.7 | 25.24 | 104.1 | 25.56 | 103.4 | 25.91 | 103.1 | 26.08 | 102.8 | 26.25 | 102.2 | 26.60 | 101.4 | 26.95 |
| | -1.0 | -2.0 | 109.6 | 25.59 | 109.0 | 25.94 | 108.3 | 26.30 | 108.0 | 26.47 | 107.7 | 26.65 | 106.9 | 27.01 | 106.3 | 27.36 |
| | 0.0 | -1.0 | 112.1 | 25.75 | 111.5 | 26.12 | 110.8 | 26.48 | 110.5 | 26.66 | 110.0 | 26.84 | 109.4 | 27.20 | 108.7 | 27.58 |
| | 2.0 | 1.0 | 117.3 | 26.10 | 116.4 | 26.48 | 115.8 | 26.85 | 115.5 | 27.03 | 115.0 | 27.24 | 114.3 | 27.60 | 112.7 | 27.69 |
| | 5.0 | 4.0 | 124.8 | 26.61 | 124.2 | 27.00 | 123.3 | 27.40 | 123.0 | 27.61 | 122.4 | 27.80 | 121.6 | 28.20 | 113.1 | 26.08 |
| | 7.0 | 6.0 | 130.1 | 26.96 | 129.2 | 27.37 | 128.3 | 27.77 | 128.0 | 27.96 | 127.4 | 28.18 | 123.4 | 27.58 | 113.1 | 24.99 |
| | 9.0 | 7.8 | 134.7 | 27.26 | 133.8 | 27.67 | 132.8 | 28.10 | 132.4 | 28.29 | 132.0 | 28.51 | 123.4 | 26.53 | 113.1 | 24.06 |
| | 12.0 | 10.6 | 141.9 | 27.73 | 140.7 | 28.17 | 139.8 | 28.59 | 138.9 | 28.65 | 133.7 | 27.44 | 123.4 | 25.02 | 113.1 | 22.69 |
| | 15.0 | 13.5 | 149.1 | 28.21 | 148.2 | 28.65 | 144.0 | 28.15 | 138.9 | 26.98 | 133.7 | 25.82 | 123.4 | 23.57 | 113.1 | 21.38 |
| 134.4 (140%) | -20.0 | -20.7 | 66.3 | 22.42 | 65.7 | 22.62 | 65.0 | 22.82 | 64.7 | 22.91 | 64.3 | 23.03 | 63.7 | 23.21 | 63.0 | 23.42 |
| | -15.0 | -16.0 | 76.2 | 23.27 | 75.5 | 23.52 | 75.0 | 23.76 | 74.6 | 23.89 | 74.3 | 24.01 | 73.8 | 24.24 | 73.1 | 24.49 |
| | -12.0 | -13.0 | 82.9 | 23.82 | 82.4 | 24.10 | 81.7 | 24.36 | 81.4 | 24.49 | 81.0 | 24.63 | 80.6 | 24.89 | 79.9 | 25.18 |
| | -9.0 | -10.0 | 89.9 | 24.37 | 89.2 | 24.67 | 88.6 | 24.96 | 88.2 | 25.10 | 87.9 | 25.24 | 87.5 | 25.54 | 86.8 | 25.84 |
| | -7.0 | -8.0 | 94.6 | 24.75 | 94.0 | 25.05 | 93.3 | 25.36 | 93.0 | 25.50 | 92.7 | 25.67 | 92.1 | 25.98 | 91.5 | 26.29 |
| | -5.0 | -6.0 | 99.3 | 25.11 | 98.6 | 25.42 | 98.1 | 25.76 | 97.9 | 25.93 | 97.6 | 26.08 | 96.9 | 26.41 | 96.3 | 26.73 |
| | -3.0 | -4.0 | 104.1 | 25.47 | 103.5 | 25.81 | 102.9 | 26.16 | 102.6 | 26.33 | 102.3 | 26.50 | 101.6 | 26.85 | 101.0 | 27.18 |
| | -1.0 | -2.0 | 109.2 | 25.85 | 108.4 | 26.20 | 107.8 | 26.56 | 107.5 | 26.74 | 107.2 | 26.91 | 106.5 | 27.27 | 104.9 | 27.33 |
| | 0.0 | -1.0 | 111.7 | 26.03 | 110.9 | 26.39 | 110.3 | 26.75 | 109.9 | 26.93 | 109.6 | 27.11 | 108.8 | 27.49 | 105.6 | 26.97 |
| | 2.0 | 1.0 | 116.7 | 26.40 | 115.9 | 26.77 | 115.2 | 27.15 | 114.9 | 27.33 | 114.4 | 27.52 | 113.7 | 27.91 | 105.6 | 25.78 |
| | 5.0 | 4.0 | 124.2 | 26.95 | 123.3 | 27.35 | 122.6 | 27.75 | 122.2 | 27.93 | 121.8 | 28.14 | 115.2 | 26.61 | 105.6 | 24.15 |
| | 7.0 | 6.0 | 129.2 | 27.32 | 128.3 | 27.72 | 127.6 | 28.13 | 127.1 | 28.34 | 124.8 | 27.92 | 115.2 | 25.51 | 105.6 | 23.13 |
| | 9.0 | 7.8 | 133.8 | 27.65 | 132.9 | 28.06 | 132.0 | 28.47 | 129.6 | 28.05 | 124.8 | 26.88 | 115.2 | 24.55 | 105.6 | 22.28 |
| | 12.0 | 10.6 | 140.8 | 28.14 | 139.8 | 28.58 | 134.4 | 27.59 | 129.6 | 26.46 | 124.8 | 25.33 | 115.2 | 23.15 | 105.6 | 21.02 |
| | 15.0 | 13.5 | 148.2 | 28.66 | 144.0 | 28.15 | 134.4 | 25.99 | 129.6 | 24.93 | 124.8 | 23.87 | 115.2 | 21.81 | 105.6 | 19.81 |
| 124.8 (130%) | -20.0 | -20.7 | 65.9 | 22.53 | 65.3 | 22.73 | 64.6 | 22.91 | 64.3 | 23.03 | 63.9 | 23.12 | 63.4 | 23.32 | 62.8 | 23.53 |
| | -15.0 | -16.0 | 75.8 | 23.43 | 75.1 | 23.67 | 74.6 | 23.90 | 74.3 | 24.02 | 74.1 | 24.14 | 73.4 | 24.39 | 72.7 | 24.64 |
| | -12.0 | -13.0 | 82.5 | 24.01 | 81.8 | 24.27 | 81.3 | 24.53 | 81.0 | 24.66 | 80.7 | 24.80 | 80.2 | 25.08 | 79.5 | 25.35 |
| | -9.0 | -10.0 | 89.3 | 24.58 | 88.8 | 24.88 | 88.2 | 25.17 | 87.9 | 25.31 | 87.6 | 25.45 | 86.9 | 25.75 | 86.5 | 26.05 |
| | -7.0 | -8.0 | 94.1 | 24.97 | 93.4 | 25.28 | 92.9 | 25.58 | 92.5 | 25.75 | 92.4 | 25.89 | 91.7 | 26.22 | 91.1 | 26.53 |
| | -5.0 | -6.0 | 98.9 | 25.36 | 98.2 | 25.68 | 97.6 | 26.01 | 97.3 | 26.18 | 97.0 | 26.33 | 96.4 | 26.67 | 95.7 | 26.99 |
| | -3.0 | -4.0 | 103.7 | 25.76 | 103.1 | 26.10 | 102.4 | 26.43 | 102.0 | 26.60 | 101.7 | 26.77 | 101.0 | 27.12 | 98.1 | 26.61 |
| | -1.0 | -2.0 | 108.7 | 26.16 | 107.8 | 26.51 | 107.2 | 26.86 | 106.9 | 27.04 | 106.6 | 27.22 | 105.7 | 27.53 | 98.1 | 25.40 |
| | 0.0 | -1.0 | 111.1 | 26.35 | 110.3 | 26.70 | 109.7 | 27.08 | 109.4 | 27.26 | 109.0 | 27.44 | 106.8 | 27.30 | 98.1 | 24.84 |
| | 2.0 | 1.0 | 115.9 | 26.75 | 115.2 | 27.11 | 114.5 | 27.50 | 114.1 | 27.68 | 113.8 | 27.87 | 107.0 | 26.16 | 98.1 | 23.77 |
| | 5.0 | 4.0 | 123.4 | 27.34 | 122.7 | 27.74 | 121.8 | 28.12 | 120.3 | 27.97 | 115.9 | 26.79 | 107.0 | 24.50 | 98.1 | 22.26 |
| | 7.0 | 6.0 | 128.3 | 27.73 | 127.5 | 28.13 | 124.8 | 27.92 | 120.3 | 26.79 | 115.9 | 25.66 | 107.0 | 23.48 | 98.1 | 21.34 |
| | 9.0 | 7.8 | 132.9 | 28.09 | 132.0 | 28.50 | 124.8 | 26.88 | 120.3 | 25.79 | 115.9 | 24.71 | 107.0 | 22.60 | 98.1 | 20.54 |
| | 12.0 | 10.6 | 139.8 | 28.63 | 133.7 | 27.44 | 124.8 | 25.33 | 120.3 | 24.31 | 115.9 | 23.30 | 107.0 | 21.32 | 98.1 | 19.40 |
| | 15.0 | 13.5 | 142.6 | 27.85 | 133.7 | 25.82 | 124.8 | 23.87 | 120.3 | 22.90 | 115.9 | 21.95 | 107.0 | 20.09 | 98.1 | 18.28 |
| 115.2 (120%) | -20.0 | -20.7 | 65.7 | 22.65 | 64.9 | 22.83 | 64.3 | 23.03 | 63.9 | 23.14 | 63.5 | 23.24 | 62.9 | 23.44 | 62.4 | 23.65 |
| | -15.0 | -16.0 | 75.4 | 23.59 | 74.7 | 23.84 | 74.2 | 24.06 | 73.9 | 24.19 | 73.5 | 24.31 | 73.0 | 24.56 | 72.3 | 24.81 |
| | -12.0 | -13.0 | 82.1 | 24.19 | 81.4 | 24.48 | 80.8 | 24.74 | 80.6 | 24.87 | 80.3 | 25.00 | 79.6 | 25.26 | 79.1 | 25.55 |
| | -9.0 | -10.0 | 88.9 | 24.83 | 88.3 | 25.12 | 87.7 | 25.40 | 87.5 | 25.56 | 87.2 | 25.70 | 86.5 | 26.00 | 85.9 | 26.30 |
| | -7.0 | -8.0 | 93.5 | 25.23 | 93.0 | 25.54 | 92.3 | 25.86 | 92.1 | 26.01 | 91.8 | 26.17 | 91.1 | 26.48 | 89.5 | 26.41 |
| | -5.0 | -6.0 | 98.3 | 25.66 | 97.6 | 25.97 | 97.0 | 26.31 | 96.7 | 26.46 | 96.4 | 26.63 | 95.8 | 26.97 | 90.5 | 25.55 |
| | -3.0 | -4.0 | 103.1 | 26.07 | 102.5 | 26.42 | 101.8 | 26.76 | 101.4 | 26.93 | 101.1 | 27.11 | 98.6 | 26.77 | 90.5 | 24.38 |
| | -1.0 | -2.0 | 107.8 | 26.51 | 107.2 | 26.86 | 106.6 | 27.21 | 106.3 | 27.39 | 105.8 | 27.53 | 98.7 | 25.61 | 90.5 | 23.29 |
| | 0.0 | -1.0 | 110.3 | 26.73 | 109.7 | 27.08 | 108.9 | 27.44 | 108.5 | 27.62 | 106.8 | 27.30 | 98.7 | 25.04 | 90.5 | 22.77 |
| | 2.0 | 1.0 | 115.2 | 27.14 | 114.4 | 27.51 | 113.7 | 27.90 | 111.1 | 27.29 | 107.0 | 26.16 | 98.7 | 23.95 | 90.5 | 21.78 |
| | 5.0 | 4.0 | 122.5 | 27.79 | 121.8 | 28.18 | 115.2 | 26.61 | 111.1 | 25.56 | 107.0 | 24.50 | 98.7 | 22.43 | 90.5 | 20.41 |
| | 7.0 | 6.0 | 127.4 | 28.21 | 123.4 | 27.58 | 115.2 | 25.51 | 111.1 | 24.49 | 107.0 | 23.48 | 98.7 | 21.51 | 90.5 | 19.56 |
| | 9.0 | 7.8 | 131.4 | 28.47 | 123.4 | 26.53 | 115.2 | 24.55 | 111.1 | 23.57 | 107.0 | 22.60 | 98.7 | 20.70 | 90.5 | 18.85 |
| | 12.0 | 10.6 | 131.7 | 26.95 | 123.4 | 25.02 | 115.2 | 23.15 | 111.1 | 22.23 | 107.0 | 21.32 | 98.7 | 19.54 | 90.5 | 17.79 |
| | 15.0 | 13.5 | 131.7 | 25.36 | 123.4 | 23.57 | 115.2 | 21.81 | 111.1 | 20.96 | 107.0 | 20.09 | 98.7 | 18.41 | 90.5 | 16.78 |
| 105.6 (110%) | -20.0 | -20.7 | 65.2 | 22.78 | 64.4 | 22.98 | 63.8 | 23.18 | 63.5 | 23.27 | 63.1 | 23.37 | 62.5 | 23.57 | 61.9 | 23.77 |
| | -15.0 | -16.0 | 75.0 | 23.79 | 74.3 | 24.04 | 73.7 | 24.26 | 73.4 | 24.39 | 73.1 | 24.51 | 72.6 | 24.76 | 71.9 | 24.99 |
| | -12.0 | -13.0 | 81.4 | 24.44 | 81.0 | 24.70 | 80.3 | 24.98 | 80.0 | 25.11 | 79.6 | 25.24 | 79.2 | 25.51 | 78.5 | 25.77 |
| | -9.0 | -10.0 | 88.3 | 25.11 | 87.6 | 25.39 | 87.1 | 25.69 | 86.9 | 25.82 | 86.5 | 25.98 | 85.9 | 26.28 | 82.9 | 25.60 |
| | -7.0 | -8.0 | 93.0 | 25.56 | 92.4 | 25.86 | 91.7 | 26.17 | 91.4 | 26.31 | 91.1 | 26.48 | 89.5 | 26.41 | 83.0 | 24.40 |
| | -5.0 | -6.0 | 97.6 | 26.00 | 97.0 | 26.32 | 96.4 | 26.65 | 96.1 | 26.82 | 95.8 | 26.97 | 90.5 | 25.55 | 83.0 | 23.24 |
| | -3.0 | -4.0 | 102.3 | 26.45 | 101.7 | 26.80 | 101.1 | 27.14 | 100.5 | 27.24 | 98.1 | 26.61 | 90.5 | 24.38 | 83.0 | 22.18 |
| | -1.0 | -2.0 | 107.2 | 26.93 | 106.3 | 27.28 | 104.9 | 27.32 | 101.8 | 26.49 | 98.1 | 25.41 | 90.5 | 23.29 | 83.0 | 21.20 |
| | 0.0 | -1.0 | 109.4 | 27.16 | 108.8 | 27.52 | 105.6 | 26.97 | 101.8 | 25.89 | 98.1 | 24.84 | 90.5 | 22.76 | 83.0 | 20.73 |
| | 2.0 | 1.0 | 114.3 | 27.62 | 112.7 | 27.69 | 105.6 | 25.78 | 101.8 | 24.76 | 98.1 | 23.77 | 90.5 | 21.78 | 83.0 | 19.85 |
| | 5.0 | 4.0 | 120.5 | 28.00 | 113.1 | 26.08 | 105.6 | 24.15 | 101.8 | 23.20 | 98.1 | 22.26 | 90.5 | 20.41 | 83.0 | 18.61 |
| | 7.0 | 6.0 | 120.7 | 26.88 | 113.1 | 24.99 | 105.6 | 23.13 | 101.8 | 22.24 | 98.1 | 21.34 | 90.5 | 19.56 | 83.0 | 17.84 |
| | 9.0 | 7.8 | 120.7 | 25.87 | 113.1 | 24.06 | 105.6 | 22.28 | 101.8 | 21.41 | 98.1 | 20.54 | 90.5 | 18.85 | 83.0 | 17.18 |
| | 12.0 | 10.6 | 120.7 | 24.39 | 113.1 | 22.69 | 105.6 | 21.02 | 101.8 | 20.20 | 98.1 | 19.40 | 90.5 | 17.79 | 83.0 | 16.23 |
| | 15.0 | 13.5 | 120.7 | 22.97 | 113.1 | 21.38 | 105.6 | 19.81 | 101.8 | 19.04 | 98.1 | 18.28 | 90.5 | 16.78 | 83.0 | 15.31 |

MODEL SELECTION

| Heating capacity at rated condition: 108.0 kW (34HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 96.0 (100%) | -20.0 | -20.7 | 64.5 | 22.95 | 63.9 | 23.14 | 63.3 | 23.35 | 63.0 | 23.44 | 62.6 | 23.55 | 62.0 | 23.73 | 61.5 | 23.94 |
| | -15.0 | -16.0 | 74.3 | 24.03 | 73.8 | 24.25 | 73.1 | 24.50 | 72.8 | 24.62 | 72.6 | 24.75 | 71.9 | 24.98 | 71.4 | 25.23 |
| | -12.0 | -13.0 | 81.0 | 24.72 | 80.3 | 24.98 | 79.7 | 25.25 | 79.5 | 25.38 | 79.2 | 25.53 | 78.5 | 25.79 | 75.3 | 24.94 |
| | -9.0 | -10.0 | 87.6 | 25.43 | 87.0 | 25.72 | 86.4 | 26.02 | 86.2 | 26.16 | 85.9 | 26.32 | 82.3 | 25.41 | 75.4 | 23.15 |
| | -7.0 | -8.0 | 92.2 | 25.93 | 91.5 | 26.24 | 91.0 | 26.55 | 90.8 | 26.69 | 88.7 | 26.17 | 82.3 | 24.19 | 75.4 | 22.03 |
| | -5.0 | -6.0 | 96.8 | 26.42 | 96.1 | 26.74 | 94.9 | 26.81 | 92.6 | 26.19 | 89.1 | 25.13 | 82.3 | 23.06 | 75.4 | 21.00 |
| | -3.0 | -4.0 | 101.4 | 26.92 | 100.8 | 27.24 | 96.0 | 26.00 | 92.6 | 24.98 | 89.1 | 23.97 | 82.3 | 22.00 | 75.4 | 20.05 |
| | -1.0 | -2.0 | 106.1 | 27.42 | 102.9 | 26.80 | 96.0 | 24.83 | 92.6 | 23.86 | 89.1 | 22.90 | 82.3 | 21.02 | 75.4 | 19.17 |
| | 0.0 | -1.0 | 108.5 | 27.66 | 102.9 | 26.20 | 96.0 | 24.27 | 92.6 | 23.33 | 89.1 | 22.38 | 82.3 | 20.56 | 75.4 | 18.74 |
| | 2.0 | 1.0 | 109.7 | 26.91 | 102.9 | 25.04 | 96.0 | 23.21 | 92.6 | 22.31 | 89.1 | 21.42 | 82.3 | 19.67 | 75.4 | 17.96 |
| | 5.0 | 4.0 | 109.7 | 25.20 | 102.9 | 23.45 | 96.0 | 21.76 | 92.6 | 20.92 | 89.1 | 20.08 | 82.3 | 18.44 | 75.4 | 16.84 |
| | 7.0 | 6.0 | 109.7 | 24.14 | 102.9 | 22.49 | 96.0 | 20.85 | 92.6 | 20.05 | 89.1 | 19.25 | 82.3 | 17.68 | 75.4 | 16.14 |
| | 9.0 | 7.8 | 109.7 | 23.23 | 102.9 | 21.65 | 96.0 | 20.08 | 92.6 | 19.31 | 89.1 | 18.54 | 82.3 | 17.04 | 75.4 | 15.57 |
| | 12.0 | 10.6 | 109.7 | 21.92 | 102.9 | 20.42 | 96.0 | 18.95 | 92.6 | 18.22 | 89.1 | 17.51 | 82.3 | 16.09 | 75.4 | 14.70 |
| | 15.0 | 13.5 | 109.7 | 20.66 | 102.9 | 19.25 | 96.0 | 17.86 | 92.6 | 17.19 | 89.1 | 16.52 | 82.3 | 15.18 | 75.4 | 13.88 |
| 86.4 (90%) | -20.0 | -20.7 | 63.9 | 23.14 | 63.3 | 23.34 | 62.6 | 23.55 | 62.4 | 23.64 | 62.0 | 23.73 | 61.5 | 23.93 | 60.7 | 24.14 |
| | -15.0 | -16.0 | 73.5 | 24.29 | 73.1 | 24.54 | 72.5 | 24.78 | 72.2 | 24.91 | 71.9 | 25.01 | 71.2 | 25.26 | 67.7 | 24.19 |
| | -12.0 | -13.0 | 80.0 | 25.06 | 79.6 | 25.32 | 79.0 | 25.60 | 78.6 | 25.73 | 78.3 | 25.81 | 74.1 | 24.52 | 67.9 | 22.37 |
| | -9.0 | -10.0 | 86.9 | 25.84 | 86.2 | 26.14 | 85.0 | 26.18 | 83.1 | 25.65 | 80.2 | 24.73 | 74.1 | 22.70 | 67.9 | 20.71 |
| | -7.0 | -8.0 | 91.2 | 26.37 | 90.8 | 26.68 | 86.4 | 25.50 | 83.3 | 24.51 | 80.2 | 23.53 | 74.1 | 21.60 | 67.9 | 19.72 |
| | -5.0 | -6.0 | 95.8 | 26.91 | 92.6 | 26.19 | 86.4 | 24.29 | 83.3 | 23.35 | 80.2 | 22.43 | 74.1 | 20.61 | 67.9 | 18.82 |
| | -3.0 | -4.0 | 98.6 | 26.77 | 92.6 | 24.98 | 86.4 | 23.19 | 83.3 | 22.29 | 80.2 | 21.41 | 74.1 | 19.66 | 67.9 | 17.98 |
| | -1.0 | -2.0 | 98.7 | 25.61 | 92.6 | 23.86 | 86.4 | 22.14 | 83.3 | 21.30 | 80.2 | 20.46 | 74.1 | 18.81 | 67.9 | 17.18 |
| | 0.0 | -1.0 | 98.7 | 25.04 | 92.6 | 23.33 | 86.4 | 21.65 | 83.3 | 20.83 | 80.2 | 20.00 | 74.1 | 18.39 | 67.9 | 16.82 |
| | 2.0 | 1.0 | 98.7 | 23.95 | 92.6 | 22.31 | 86.4 | 20.72 | 83.3 | 19.93 | 80.2 | 19.15 | 74.1 | 17.61 | 67.9 | 16.09 |
| | 5.0 | 4.0 | 98.7 | 22.43 | 92.6 | 20.92 | 86.4 | 19.42 | 83.3 | 18.69 | 80.2 | 17.96 | 74.1 | 16.53 | 67.9 | 15.11 |
| | 7.0 | 6.0 | 98.7 | 21.51 | 92.6 | 20.05 | 86.4 | 18.62 | 83.3 | 17.92 | 80.2 | 17.22 | 74.1 | 15.86 | 67.9 | 14.50 |
| | 9.0 | 7.8 | 98.7 | 20.70 | 92.6 | 19.31 | 86.4 | 17.94 | 83.3 | 17.27 | 80.2 | 16.59 | 74.1 | 15.27 | 67.9 | 13.98 |
| | 12.0 | 10.6 | 98.7 | 19.54 | 92.6 | 18.22 | 86.4 | 16.95 | 83.3 | 16.30 | 80.2 | 15.67 | 74.1 | 14.45 | 67.9 | 13.21 |
| | 15.0 | 13.5 | 98.7 | 18.41 | 92.6 | 17.19 | 86.4 | 15.97 | 83.3 | 15.38 | 80.2 | 14.79 | 74.1 | 13.64 | 67.9 | 12.49 |
| 76.8 (80%) | -20.0 | -20.7 | 63.1 | 23.39 | 62.5 | 23.59 | 61.9 | 23.79 | 61.6 | 23.88 | 61.2 | 23.99 | 60.7 | 24.17 | 58.8 | 23.74 |
| | -15.0 | -16.0 | 72.7 | 24.65 | 72.3 | 24.90 | 71.6 | 25.12 | 71.2 | 25.25 | 69.9 | 24.85 | 65.8 | 23.49 | 60.3 | 21.43 |
| | -12.0 | -13.0 | 79.2 | 25.48 | 78.6 | 25.74 | 76.1 | 25.18 | 74.1 | 24.52 | 71.3 | 23.56 | 65.8 | 21.64 | 60.3 | 19.78 |
| | -9.0 | -10.0 | 85.9 | 26.35 | 82.3 | 25.41 | 76.8 | 23.61 | 74.1 | 22.70 | 71.3 | 21.82 | 65.8 | 20.07 | 60.3 | 18.33 |
| | -7.0 | -8.0 | 87.8 | 25.95 | 82.3 | 24.19 | 76.8 | 22.47 | 74.1 | 21.60 | 71.3 | 20.76 | 65.8 | 19.11 | 60.3 | 17.47 |
| | -5.0 | -6.0 | 87.8 | 24.71 | 82.3 | 23.06 | 76.8 | 21.41 | 74.1 | 20.61 | 71.3 | 19.81 | 65.8 | 18.23 | 60.3 | 16.67 |
| | -3.0 | -4.0 | 87.8 | 23.58 | 82.3 | 22.00 | 76.8 | 20.43 | 74.1 | 19.66 | 71.3 | 18.92 | 65.8 | 17.40 | 60.3 | 15.93 |
| | -1.0 | -2.0 | 87.8 | 22.52 | 82.3 | 21.02 | 76.8 | 19.54 | 74.1 | 18.81 | 71.3 | 18.08 | 65.8 | 16.65 | 60.3 | 15.23 |
| | 0.0 | -1.0 | 87.8 | 22.02 | 82.3 | 20.56 | 76.8 | 19.12 | 74.1 | 18.39 | 71.3 | 17.69 | 65.8 | 16.30 | 60.3 | 14.91 |
| | 2.0 | 1.0 | 87.8 | 21.07 | 82.3 | 19.67 | 76.8 | 18.28 | 74.1 | 17.61 | 71.3 | 16.93 | 65.8 | 15.60 | 60.3 | 14.28 |
| | 5.0 | 4.0 | 87.8 | 19.74 | 82.3 | 18.44 | 76.8 | 17.16 | 74.1 | 16.53 | 71.3 | 15.90 | 65.8 | 14.65 | 60.3 | 13.43 |
| | 7.0 | 6.0 | 87.8 | 18.93 | 82.3 | 17.68 | 76.8 | 16.45 | 74.1 | 15.86 | 71.3 | 15.24 | 65.8 | 14.05 | 60.3 | 12.90 |
| | 9.0 | 7.8 | 87.8 | 18.23 | 82.3 | 17.04 | 76.8 | 15.86 | 74.1 | 15.27 | 71.3 | 14.70 | 65.8 | 13.56 | 60.3 | 12.42 |
| | 12.0 | 10.6 | 87.8 | 17.23 | 82.3 | 16.09 | 76.8 | 14.98 | 74.1 | 14.45 | 71.3 | 13.89 | 65.8 | 12.82 | 60.3 | 11.75 |
| | 15.0 | 13.5 | 87.8 | 16.25 | 82.3 | 15.18 | 76.8 | 14.13 | 74.1 | 13.64 | 71.3 | 13.12 | 65.8 | 12.11 | 60.3 | 11.12 |
| 67.2 (70%) | -20.0 | -20.7 | 62.1 | 23.70 | 61.6 | 23.90 | 60.9 | 24.10 | 60.7 | 24.19 | 60.1 | 24.18 | 57.0 | 23.13 | 52.8 | 21.44 |
| | -15.0 | -16.0 | 71.6 | 25.09 | 70.4 | 24.98 | 67.2 | 24.00 | 64.8 | 23.11 | 62.4 | 22.20 | 57.6 | 20.44 | 52.8 | 18.69 |
| | -12.0 | -13.0 | 76.1 | 25.18 | 72.0 | 23.81 | 67.2 | 22.13 | 64.8 | 21.29 | 62.4 | 20.48 | 57.6 | 18.84 | 52.8 | 17.26 |
| | -9.0 | -10.0 | 76.8 | 23.61 | 72.0 | 22.03 | 67.2 | 20.49 | 64.8 | 19.73 | 62.4 | 18.98 | 57.6 | 17.48 | 52.8 | 16.02 |
| | -7.0 | -8.0 | 76.8 | 22.47 | 72.0 | 20.97 | 67.2 | 19.51 | 64.8 | 18.80 | 62.4 | 18.07 | 57.6 | 16.67 | 52.8 | 15.27 |
| | -5.0 | -6.0 | 76.8 | 21.41 | 72.0 | 20.01 | 67.2 | 18.62 | 64.8 | 17.92 | 62.4 | 17.25 | 57.6 | 15.90 | 52.8 | 14.58 |
| | -3.0 | -4.0 | 76.8 | 20.43 | 72.0 | 19.10 | 67.2 | 17.78 | 64.8 | 17.12 | 62.4 | 16.48 | 57.6 | 15.20 | 52.8 | 13.94 |
| | -1.0 | -2.0 | 76.8 | 19.54 | 72.0 | 18.26 | 67.2 | 17.00 | 64.8 | 16.38 | 62.4 | 15.77 | 57.6 | 14.54 | 52.8 | 13.35 |
| | 0.0 | -1.0 | 76.8 | 19.12 | 72.0 | 17.87 | 67.2 | 16.64 | 64.8 | 16.02 | 62.4 | 15.43 | 57.6 | 14.24 | 52.8 | 13.07 |
| | 2.0 | 1.0 | 76.8 | 18.28 | 72.0 | 17.10 | 67.2 | 15.94 | 64.8 | 15.35 | 62.4 | 14.79 | 57.6 | 13.65 | 52.8 | 12.53 |
| | 5.0 | 4.0 | 76.8 | 17.16 | 72.0 | 16.04 | 67.2 | 14.96 | 64.8 | 14.41 | 62.4 | 13.88 | 57.6 | 12.81 | 52.8 | 11.77 |
| | 7.0 | 6.0 | 76.8 | 16.45 | 72.0 | 15.40 | 67.2 | 14.36 | 64.8 | 13.84 | 62.4 | 13.32 | 57.6 | 12.32 | 52.8 | 11.31 |
| | 9.0 | 7.8 | 76.8 | 15.86 | 72.0 | 14.84 | 67.2 | 13.84 | 64.8 | 13.35 | 62.4 | 12.86 | 57.6 | 11.87 | 52.8 | 10.92 |
| | 12.0 | 10.6 | 76.8 | 14.98 | 72.0 | 14.03 | 67.2 | 13.09 | 64.8 | 12.62 | 62.4 | 12.16 | 57.6 | 11.23 | 52.8 | 10.33 |
| | 15.0 | 13.5 | 76.8 | 14.13 | 72.0 | 13.23 | 67.2 | 12.36 | 64.8 | 11.91 | 62.4 | 11.49 | 57.6 | 10.63 | 52.8 | 9.77 |
| 57.6 (60%) | -20.0 | -20.7 | 60.9 | 24.12 | 59.7 | 24.02 | 57.0 | 23.12 | 55.5 | 22.60 | 53.5 | 21.74 | 49.4 | 20.02 | 45.3 | 18.33 |
| | -15.0 | -16.0 | 65.8 | 23.49 | 61.7 | 21.95 | 57.6 | 20.44 | 55.5 | 19.67 | 53.5 | 18.93 | 49.4 | 17.46 | 45.3 | 16.00 |
| | -12.0 | -13.0 | 65.8 | 21.64 | 61.7 | 20.24 | 57.6 | 18.84 | 55.5 | 18.17 | 53.5 | 17.47 | 49.4 | 16.12 | 45.3 | 14.79 |
| | -9.0 | -10.0 | 65.8 | 20.07 | 61.7 | 18.75 | 57.6 | 17.48 | 55.5 | 16.85 | 53.5 | 16.23 | 49.4 | 14.97 | 45.3 | 13.75 |
| | -7.0 | -8.0 | 65.8 | 19.11 | 61.7 | 17.87 | 57.6 | 16.67 | 55.5 | 16.05 | 53.5 | 15.46 | 49.4 | 14.28 | 45.3 | 13.12 |
| | -5.0 | -6.0 | 65.8 | 18.23 | 61.7 | 17.05 | 57.6 | 15.90 | 55.5 | 15.34 | 53.5 | 14.76 | 49.4 | 13.64 | 45.3 | 12.53 |
| | -3.0 | -4.0 | 65.8 | 17.40 | 61.7 | 16.30 | 57.6 | 15.20 | 55.5 | 14.67 | 53.5 | 14.12 | 49.4 | 13.05 | 45.3 | 12.00 |
| | -1.0 | -2.0 | 65.8 | 16.65 | 61.7 | 15.60 | 57.6 | 14.54 | 55.5 | 14.04 | 53.5 | 13.52 | 49.4 | 12.51 | 45.3 | 11.50 |
| | 0.0 | -1.0 | 65.8 | 16.30 | 61.7 | 15.26 | 57.6 | 14.24 | 55.5 | 13.73 | 53.5 | 13.24 | 49.4 | 12.24 | 45.3 | 11.26 |
| | 2.0 | 1.0 | 65.8 | 15.60 | 61.7 | 14.62 | 57.6 | 13.65 | 55.5 | 13.16 | 53.5 | 12.68 | 49.4 | 11.74 | 45.3 | 10.81 |
| | 5.0 | 4.0 | 65.8 | 14.65 | 61.7 | 13.74 | 57.6 | 12.81 | 55.5 | 12.36 | 53.5 | 11.94 | 49.4 | 11.04 | 45.3 | 10.17 |
| | 7.0 | 6.0 | 65.8 | 14.05 | 61.7 | 13.18 | 57.6 | 12.32 | 55.5 | 11.87 | 53.5 | 11.45 | 49.4 | 10.62 | 45.3 | 9.79 |
| | 9.0 | 7.8 | 65.8 | 13.56 | 61.7 | 12.72 | 57.6 | 11.87 | 55.5 | 11.47 | 53.5 | 11.06 | 49.4 | 10.24 | 45.3 | 9.44 |
| | 12.0 | 10.6 | 65.8 | 12.82 | 61.7 | 12.03 | 57.6 | 11.23 | 55.5 | 10.85 | 53.5 | 10.47 | 49.4 | 9.71 | 45.3 | 8.95 |
| | 15.0 | 13.5 | 65.8 | 12.11 | 61.7 | 11.36 | 57.6 | 10.63 | 55.5 | 10.26 | 53.5 | 9.90 | 49.4 | 9.18 | 45.3 | 8.47 |

| Heating capacity at rated condition: 108.0 kW (34HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 48.0 (50%) | -20.0 | -20.7 | 54.9 | 22.32 | 51.4 | 20.87 | 48.0 | 19.46 | 46.3 | 18.75 | 44.6 | 18.05 | 41.1 | 16.65 | 37.7 | 15.28 |
| | -15.0 | -16.0 | 54.9 | 19.43 | 51.4 | 18.20 | 48.0 | 16.97 | 46.3 | 16.35 | 44.6 | 15.75 | 41.1 | 14.56 | 37.7 | 13.38 |
| | -12.0 | -13.0 | 54.9 | 17.93 | 51.4 | 16.80 | 48.0 | 15.69 | 46.3 | 15.13 | 44.6 | 14.57 | 41.1 | 13.47 | 37.7 | 12.39 |
| | -9.0 | -10.0 | 54.9 | 16.64 | 51.4 | 15.60 | 48.0 | 14.56 | 46.3 | 14.04 | 44.6 | 13.55 | 41.1 | 12.54 | 37.7 | 11.53 |
| | -7.0 | -8.0 | 54.9 | 15.87 | 51.4 | 14.87 | 48.0 | 13.89 | 46.3 | 13.40 | 44.6 | 12.92 | 41.1 | 11.97 | 37.7 | 11.01 |
| | -5.0 | -6.0 | 54.9 | 15.14 | 51.4 | 14.20 | 48.0 | 13.26 | 46.3 | 12.81 | 44.6 | 12.35 | 41.1 | 11.45 | 37.7 | 10.55 |
| | -3.0 | -4.0 | 54.9 | 14.47 | 51.4 | 13.59 | 48.0 | 12.70 | 46.3 | 12.25 | 44.6 | 11.83 | 41.1 | 10.96 | 37.7 | 10.10 |
| | -1.0 | -2.0 | 54.9 | 13.86 | 51.4 | 13.00 | 48.0 | 12.17 | 46.3 | 11.75 | 44.6 | 11.33 | 41.1 | 10.51 | 37.7 | 9.68 |
| | 0.0 | -1.0 | 54.9 | 13.56 | 51.4 | 12.72 | 48.0 | 11.92 | 46.3 | 11.50 | 44.6 | 11.09 | 41.1 | 10.29 | 37.7 | 9.50 |
| | 2.0 | 1.0 | 54.9 | 13.00 | 51.4 | 12.20 | 48.0 | 11.43 | 46.3 | 11.02 | 44.6 | 10.64 | 41.1 | 9.88 | 37.7 | 9.12 |
| | 5.0 | 4.0 | 54.9 | 12.22 | 51.4 | 11.49 | 48.0 | 10.76 | 46.3 | 10.39 | 44.6 | 10.03 | 41.1 | 9.31 | 37.7 | 8.59 |
| | 7.0 | 6.0 | 54.9 | 11.73 | 51.4 | 11.04 | 48.0 | 10.34 | 46.3 | 9.99 | 44.6 | 9.65 | 41.1 | 8.96 | 37.7 | 8.28 |
| | 9.0 | 7.8 | 54.9 | 11.34 | 51.4 | 10.65 | 48.0 | 9.97 | 46.3 | 9.65 | 44.6 | 9.31 | 41.1 | 8.65 | 37.7 | 8.00 |
| | 12.0 | 10.6 | 54.9 | 10.72 | 51.4 | 10.09 | 48.0 | 9.46 | 46.3 | 9.13 | 44.6 | 8.82 | 41.1 | 8.20 | 37.7 | 7.60 |
| | 15.0 | 13.5 | 54.9 | 10.15 | 51.4 | 9.53 | 48.0 | 8.94 | 46.3 | 8.66 | 44.6 | 8.36 | 41.1 | 7.78 | 37.7 | 7.20 |

# ■ Model: AJ∗324GALDHH

| Heating capacity at rated condition: 115.0 kW (36HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 153.6 (150%) | -20.0 | -20.7 | 71.4 | 22.68 | 70.5 | 22.93 | 69.6 | 23.17 | 69.2 | 23.29 | 68.7 | 23.41 | 67.8 | 23.65 | 66.9 | 23.91 |
| | -15.0 | -16.0 | 81.2 | 23.72 | 80.5 | 24.01 | 79.7 | 24.32 | 79.3 | 24.46 | 78.9 | 24.63 | 78.2 | 24.94 | 77.5 | 25.25 |
| | -12.0 | -13.0 | 88.0 | 24.37 | 87.3 | 24.71 | 86.6 | 25.04 | 86.3 | 25.23 | 86.0 | 25.40 | 85.3 | 25.73 | 84.6 | 26.09 |
| | -9.0 | -10.0 | 95.2 | 25.04 | 94.6 | 25.40 | 93.9 | 25.78 | 93.6 | 25.97 | 93.4 | 26.16 | 92.7 | 26.54 | 92.1 | 26.92 |
| | -7.0 | -8.0 | 100.2 | 25.47 | 99.5 | 25.87 | 99.0 | 26.28 | 98.7 | 26.47 | 98.4 | 26.66 | 97.7 | 27.06 | 97.2 | 27.47 |
| | -5.0 | -6.0 | 105.3 | 25.92 | 104.8 | 26.35 | 104.1 | 26.75 | 103.8 | 26.97 | 103.5 | 27.18 | 102.9 | 27.61 | 102.4 | 28.03 |
| | -3.0 | -4.0 | 110.6 | 26.37 | 110.1 | 26.80 | 109.4 | 27.25 | 109.0 | 27.47 | 108.7 | 27.68 | 108.2 | 28.13 | 107.6 | 28.58 |
| | -1.0 | -2.0 | 115.9 | 26.82 | 115.3 | 27.27 | 114.7 | 27.75 | 114.3 | 27.96 | 114.0 | 28.20 | 113.4 | 28.67 | 112.9 | 29.12 |
| | 0.0 | -1.0 | 118.6 | 27.06 | 118.1 | 27.51 | 117.4 | 27.98 | 117.0 | 28.22 | 116.7 | 28.46 | 116.2 | 28.93 | 115.4 | 29.40 |
| | 2.0 | 1.0 | 124.1 | 27.51 | 123.4 | 27.98 | 122.8 | 28.48 | 122.5 | 28.71 | 122.2 | 28.97 | 121.4 | 29.45 | 119.8 | 29.61 |
| | 5.0 | 4.0 | 132.4 | 28.18 | 131.8 | 28.68 | 131.0 | 29.20 | 130.7 | 29.46 | 130.2 | 29.72 | 129.2 | 30.11 | 120.6 | 28.05 |
| | 7.0 | 6.0 | 138.1 | 28.63 | 137.3 | 29.17 | 136.5 | 29.69 | 136.2 | 29.95 | 135.7 | 30.23 | 131.6 | 29.67 | 120.6 | 26.89 |
| | 9.0 | 7.8 | 143.1 | 29.05 | 142.3 | 29.59 | 141.5 | 30.13 | 141.2 | 30.39 | 140.4 | 30.60 | 131.6 | 28.57 | 120.6 | 25.89 |
| | 12.0 | 10.6 | 151.1 | 29.67 | 150.0 | 30.24 | 149.2 | 30.80 | 148.2 | 30.90 | 142.6 | 29.57 | 131.6 | 26.96 | 120.6 | 24.43 |
| | 15.0 | 13.5 | 159.0 | 30.32 | 158.2 | 30.88 | 153.6 | 30.37 | 148.2 | 29.10 | 142.6 | 27.84 | 131.6 | 25.41 | 120.6 | 23.02 |
| 143.3 (140%) | -20.0 | -20.7 | 71.0 | 22.79 | 70.1 | 23.03 | 69.2 | 23.27 | 68.7 | 23.39 | 68.3 | 23.53 | 67.4 | 23.77 | 66.7 | 24.03 |
| | -15.0 | -16.0 | 80.7 | 23.87 | 80.0 | 24.18 | 79.3 | 24.47 | 78.9 | 24.63 | 78.6 | 24.78 | 77.9 | 25.09 | 77.2 | 25.40 |
| | -12.0 | -13.0 | 87.7 | 24.56 | 87.0 | 24.90 | 86.3 | 25.23 | 86.0 | 25.40 | 85.6 | 25.59 | 85.0 | 25.92 | 84.3 | 26.28 |
| | -9.0 | -10.0 | 94.9 | 25.26 | 94.1 | 25.64 | 93.6 | 26.00 | 93.2 | 26.19 | 92.9 | 26.38 | 92.4 | 26.76 | 91.6 | 27.14 |
| | -7.0 | -8.0 | 99.7 | 25.74 | 99.2 | 26.12 | 98.6 | 26.52 | 98.2 | 26.71 | 97.9 | 26.92 | 97.4 | 27.33 | 96.9 | 27.73 |
| | -5.0 | -6.0 | 105.0 | 26.21 | 104.3 | 26.62 | 103.7 | 27.04 | 103.5 | 27.26 | 103.2 | 27.47 | 102.4 | 27.87 | 101.9 | 28.30 |
| | -3.0 | -4.0 | 110.1 | 26.69 | 109.5 | 27.11 | 108.9 | 27.56 | 108.7 | 27.78 | 108.4 | 27.99 | 107.7 | 28.44 | 107.0 | 28.86 |
| | -1.0 | -2.0 | 115.4 | 27.16 | 114.8 | 27.61 | 114.2 | 28.08 | 114.0 | 28.32 | 113.7 | 28.53 | 112.9 | 29.01 | 111.2 | 29.11 |
| | 0.0 | -1.0 | 118.1 | 27.40 | 117.5 | 27.87 | 116.9 | 28.34 | 116.5 | 28.58 | 116.2 | 28.81 | 115.6 | 29.29 | 112.6 | 28.96 |
| | 2.0 | 1.0 | 123.6 | 27.89 | 123.0 | 28.38 | 122.3 | 28.86 | 122.0 | 29.10 | 121.7 | 29.35 | 120.3 | 29.66 | 112.6 | 27.71 |
| | 5.0 | 4.0 | 131.8 | 28.61 | 131.0 | 29.13 | 130.4 | 29.65 | 130.1 | 29.89 | 129.5 | 30.11 | 122.9 | 28.63 | 112.6 | 25.97 |
| | 7.0 | 6.0 | 137.3 | 29.10 | 136.5 | 29.62 | 135.9 | 30.16 | 135.2 | 30.38 | 133.1 | 30.07 | 122.9 | 27.44 | 112.6 | 24.89 |
| | 9.0 | 7.8 | 142.3 | 29.54 | 141.5 | 30.09 | 140.7 | 30.60 | 138.2 | 30.22 | 133.1 | 28.94 | 122.9 | 26.41 | 112.6 | 23.98 |
| | 12.0 | 10.6 | 150.2 | 30.22 | 149.2 | 30.78 | 143.3 | 29.74 | 138.2 | 28.52 | 133.1 | 27.29 | 122.9 | 24.93 | 112.6 | 22.64 |
| | 15.0 | 13.5 | 158.2 | 30.91 | 153.6 | 30.37 | 143.3 | 28.02 | 138.2 | 26.86 | 133.1 | 25.71 | 122.9 | 23.50 | 112.6 | 21.34 |
| 133.1 (130%) | -20.0 | -20.7 | 70.5 | 22.91 | 69.6 | 23.15 | 68.8 | 23.39 | 68.3 | 23.53 | 67.8 | 23.65 | 67.1 | 23.89 | 66.2 | 24.16 |
| | -15.0 | -16.0 | 80.3 | 24.06 | 79.6 | 24.35 | 78.9 | 24.66 | 78.6 | 24.80 | 78.2 | 24.95 | 77.4 | 25.26 | 76.7 | 25.57 |
| | -12.0 | -13.0 | 87.2 | 24.78 | 86.5 | 25.12 | 85.8 | 25.45 | 85.5 | 25.62 | 85.3 | 25.81 | 84.6 | 26.14 | 83.8 | 26.50 |
| | -9.0 | -10.0 | 94.4 | 25.52 | 93.7 | 25.90 | 93.1 | 26.26 | 92.9 | 26.45 | 92.6 | 26.64 | 91.9 | 27.02 | 91.4 | 27.40 |
| | -7.0 | -8.0 | 99.4 | 26.03 | 98.7 | 26.43 | 98.1 | 26.81 | 97.9 | 27.02 | 97.6 | 27.21 | 96.9 | 27.62 | 96.4 | 28.02 |
| | -5.0 | -6.0 | 104.5 | 26.53 | 103.8 | 26.95 | 103.3 | 27.36 | 102.9 | 27.57 | 102.7 | 27.78 | 102.1 | 28.21 | 100.7 | 28.40 |
| | -3.0 | -4.0 | 109.6 | 27.04 | 109.0 | 27.47 | 108.4 | 27.92 | 108.2 | 28.14 | 107.9 | 28.35 | 107.2 | 28.80 | 104.7 | 28.56 |
| | -1.0 | -2.0 | 115.0 | 27.56 | 114.3 | 28.01 | 113.7 | 28.47 | 113.4 | 28.70 | 113.1 | 28.94 | 111.6 | 29.12 | 104.7 | 27.27 |
| | 0.0 | -1.0 | 117.6 | 27.82 | 117.0 | 28.27 | 116.4 | 28.75 | 116.1 | 28.98 | 115.7 | 29.22 | 113.8 | 29.26 | 104.7 | 26.68 |
| | 2.0 | 1.0 | 123.0 | 28.34 | 122.3 | 28.81 | 121.7 | 29.31 | 121.4 | 29.55 | 120.6 | 29.66 | 114.2 | 28.11 | 104.7 | 25.53 |
| | 5.0 | 4.0 | 131.2 | 29.11 | 130.4 | 29.63 | 129.6 | 30.11 | 128.3 | 30.08 | 123.6 | 28.82 | 114.2 | 26.35 | 104.7 | 23.94 |
| | 7.0 | 6.0 | 136.5 | 29.65 | 135.9 | 30.17 | 133.1 | 30.07 | 128.3 | 28.84 | 123.6 | 27.62 | 114.2 | 25.26 | 104.7 | 22.96 |
| | 9.0 | 7.8 | 141.5 | 30.11 | 140.4 | 30.58 | 133.1 | 28.94 | 128.3 | 27.76 | 123.6 | 26.61 | 114.2 | 24.33 | 104.7 | 22.12 |
| | 12.0 | 10.6 | 149.1 | 30.85 | 142.6 | 29.57 | 133.1 | 27.29 | 128.3 | 26.19 | 123.6 | 25.11 | 114.2 | 22.95 | 104.7 | 20.88 |
| | 15.0 | 13.5 | 152.1 | 30.02 | 142.6 | 27.84 | 133.1 | 25.71 | 128.3 | 24.68 | 123.6 | 23.65 | 114.2 | 21.64 | 104.7 | 19.69 |
| 122.8 (120%) | -20.0 | -20.7 | 70.1 | 23.06 | 69.2 | 23.30 | 68.3 | 23.54 | 67.8 | 23.66 | 67.4 | 23.80 | 66.5 | 24.04 | 65.8 | 24.30 |
| | -15.0 | -16.0 | 79.8 | 24.26 | 79.1 | 24.57 | 78.4 | 24.86 | 78.1 | 25.02 | 77.7 | 25.17 | 77.0 | 25.48 | 76.3 | 25.79 |
| | -12.0 | -13.0 | 86.7 | 25.03 | 86.0 | 25.38 | 85.4 | 25.72 | 85.0 | 25.88 | 84.8 | 26.05 | 84.1 | 26.39 | 83.3 | 26.74 |
| | -9.0 | -10.0 | 93.9 | 25.84 | 93.3 | 26.20 | 92.6 | 26.58 | 92.4 | 26.77 | 92.1 | 26.96 | 91.4 | 27.34 | 90.5 | 27.60 |
| | -7.0 | -8.0 | 98.9 | 26.36 | 98.2 | 26.77 | 97.6 | 27.15 | 97.4 | 27.36 | 97.1 | 27.55 | 96.4 | 27.95 | 94.5 | 27.89 |
| | -5.0 | -6.0 | 104.0 | 26.91 | 103.2 | 27.31 | 102.7 | 27.74 | 102.4 | 27.95 | 102.1 | 28.17 | 101.0 | 28.40 | 96.5 | 27.38 |
| | -3.0 | -4.0 | 109.0 | 27.45 | 108.5 | 27.90 | 107.9 | 28.33 | 107.6 | 28.54 | 107.4 | 28.78 | 105.0 | 28.68 | 96.5 | 26.14 |
| | -1.0 | -2.0 | 114.3 | 28.02 | 113.7 | 28.47 | 113.1 | 28.92 | 112.9 | 29.16 | 111.8 | 29.12 | 105.2 | 27.49 | 96.5 | 25.00 |
| | 0.0 | -1.0 | 117.0 | 28.30 | 116.4 | 28.75 | 115.7 | 29.22 | 114.9 | 29.31 | 113.8 | 29.26 | 105.2 | 26.88 | 96.5 | 24.46 |
| | 2.0 | 1.0 | 122.2 | 28.84 | 121.7 | 29.34 | 120.4 | 29.64 | 118.5 | 29.33 | 114.2 | 28.11 | 105.2 | 25.73 | 96.5 | 23.41 |
| | 5.0 | 4.0 | 130.4 | 29.71 | 129.2 | 30.07 | 122.8 | 28.63 | 118.5 | 27.49 | 114.2 | 26.35 | 105.2 | 24.12 | 96.5 | 21.96 |
| | 7.0 | 6.0 | 135.7 | 30.27 | 131.6 | 29.67 | 122.8 | 27.44 | 118.5 | 26.34 | 114.2 | 25.26 | 105.2 | 23.13 | 96.5 | 21.05 |
| | 9.0 | 7.8 | 139.9 | 30.57 | 131.6 | 28.57 | 122.8 | 26.41 | 118.5 | 25.36 | 114.2 | 24.33 | 105.2 | 22.27 | 96.5 | 20.28 |
| | 12.0 | 10.6 | 140.5 | 29.04 | 131.6 | 26.96 | 122.8 | 24.93 | 118.5 | 23.93 | 114.2 | 22.95 | 105.2 | 21.04 | 96.5 | 19.15 |
| | 15.0 | 13.5 | 140.5 | 27.34 | 131.6 | 25.41 | 122.8 | 23.50 | 118.5 | 22.57 | 114.2 | 21.64 | 105.2 | 19.83 | 96.5 | 18.08 |
| 112.6 (110%) | -20.0 | -20.7 | 69.4 | 23.23 | 68.5 | 23.47 | 67.7 | 23.71 | 67.3 | 23.83 | 66.9 | 23.97 | 66.0 | 24.21 | 65.1 | 24.45 |
| | -15.0 | -16.0 | 79.3 | 24.50 | 78.6 | 24.81 | 77.8 | 25.10 | 77.4 | 25.27 | 77.2 | 25.41 | 76.5 | 25.72 | 75.8 | 26.03 |
| | -12.0 | -13.0 | 86.0 | 25.34 | 85.5 | 25.68 | 84.8 | 26.01 | 84.5 | 26.18 | 84.1 | 26.34 | 83.6 | 26.70 | 82.4 | 26.86 |
| | -9.0 | -10.0 | 93.3 | 26.18 | 92.6 | 26.56 | 92.1 | 26.94 | 91.8 | 27.11 | 91.4 | 27.30 | 90.5 | 27.56 | 88.4 | 27.35 |
| | -7.0 | -8.0 | 98.2 | 26.77 | 97.6 | 27.15 | 97.0 | 27.56 | 96.6 | 27.75 | 96.4 | 27.96 | 94.5 | 27.89 | 88.6 | 26.12 |
| | -5.0 | -6.0 | 103.2 | 27.34 | 102.7 | 27.77 | 102.1 | 28.17 | 101.8 | 28.39 | 100.9 | 28.36 | 96.5 | 27.38 | 88.6 | 24.91 |
| | -3.0 | -4.0 | 108.4 | 27.93 | 107.9 | 28.38 | 107.1 | 28.78 | 106.0 | 28.74 | 104.7 | 28.56 | 96.5 | 26.14 | 88.6 | 23.80 |
| | -1.0 | -2.0 | 113.7 | 28.55 | 112.9 | 29.00 | 111.3 | 29.09 | 108.6 | 28.44 | 104.7 | 27.29 | 96.5 | 25.00 | 88.6 | 22.77 |
| | 0.0 | -1.0 | 116.2 | 28.85 | 115.6 | 29.32 | 112.6 | 28.96 | 108.6 | 27.81 | 104.7 | 26.68 | 96.5 | 24.44 | 88.6 | 22.26 |
| | 2.0 | 1.0 | 121.4 | 29.46 | 119.8 | 29.61 | 112.6 | 27.71 | 108.6 | 26.61 | 104.7 | 25.53 | 96.5 | 23.41 | 88.6 | 21.33 |
| | 5.0 | 4.0 | 128.4 | 30.08 | 120.6 | 28.05 | 112.6 | 25.97 | 108.6 | 24.94 | 104.7 | 23.94 | 96.5 | 21.96 | 88.6 | 20.00 |
| | 7.0 | 6.0 | 128.8 | 28.92 | 120.6 | 26.89 | 112.6 | 24.89 | 108.6 | 23.91 | 104.7 | 22.96 | 96.5 | 21.05 | 88.6 | 19.19 |
| | 9.0 | 7.8 | 128.8 | 27.86 | 120.6 | 25.89 | 112.6 | 23.98 | 108.6 | 23.05 | 104.7 | 22.12 | 96.5 | 20.28 | 88.6 | 18.50 |
| | 12.0 | 10.6 | 128.8 | 26.29 | 120.6 | 24.43 | 112.6 | 22.64 | 108.6 | 21.74 | 104.7 | 20.88 | 96.5 | 19.15 | 88.6 | 17.48 |
| | 15.0 | 13.5 | 128.8 | 24.76 | 120.6 | 23.02 | 112.6 | 21.34 | 108.6 | 20.50 | 104.7 | 19.69 | 96.5 | 18.08 | 88.6 | 16.49 |

MODEL SELECTION

| Heating capacity at rated condition: 115.0 kW (36HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 102.4 (100%) | -20.0 | -20.7 | 68.6 | 23.43 | 67.7 | 23.66 | 66.9 | 23.92 | 66.6 | 24.04 | 66.2 | 24.16 | 65.3 | 24.41 | 64.6 | 24.67 |
| | -15.0 | -16.0 | 78.6 | 24.79 | 77.9 | 25.09 | 77.2 | 25.40 | 76.9 | 25.54 | 76.5 | 25.71 | 75.8 | 26.02 | 74.4 | 26.08 |
| | -12.0 | -13.0 | 85.5 | 25.69 | 84.8 | 26.03 | 84.1 | 26.38 | 83.8 | 26.55 | 83.5 | 26.72 | 82.2 | 26.82 | 80.2 | 26.61 |
| | -9.0 | -10.0 | 92.6 | 26.63 | 92.1 | 26.99 | 91.4 | 27.37 | 91.1 | 27.56 | 90.2 | 27.51 | 87.8 | 27.21 | 80.4 | 24.78 |
| | -7.0 | -8.0 | 97.6 | 27.25 | 96.9 | 27.66 | 96.2 | 28.00 | 95.2 | 27.92 | 94.2 | 27.85 | 87.8 | 25.91 | 80.4 | 23.61 |
| | -5.0 | -6.0 | 102.7 | 27.90 | 101.9 | 28.33 | 100.2 | 28.31 | 98.8 | 28.08 | 95.0 | 26.94 | 87.8 | 24.72 | 80.4 | 22.52 |
| | -3.0 | -4.0 | 107.7 | 28.56 | 106.4 | 28.73 | 102.4 | 27.89 | 98.8 | 26.80 | 95.0 | 25.72 | 87.8 | 23.60 | 80.4 | 21.52 |
| | -1.0 | -2.0 | 112.6 | 29.12 | 109.8 | 28.77 | 102.4 | 26.65 | 98.8 | 25.62 | 95.0 | 24.58 | 87.8 | 22.57 | 80.4 | 20.59 |
| | 0.0 | -1.0 | 114.6 | 29.27 | 109.8 | 28.13 | 102.4 | 26.06 | 98.8 | 25.06 | 95.0 | 24.04 | 87.8 | 22.08 | 80.4 | 20.13 |
| | 2.0 | 1.0 | 117.0 | 28.93 | 109.8 | 26.91 | 102.4 | 24.94 | 98.8 | 23.98 | 95.0 | 23.01 | 87.8 | 21.13 | 80.4 | 19.29 |
| | 5.0 | 4.0 | 117.0 | 27.10 | 109.8 | 25.22 | 102.4 | 23.39 | 98.8 | 22.49 | 95.0 | 21.59 | 87.8 | 19.83 | 80.4 | 18.11 |
| | 7.0 | 6.0 | 117.0 | 25.97 | 109.8 | 24.19 | 102.4 | 22.43 | 98.8 | 21.57 | 95.0 | 20.72 | 87.8 | 19.03 | 80.4 | 17.38 |
| | 9.0 | 7.8 | 117.0 | 25.01 | 109.8 | 23.30 | 102.4 | 21.61 | 98.8 | 20.78 | 95.0 | 19.96 | 87.8 | 18.34 | 80.4 | 16.76 |
| | 12.0 | 10.6 | 117.0 | 23.60 | 109.8 | 21.99 | 102.4 | 20.40 | 98.8 | 19.62 | 95.0 | 18.84 | 87.8 | 17.33 | 80.4 | 15.84 |
| | 15.0 | 13.5 | 117.0 | 22.26 | 109.8 | 20.73 | 102.4 | 19.24 | 98.8 | 18.51 | 95.0 | 17.78 | 87.8 | 16.36 | 80.4 | 14.95 |
| 92.1 (90%) | -20.0 | -20.7 | 67.8 | 23.67 | 66.9 | 23.91 | 66.2 | 24.17 | 65.7 | 24.29 | 65.3 | 24.42 | 64.6 | 24.66 | 63.6 | 24.89 |
| | -15.0 | -16.0 | 77.7 | 25.14 | 77.1 | 25.45 | 76.4 | 25.74 | 76.0 | 25.90 | 75.7 | 26.05 | 74.1 | 25.98 | 72.0 | 25.76 |
| | -12.0 | -13.0 | 84.5 | 26.12 | 84.0 | 26.45 | 83.3 | 26.79 | 82.6 | 26.80 | 81.7 | 26.73 | 79.1 | 26.22 | 72.4 | 23.91 |
| | -9.0 | -10.0 | 91.8 | 27.12 | 91.1 | 27.50 | 89.4 | 27.43 | 88.4 | 27.35 | 85.5 | 26.46 | 79.1 | 24.29 | 72.4 | 22.18 |
| | -7.0 | -8.0 | 96.6 | 27.81 | 95.2 | 27.89 | 92.1 | 27.32 | 88.8 | 26.25 | 85.5 | 25.20 | 79.1 | 23.14 | 72.4 | 21.14 |
| | -5.0 | -6.0 | 101.0 | 28.32 | 98.8 | 28.08 | 92.1 | 26.03 | 88.8 | 25.04 | 85.5 | 24.04 | 79.1 | 22.09 | 72.4 | 20.17 |
| | -3.0 | -4.0 | 105.0 | 28.68 | 98.8 | 26.79 | 92.1 | 24.87 | 88.8 | 23.92 | 85.5 | 22.97 | 79.1 | 21.10 | 72.4 | 19.29 |
| | -1.0 | -2.0 | 105.2 | 27.49 | 98.8 | 25.62 | 92.1 | 23.77 | 88.8 | 22.87 | 85.5 | 21.97 | 79.1 | 20.19 | 72.4 | 18.46 |
| | 0.0 | -1.0 | 105.2 | 26.88 | 98.8 | 25.06 | 92.1 | 23.26 | 88.8 | 22.36 | 85.5 | 21.48 | 79.1 | 19.75 | 72.4 | 18.07 |
| | 2.0 | 1.0 | 105.2 | 25.73 | 98.8 | 23.98 | 92.1 | 22.26 | 88.8 | 21.42 | 85.5 | 20.57 | 79.1 | 18.92 | 72.4 | 17.31 |
| | 5.0 | 4.0 | 105.2 | 24.12 | 98.8 | 22.49 | 92.1 | 20.88 | 88.8 | 20.10 | 85.5 | 19.32 | 79.1 | 17.78 | 72.4 | 16.27 |
| | 7.0 | 6.0 | 105.2 | 23.13 | 98.8 | 21.57 | 92.1 | 20.04 | 88.8 | 19.29 | 85.5 | 18.53 | 79.1 | 17.07 | 72.4 | 15.61 |
| | 9.0 | 7.8 | 105.2 | 22.27 | 98.8 | 20.79 | 92.1 | 19.30 | 88.8 | 18.57 | 85.5 | 17.87 | 79.1 | 16.45 | 72.4 | 15.06 |
| | 12.0 | 10.6 | 105.2 | 21.04 | 98.8 | 19.63 | 92.1 | 18.24 | 88.8 | 17.56 | 85.5 | 16.88 | 79.1 | 15.56 | 72.4 | 14.25 |
| | 15.0 | 13.5 | 105.2 | 19.83 | 98.8 | 18.51 | 92.1 | 17.20 | 88.8 | 16.57 | 85.5 | 15.93 | 79.1 | 14.69 | 72.4 | 13.45 |
| 81.9 (80%) | -20.0 | -20.7 | 66.8 | 23.99 | 66.0 | 24.23 | 65.2 | 24.47 | 64.8 | 24.59 | 64.4 | 24.71 | 63.2 | 24.73 | 61.3 | 24.48 |
| | -15.0 | -16.0 | 76.7 | 25.58 | 76.2 | 25.89 | 75.1 | 26.03 | 74.1 | 25.96 | 73.2 | 25.86 | 70.2 | 25.08 | 64.3 | 22.90 |
| | -12.0 | -13.0 | 83.5 | 26.65 | 82.4 | 26.74 | 80.6 | 26.62 | 79.1 | 26.22 | 76.0 | 25.18 | 70.2 | 23.14 | 64.3 | 21.15 |
| | -9.0 | -10.0 | 89.9 | 27.43 | 87.8 | 27.20 | 81.9 | 25.26 | 79.1 | 24.29 | 76.0 | 23.35 | 70.2 | 21.48 | 64.3 | 19.63 |
| | -7.0 | -8.0 | 93.7 | 27.79 | 87.8 | 25.90 | 81.9 | 24.06 | 79.1 | 23.14 | 76.0 | 22.24 | 70.2 | 20.46 | 64.3 | 18.72 |
| | -5.0 | -6.0 | 93.7 | 26.48 | 87.8 | 24.71 | 81.9 | 22.94 | 79.1 | 22.09 | 76.0 | 21.24 | 70.2 | 19.54 | 64.3 | 17.89 |
| | -3.0 | -4.0 | 93.7 | 25.29 | 87.8 | 23.59 | 81.9 | 21.92 | 79.1 | 21.10 | 76.0 | 20.29 | 70.2 | 18.69 | 64.3 | 17.11 |
| | -1.0 | -2.0 | 93.7 | 24.17 | 87.8 | 22.57 | 81.9 | 20.97 | 79.1 | 20.19 | 76.0 | 19.41 | 70.2 | 17.88 | 64.3 | 16.38 |
| | 0.0 | -1.0 | 93.7 | 23.64 | 87.8 | 22.08 | 81.9 | 20.53 | 79.1 | 19.75 | 76.0 | 19.00 | 70.2 | 17.51 | 64.3 | 16.03 |
| | 2.0 | 1.0 | 93.7 | 22.63 | 87.8 | 21.13 | 81.9 | 19.65 | 79.1 | 18.92 | 76.0 | 18.21 | 70.2 | 16.78 | 64.3 | 15.37 |
| | 5.0 | 4.0 | 93.7 | 21.23 | 87.8 | 19.83 | 81.9 | 18.46 | 79.1 | 17.78 | 76.0 | 17.10 | 70.2 | 15.77 | 64.3 | 14.46 |
| | 7.0 | 6.0 | 93.7 | 20.37 | 87.8 | 19.03 | 81.9 | 17.70 | 79.1 | 17.07 | 76.0 | 16.42 | 70.2 | 15.13 | 64.3 | 13.89 |
| | 9.0 | 7.8 | 93.7 | 19.63 | 87.8 | 18.34 | 81.9 | 17.08 | 79.1 | 16.45 | 76.0 | 15.82 | 70.2 | 14.61 | 64.3 | 13.40 |
| | 12.0 | 10.6 | 93.7 | 18.54 | 87.8 | 17.33 | 81.9 | 16.14 | 79.1 | 15.56 | 76.0 | 14.96 | 70.2 | 13.82 | 64.3 | 12.68 |
| | 15.0 | 13.5 | 93.7 | 17.50 | 87.8 | 16.36 | 81.9 | 15.23 | 79.1 | 14.69 | 76.0 | 14.14 | 70.2 | 13.05 | 64.3 | 12.00 |
| 71.6 (70%) | -20.0 | -20.7 | 65.5 | 24.36 | 64.8 | 24.60 | 63.8 | 24.75 | 62.9 | 24.64 | 62.0 | 24.54 | 60.2 | 24.35 | 56.3 | 22.88 |
| | -15.0 | -16.0 | 75.1 | 25.97 | 73.6 | 25.86 | 71.6 | 25.64 | 69.1 | 24.68 | 66.6 | 23.71 | 61.4 | 21.83 | 56.3 | 19.97 |
| | -12.0 | -13.0 | 80.5 | 26.62 | 76.8 | 25.45 | 71.6 | 23.66 | 69.1 | 22.77 | 66.6 | 21.90 | 61.4 | 20.16 | 56.3 | 18.46 |
| | -9.0 | -10.0 | 81.9 | 25.26 | 76.8 | 23.57 | 71.6 | 21.93 | 69.1 | 21.13 | 66.6 | 20.31 | 61.4 | 18.71 | 56.3 | 17.16 |
| | -7.0 | -8.0 | 81.9 | 24.06 | 76.8 | 22.46 | 71.6 | 20.91 | 69.1 | 20.14 | 66.6 | 19.37 | 61.4 | 17.86 | 56.3 | 16.37 |
| | -5.0 | -6.0 | 81.9 | 22.94 | 76.8 | 21.44 | 71.6 | 19.97 | 69.1 | 19.22 | 66.6 | 18.49 | 61.4 | 17.06 | 56.3 | 15.66 |
| | -3.0 | -4.0 | 81.9 | 21.92 | 76.8 | 20.49 | 71.6 | 19.09 | 69.1 | 18.39 | 66.6 | 17.69 | 61.4 | 16.33 | 56.3 | 14.98 |
| | -1.0 | -2.0 | 81.9 | 20.97 | 76.8 | 19.61 | 71.6 | 18.26 | 69.1 | 17.60 | 66.6 | 16.93 | 61.4 | 15.64 | 56.3 | 14.36 |
| | 0.0 | -1.0 | 81.9 | 20.53 | 76.8 | 19.20 | 71.6 | 17.87 | 69.1 | 17.22 | 66.6 | 16.58 | 61.4 | 15.30 | 56.3 | 14.07 |
| | 2.0 | 1.0 | 81.9 | 19.65 | 76.8 | 18.39 | 71.6 | 17.13 | 69.1 | 16.50 | 66.6 | 15.90 | 61.4 | 14.69 | 56.3 | 13.48 |
| | 5.0 | 4.0 | 81.9 | 18.46 | 76.8 | 17.26 | 71.6 | 16.10 | 69.1 | 15.52 | 66.6 | 14.94 | 61.4 | 13.80 | 56.3 | 12.69 |
| | 7.0 | 6.0 | 81.9 | 17.70 | 76.8 | 16.57 | 71.6 | 15.46 | 69.1 | 14.90 | 66.6 | 14.35 | 61.4 | 13.28 | 56.3 | 12.20 |
| | 9.0 | 7.8 | 81.9 | 17.08 | 76.8 | 15.98 | 71.6 | 14.91 | 69.1 | 14.38 | 66.6 | 13.85 | 61.4 | 12.81 | 56.3 | 11.78 |
| | 12.0 | 10.6 | 81.9 | 16.14 | 76.8 | 15.11 | 71.6 | 14.10 | 69.1 | 13.61 | 66.6 | 13.11 | 61.4 | 12.12 | 56.3 | 11.16 |
| | 15.0 | 13.5 | 81.9 | 15.23 | 76.8 | 14.27 | 71.6 | 13.33 | 69.1 | 12.85 | 66.6 | 12.39 | 61.4 | 11.47 | 56.3 | 10.56 |
| 61.4 (60%) | -20.0 | -20.7 | 63.6 | 24.63 | 61.8 | 24.48 | 60.3 | 24.33 | 59.2 | 24.11 | 57.1 | 23.18 | 52.7 | 21.36 | 48.4 | 19.56 |
| | -15.0 | -16.0 | 70.2 | 25.08 | 65.8 | 23.44 | 61.4 | 21.83 | 59.2 | 21.02 | 57.1 | 20.22 | 52.7 | 18.66 | 48.4 | 17.12 |
| | -12.0 | -13.0 | 70.2 | 23.14 | 65.8 | 21.65 | 61.4 | 20.16 | 59.2 | 19.44 | 57.1 | 18.69 | 52.7 | 17.27 | 48.4 | 15.85 |
| | -9.0 | -10.0 | 70.2 | 21.48 | 65.8 | 20.09 | 61.4 | 18.71 | 59.2 | 18.04 | 57.1 | 17.39 | 52.7 | 16.04 | 48.4 | 14.74 |
| | -7.0 | -8.0 | 70.2 | 20.46 | 65.8 | 19.16 | 61.4 | 17.86 | 59.2 | 17.22 | 57.1 | 16.59 | 52.7 | 15.33 | 48.4 | 14.08 |
| | -5.0 | -6.0 | 70.2 | 19.54 | 65.8 | 18.29 | 61.4 | 17.06 | 59.2 | 16.46 | 57.1 | 15.86 | 52.7 | 14.66 | 48.4 | 13.48 |
| | -3.0 | -4.0 | 70.2 | 18.69 | 65.8 | 17.49 | 61.4 | 16.33 | 59.2 | 15.75 | 57.1 | 15.18 | 52.7 | 14.04 | 48.4 | 12.91 |
| | -1.0 | -2.0 | 70.2 | 17.88 | 65.8 | 16.75 | 61.4 | 15.64 | 59.2 | 15.09 | 57.1 | 14.54 | 52.7 | 13.46 | 48.4 | 12.38 |
| | 0.0 | -1.0 | 70.2 | 17.51 | 65.8 | 16.41 | 61.4 | 15.30 | 59.2 | 14.77 | 57.1 | 14.24 | 52.7 | 13.19 | 48.4 | 12.13 |
| | 2.0 | 1.0 | 70.2 | 16.78 | 65.8 | 15.72 | 61.4 | 14.69 | 59.2 | 14.16 | 57.1 | 13.66 | 52.7 | 12.65 | 48.4 | 11.66 |
| | 5.0 | 4.0 | 70.2 | 15.77 | 65.8 | 14.79 | 61.4 | 13.80 | 59.2 | 13.32 | 57.1 | 12.86 | 52.7 | 11.91 | 48.4 | 10.97 |
| | 7.0 | 6.0 | 70.2 | 15.13 | 65.8 | 14.20 | 61.4 | 13.28 | 59.2 | 12.81 | 57.1 | 12.35 | 52.7 | 11.46 | 48.4 | 10.57 |
| | 9.0 | 7.8 | 70.2 | 14.61 | 65.8 | 13.70 | 61.4 | 12.81 | 59.2 | 12.36 | 57.1 | 11.93 | 52.7 | 11.06 | 48.4 | 10.20 |
| | 12.0 | 10.6 | 70.2 | 13.82 | 65.8 | 12.98 | 61.4 | 12.12 | 59.2 | 11.71 | 57.1 | 11.31 | 52.7 | 10.49 | 48.4 | 9.68 |
| | 15.0 | 13.5 | 70.2 | 13.05 | 65.8 | 12.26 | 61.4 | 11.47 | 59.2 | 11.09 | 57.1 | 10.69 | 52.7 | 9.92 | 48.4 | 9.18 |

| Heating capacity at rated condition: 115.0 kW (36HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 51.2 (50%) | -20.0 | -20.7 | 58.6 | 23.82 | 54.8 | 22.27 | 51.2 | 20.77 | 49.4 | 20.00 | 47.6 | 19.26 | 43.8 | 17.79 | 40.2 | 16.33 |
| | -15.0 | -16.0 | 58.6 | 20.77 | 54.8 | 19.45 | 51.2 | 18.14 | 49.4 | 17.49 | 47.6 | 16.85 | 43.8 | 15.58 | 40.2 | 14.33 |
| | -12.0 | -13.0 | 58.6 | 19.19 | 54.8 | 17.97 | 51.2 | 16.79 | 49.4 | 16.20 | 47.6 | 15.60 | 43.8 | 14.45 | 40.2 | 13.30 |
| | -9.0 | -10.0 | 58.6 | 17.82 | 54.8 | 16.71 | 51.2 | 15.61 | 49.4 | 15.07 | 47.6 | 14.54 | 43.8 | 13.46 | 40.2 | 12.39 |
| | -7.0 | -8.0 | 58.6 | 17.01 | 54.8 | 15.96 | 51.2 | 14.91 | 49.4 | 14.39 | 47.6 | 13.88 | 43.8 | 12.86 | 40.2 | 11.85 |
| | -5.0 | -6.0 | 58.6 | 16.26 | 54.8 | 15.26 | 51.2 | 14.26 | 49.4 | 13.77 | 47.6 | 13.28 | 43.8 | 12.32 | 40.2 | 11.36 |
| | -3.0 | -4.0 | 58.6 | 15.55 | 54.8 | 14.60 | 51.2 | 13.67 | 49.4 | 13.19 | 47.6 | 12.73 | 43.8 | 11.80 | 40.2 | 10.90 |
| | -1.0 | -2.0 | 58.6 | 14.89 | 54.8 | 13.99 | 51.2 | 13.10 | 49.4 | 12.65 | 47.6 | 12.20 | 43.8 | 11.34 | 40.2 | 10.46 |
| | 0.0 | -1.0 | 58.6 | 14.60 | 54.8 | 13.69 | 51.2 | 12.83 | 49.4 | 12.38 | 47.6 | 11.95 | 43.8 | 11.09 | 40.2 | 10.26 |
| | 2.0 | 1.0 | 58.6 | 14.01 | 54.8 | 13.15 | 51.2 | 12.32 | 49.4 | 11.89 | 47.6 | 11.48 | 43.8 | 10.67 | 40.2 | 9.86 |
| | 5.0 | 4.0 | 58.6 | 13.17 | 54.8 | 12.39 | 51.2 | 11.60 | 49.4 | 11.22 | 47.6 | 10.82 | 43.8 | 10.06 | 40.2 | 9.30 |
| | 7.0 | 6.0 | 58.6 | 12.65 | 54.8 | 11.91 | 51.2 | 11.16 | 49.4 | 10.78 | 47.6 | 10.42 | 43.8 | 9.69 | 40.2 | 8.97 |
| | 9.0 | 7.8 | 58.6 | 12.23 | 54.8 | 11.50 | 51.2 | 10.78 | 49.4 | 10.43 | 47.6 | 10.07 | 43.8 | 9.36 | 40.2 | 8.68 |
| | 12.0 | 10.6 | 58.6 | 11.58 | 54.8 | 10.90 | 51.2 | 10.22 | 49.4 | 9.88 | 47.6 | 9.55 | 43.8 | 8.89 | 40.2 | 8.23 |
| | 15.0 | 13.5 | 58.6 | 10.96 | 54.8 | 10.31 | 51.2 | 9.67 | 49.4 | 9.36 | 47.6 | 9.06 | 43.8 | 8.44 | 40.2 | 7.83 |

# ■ Model: AJ∗342GALDHH

| Heating capacity at rated condition: 121.5 kW (38HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 162.0 (150%) | -20.0 | -20.7 | 74.3 | 24.16 | 73.3 | 24.41 | 72.4 | 24.66 | 71.9 | 24.78 | 71.5 | 24.90 | 70.5 | 25.15 | 69.6 | 25.42 |
| | -15.0 | -16.0 | 84.8 | 25.21 | 84.0 | 25.51 | 83.2 | 25.83 | 82.8 | 25.98 | 82.3 | 26.15 | 81.6 | 26.46 | 80.8 | 26.78 |
| | -12.0 | -13.0 | 92.0 | 25.88 | 91.2 | 26.22 | 90.6 | 26.56 | 90.2 | 26.75 | 89.9 | 26.92 | 89.2 | 27.27 | 88.4 | 27.63 |
| | -9.0 | -10.0 | 99.7 | 26.56 | 99.1 | 26.93 | 98.4 | 27.31 | 98.0 | 27.51 | 97.8 | 27.70 | 97.0 | 28.09 | 96.4 | 28.48 |
| | -7.0 | -8.0 | 105.1 | 27.00 | 104.3 | 27.41 | 103.7 | 27.82 | 103.4 | 28.02 | 103.1 | 28.21 | 102.3 | 28.62 | 101.7 | 29.04 |
| | -5.0 | -6.0 | 110.5 | 27.46 | 109.9 | 27.89 | 109.2 | 28.31 | 108.8 | 28.52 | 108.5 | 28.74 | 107.9 | 29.18 | 107.3 | 29.61 |
| | -3.0 | -4.0 | 116.1 | 27.92 | 115.5 | 28.35 | 114.8 | 28.81 | 114.4 | 29.03 | 114.1 | 29.25 | 113.5 | 29.71 | 112.8 | 30.17 |
| | -1.0 | -2.0 | 121.7 | 28.38 | 121.1 | 28.84 | 120.4 | 29.32 | 120.0 | 29.54 | 119.7 | 29.78 | 119.0 | 30.26 | 118.4 | 30.72 |
| | 0.0 | -1.0 | 124.6 | 28.61 | 124.0 | 29.08 | 123.3 | 29.56 | 122.9 | 29.80 | 122.5 | 30.04 | 121.9 | 30.52 | 121.1 | 31.01 |
| | 2.0 | 1.0 | 130.5 | 29.07 | 129.6 | 29.56 | 129.0 | 30.06 | 128.7 | 30.30 | 128.3 | 30.57 | 127.5 | 31.05 | 126.4 | 31.41 |
| | 5.0 | 4.0 | 139.2 | 29.76 | 138.6 | 30.27 | 137.7 | 30.80 | 137.4 | 31.07 | 136.8 | 31.33 | 136.1 | 31.86 | 127.2 | 29.69 |
| | 7.0 | 6.0 | 145.3 | 30.22 | 144.4 | 30.77 | 143.5 | 31.30 | 143.2 | 31.56 | 142.6 | 31.85 | 138.8 | 31.40 | 127.2 | 28.44 |
| | 9.0 | 7.8 | 150.6 | 30.64 | 149.7 | 31.19 | 148.8 | 31.75 | 148.4 | 32.01 | 147.9 | 32.30 | 138.8 | 30.20 | 127.2 | 27.36 |
| | 12.0 | 10.6 | 159.0 | 31.28 | 157.8 | 31.86 | 156.9 | 32.43 | 156.3 | 32.64 | 150.4 | 31.24 | 138.8 | 28.47 | 127.2 | 25.79 |
| | 15.0 | 13.5 | 167.4 | 31.94 | 166.5 | 32.52 | 162.0 | 32.06 | 156.3 | 30.71 | 150.4 | 29.38 | 138.8 | 26.80 | 127.2 | 24.28 |
| 151.2 (140%) | -20.0 | -20.7 | 73.8 | 24.26 | 72.9 | 24.51 | 72.0 | 24.76 | 71.5 | 24.88 | 71.0 | 25.03 | 70.1 | 25.27 | 69.3 | 25.54 |
| | -15.0 | -16.0 | 84.3 | 25.36 | 83.5 | 25.68 | 82.8 | 25.98 | 82.3 | 26.15 | 82.0 | 26.30 | 81.3 | 26.61 | 80.5 | 26.93 |
| | -12.0 | -13.0 | 91.7 | 26.07 | 91.0 | 26.42 | 90.2 | 26.76 | 89.9 | 26.93 | 89.4 | 27.12 | 88.9 | 27.46 | 88.1 | 27.83 |
| | -9.0 | -10.0 | 99.4 | 26.78 | 98.6 | 27.17 | 98.0 | 27.54 | 97.5 | 27.73 | 97.2 | 27.92 | 96.7 | 28.31 | 95.9 | 28.70 |
| | -7.0 | -8.0 | 104.6 | 27.27 | 104.0 | 27.66 | 103.3 | 28.07 | 102.9 | 28.26 | 102.6 | 28.48 | 102.0 | 28.89 | 101.4 | 29.30 |
| | -5.0 | -6.0 | 110.1 | 27.75 | 109.3 | 28.16 | 108.7 | 28.60 | 108.5 | 28.82 | 108.2 | 29.03 | 107.4 | 29.45 | 106.8 | 29.88 |
| | -3.0 | -4.0 | 115.5 | 28.23 | 114.9 | 28.67 | 114.3 | 29.13 | 114.0 | 29.35 | 113.7 | 29.57 | 112.9 | 30.03 | 112.3 | 30.48 |
| | -1.0 | -2.0 | 121.2 | 28.72 | 120.5 | 29.18 | 119.9 | 29.66 | 119.6 | 29.90 | 119.3 | 30.12 | 118.5 | 30.60 | 117.4 | 30.93 |
| | 0.0 | -1.0 | 124.1 | 28.96 | 123.4 | 29.44 | 122.7 | 29.92 | 122.3 | 30.16 | 122.0 | 30.40 | 121.3 | 30.89 | 118.8 | 30.72 |
| | 2.0 | 1.0 | 129.9 | 29.46 | 129.2 | 29.96 | 128.4 | 30.45 | 128.1 | 30.69 | 127.7 | 30.95 | 126.9 | 31.46 | 118.8 | 29.36 |
| | 5.0 | 4.0 | 138.6 | 30.20 | 137.7 | 30.73 | 137.0 | 31.26 | 136.7 | 31.50 | 136.2 | 31.77 | 129.6 | 30.30 | 118.8 | 27.48 |
| | 7.0 | 6.0 | 144.4 | 30.70 | 143.5 | 31.23 | 142.8 | 31.78 | 142.3 | 32.05 | 140.4 | 31.81 | 129.6 | 29.03 | 118.8 | 26.31 |
| | 9.0 | 7.8 | 149.7 | 31.15 | 148.8 | 31.70 | 148.0 | 32.25 | 145.8 | 31.95 | 140.4 | 30.60 | 129.6 | 27.92 | 118.8 | 25.33 |
| | 12.0 | 10.6 | 158.0 | 31.83 | 156.9 | 32.41 | 151.2 | 31.42 | 145.8 | 30.12 | 140.4 | 28.82 | 129.6 | 26.32 | 118.8 | 23.89 |
| | 15.0 | 13.5 | 166.5 | 32.54 | 162.0 | 32.06 | 151.2 | 29.57 | 145.8 | 28.35 | 140.4 | 27.13 | 129.6 | 24.78 | 118.8 | 22.49 |
| 140.4 (130%) | -20.0 | -20.7 | 73.3 | 24.39 | 72.4 | 24.64 | 71.5 | 24.88 | 71.0 | 25.03 | 70.5 | 25.15 | 69.8 | 25.40 | 68.9 | 25.67 |
| | -15.0 | -16.0 | 83.8 | 25.56 | 83.0 | 25.86 | 82.3 | 26.17 | 82.0 | 26.32 | 81.6 | 26.47 | 80.8 | 26.79 | 80.0 | 27.11 |
| | -12.0 | -13.0 | 91.2 | 26.30 | 90.4 | 26.64 | 89.7 | 26.98 | 89.4 | 27.15 | 89.1 | 27.34 | 88.4 | 27.69 | 87.6 | 28.05 |
| | -9.0 | -10.0 | 98.8 | 27.05 | 98.1 | 27.44 | 97.5 | 27.81 | 97.2 | 28.00 | 96.9 | 28.19 | 96.1 | 28.58 | 95.6 | 28.97 |
| | -7.0 | -8.0 | 104.2 | 27.56 | 103.4 | 27.97 | 102.8 | 28.36 | 102.5 | 28.58 | 102.3 | 28.77 | 101.5 | 29.19 | 100.9 | 29.60 |
| | -5.0 | -6.0 | 109.6 | 28.07 | 108.8 | 28.50 | 108.2 | 28.92 | 107.9 | 29.14 | 107.6 | 29.35 | 107.0 | 29.79 | 106.2 | 30.22 |
| | -3.0 | -4.0 | 115.0 | 28.60 | 114.4 | 29.04 | 113.7 | 29.49 | 113.4 | 29.71 | 113.1 | 29.93 | 112.3 | 30.39 | 110.4 | 30.33 |
| | -1.0 | -2.0 | 120.8 | 29.13 | 119.9 | 29.59 | 119.3 | 30.05 | 119.0 | 30.29 | 118.7 | 30.53 | 117.8 | 30.97 | 110.4 | 28.93 |
| | 0.0 | -1.0 | 123.5 | 29.39 | 122.8 | 29.85 | 122.1 | 30.34 | 121.9 | 30.58 | 121.4 | 30.82 | 120.0 | 31.05 | 110.4 | 28.29 |
| | 2.0 | 1.0 | 129.2 | 29.92 | 128.4 | 30.40 | 127.8 | 30.91 | 127.4 | 31.15 | 127.1 | 31.41 | 120.4 | 29.79 | 110.4 | 27.05 |
| | 5.0 | 4.0 | 137.9 | 30.71 | 137.1 | 31.24 | 136.3 | 31.76 | 135.3 | 31.85 | 130.4 | 30.51 | 120.4 | 27.88 | 110.4 | 25.32 |
| | 7.0 | 6.0 | 143.5 | 31.25 | 142.8 | 31.78 | 140.4 | 31.81 | 135.3 | 30.51 | 130.4 | 29.21 | 120.4 | 26.71 | 110.4 | 24.26 |
| | 9.0 | 7.8 | 148.8 | 31.73 | 147.9 | 32.28 | 140.4 | 30.60 | 135.3 | 29.35 | 130.4 | 28.12 | 120.4 | 25.70 | 110.4 | 23.35 |
| | 12.0 | 10.6 | 156.9 | 32.48 | 150.4 | 31.24 | 140.4 | 28.82 | 135.3 | 27.65 | 130.4 | 26.50 | 120.4 | 24.22 | 110.4 | 22.03 |
| | 15.0 | 13.5 | 160.4 | 31.70 | 150.4 | 29.38 | 140.4 | 27.13 | 135.3 | 26.03 | 130.4 | 24.94 | 120.4 | 22.81 | 110.4 | 20.75 |
| 129.6 (120%) | -20.0 | -20.7 | 72.9 | 24.54 | 71.9 | 24.78 | 71.0 | 25.03 | 70.5 | 25.16 | 70.0 | 25.30 | 69.1 | 25.55 | 68.4 | 25.82 |
| | -15.0 | -16.0 | 83.3 | 25.76 | 82.5 | 26.08 | 81.8 | 26.37 | 81.5 | 26.54 | 81.0 | 26.69 | 80.3 | 27.01 | 79.5 | 27.33 |
| | -12.0 | -13.0 | 90.7 | 26.54 | 89.9 | 26.91 | 89.2 | 27.25 | 88.9 | 27.42 | 88.6 | 27.59 | 87.8 | 27.93 | 87.1 | 28.30 |
| | -9.0 | -10.0 | 98.3 | 27.37 | 97.7 | 27.74 | 97.0 | 28.12 | 96.7 | 28.32 | 96.4 | 28.51 | 95.6 | 28.90 | 95.0 | 29.29 |
| | -7.0 | -8.0 | 103.6 | 27.90 | 102.9 | 28.31 | 102.3 | 28.71 | 102.0 | 28.92 | 101.7 | 29.12 | 100.9 | 29.53 | 99.8 | 29.75 |
| | -5.0 | -6.0 | 109.0 | 28.46 | 108.2 | 28.87 | 107.7 | 29.31 | 107.3 | 29.52 | 107.0 | 29.74 | 106.4 | 30.18 | 101.8 | 29.11 |
| | -3.0 | -4.0 | 114.4 | 29.01 | 113.8 | 29.47 | 113.1 | 29.91 | 112.8 | 30.13 | 112.5 | 30.37 | 110.8 | 30.47 | 101.8 | 27.76 |
| | -1.0 | -2.0 | 119.9 | 29.59 | 119.3 | 30.05 | 118.6 | 30.51 | 118.4 | 30.75 | 118.0 | 30.97 | 111.0 | 29.17 | 101.8 | 26.51 |
| | 0.0 | -1.0 | 122.8 | 29.88 | 122.2 | 30.34 | 121.4 | 30.82 | 121.0 | 31.06 | 120.0 | 31.05 | 111.0 | 28.51 | 101.8 | 25.92 |
| | 2.0 | 1.0 | 128.4 | 30.43 | 127.7 | 30.93 | 127.0 | 31.44 | 125.0 | 31.09 | 120.4 | 29.79 | 111.0 | 27.26 | 101.8 | 24.78 |
| | 5.0 | 4.0 | 137.0 | 31.31 | 136.2 | 31.82 | 129.6 | 30.30 | 125.0 | 29.10 | 120.4 | 27.88 | 111.0 | 25.51 | 101.8 | 23.21 |
| | 7.0 | 6.0 | 142.6 | 31.88 | 138.8 | 31.40 | 129.6 | 29.03 | 125.0 | 27.86 | 120.4 | 26.71 | 111.0 | 24.45 | 101.8 | 22.23 |
| | 9.0 | 7.8 | 147.6 | 32.34 | 138.8 | 30.20 | 129.6 | 27.92 | 125.0 | 26.80 | 120.4 | 25.70 | 111.0 | 23.52 | 101.8 | 21.41 |
| | 12.0 | 10.6 | 148.2 | 30.68 | 138.8 | 28.47 | 129.6 | 26.32 | 125.0 | 25.26 | 120.4 | 24.22 | 111.0 | 22.19 | 101.8 | 20.19 |
| | 15.0 | 13.5 | 148.2 | 28.85 | 138.8 | 26.80 | 129.6 | 24.78 | 125.0 | 23.80 | 120.4 | 22.81 | 111.0 | 20.89 | 101.8 | 19.04 |
| 118.8 (110%) | -20.0 | -20.7 | 72.2 | 24.71 | 71.2 | 24.96 | 70.4 | 25.21 | 70.0 | 25.33 | 69.5 | 25.47 | 68.6 | 25.72 | 67.7 | 25.97 |
| | -15.0 | -16.0 | 82.8 | 26.01 | 82.0 | 26.33 | 81.2 | 26.62 | 80.8 | 26.79 | 80.5 | 26.94 | 79.8 | 27.26 | 79.0 | 27.57 |
| | -12.0 | -13.0 | 89.9 | 26.86 | 89.4 | 27.20 | 88.6 | 27.55 | 88.3 | 27.72 | 87.8 | 27.89 | 87.3 | 28.25 | 86.5 | 28.59 |
| | -9.0 | -10.0 | 97.7 | 27.72 | 96.9 | 28.10 | 96.3 | 28.49 | 96.1 | 28.66 | 95.6 | 28.86 | 95.0 | 29.25 | 93.2 | 29.15 |
| | -7.0 | -8.0 | 102.9 | 28.32 | 102.3 | 28.71 | 101.6 | 29.12 | 101.2 | 29.31 | 100.9 | 29.53 | 99.8 | 29.75 | 93.4 | 27.80 |
| | -5.0 | -6.0 | 108.2 | 28.90 | 107.6 | 29.33 | 107.0 | 29.75 | 106.7 | 29.97 | 106.4 | 30.18 | 101.8 | 29.11 | 93.4 | 26.47 |
| | -3.0 | -4.0 | 113.7 | 29.50 | 113.1 | 29.96 | 112.4 | 30.40 | 111.9 | 30.60 | 110.4 | 30.33 | 101.8 | 27.76 | 93.4 | 25.25 |
| | -1.0 | -2.0 | 119.3 | 30.13 | 118.4 | 30.59 | 117.4 | 30.91 | 114.5 | 30.18 | 110.4 | 28.95 | 101.8 | 26.51 | 93.4 | 24.13 |
| | 0.0 | -1.0 | 121.9 | 30.44 | 121.3 | 30.92 | 118.8 | 30.72 | 114.5 | 29.49 | 110.4 | 28.29 | 101.8 | 25.90 | 93.4 | 23.58 |
| | 2.0 | 1.0 | 127.5 | 31.06 | 126.4 | 31.41 | 118.8 | 29.36 | 114.5 | 28.19 | 110.4 | 27.05 | 101.8 | 24.78 | 93.4 | 22.57 |
| | 5.0 | 4.0 | 135.4 | 31.85 | 127.2 | 29.69 | 118.8 | 27.48 | 114.5 | 26.39 | 110.4 | 25.32 | 101.8 | 23.21 | 93.4 | 21.14 |
| | 7.0 | 6.0 | 135.8 | 30.60 | 127.2 | 28.44 | 118.8 | 26.31 | 114.5 | 25.28 | 110.4 | 24.26 | 101.8 | 22.23 | 93.4 | 20.26 |
| | 9.0 | 7.8 | 135.8 | 29.45 | 127.2 | 27.36 | 118.8 | 25.33 | 114.5 | 24.34 | 110.4 | 23.35 | 101.8 | 21.41 | 93.4 | 19.51 |
| | 12.0 | 10.6 | 135.8 | 27.75 | 127.2 | 25.79 | 118.8 | 23.89 | 114.5 | 22.94 | 110.4 | 22.03 | 101.8 | 20.19 | 93.4 | 18.42 |
| | 15.0 | 13.5 | 135.8 | 26.11 | 127.2 | 24.28 | 118.8 | 22.49 | 114.5 | 21.61 | 110.4 | 20.75 | 101.8 | 19.04 | 93.4 | 17.36 |

MODEL SELECTION

| Heating capacity at rated condition: 121.5 kW (38HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 108.0 (100%) | -20.0 | -20.7 | 71.4 | 24.93 | 70.5 | 25.16 | 69.7 | 25.43 | 69.3 | 25.55 | 68.8 | 25.68 | 67.9 | 25.92 | 67.2 | 26.19 |
| | -15.0 | -16.0 | 82.0 | 26.31 | 81.3 | 26.60 | 80.5 | 26.92 | 80.2 | 27.07 | 79.8 | 27.24 | 79.0 | 27.55 | 78.3 | 27.87 |
| | -12.0 | -13.0 | 89.4 | 27.21 | 88.6 | 27.55 | 87.9 | 27.91 | 87.6 | 28.08 | 87.3 | 28.26 | 86.5 | 28.60 | 84.6 | 28.40 |
| | -9.0 | -10.0 | 96.9 | 28.15 | 96.3 | 28.52 | 95.6 | 28.91 | 95.3 | 29.10 | 95.0 | 29.30 | 92.6 | 28.98 | 84.8 | 26.38 |
| | -7.0 | -8.0 | 102.2 | 28.79 | 101.4 | 29.20 | 100.8 | 29.61 | 100.6 | 29.80 | 99.4 | 29.66 | 92.6 | 27.56 | 84.8 | 25.10 |
| | -5.0 | -6.0 | 107.5 | 29.44 | 106.7 | 29.87 | 105.8 | 30.16 | 104.2 | 29.85 | 100.2 | 28.63 | 92.6 | 26.26 | 84.8 | 23.91 |
| | -3.0 | -4.0 | 112.8 | 30.11 | 112.2 | 30.54 | 108.0 | 29.62 | 104.2 | 28.45 | 100.2 | 27.30 | 92.6 | 25.04 | 84.8 | 22.82 |
| | -1.0 | -2.0 | 118.3 | 30.78 | 115.8 | 30.53 | 108.0 | 28.27 | 104.2 | 27.17 | 100.2 | 26.06 | 92.6 | 23.92 | 84.8 | 21.81 |
| | 0.0 | -1.0 | 121.0 | 31.11 | 115.8 | 29.84 | 108.0 | 27.63 | 104.2 | 26.56 | 100.2 | 25.47 | 92.6 | 23.39 | 84.8 | 21.31 |
| | 2.0 | 1.0 | 123.4 | 30.66 | 115.8 | 28.51 | 108.0 | 26.41 | 104.2 | 25.39 | 100.2 | 24.36 | 92.6 | 22.36 | 84.8 | 20.41 |
| | 5.0 | 4.0 | 123.4 | 28.68 | 115.8 | 26.68 | 108.0 | 24.74 | 104.2 | 23.78 | 100.2 | 22.82 | 92.6 | 20.95 | 84.8 | 19.13 |
| | 7.0 | 6.0 | 123.4 | 27.46 | 115.8 | 25.57 | 108.0 | 23.70 | 104.2 | 22.79 | 100.2 | 21.88 | 92.6 | 20.09 | 84.8 | 18.33 |
| | 9.0 | 7.8 | 123.4 | 26.42 | 115.8 | 24.61 | 108.0 | 22.82 | 104.2 | 21.94 | 100.2 | 21.06 | 92.6 | 19.35 | 84.8 | 17.67 |
| | 12.0 | 10.6 | 123.4 | 24.91 | 115.8 | 23.20 | 108.0 | 21.52 | 104.2 | 20.69 | 100.2 | 19.87 | 92.6 | 18.26 | 84.8 | 16.68 |
| | 15.0 | 13.5 | 123.4 | 23.47 | 115.8 | 21.85 | 108.0 | 20.27 | 104.2 | 19.50 | 100.2 | 18.73 | 92.6 | 17.22 | 84.8 | 15.73 |
| 97.2 (90%) | -20.0 | -20.7 | 70.5 | 25.16 | 69.6 | 25.41 | 68.8 | 25.68 | 68.4 | 25.80 | 67.9 | 25.92 | 67.2 | 26.17 | 66.2 | 26.44 |
| | -15.0 | -16.0 | 81.0 | 26.65 | 80.5 | 26.97 | 79.7 | 27.27 | 79.3 | 27.44 | 79.0 | 27.58 | 78.2 | 27.90 | 76.0 | 27.56 |
| | -12.0 | -13.0 | 88.3 | 27.65 | 87.8 | 27.99 | 87.1 | 28.34 | 86.7 | 28.51 | 86.4 | 28.67 | 83.4 | 27.98 | 76.4 | 25.51 |
| | -9.0 | -10.0 | 96.1 | 28.67 | 95.3 | 29.06 | 94.4 | 29.32 | 93.3 | 29.16 | 90.2 | 28.19 | 83.4 | 25.87 | 76.4 | 23.60 |
| | -7.0 | -8.0 | 101.1 | 29.37 | 100.6 | 29.78 | 97.2 | 29.07 | 93.7 | 27.93 | 90.2 | 26.81 | 83.4 | 24.60 | 76.4 | 22.46 |
| | -5.0 | -6.0 | 106.4 | 30.09 | 104.2 | 29.85 | 97.2 | 27.67 | 93.7 | 26.60 | 90.2 | 25.54 | 83.4 | 23.46 | 76.4 | 21.41 |
| | -3.0 | -4.0 | 110.8 | 30.47 | 104.2 | 28.45 | 97.2 | 26.40 | 93.7 | 25.38 | 90.2 | 24.37 | 83.4 | 22.37 | 76.4 | 20.45 |
| | -1.0 | -2.0 | 111.0 | 29.17 | 104.2 | 27.17 | 97.2 | 25.20 | 93.7 | 24.24 | 90.2 | 23.28 | 83.4 | 21.39 | 76.4 | 19.54 |
| | 0.0 | -1.0 | 111.0 | 28.51 | 104.2 | 26.56 | 97.2 | 24.64 | 93.7 | 23.69 | 90.2 | 22.75 | 83.4 | 20.91 | 76.4 | 19.12 |
| | 2.0 | 1.0 | 111.0 | 27.26 | 104.2 | 25.39 | 97.2 | 23.56 | 93.7 | 22.67 | 90.2 | 21.77 | 83.4 | 20.01 | 76.4 | 18.29 |
| | 5.0 | 4.0 | 111.0 | 25.51 | 104.2 | 23.78 | 97.2 | 22.07 | 93.7 | 21.24 | 90.2 | 20.41 | 83.4 | 18.78 | 76.4 | 17.17 |
| | 7.0 | 6.0 | 111.0 | 24.45 | 104.2 | 22.79 | 97.2 | 21.16 | 93.7 | 20.36 | 90.2 | 19.56 | 83.4 | 18.01 | 76.4 | 16.46 |
| | 9.0 | 7.8 | 111.0 | 23.52 | 104.2 | 21.94 | 97.2 | 20.37 | 93.7 | 19.60 | 90.2 | 18.84 | 83.4 | 17.34 | 76.4 | 15.87 |
| | 12.0 | 10.6 | 111.0 | 22.19 | 104.2 | 20.69 | 97.2 | 19.23 | 93.7 | 18.50 | 90.2 | 17.78 | 83.4 | 16.39 | 76.4 | 14.99 |
| | 15.0 | 13.5 | 111.0 | 20.89 | 104.2 | 19.50 | 97.2 | 18.11 | 93.7 | 17.44 | 90.2 | 16.77 | 83.4 | 15.46 | 76.4 | 14.15 |
| 86.4 (80%) | -20.0 | -20.7 | 69.5 | 25.48 | 68.6 | 25.73 | 67.8 | 25.98 | 67.4 | 26.10 | 66.9 | 26.23 | 66.2 | 26.47 | 64.8 | 26.42 |
| | -15.0 | -16.0 | 80.0 | 27.10 | 79.5 | 27.42 | 78.7 | 27.71 | 78.2 | 27.88 | 77.4 | 27.77 | 74.0 | 26.82 | 67.8 | 24.47 |
| | -12.0 | -13.0 | 87.3 | 28.19 | 86.7 | 28.53 | 85.1 | 28.46 | 83.4 | 27.98 | 80.2 | 26.87 | 74.0 | 24.68 | 67.8 | 22.55 |
| | -9.0 | -10.0 | 95.0 | 29.33 | 92.6 | 28.98 | 86.4 | 26.91 | 83.4 | 25.87 | 80.2 | 24.86 | 74.0 | 22.86 | 67.8 | 20.88 |
| | -7.0 | -8.0 | 98.8 | 29.58 | 92.6 | 27.56 | 86.4 | 25.59 | 83.4 | 24.60 | 80.2 | 23.64 | 74.0 | 21.75 | 67.8 | 19.88 |
| | -5.0 | -6.0 | 98.8 | 28.15 | 92.6 | 26.26 | 86.4 | 24.37 | 83.4 | 23.46 | 80.2 | 22.55 | 74.0 | 20.74 | 67.8 | 18.97 |
| | -3.0 | -4.0 | 98.8 | 26.85 | 92.6 | 25.04 | 86.4 | 23.25 | 83.4 | 22.37 | 80.2 | 21.52 | 74.0 | 19.80 | 67.8 | 18.12 |
| | -1.0 | -2.0 | 98.8 | 25.63 | 92.6 | 23.92 | 86.4 | 22.22 | 83.4 | 21.39 | 80.2 | 20.56 | 74.0 | 18.93 | 67.8 | 17.32 |
| | 0.0 | -1.0 | 98.8 | 25.05 | 92.6 | 23.39 | 86.4 | 21.74 | 83.4 | 20.91 | 80.2 | 20.11 | 74.0 | 18.53 | 67.8 | 16.95 |
| | 2.0 | 1.0 | 98.8 | 23.96 | 92.6 | 22.36 | 86.4 | 20.78 | 83.4 | 20.01 | 80.2 | 19.25 | 74.0 | 17.73 | 67.8 | 16.23 |
| | 5.0 | 4.0 | 98.8 | 22.44 | 92.6 | 20.95 | 86.4 | 19.50 | 83.4 | 18.78 | 80.2 | 18.06 | 74.0 | 16.64 | 67.8 | 15.25 |
| | 7.0 | 6.0 | 98.8 | 21.51 | 92.6 | 20.09 | 86.4 | 18.68 | 83.4 | 18.01 | 80.2 | 17.31 | 74.0 | 15.95 | 67.8 | 14.64 |
| | 9.0 | 7.8 | 98.8 | 20.71 | 92.6 | 19.35 | 86.4 | 18.01 | 83.4 | 17.34 | 80.2 | 16.68 | 74.0 | 15.39 | 67.8 | 14.10 |
| | 12.0 | 10.6 | 98.8 | 19.55 | 92.6 | 18.26 | 86.4 | 17.00 | 83.4 | 16.39 | 80.2 | 15.75 | 74.0 | 14.54 | 67.8 | 13.33 |
| | 15.0 | 13.5 | 98.8 | 18.43 | 92.6 | 17.22 | 86.4 | 16.02 | 83.4 | 15.46 | 80.2 | 14.87 | 74.0 | 13.72 | 67.8 | 12.61 |
| 75.6 (70%) | -20.0 | -20.7 | 68.1 | 25.86 | 67.4 | 26.11 | 66.5 | 26.36 | 66.2 | 26.48 | 65.6 | 26.55 | 63.6 | 26.19 | 59.4 | 24.55 |
| | -15.0 | -16.0 | 78.7 | 27.65 | 77.8 | 27.79 | 75.6 | 27.42 | 72.9 | 26.39 | 70.2 | 25.35 | 64.8 | 23.33 | 59.4 | 21.33 |
| | -12.0 | -13.0 | 85.0 | 28.46 | 81.0 | 27.16 | 75.6 | 25.24 | 72.9 | 24.28 | 70.2 | 23.35 | 64.8 | 21.48 | 59.4 | 19.67 |
| | -9.0 | -10.0 | 86.4 | 26.91 | 81.0 | 25.10 | 75.6 | 23.34 | 72.9 | 22.48 | 70.2 | 21.61 | 64.8 | 19.90 | 59.4 | 18.24 |
| | -7.0 | -8.0 | 86.4 | 25.59 | 81.0 | 23.88 | 75.6 | 22.22 | 72.9 | 21.40 | 70.2 | 20.57 | 64.8 | 18.97 | 59.4 | 17.37 |
| | -5.0 | -6.0 | 86.4 | 24.37 | 81.0 | 22.77 | 75.6 | 21.19 | 72.9 | 20.39 | 70.2 | 19.62 | 64.8 | 18.09 | 59.4 | 16.59 |
| | -3.0 | -4.0 | 86.4 | 23.25 | 81.0 | 21.73 | 75.6 | 20.23 | 72.9 | 19.48 | 70.2 | 18.74 | 64.8 | 17.29 | 59.4 | 15.85 |
| | -1.0 | -2.0 | 86.4 | 22.22 | 81.0 | 20.77 | 75.6 | 19.33 | 72.9 | 18.63 | 70.2 | 17.92 | 64.8 | 16.54 | 59.4 | 15.18 |
| | 0.0 | -1.0 | 86.4 | 21.74 | 81.0 | 20.32 | 75.6 | 18.91 | 72.9 | 18.21 | 70.2 | 17.54 | 64.8 | 16.18 | 59.4 | 14.86 |
| | 2.0 | 1.0 | 86.4 | 20.78 | 81.0 | 19.44 | 75.6 | 18.11 | 72.9 | 17.44 | 70.2 | 16.80 | 64.8 | 15.51 | 59.4 | 14.23 |
| | 5.0 | 4.0 | 86.4 | 19.50 | 81.0 | 18.22 | 75.6 | 16.99 | 72.9 | 16.37 | 70.2 | 15.76 | 64.8 | 14.55 | 59.4 | 13.37 |
| | 7.0 | 6.0 | 86.4 | 18.68 | 81.0 | 17.48 | 75.6 | 16.30 | 72.9 | 15.71 | 70.2 | 15.12 | 64.8 | 13.99 | 59.4 | 12.84 |
| | 9.0 | 7.8 | 86.4 | 18.01 | 81.0 | 16.84 | 75.6 | 15.71 | 72.9 | 15.15 | 70.2 | 14.59 | 64.8 | 13.48 | 59.4 | 12.39 |
| | 12.0 | 10.6 | 86.4 | 17.00 | 81.0 | 15.91 | 75.6 | 14.84 | 72.9 | 14.32 | 70.2 | 13.79 | 64.8 | 12.74 | 59.4 | 11.72 |
| | 15.0 | 13.5 | 86.4 | 16.02 | 81.0 | 15.00 | 75.6 | 14.01 | 72.9 | 13.50 | 70.2 | 13.02 | 64.8 | 12.05 | 59.4 | 11.08 |
| 64.8 (60%) | -20.0 | -20.7 | 66.6 | 26.37 | 65.4 | 26.47 | 63.6 | 26.17 | 62.4 | 25.88 | 60.2 | 24.88 | 55.6 | 22.91 | 51.0 | 20.97 |
| | -15.0 | -16.0 | 74.0 | 26.82 | 69.4 | 25.06 | 64.8 | 23.33 | 62.4 | 22.45 | 60.2 | 21.60 | 55.6 | 19.92 | 51.0 | 18.26 |
| | -12.0 | -13.0 | 74.0 | 24.68 | 69.4 | 23.08 | 64.8 | 21.48 | 62.4 | 20.71 | 60.2 | 19.91 | 55.6 | 18.38 | 51.0 | 16.86 |
| | -9.0 | -10.0 | 74.0 | 22.86 | 69.4 | 21.36 | 64.8 | 19.90 | 62.4 | 19.18 | 60.2 | 18.48 | 55.6 | 17.04 | 51.0 | 15.65 |
| | -7.0 | -8.0 | 74.0 | 21.75 | 69.4 | 20.35 | 64.8 | 18.97 | 62.4 | 18.27 | 60.2 | 17.60 | 55.6 | 16.26 | 51.0 | 14.93 |
| | -5.0 | -6.0 | 74.0 | 20.74 | 69.4 | 19.40 | 64.8 | 18.09 | 62.4 | 17.45 | 60.2 | 16.80 | 55.6 | 15.52 | 51.0 | 14.26 |
| | -3.0 | -4.0 | 74.0 | 19.80 | 69.4 | 18.53 | 64.8 | 17.29 | 62.4 | 16.68 | 60.2 | 16.06 | 55.6 | 14.85 | 51.0 | 13.65 |
| | -1.0 | -2.0 | 74.0 | 18.93 | 69.4 | 17.73 | 64.8 | 16.54 | 62.4 | 15.96 | 60.2 | 15.37 | 55.6 | 14.22 | 51.0 | 13.07 |
| | 0.0 | -1.0 | 74.0 | 18.53 | 69.4 | 17.35 | 64.8 | 16.18 | 62.4 | 15.61 | 60.2 | 15.05 | 55.6 | 13.92 | 51.0 | 12.80 |
| | 2.0 | 1.0 | 74.0 | 17.73 | 69.4 | 16.61 | 64.8 | 15.51 | 62.4 | 14.95 | 60.2 | 14.41 | 55.6 | 13.34 | 51.0 | 12.29 |
| | 5.0 | 4.0 | 74.0 | 16.64 | 69.4 | 15.60 | 64.8 | 14.55 | 62.4 | 14.04 | 60.2 | 13.56 | 55.6 | 12.54 | 51.0 | 11.55 |
| | 7.0 | 6.0 | 74.0 | 15.95 | 69.4 | 14.96 | 64.8 | 13.99 | 62.4 | 13.48 | 60.2 | 13.00 | 55.6 | 12.06 | 51.0 | 11.12 |
| | 9.0 | 7.8 | 74.0 | 15.39 | 69.4 | 14.43 | 64.8 | 13.48 | 62.4 | 13.01 | 60.2 | 12.55 | 55.6 | 11.63 | 51.0 | 10.72 |
| | 12.0 | 10.6 | 74.0 | 14.54 | 69.4 | 13.65 | 64.8 | 12.74 | 62.4 | 12.31 | 60.2 | 11.88 | 55.6 | 11.02 | 51.0 | 10.16 |
| | 15.0 | 13.5 | 74.0 | 13.72 | 69.4 | 12.88 | 64.8 | 12.05 | 62.4 | 11.64 | 60.2 | 11.22 | 55.6 | 10.41 | 51.0 | 9.62 |

| Heating capacity at rated condition: 121.5 kW (38HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 54.0 (50%) | -20.0 | -20.7 | 61.8 | 25.56 | 57.8 | 23.89 | 54.0 | 22.27 | 52.1 | 21.45 | 50.2 | 20.65 | 46.2 | 19.05 | 42.4 | 17.48 |
| | -15.0 | -16.0 | 61.8 | 22.18 | 57.8 | 20.77 | 54.0 | 19.36 | 52.1 | 18.66 | 50.2 | 17.97 | 46.2 | 16.61 | 42.4 | 15.27 |
| | -12.0 | -13.0 | 61.8 | 20.44 | 57.8 | 19.14 | 54.0 | 17.88 | 52.1 | 17.24 | 50.2 | 16.60 | 46.2 | 15.36 | 42.4 | 14.13 |
| | -9.0 | -10.0 | 61.8 | 18.94 | 57.8 | 17.76 | 54.0 | 16.58 | 52.1 | 15.99 | 50.2 | 15.43 | 46.2 | 14.28 | 42.4 | 13.13 |
| | -7.0 | -8.0 | 61.8 | 18.06 | 57.8 | 16.93 | 54.0 | 15.81 | 52.1 | 15.25 | 50.2 | 14.71 | 46.2 | 13.62 | 42.4 | 12.54 |
| | -5.0 | -6.0 | 61.8 | 17.23 | 57.8 | 16.16 | 54.0 | 15.09 | 52.1 | 14.58 | 50.2 | 14.05 | 46.2 | 13.03 | 42.4 | 12.01 |
| | -3.0 | -4.0 | 61.8 | 16.46 | 57.8 | 15.45 | 54.0 | 14.45 | 52.1 | 13.94 | 50.2 | 13.46 | 46.2 | 12.47 | 42.4 | 11.50 |
| | -1.0 | -2.0 | 61.8 | 15.75 | 57.8 | 14.78 | 54.0 | 13.84 | 52.1 | 13.36 | 50.2 | 12.88 | 46.2 | 11.96 | 42.4 | 11.02 |
| | 0.0 | -1.0 | 61.8 | 15.42 | 57.8 | 14.46 | 54.0 | 13.55 | 52.1 | 13.07 | 50.2 | 12.61 | 46.2 | 11.70 | 42.4 | 10.81 |
| | 2.0 | 1.0 | 61.8 | 14.78 | 57.8 | 13.87 | 54.0 | 12.99 | 52.1 | 12.53 | 50.2 | 12.10 | 46.2 | 11.24 | 42.4 | 10.38 |
| | 5.0 | 4.0 | 61.8 | 13.88 | 57.8 | 13.05 | 54.0 | 12.22 | 52.1 | 11.81 | 50.2 | 11.39 | 46.2 | 10.58 | 42.4 | 9.77 |
| | 7.0 | 6.0 | 61.8 | 13.32 | 57.8 | 12.54 | 54.0 | 11.74 | 52.1 | 11.34 | 50.2 | 10.96 | 46.2 | 10.18 | 42.4 | 9.42 |
| | 9.0 | 7.8 | 61.8 | 12.87 | 57.8 | 12.09 | 54.0 | 11.33 | 52.1 | 10.96 | 50.2 | 10.58 | 46.2 | 9.83 | 42.4 | 9.10 |
| | 12.0 | 10.6 | 61.8 | 12.17 | 57.8 | 11.45 | 54.0 | 10.73 | 52.1 | 10.37 | 50.2 | 10.02 | 46.2 | 9.32 | 42.4 | 8.63 |
| | 15.0 | 13.5 | 61.8 | 11.51 | 57.8 | 10.81 | 54.0 | 10.14 | 52.1 | 9.82 | 50.2 | 9.49 | 46.2 | 8.84 | 42.4 | 8.19 |

# ■ Model: AJ∗360GALDHH

| Heating capacity at rated condition: 126.5 kW (40HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 169.5 (150%) | -20.0 | -20.7 | 74.4 | 24.51 | 73.4 | 24.77 | 72.5 | 25.03 | 72.0 | 25.16 | 71.6 | 25.29 | 70.7 | 25.55 | 69.8 | 25.83 |
| | -15.0 | -16.0 | 85.0 | 25.57 | 84.2 | 25.89 | 83.4 | 26.22 | 83.0 | 26.38 | 82.6 | 26.55 | 81.9 | 26.87 | 81.1 | 27.21 |
| | -12.0 | -13.0 | 92.3 | 26.24 | 91.6 | 26.60 | 90.9 | 26.96 | 90.6 | 27.15 | 90.2 | 27.33 | 89.6 | 27.70 | 88.8 | 28.07 |
| | -9.0 | -10.0 | 100.1 | 26.92 | 99.5 | 27.31 | 98.8 | 27.71 | 98.4 | 27.91 | 98.2 | 28.11 | 97.5 | 28.52 | 96.8 | 28.93 |
| | -7.0 | -8.0 | 105.6 | 27.36 | 104.8 | 27.79 | 104.2 | 28.21 | 103.9 | 28.43 | 103.6 | 28.63 | 102.9 | 29.06 | 102.2 | 29.49 |
| | -5.0 | -6.0 | 111.1 | 27.82 | 110.5 | 28.26 | 109.8 | 28.71 | 109.4 | 28.93 | 109.1 | 29.16 | 108.5 | 29.61 | 107.9 | 30.06 |
| | -3.0 | -4.0 | 116.7 | 28.28 | 116.1 | 28.73 | 115.4 | 29.21 | 115.1 | 29.44 | 114.8 | 29.67 | 114.2 | 30.15 | 113.4 | 30.63 |
| | -1.0 | -2.0 | 122.5 | 28.74 | 121.8 | 29.22 | 121.2 | 29.71 | 120.8 | 29.95 | 120.5 | 30.20 | 119.8 | 30.70 | 119.1 | 31.18 |
| | 0.0 | -1.0 | 125.4 | 28.96 | 124.8 | 29.46 | 124.1 | 29.96 | 123.7 | 30.21 | 123.3 | 30.46 | 122.7 | 30.96 | 122.0 | 31.47 |
| | 2.0 | 1.0 | 131.4 | 29.42 | 130.5 | 29.94 | 129.9 | 30.45 | 129.6 | 30.71 | 129.2 | 30.98 | 128.4 | 31.49 | 127.3 | 31.87 |
| | 5.0 | 4.0 | 140.3 | 30.10 | 139.6 | 30.64 | 138.8 | 31.19 | 138.4 | 31.47 | 137.9 | 31.74 | 137.1 | 32.30 | 131.1 | 31.11 |
| | 7.0 | 6.0 | 146.4 | 30.56 | 145.5 | 31.13 | 144.7 | 31.69 | 144.3 | 31.96 | 143.8 | 32.26 | 140.9 | 32.16 | 133.1 | 30.49 |
| | 9.0 | 7.8 | 151.9 | 30.97 | 151.0 | 31.55 | 150.0 | 32.13 | 149.6 | 32.41 | 149.2 | 32.71 | 143.0 | 31.61 | 133.1 | 29.34 |
| | 12.0 | 10.6 | 160.4 | 31.61 | 159.3 | 32.21 | 158.4 | 32.81 | 157.7 | 33.03 | 153.8 | 32.29 | 145.3 | 30.53 | 133.1 | 27.64 |
| | 15.0 | 13.5 | 169.1 | 32.26 | 168.1 | 32.87 | 164.8 | 32.82 | 161.0 | 32.12 | 157.1 | 31.43 | 145.3 | 28.73 | 133.1 | 26.02 |
| 158.2 (140%) | -20.0 | -20.7 | 73.9 | 24.62 | 73.1 | 24.88 | 72.1 | 25.14 | 71.7 | 25.27 | 71.2 | 25.41 | 70.3 | 25.67 | 69.4 | 25.94 |
| | -15.0 | -16.0 | 84.6 | 25.72 | 83.8 | 26.05 | 83.0 | 26.37 | 82.6 | 26.54 | 82.3 | 26.70 | 81.6 | 27.03 | 80.8 | 27.36 |
| | -12.0 | -13.0 | 92.0 | 26.43 | 91.3 | 26.80 | 90.6 | 27.16 | 90.2 | 27.33 | 89.8 | 27.52 | 89.2 | 27.88 | 88.5 | 28.27 |
| | -9.0 | -10.0 | 99.8 | 27.14 | 99.1 | 27.55 | 98.4 | 27.94 | 98.0 | 28.14 | 97.7 | 28.34 | 97.2 | 28.74 | 96.4 | 29.15 |
| | -7.0 | -8.0 | 105.1 | 27.63 | 104.5 | 28.04 | 103.8 | 28.47 | 103.5 | 28.67 | 103.2 | 28.89 | 102.5 | 29.32 | 101.9 | 29.75 |
| | -5.0 | -6.0 | 110.6 | 28.11 | 109.9 | 28.54 | 109.4 | 29.00 | 109.1 | 29.23 | 108.8 | 29.44 | 108.1 | 29.89 | 107.4 | 30.34 |
| | -3.0 | -4.0 | 116.2 | 28.59 | 115.6 | 29.05 | 115.0 | 29.53 | 114.7 | 29.76 | 114.3 | 29.99 | 113.6 | 30.47 | 113.0 | 30.94 |
| | -1.0 | -2.0 | 122.0 | 29.08 | 121.3 | 29.56 | 120.7 | 30.06 | 120.4 | 30.30 | 120.0 | 30.54 | 119.3 | 31.04 | 118.2 | 31.39 |
| | 0.0 | -1.0 | 124.9 | 29.32 | 124.2 | 29.82 | 123.6 | 30.32 | 123.2 | 30.57 | 122.9 | 30.82 | 122.1 | 31.33 | 120.0 | 31.32 |
| | 2.0 | 1.0 | 130.8 | 29.81 | 130.1 | 30.33 | 129.3 | 30.85 | 129.0 | 31.10 | 128.6 | 31.37 | 127.9 | 31.90 | 122.2 | 30.72 |
| | 5.0 | 4.0 | 139.7 | 30.55 | 138.8 | 31.10 | 138.1 | 31.65 | 137.7 | 31.91 | 137.3 | 32.19 | 132.6 | 31.43 | 124.3 | 29.46 |
| | 7.0 | 6.0 | 145.6 | 31.04 | 144.7 | 31.60 | 144.0 | 32.17 | 143.5 | 32.45 | 142.0 | 32.36 | 134.9 | 30.88 | 124.3 | 28.20 |
| | 9.0 | 7.8 | 151.0 | 31.49 | 150.1 | 32.06 | 149.2 | 32.63 | 147.6 | 32.52 | 144.0 | 31.81 | 135.6 | 29.94 | 124.3 | 27.15 |
| | 12.0 | 10.6 | 159.4 | 32.16 | 158.4 | 32.76 | 154.3 | 32.37 | 150.8 | 31.69 | 146.9 | 30.91 | 135.6 | 28.21 | 124.3 | 25.59 |
| | 15.0 | 13.5 | 168.1 | 32.86 | 164.8 | 32.80 | 157.7 | 31.53 | 152.6 | 30.40 | 146.9 | 29.09 | 135.6 | 26.55 | 124.3 | 24.09 |
| 146.9 (130%) | -20.0 | -20.7 | 73.5 | 24.75 | 72.6 | 25.01 | 71.7 | 25.26 | 71.2 | 25.41 | 70.7 | 25.53 | 69.9 | 25.80 | 69.1 | 26.08 |
| | -15.0 | -16.0 | 84.1 | 25.92 | 83.3 | 26.23 | 82.6 | 26.55 | 82.3 | 26.71 | 81.9 | 26.88 | 81.1 | 27.21 | 80.3 | 27.54 |
| | -12.0 | -13.0 | 91.5 | 26.66 | 90.8 | 27.02 | 90.1 | 27.38 | 89.8 | 27.55 | 89.4 | 27.74 | 88.8 | 28.11 | 88.0 | 28.49 |
| | -9.0 | -10.0 | 99.3 | 27.41 | 98.6 | 27.81 | 98.0 | 28.21 | 97.7 | 28.41 | 97.3 | 28.60 | 96.6 | 29.01 | 96.1 | 29.42 |
| | -7.0 | -8.0 | 104.7 | 27.92 | 104.0 | 28.34 | 103.4 | 28.76 | 103.0 | 28.98 | 102.8 | 29.19 | 102.1 | 29.62 | 101.5 | 30.05 |
| | -5.0 | -6.0 | 110.2 | 28.43 | 109.5 | 28.88 | 108.9 | 29.32 | 108.5 | 29.55 | 108.2 | 29.77 | 107.6 | 30.23 | 106.9 | 30.67 |
| | -3.0 | -4.0 | 115.7 | 28.96 | 115.1 | 29.42 | 114.5 | 29.89 | 114.1 | 30.12 | 113.8 | 30.35 | 113.1 | 30.83 | 111.2 | 30.85 |
| | -1.0 | -2.0 | 121.5 | 29.48 | 120.7 | 29.97 | 120.1 | 30.45 | 119.8 | 30.70 | 119.5 | 30.95 | 118.7 | 31.41 | 113.4 | 30.24 |
| | 0.0 | -1.0 | 124.4 | 29.74 | 123.6 | 30.23 | 123.0 | 30.74 | 122.7 | 30.99 | 122.3 | 31.24 | 120.9 | 31.49 | 114.5 | 29.97 |
| | 2.0 | 1.0 | 130.1 | 30.27 | 129.4 | 30.78 | 128.7 | 31.30 | 128.3 | 31.56 | 128.0 | 31.82 | 123.3 | 30.94 | 115.5 | 29.00 |
| | 5.0 | 4.0 | 138.9 | 31.06 | 138.2 | 31.61 | 137.4 | 32.15 | 136.4 | 32.25 | 133.2 | 31.53 | 125.9 | 29.89 | 115.5 | 27.13 |
| | 7.0 | 6.0 | 144.7 | 31.59 | 144.0 | 32.15 | 142.0 | 32.34 | 138.7 | 31.65 | 135.4 | 30.96 | 125.9 | 28.63 | 115.5 | 25.99 |
| | 9.0 | 7.8 | 150.1 | 32.07 | 149.2 | 32.64 | 144.0 | 31.80 | 140.7 | 31.14 | 136.4 | 30.15 | 125.9 | 27.54 | 115.5 | 25.01 |
| | 12.0 | 10.6 | 158.4 | 32.81 | 153.8 | 32.26 | 146.9 | 30.91 | 141.6 | 29.65 | 136.4 | 28.40 | 125.9 | 25.96 | 115.5 | 23.59 |
| | 15.0 | 13.5 | 163.8 | 32.60 | 157.1 | 31.42 | 146.9 | 29.09 | 141.6 | 27.90 | 136.4 | 26.73 | 125.9 | 24.43 | 115.5 | 22.21 |
| 135.6 (120%) | -20.0 | -20.7 | 73.1 | 24.90 | 72.1 | 25.15 | 71.2 | 25.41 | 70.7 | 25.55 | 70.2 | 25.68 | 69.4 | 25.95 | 68.6 | 26.22 |
| | -15.0 | -16.0 | 83.6 | 26.12 | 82.8 | 26.45 | 82.1 | 26.76 | 81.8 | 26.93 | 81.3 | 27.09 | 80.6 | 27.42 | 79.9 | 27.76 |
| | -12.0 | -13.0 | 91.1 | 26.91 | 90.3 | 27.28 | 89.6 | 27.64 | 89.3 | 27.82 | 89.0 | 28.00 | 88.2 | 28.36 | 87.6 | 28.74 |
| | -9.0 | -10.0 | 98.8 | 27.73 | 98.1 | 28.12 | 97.5 | 28.51 | 97.2 | 28.72 | 96.9 | 28.92 | 96.1 | 29.33 | 95.5 | 29.73 |
| | -7.0 | -8.0 | 104.1 | 28.26 | 103.5 | 28.69 | 102.8 | 29.11 | 102.6 | 29.32 | 102.2 | 29.54 | 101.5 | 29.96 | 100.4 | 30.20 |
| | -5.0 | -6.0 | 109.6 | 28.82 | 108.9 | 29.25 | 108.3 | 29.71 | 108.0 | 29.93 | 107.7 | 30.16 | 107.0 | 30.61 | 103.5 | 29.98 |
| | -3.0 | -4.0 | 115.2 | 29.37 | 114.5 | 29.84 | 113.9 | 30.31 | 113.5 | 30.54 | 113.2 | 30.79 | 111.6 | 30.91 | 105.7 | 29.42 |
| | -1.0 | -2.0 | 120.7 | 29.94 | 120.1 | 30.43 | 119.5 | 30.91 | 119.2 | 31.16 | 118.8 | 31.39 | 113.9 | 30.36 | 106.5 | 28.42 |
| | 0.0 | -1.0 | 123.7 | 30.23 | 123.0 | 30.72 | 122.3 | 31.22 | 121.9 | 31.47 | 120.9 | 31.47 | 115.0 | 30.09 | 106.5 | 27.78 |
| | 2.0 | 1.0 | 129.4 | 30.79 | 128.7 | 31.30 | 128.0 | 31.83 | 126.3 | 31.63 | 123.3 | 30.93 | 116.2 | 29.22 | 106.5 | 26.55 |
| | 5.0 | 4.0 | 138.1 | 31.66 | 137.3 | 32.20 | 132.7 | 31.41 | 129.6 | 30.78 | 125.9 | 29.89 | 116.2 | 27.34 | 106.5 | 24.86 |
| | 7.0 | 6.0 | 143.9 | 32.23 | 141.0 | 32.10 | 134.9 | 30.87 | 130.8 | 29.87 | 125.9 | 28.63 | 116.2 | 26.19 | 106.5 | 23.81 |
| | 9.0 | 7.8 | 148.9 | 32.68 | 143.0 | 31.58 | 135.6 | 29.94 | 130.8 | 28.73 | 125.9 | 27.54 | 116.2 | 25.20 | 106.5 | 22.92 |
| | 12.0 | 10.6 | 152.4 | 31.96 | 145.3 | 30.53 | 135.6 | 28.21 | 130.8 | 27.08 | 125.9 | 25.96 | 116.2 | 23.76 | 106.5 | 21.62 |
| | 15.0 | 13.5 | 155.0 | 30.94 | 145.3 | 28.73 | 135.6 | 26.55 | 130.8 | 25.50 | 125.9 | 24.43 | 116.2 | 22.37 | 106.5 | 20.37 |
| 124.3 (110%) | -20.0 | -20.7 | 72.4 | 25.07 | 71.4 | 25.33 | 70.6 | 25.59 | 70.2 | 25.71 | 69.7 | 25.85 | 68.8 | 26.12 | 68.0 | 26.38 |
| | -15.0 | -16.0 | 83.1 | 26.37 | 82.3 | 26.70 | 81.6 | 27.01 | 81.2 | 27.18 | 80.8 | 27.34 | 80.1 | 27.67 | 79.4 | 28.00 |
| | -12.0 | -13.0 | 90.4 | 27.22 | 89.8 | 27.57 | 89.1 | 27.94 | 88.7 | 28.12 | 88.3 | 28.30 | 87.7 | 28.67 | 87.0 | 29.03 |
| | -9.0 | -10.0 | 98.2 | 28.08 | 97.4 | 28.48 | 96.9 | 28.88 | 96.6 | 29.07 | 96.2 | 29.28 | 95.6 | 29.68 | 93.7 | 29.60 |
| | -7.0 | -8.0 | 103.5 | 28.68 | 102.9 | 29.09 | 102.2 | 29.52 | 101.9 | 29.72 | 101.5 | 29.94 | 100.4 | 30.18 | 95.9 | 29.05 |
| | -5.0 | -6.0 | 108.9 | 29.26 | 108.3 | 29.71 | 107.7 | 30.15 | 107.4 | 30.38 | 107.1 | 30.60 | 103.5 | 29.97 | 97.7 | 28.38 |
| | -3.0 | -4.0 | 114.4 | 29.86 | 113.8 | 30.34 | 113.2 | 30.80 | 112.7 | 31.01 | 111.3 | 30.81 | 105.7 | 29.42 | 97.7 | 27.07 |
| | -1.0 | -2.0 | 120.1 | 30.49 | 119.3 | 30.97 | 118.3 | 31.31 | 116.2 | 30.89 | 113.4 | 30.23 | 106.5 | 28.42 | 97.7 | 25.85 |
| | 0.0 | -1.0 | 122.8 | 30.80 | 122.2 | 31.29 | 120.1 | 31.26 | 117.2 | 30.60 | 114.5 | 29.96 | 106.5 | 27.77 | 97.7 | 25.27 |
| | 2.0 | 1.0 | 128.5 | 31.41 | 127.4 | 31.78 | 122.3 | 30.69 | 119.4 | 30.07 | 115.5 | 29.00 | 106.5 | 26.55 | 97.7 | 24.17 |
| | 5.0 | 4.0 | 136.6 | 32.20 | 131.1 | 31.07 | 124.3 | 29.46 | 119.8 | 28.29 | 115.5 | 27.13 | 106.5 | 24.86 | 97.7 | 22.64 |
| | 7.0 | 6.0 | 139.0 | 31.67 | 133.1 | 30.49 | 124.3 | 28.20 | 119.8 | 27.10 | 115.5 | 25.99 | 106.5 | 23.81 | 97.7 | 21.69 |
| | 9.0 | 7.8 | 141.0 | 31.18 | 133.1 | 29.34 | 124.3 | 27.15 | 119.8 | 26.08 | 115.5 | 25.01 | 106.5 | 22.92 | 97.7 | 20.88 |
| | 12.0 | 10.6 | 142.1 | 29.75 | 133.1 | 27.64 | 124.3 | 25.59 | 119.8 | 24.58 | 115.5 | 23.59 | 106.5 | 21.62 | 97.7 | 19.70 |
| | 15.0 | 13.5 | 142.1 | 27.99 | 133.1 | 26.02 | 124.3 | 24.09 | 119.8 | 23.14 | 115.5 | 22.21 | 106.5 | 20.37 | 97.7 | 18.57 |

MODEL SELECTION

| Heating capacity at rated condition: 126.5 kW (40HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 113.0 (100%) | -20.0 | -20.7 | 71.6 | 25.28 | 70.8 | 25.53 | 69.9 | 25.80 | 69.5 | 25.93 | 69.0 | 26.06 | 68.2 | 26.32 | 67.4 | 26.59 |
| | -15.0 | -16.0 | 82.4 | 26.67 | 81.7 | 26.98 | 80.9 | 27.31 | 80.5 | 27.47 | 80.2 | 27.64 | 79.4 | 27.96 | 78.7 | 28.30 |
| | -12.0 | -13.0 | 89.8 | 27.57 | 89.1 | 27.93 | 88.4 | 28.30 | 88.1 | 28.48 | 87.8 | 28.67 | 87.0 | 29.03 | 85.1 | 28.84 |
| | -9.0 | -10.0 | 97.4 | 28.51 | 96.8 | 28.90 | 96.2 | 29.31 | 95.9 | 29.51 | 95.6 | 29.71 | 93.3 | 29.48 | 88.2 | 28.04 |
| | -7.0 | -8.0 | 102.8 | 29.15 | 102.1 | 29.58 | 101.5 | 30.00 | 101.2 | 30.21 | 100.0 | 30.08 | 95.4 | 28.91 | 88.8 | 26.90 |
| | -5.0 | -6.0 | 108.2 | 29.80 | 107.4 | 30.25 | 106.5 | 30.56 | 105.1 | 30.35 | 102.5 | 29.69 | 96.9 | 28.15 | 88.8 | 25.62 |
| | -3.0 | -4.0 | 113.6 | 30.47 | 113.0 | 30.92 | 109.8 | 30.41 | 107.2 | 29.78 | 104.6 | 29.16 | 96.9 | 26.83 | 88.8 | 24.44 |
| | -1.0 | -2.0 | 119.1 | 31.14 | 117.0 | 31.06 | 111.9 | 29.86 | 109.0 | 29.12 | 104.9 | 27.94 | 96.9 | 25.62 | 88.8 | 23.35 |
| | 0.0 | -1.0 | 121.9 | 31.47 | 118.1 | 30.77 | 113.0 | 29.61 | 109.0 | 28.47 | 104.9 | 27.30 | 96.9 | 25.05 | 88.8 | 22.82 |
| | 2.0 | 1.0 | 125.3 | 31.35 | 120.3 | 30.24 | 113.0 | 28.31 | 109.0 | 27.21 | 104.9 | 26.11 | 96.9 | 23.95 | 88.8 | 21.85 |
| | 5.0 | 4.0 | 128.6 | 30.55 | 121.1 | 28.60 | 113.0 | 26.51 | 109.0 | 25.48 | 104.9 | 24.45 | 96.9 | 22.43 | 88.8 | 20.47 |
| | 7.0 | 6.0 | 129.1 | 29.45 | 121.1 | 27.40 | 113.0 | 25.39 | 109.0 | 24.41 | 104.9 | 23.43 | 96.9 | 21.50 | 88.8 | 19.61 |
| | 9.0 | 7.8 | 129.1 | 28.32 | 121.1 | 26.37 | 113.0 | 24.44 | 109.0 | 23.49 | 104.9 | 22.55 | 96.9 | 20.70 | 88.8 | 18.90 |
| | 12.0 | 10.6 | 129.1 | 26.70 | 121.1 | 24.85 | 113.0 | 23.04 | 109.0 | 22.15 | 104.9 | 21.27 | 96.9 | 19.53 | 88.8 | 17.83 |
| | 15.0 | 13.5 | 129.1 | 25.14 | 121.1 | 23.40 | 113.0 | 21.70 | 109.0 | 20.87 | 104.9 | 20.04 | 96.9 | 18.41 | 88.8 | 16.81 |
| 101.7 (90%) | -20.0 | -20.7 | 70.8 | 25.52 | 69.9 | 25.78 | 69.1 | 26.05 | 68.7 | 26.18 | 68.2 | 26.30 | 67.5 | 26.57 | 66.6 | 26.84 |
| | -15.0 | -16.0 | 81.5 | 27.01 | 80.9 | 27.34 | 80.1 | 27.66 | 79.7 | 27.83 | 79.4 | 27.98 | 78.6 | 28.31 | 76.5 | 27.99 |
| | -12.0 | -13.0 | 88.8 | 28.01 | 88.3 | 28.37 | 87.6 | 28.73 | 87.2 | 28.91 | 86.9 | 29.07 | 84.2 | 28.57 | 79.6 | 27.19 |
| | -9.0 | -10.0 | 96.7 | 29.03 | 95.9 | 29.44 | 95.0 | 29.71 | 93.9 | 29.57 | 91.8 | 29.03 | 87.2 | 27.74 | 79.9 | 25.29 |
| | -7.0 | -8.0 | 101.8 | 29.73 | 101.3 | 30.16 | 98.5 | 29.71 | 96.1 | 29.10 | 93.8 | 28.49 | 87.2 | 26.37 | 79.9 | 24.06 |
| | -5.0 | -6.0 | 107.2 | 30.45 | 105.1 | 30.33 | 100.5 | 29.16 | 98.1 | 28.52 | 94.4 | 27.38 | 87.2 | 25.13 | 79.9 | 22.93 |
| | -3.0 | -4.0 | 111.7 | 30.83 | 107.3 | 29.77 | 101.7 | 28.30 | 98.1 | 27.20 | 94.4 | 26.11 | 87.2 | 23.97 | 79.9 | 21.89 |
| | -1.0 | -2.0 | 113.9 | 30.32 | 109.0 | 29.12 | 101.7 | 27.00 | 98.1 | 25.97 | 94.4 | 24.94 | 87.2 | 22.90 | 79.9 | 20.91 |
| | 0.0 | -1.0 | 115.0 | 30.07 | 109.0 | 28.47 | 101.7 | 26.40 | 98.1 | 25.38 | 94.4 | 24.37 | 87.2 | 22.39 | 79.9 | 20.46 |
| | 2.0 | 1.0 | 116.2 | 29.22 | 109.0 | 27.21 | 101.7 | 25.24 | 98.1 | 24.28 | 94.4 | 23.31 | 87.2 | 21.42 | 79.9 | 19.57 |
| | 5.0 | 4.0 | 116.2 | 27.34 | 109.0 | 25.48 | 101.7 | 23.64 | 98.1 | 22.74 | 94.4 | 21.85 | 87.2 | 20.09 | 79.9 | 18.35 |
| | 7.0 | 6.0 | 116.2 | 26.19 | 109.0 | 24.41 | 101.7 | 22.65 | 98.1 | 21.79 | 94.4 | 20.93 | 87.2 | 19.26 | 79.9 | 17.60 |
| | 9.0 | 7.8 | 116.2 | 25.20 | 109.0 | 23.49 | 101.7 | 21.81 | 98.1 | 20.98 | 94.4 | 20.16 | 87.2 | 18.54 | 79.9 | 16.96 |
| | 12.0 | 10.6 | 116.2 | 23.76 | 109.0 | 22.15 | 101.7 | 20.58 | 98.1 | 19.79 | 94.4 | 19.02 | 87.2 | 17.51 | 79.9 | 16.01 |
| | 15.0 | 13.5 | 116.2 | 22.37 | 109.0 | 20.87 | 101.7 | 19.38 | 98.1 | 18.65 | 94.4 | 17.93 | 87.2 | 16.51 | 79.9 | 15.11 |
| 90.4 (80%) | -20.0 | -20.7 | 69.8 | 25.83 | 69.0 | 26.09 | 68.1 | 26.35 | 67.7 | 26.48 | 67.3 | 26.61 | 66.5 | 26.87 | 65.1 | 26.82 |
| | -15.0 | -16.0 | 80.5 | 27.46 | 79.9 | 27.79 | 79.1 | 28.10 | 78.7 | 28.27 | 77.9 | 28.17 | 75.1 | 27.54 | 70.9 | 26.22 |
| | -12.0 | -13.0 | 87.9 | 28.55 | 87.2 | 28.91 | 85.6 | 28.85 | 84.3 | 28.55 | 82.1 | 27.94 | 77.5 | 26.46 | 71.0 | 24.16 |
| | -9.0 | -10.0 | 95.6 | 29.69 | 93.4 | 29.43 | 89.3 | 28.32 | 87.2 | 27.74 | 83.9 | 26.65 | 77.5 | 24.49 | 71.0 | 22.36 |
| | -7.0 | -8.0 | 99.5 | 29.96 | 95.4 | 28.89 | 90.4 | 27.43 | 87.2 | 26.37 | 83.9 | 25.34 | 77.5 | 23.30 | 71.0 | 21.29 |
| | -5.0 | -6.0 | 101.6 | 29.40 | 96.9 | 28.15 | 90.4 | 26.12 | 87.2 | 25.13 | 83.9 | 24.15 | 77.5 | 22.21 | 71.0 | 20.30 |
| | -3.0 | -4.0 | 103.3 | 28.78 | 96.9 | 26.83 | 90.4 | 24.91 | 87.2 | 23.97 | 83.9 | 23.04 | 77.5 | 21.19 | 71.0 | 19.38 |
| | -1.0 | -2.0 | 103.3 | 27.47 | 96.9 | 25.62 | 90.4 | 23.80 | 87.2 | 22.90 | 83.9 | 22.01 | 77.5 | 20.26 | 71.0 | 18.52 |
| | 0.0 | -1.0 | 103.3 | 26.85 | 96.9 | 25.05 | 90.4 | 23.28 | 87.2 | 22.39 | 83.9 | 21.53 | 77.5 | 19.82 | 71.0 | 18.12 |
| | 2.0 | 1.0 | 103.3 | 25.67 | 96.9 | 23.95 | 90.4 | 22.25 | 87.2 | 21.42 | 83.9 | 20.60 | 77.5 | 18.96 | 71.0 | 17.35 |
| | 5.0 | 4.0 | 103.3 | 24.04 | 96.9 | 22.43 | 90.4 | 20.86 | 87.2 | 20.09 | 83.9 | 19.31 | 77.5 | 17.79 | 71.0 | 16.29 |
| | 7.0 | 6.0 | 103.3 | 23.03 | 96.9 | 21.50 | 90.4 | 19.99 | 87.2 | 19.26 | 83.9 | 18.51 | 77.5 | 17.05 | 71.0 | 15.63 |
| | 9.0 | 7.8 | 103.3 | 22.17 | 96.9 | 20.70 | 90.4 | 19.26 | 87.2 | 18.54 | 83.9 | 17.83 | 77.5 | 16.44 | 71.0 | 15.06 |
| | 12.0 | 10.6 | 103.3 | 20.92 | 96.9 | 19.53 | 90.4 | 18.17 | 87.2 | 17.51 | 83.9 | 16.84 | 77.5 | 15.53 | 71.0 | 14.23 |
| | 15.0 | 13.5 | 103.3 | 19.71 | 96.9 | 18.41 | 90.4 | 17.12 | 87.2 | 16.51 | 83.9 | 15.88 | 77.5 | 14.65 | 71.0 | 13.44 |
| 79.1 (70%) | -20.0 | -20.7 | 68.5 | 26.21 | 67.8 | 26.47 | 66.9 | 26.74 | 66.6 | 26.86 | 66.0 | 26.94 | 64.0 | 26.58 | 60.9 | 25.59 |
| | -15.0 | -16.0 | 79.2 | 28.01 | 78.3 | 28.16 | 76.2 | 27.85 | 74.4 | 27.28 | 72.5 | 26.70 | 67.8 | 25.01 | 62.1 | 22.86 |
| | -12.0 | -13.0 | 85.6 | 28.82 | 82.7 | 28.08 | 79.1 | 27.04 | 76.3 | 26.03 | 73.4 | 25.03 | 67.8 | 23.02 | 62.1 | 21.06 |
| | -9.0 | -10.0 | 89.3 | 28.31 | 84.8 | 26.91 | 79.1 | 25.01 | 76.3 | 24.08 | 73.4 | 23.15 | 67.8 | 21.31 | 62.1 | 19.52 |
| | -7.0 | -8.0 | 90.4 | 27.43 | 84.7 | 25.59 | 79.1 | 23.80 | 76.3 | 22.92 | 73.4 | 22.03 | 67.8 | 20.30 | 62.1 | 18.58 |
| | -5.0 | -6.0 | 90.4 | 26.12 | 84.7 | 24.39 | 79.1 | 22.69 | 76.3 | 21.84 | 73.4 | 21.01 | 67.8 | 19.35 | 62.1 | 17.74 |
| | -3.0 | -4.0 | 90.4 | 24.91 | 84.8 | 23.27 | 79.1 | 21.65 | 76.3 | 20.85 | 73.4 | 20.05 | 67.8 | 18.49 | 62.1 | 16.94 |
| | -1.0 | -2.0 | 90.4 | 23.80 | 84.7 | 22.23 | 79.1 | 20.69 | 76.3 | 19.93 | 73.4 | 19.17 | 67.8 | 17.68 | 62.1 | 16.21 |
| | 0.0 | -1.0 | 90.4 | 23.28 | 84.7 | 21.75 | 79.1 | 20.24 | 76.3 | 19.49 | 73.4 | 18.76 | 67.8 | 17.30 | 62.1 | 15.87 |
| | 2.0 | 1.0 | 90.4 | 22.25 | 84.7 | 20.80 | 79.1 | 19.37 | 76.3 | 18.65 | 73.4 | 17.96 | 67.8 | 16.57 | 62.1 | 15.20 |
| | 5.0 | 4.0 | 90.4 | 20.86 | 84.7 | 19.49 | 79.1 | 18.17 | 76.3 | 17.50 | 73.4 | 16.85 | 67.8 | 15.54 | 62.1 | 14.27 |
| | 7.0 | 6.0 | 90.4 | 19.99 | 84.7 | 18.70 | 79.1 | 17.42 | 76.3 | 16.79 | 73.4 | 16.16 | 67.8 | 14.93 | 62.1 | 13.70 |
| | 9.0 | 7.8 | 90.4 | 19.26 | 84.7 | 18.01 | 79.1 | 16.79 | 76.3 | 16.18 | 73.4 | 15.58 | 67.8 | 14.39 | 62.1 | 13.22 |
| | 12.0 | 10.6 | 90.4 | 18.17 | 84.8 | 17.00 | 79.1 | 15.85 | 76.3 | 15.29 | 73.4 | 14.72 | 67.8 | 13.59 | 62.1 | 12.50 |
| | 15.0 | 13.5 | 90.4 | 17.12 | 84.7 | 16.03 | 79.1 | 14.96 | 76.3 | 14.41 | 73.4 | 13.89 | 67.8 | 12.85 | 62.1 | 11.81 |
| 67.8 (60%) | -20.0 | -20.7 | 67.0 | 26.72 | 65.9 | 26.83 | 64.1 | 26.55 | 63.0 | 26.33 | 61.5 | 25.77 | 58.1 | 24.59 | 53.3 | 22.50 |
| | -15.0 | -16.0 | 75.2 | 27.50 | 72.0 | 26.54 | 67.8 | 25.01 | 65.3 | 24.07 | 63.0 | 23.16 | 58.1 | 21.34 | 53.3 | 19.55 |
| | -12.0 | -13.0 | 77.5 | 26.46 | 72.6 | 24.74 | 67.8 | 23.02 | 65.3 | 22.18 | 63.0 | 21.33 | 58.1 | 19.67 | 53.3 | 18.04 |
| | -9.0 | -10.0 | 77.5 | 24.49 | 72.6 | 22.88 | 67.8 | 21.31 | 65.3 | 20.54 | 63.0 | 19.77 | 58.1 | 18.23 | 53.3 | 16.73 |
| | -7.0 | -8.0 | 77.5 | 23.30 | 72.6 | 21.78 | 67.8 | 20.30 | 65.3 | 19.55 | 63.0 | 18.83 | 58.1 | 17.38 | 53.3 | 15.95 |
| | -5.0 | -6.0 | 77.5 | 22.21 | 72.6 | 20.77 | 67.8 | 19.35 | 65.3 | 18.66 | 63.0 | 17.96 | 58.1 | 16.59 | 53.3 | 15.23 |
| | -3.0 | -4.0 | 77.5 | 21.19 | 72.6 | 19.83 | 67.8 | 18.49 | 65.3 | 17.83 | 63.0 | 17.16 | 58.1 | 15.86 | 53.3 | 14.57 |
| | -1.0 | -2.0 | 77.5 | 20.26 | 72.6 | 18.96 | 67.8 | 17.68 | 65.3 | 17.05 | 63.0 | 16.42 | 58.1 | 15.18 | 53.3 | 13.95 |
| | 0.0 | -1.0 | 77.5 | 19.82 | 72.6 | 18.55 | 67.8 | 17.30 | 65.3 | 16.68 | 63.0 | 16.07 | 58.1 | 14.86 | 53.3 | 13.66 |
| | 2.0 | 1.0 | 77.5 | 18.96 | 72.6 | 17.76 | 67.8 | 16.57 | 65.3 | 15.97 | 63.0 | 15.39 | 58.1 | 14.24 | 53.3 | 13.10 |
| | 5.0 | 4.0 | 77.5 | 17.79 | 72.6 | 16.67 | 67.8 | 15.54 | 65.3 | 15.00 | 63.0 | 14.47 | 58.1 | 13.38 | 53.3 | 12.31 |
| | 7.0 | 6.0 | 77.5 | 17.05 | 72.6 | 15.98 | 67.8 | 14.93 | 65.3 | 14.39 | 63.0 | 13.87 | 58.1 | 12.86 | 53.3 | 11.84 |
| | 9.0 | 7.8 | 77.5 | 16.44 | 72.6 | 15.41 | 67.8 | 14.39 | 65.3 | 13.89 | 63.0 | 13.39 | 58.1 | 12.39 | 53.3 | 11.42 |
| | 12.0 | 10.6 | 77.5 | 15.53 | 72.6 | 14.56 | 67.8 | 13.59 | 65.3 | 13.13 | 63.0 | 12.66 | 58.1 | 11.74 | 53.3 | 10.81 |
| | 15.0 | 13.5 | 77.5 | 14.65 | 72.6 | 13.74 | 67.8 | 12.85 | 65.3 | 12.40 | 63.0 | 11.96 | 58.1 | 11.08 | 53.3 | 10.23 |

| Heating capacity at rated condition: 126.5 kW (40HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 56.5 (50%) | -20.0 | -20.7 | 62.6 | 26.13 | 59.8 | 25.20 | 56.5 | 23.89 | 54.5 | 23.02 | 52.5 | 22.15 | 48.4 | 20.43 | 44.4 | 18.74 |
| | -15.0 | -16.0 | 64.6 | 23.77 | 60.5 | 22.25 | 56.5 | 20.74 | 54.5 | 19.99 | 52.5 | 19.25 | 48.4 | 17.78 | 44.4 | 16.33 |
| | -12.0 | -13.0 | 64.6 | 21.89 | 60.5 | 20.50 | 56.5 | 19.13 | 54.5 | 18.45 | 52.5 | 17.76 | 48.4 | 16.42 | 44.4 | 15.09 |
| | -9.0 | -10.0 | 64.6 | 20.28 | 60.5 | 19.00 | 56.5 | 17.73 | 54.5 | 17.10 | 52.5 | 16.49 | 48.4 | 15.25 | 44.4 | 14.02 |
| | -7.0 | -8.0 | 64.6 | 19.32 | 60.5 | 18.10 | 56.5 | 16.90 | 54.5 | 16.30 | 52.5 | 15.72 | 48.4 | 14.55 | 44.4 | 13.38 |
| | -5.0 | -6.0 | 64.6 | 18.43 | 60.5 | 17.27 | 56.5 | 16.13 | 54.5 | 15.57 | 52.5 | 15.01 | 48.4 | 13.90 | 44.4 | 12.81 |
| | -3.0 | -4.0 | 64.6 | 17.60 | 60.5 | 16.51 | 56.5 | 15.43 | 54.5 | 14.89 | 52.5 | 14.36 | 48.4 | 13.30 | 44.4 | 12.26 |
| | -1.0 | -2.0 | 64.6 | 16.84 | 60.5 | 15.79 | 56.5 | 14.77 | 54.5 | 14.26 | 52.5 | 13.75 | 48.4 | 12.75 | 44.4 | 11.74 |
| | 0.0 | -1.0 | 64.6 | 16.47 | 60.5 | 15.45 | 56.5 | 14.46 | 54.5 | 13.95 | 52.5 | 13.45 | 48.4 | 12.47 | 44.4 | 11.51 |
| | 2.0 | 1.0 | 64.6 | 15.78 | 60.5 | 14.81 | 56.5 | 13.86 | 54.5 | 13.37 | 52.5 | 12.90 | 48.4 | 11.97 | 44.4 | 11.05 |
| | 5.0 | 4.0 | 64.6 | 14.82 | 60.5 | 13.92 | 56.5 | 13.03 | 54.5 | 12.58 | 52.5 | 12.14 | 48.4 | 11.27 | 44.4 | 10.40 |
| | 7.0 | 6.0 | 64.6 | 14.22 | 60.5 | 13.37 | 56.5 | 12.51 | 54.5 | 12.09 | 52.5 | 11.67 | 48.4 | 10.83 | 44.4 | 10.01 |
| | 9.0 | 7.8 | 64.6 | 13.73 | 60.5 | 12.89 | 56.5 | 12.07 | 54.5 | 11.67 | 52.5 | 11.26 | 48.4 | 10.46 | 44.4 | 9.67 |
| | 12.0 | 10.6 | 64.6 | 12.97 | 60.5 | 12.20 | 56.5 | 11.43 | 54.5 | 11.04 | 52.5 | 10.66 | 48.4 | 9.91 | 44.4 | 9.17 |
| | 15.0 | 13.5 | 64.6 | 12.26 | 60.5 | 11.52 | 56.5 | 10.79 | 54.5 | 10.45 | 52.5 | 10.09 | 48.4 | 9.39 | 44.4 | 8.69 |

# ■ Model: AJ∗378GALDHH

| Heating capacity at rated condition: 135.0 kW (42HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 180.0 (150%) | -20.0 | -20.7 | 81.9 | 25.98 | 80.7 | 26.28 | 79.5 | 26.58 | 78.9 | 26.73 | 78.3 | 26.88 | 77.1 | 27.18 | 75.9 | 27.51 |
| | -15.0 | -16.0 | 93.0 | 27.27 | 92.1 | 27.63 | 91.0 | 28.02 | 90.6 | 28.20 | 90.0 | 28.41 | 89.1 | 28.80 | 88.2 | 29.19 |
| | -12.0 | -13.0 | 100.8 | 28.08 | 99.9 | 28.50 | 99.2 | 28.92 | 98.7 | 29.16 | 98.4 | 29.37 | 97.5 | 29.79 | 96.6 | 30.24 |
| | -9.0 | -10.0 | 109.2 | 28.92 | 108.6 | 29.37 | 107.8 | 29.85 | 107.4 | 30.09 | 107.1 | 30.33 | 106.2 | 30.81 | 105.6 | 31.29 |
| | -7.0 | -8.0 | 115.2 | 29.46 | 114.3 | 29.97 | 113.7 | 30.48 | 113.4 | 30.72 | 113.1 | 30.96 | 112.2 | 31.47 | 111.6 | 31.98 |
| | -5.0 | -6.0 | 121.2 | 30.03 | 120.6 | 30.57 | 119.8 | 31.08 | 119.4 | 31.35 | 119.1 | 31.62 | 118.5 | 32.16 | 117.9 | 32.70 |
| | -3.0 | -4.0 | 127.5 | 30.60 | 126.9 | 31.14 | 126.1 | 31.71 | 125.7 | 31.98 | 125.4 | 32.25 | 124.8 | 32.82 | 124.2 | 33.39 |
| | -1.0 | -2.0 | 133.8 | 31.17 | 133.2 | 31.74 | 132.5 | 32.34 | 132.0 | 32.61 | 131.7 | 32.91 | 131.1 | 33.51 | 130.5 | 34.08 |
| | 0.0 | -1.0 | 137.1 | 31.47 | 136.5 | 32.04 | 135.7 | 32.64 | 135.3 | 32.94 | 135.0 | 33.24 | 134.4 | 33.84 | 133.5 | 34.44 |
| | 2.0 | 1.0 | 143.7 | 32.04 | 142.8 | 32.64 | 142.2 | 33.27 | 141.9 | 33.57 | 141.6 | 33.90 | 140.7 | 34.50 | 140.1 | 35.13 |
| | 5.0 | 4.0 | 153.6 | 32.91 | 153.0 | 33.54 | 152.1 | 34.20 | 151.8 | 34.53 | 151.2 | 34.86 | 150.6 | 35.52 | 141.3 | 33.30 |
| | 7.0 | 6.0 | 160.5 | 33.48 | 159.6 | 34.17 | 158.8 | 34.83 | 158.4 | 35.16 | 157.8 | 35.52 | 154.2 | 35.22 | 141.3 | 31.89 |
| | 9.0 | 7.8 | 166.5 | 34.02 | 165.6 | 34.71 | 164.7 | 35.40 | 164.4 | 35.73 | 163.8 | 36.09 | 154.2 | 33.87 | 141.3 | 30.66 |
| | 12.0 | 10.6 | 176.1 | 34.83 | 174.9 | 35.55 | 174.0 | 36.27 | 173.7 | 36.63 | 167.1 | 35.04 | 154.2 | 31.92 | 141.3 | 28.89 |
| | 15.0 | 13.5 | 185.7 | 35.67 | 184.8 | 36.39 | 180.0 | 35.97 | 173.7 | 34.44 | 167.1 | 32.94 | 154.2 | 30.03 | 141.3 | 27.18 |
| 168.0 (140%) | -20.0 | -20.7 | 81.3 | 26.10 | 80.1 | 26.40 | 78.9 | 26.70 | 78.3 | 26.85 | 77.7 | 27.03 | 76.5 | 27.33 | 75.6 | 27.66 |
| | -15.0 | -16.0 | 92.4 | 27.45 | 91.5 | 27.84 | 90.6 | 28.20 | 90.0 | 28.41 | 89.7 | 28.59 | 88.8 | 28.98 | 87.9 | 29.37 |
| | -12.0 | -13.0 | 100.5 | 28.32 | 99.6 | 28.74 | 98.7 | 29.16 | 98.4 | 29.37 | 97.8 | 29.61 | 97.2 | 30.03 | 96.3 | 30.48 |
| | -9.0 | -10.0 | 108.9 | 29.19 | 108.0 | 29.67 | 107.3 | 30.12 | 106.8 | 30.36 | 106.5 | 30.60 | 105.9 | 31.08 | 105.0 | 31.56 |
| | -7.0 | -8.0 | 114.6 | 29.79 | 114.0 | 30.27 | 113.3 | 30.78 | 112.8 | 31.02 | 112.5 | 31.29 | 111.9 | 31.80 | 111.3 | 32.31 |
| | -5.0 | -6.0 | 120.9 | 30.39 | 120.0 | 30.90 | 119.4 | 31.44 | 119.1 | 31.71 | 118.8 | 31.98 | 117.9 | 32.49 | 117.3 | 33.03 |
| | -3.0 | -4.0 | 126.9 | 30.99 | 126.3 | 31.53 | 125.6 | 32.10 | 125.4 | 32.37 | 125.1 | 32.64 | 124.2 | 33.21 | 123.6 | 33.78 |
| | -1.0 | -2.0 | 133.2 | 31.59 | 132.6 | 32.16 | 132.0 | 32.76 | 131.7 | 33.06 | 131.4 | 33.33 | 130.5 | 33.93 | 129.9 | 34.53 |
| | 0.0 | -1.0 | 136.5 | 31.89 | 135.9 | 32.49 | 135.2 | 33.09 | 134.7 | 33.39 | 134.4 | 33.69 | 133.8 | 34.29 | 132.0 | 34.47 |
| | 2.0 | 1.0 | 143.1 | 32.52 | 142.5 | 33.15 | 141.7 | 33.75 | 141.3 | 34.05 | 141.0 | 34.38 | 140.1 | 35.01 | 132.0 | 32.94 |
| | 5.0 | 4.0 | 153.0 | 33.45 | 152.1 | 34.11 | 151.5 | 34.77 | 151.2 | 35.07 | 150.6 | 35.40 | 144.0 | 33.99 | 132.0 | 30.81 |
| | 7.0 | 6.0 | 159.6 | 34.08 | 158.7 | 34.74 | 158.0 | 35.43 | 157.5 | 35.76 | 156.0 | 35.70 | 144.0 | 32.55 | 132.0 | 29.49 |
| | 9.0 | 7.8 | 165.6 | 34.65 | 164.7 | 35.34 | 163.9 | 36.03 | 162.0 | 35.85 | 156.0 | 34.32 | 144.0 | 31.29 | 132.0 | 28.38 |
| | 12.0 | 10.6 | 175.2 | 35.52 | 174.0 | 36.24 | 168.0 | 35.25 | 162.0 | 33.78 | 156.0 | 32.31 | 144.0 | 29.49 | 132.0 | 26.76 |
| | 15.0 | 13.5 | 184.8 | 36.42 | 180.0 | 35.97 | 168.0 | 33.15 | 162.0 | 31.77 | 156.0 | 30.39 | 144.0 | 27.75 | 132.0 | 25.17 |
| 156.0 (130%) | -20.0 | -20.7 | 80.7 | 26.25 | 79.5 | 26.55 | 78.4 | 26.85 | 77.7 | 27.03 | 77.1 | 27.18 | 76.2 | 27.48 | 75.0 | 27.81 |
| | -15.0 | -16.0 | 91.8 | 27.69 | 90.9 | 28.05 | 90.0 | 28.44 | 89.7 | 28.62 | 89.1 | 28.80 | 88.2 | 29.19 | 87.3 | 29.58 |
| | -12.0 | -13.0 | 99.9 | 28.59 | 99.0 | 29.01 | 98.2 | 29.43 | 97.8 | 29.64 | 97.5 | 29.88 | 96.6 | 30.30 | 95.7 | 30.75 |
| | -9.0 | -10.0 | 108.3 | 29.52 | 107.4 | 30.00 | 106.8 | 30.45 | 106.5 | 30.69 | 106.2 | 30.93 | 105.3 | 31.41 | 104.7 | 31.89 |
| | -7.0 | -8.0 | 114.3 | 30.15 | 113.4 | 30.66 | 112.8 | 31.14 | 112.5 | 31.41 | 112.2 | 31.65 | 111.3 | 32.16 | 110.7 | 32.67 |
| | -5.0 | -6.0 | 120.3 | 30.78 | 119.4 | 31.32 | 118.9 | 31.83 | 118.5 | 32.10 | 118.2 | 32.37 | 117.6 | 32.91 | 116.7 | 33.45 |
| | -3.0 | -4.0 | 126.3 | 31.44 | 125.7 | 31.98 | 125.1 | 32.55 | 124.8 | 32.82 | 124.5 | 33.09 | 123.6 | 33.66 | 122.7 | 34.05 |
| | -1.0 | -2.0 | 132.9 | 32.10 | 132.0 | 32.67 | 131.4 | 33.24 | 131.1 | 33.54 | 130.8 | 33.84 | 129.9 | 34.41 | 122.7 | 32.46 |
| | 0.0 | -1.0 | 135.9 | 32.43 | 135.3 | 33.00 | 134.6 | 33.60 | 134.4 | 33.90 | 133.8 | 34.20 | 133.2 | 34.80 | 122.7 | 31.74 |
| | 2.0 | 1.0 | 142.5 | 33.09 | 141.6 | 33.69 | 141.0 | 34.32 | 140.7 | 34.62 | 140.4 | 34.95 | 133.8 | 33.42 | 122.7 | 30.33 |
| | 5.0 | 4.0 | 152.4 | 34.08 | 151.5 | 34.74 | 150.7 | 35.40 | 150.3 | 35.73 | 144.9 | 34.23 | 133.8 | 31.26 | 122.7 | 28.38 |
| | 7.0 | 6.0 | 158.7 | 34.77 | 158.1 | 35.43 | 156.0 | 35.70 | 150.3 | 34.23 | 144.9 | 32.76 | 133.8 | 29.94 | 122.7 | 27.18 |
| | 9.0 | 7.8 | 164.7 | 35.37 | 163.8 | 36.06 | 156.0 | 34.32 | 150.3 | 32.91 | 144.9 | 31.53 | 133.8 | 28.80 | 122.7 | 26.16 |
| | 12.0 | 10.6 | 174.0 | 36.33 | 167.1 | 35.04 | 156.0 | 32.31 | 150.3 | 30.99 | 144.9 | 29.70 | 133.8 | 27.12 | 122.7 | 24.66 |
| | 15.0 | 13.5 | 178.2 | 35.55 | 167.1 | 32.94 | 156.0 | 30.39 | 150.3 | 29.16 | 144.9 | 27.93 | 133.8 | 25.53 | 122.7 | 23.22 |
| 144.0 (120%) | -20.0 | -20.7 | 80.1 | 26.43 | 78.9 | 26.73 | 77.7 | 27.03 | 77.1 | 27.18 | 76.5 | 27.36 | 75.3 | 27.66 | 74.4 | 27.99 |
| | -15.0 | -16.0 | 91.2 | 27.93 | 90.3 | 28.32 | 89.4 | 28.68 | 89.1 | 28.89 | 88.5 | 29.07 | 87.6 | 29.46 | 86.7 | 29.85 |
| | -12.0 | -13.0 | 99.3 | 28.89 | 98.4 | 29.34 | 97.6 | 29.76 | 97.2 | 29.97 | 96.9 | 30.18 | 96.0 | 30.60 | 95.1 | 31.05 |
| | -9.0 | -10.0 | 107.7 | 29.91 | 107.1 | 30.36 | 106.2 | 30.84 | 105.9 | 31.08 | 105.6 | 31.32 | 104.7 | 31.80 | 104.1 | 32.28 |
| | -7.0 | -8.0 | 113.7 | 30.57 | 112.8 | 31.08 | 112.2 | 31.56 | 111.9 | 31.83 | 111.6 | 32.07 | 110.7 | 32.58 | 110.1 | 33.09 |
| | -5.0 | -6.0 | 119.7 | 31.26 | 118.8 | 31.77 | 118.3 | 32.31 | 117.9 | 32.58 | 117.6 | 32.85 | 117.0 | 33.39 | 113.1 | 32.67 |
| | -3.0 | -4.0 | 125.7 | 31.95 | 125.1 | 32.52 | 124.5 | 33.06 | 124.2 | 33.33 | 123.9 | 33.63 | 123.0 | 34.17 | 113.1 | 31.14 |
| | -1.0 | -2.0 | 132.0 | 32.67 | 131.4 | 33.24 | 130.7 | 33.81 | 130.5 | 34.11 | 130.2 | 34.41 | 123.3 | 32.73 | 113.1 | 29.73 |
| | 0.0 | -1.0 | 135.3 | 33.03 | 134.7 | 33.60 | 133.9 | 34.20 | 133.5 | 34.50 | 133.2 | 34.80 | 123.3 | 31.98 | 113.1 | 29.07 |
| | 2.0 | 1.0 | 141.6 | 33.72 | 141.0 | 34.35 | 140.3 | 34.98 | 138.9 | 34.89 | 133.8 | 33.42 | 123.3 | 30.57 | 113.1 | 27.78 |
| | 5.0 | 4.0 | 151.5 | 34.83 | 150.6 | 35.46 | 144.0 | 33.99 | 138.9 | 32.64 | 133.8 | 31.26 | 123.3 | 28.59 | 113.1 | 26.01 |
| | 7.0 | 6.0 | 157.8 | 35.55 | 154.2 | 35.22 | 144.0 | 32.55 | 138.9 | 31.23 | 133.8 | 29.94 | 123.3 | 27.39 | 113.1 | 24.90 |
| | 9.0 | 7.8 | 163.8 | 36.21 | 154.2 | 33.87 | 144.0 | 31.29 | 138.9 | 30.03 | 133.8 | 28.80 | 123.3 | 26.34 | 113.1 | 23.97 |
| | 12.0 | 10.6 | 164.7 | 34.41 | 154.2 | 31.92 | 144.0 | 29.49 | 138.9 | 28.29 | 133.8 | 27.12 | 123.3 | 24.84 | 113.1 | 22.59 |
| | 15.0 | 13.5 | 164.7 | 32.34 | 154.2 | 30.03 | 144.0 | 27.75 | 138.9 | 26.64 | 133.8 | 25.53 | 123.3 | 23.37 | 113.1 | 21.30 |
| 132.0 (110%) | -20.0 | -20.7 | 79.2 | 26.64 | 78.0 | 26.94 | 76.9 | 27.24 | 76.5 | 27.39 | 75.9 | 27.57 | 74.7 | 27.87 | 73.5 | 28.17 |
| | -15.0 | -16.0 | 90.6 | 28.23 | 89.7 | 28.62 | 88.7 | 28.98 | 88.2 | 29.19 | 87.9 | 29.37 | 87.0 | 29.76 | 86.1 | 30.15 |
| | -12.0 | -13.0 | 98.4 | 29.28 | 97.8 | 29.70 | 96.9 | 30.12 | 96.6 | 30.33 | 96.0 | 30.54 | 95.4 | 30.99 | 94.5 | 31.41 |
| | -9.0 | -10.0 | 107.1 | 30.33 | 106.2 | 30.81 | 105.5 | 31.29 | 105.3 | 31.50 | 104.7 | 31.74 | 104.1 | 32.22 | 103.5 | 32.70 |
| | -7.0 | -8.0 | 112.8 | 31.08 | 112.2 | 31.56 | 111.5 | 32.07 | 111.0 | 32.31 | 110.7 | 32.58 | 110.1 | 33.09 | 103.8 | 31.20 |
| | -5.0 | -6.0 | 118.8 | 31.80 | 118.2 | 32.34 | 117.6 | 32.85 | 117.3 | 33.12 | 117.0 | 33.39 | 113.1 | 32.67 | 103.8 | 29.70 |
| | -3.0 | -4.0 | 125.1 | 32.55 | 124.5 | 33.12 | 123.7 | 33.66 | 123.3 | 33.96 | 122.7 | 34.05 | 113.1 | 31.14 | 103.8 | 28.32 |
| | -1.0 | -2.0 | 131.4 | 33.33 | 130.5 | 33.90 | 130.0 | 34.50 | 127.2 | 33.87 | 122.7 | 32.49 | 113.1 | 29.73 | 103.8 | 27.06 |
| | 0.0 | -1.0 | 134.4 | 33.72 | 133.8 | 34.32 | 132.0 | 34.47 | 127.2 | 33.09 | 122.7 | 31.74 | 113.1 | 29.04 | 103.8 | 26.43 |
| | 2.0 | 1.0 | 140.7 | 34.50 | 140.1 | 35.13 | 132.0 | 32.94 | 127.2 | 31.62 | 122.7 | 30.33 | 113.1 | 27.78 | 103.8 | 25.29 |
| | 5.0 | 4.0 | 150.3 | 35.70 | 141.3 | 33.30 | 132.0 | 30.81 | 127.2 | 29.58 | 122.7 | 28.38 | 113.1 | 26.01 | 103.8 | 23.67 |
| | 7.0 | 6.0 | 150.9 | 34.32 | 141.3 | 31.89 | 132.0 | 29.49 | 127.2 | 28.32 | 122.7 | 27.18 | 113.1 | 24.90 | 103.8 | 22.68 |
| | 9.0 | 7.8 | 150.9 | 33.03 | 141.3 | 30.66 | 132.0 | 28.38 | 127.2 | 27.27 | 122.7 | 26.16 | 113.1 | 23.97 | 103.8 | 21.84 |
| | 12.0 | 10.6 | 150.9 | 31.11 | 141.3 | 28.89 | 132.0 | 26.76 | 127.2 | 25.68 | 122.7 | 24.66 | 113.1 | 22.59 | 103.8 | 20.61 |
| | 15.0 | 13.5 | 150.9 | 29.25 | 141.3 | 27.18 | 132.0 | 25.17 | 127.2 | 24.18 | 122.7 | 23.22 | 113.1 | 21.30 | 103.8 | 19.41 |

MODEL SELECTION

**Heating capacity at rated condition: 135.0 kW (42HP)**

| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 120.0 (100%) | -20.0 | -20.7 | 78.3 | 26.91 | 77.1 | 27.18 | 76.0 | 27.51 | 75.6 | 27.66 | 75.0 | 27.81 | 73.8 | 28.11 | 72.9 | 28.44 |
| | -15.0 | -16.0 | 89.7 | 28.59 | 88.8 | 28.95 | 87.9 | 29.34 | 87.6 | 29.52 | 87.0 | 29.73 | 86.1 | 30.12 | 85.2 | 30.51 |
| | -12.0 | -13.0 | 97.8 | 29.70 | 96.9 | 30.12 | 96.1 | 30.57 | 95.7 | 30.78 | 95.4 | 30.99 | 94.5 | 31.41 | 93.9 | 31.86 |
| | -9.0 | -10.0 | 106.2 | 30.87 | 105.6 | 31.32 | 104.8 | 31.80 | 104.4 | 32.04 | 104.1 | 32.28 | 102.9 | 32.55 | 94.2 | 29.61 |
| | -7.0 | -8.0 | 112.2 | 31.65 | 111.3 | 32.16 | 110.7 | 32.67 | 110.4 | 32.91 | 110.1 | 33.15 | 102.9 | 30.93 | 94.2 | 28.17 |
| | -5.0 | -6.0 | 118.2 | 32.46 | 117.3 | 33.00 | 116.7 | 33.51 | 115.8 | 33.51 | 111.3 | 32.13 | 102.9 | 29.46 | 94.2 | 26.82 |
| | -3.0 | -4.0 | 124.2 | 33.30 | 123.6 | 33.84 | 120.0 | 33.24 | 115.8 | 31.92 | 111.3 | 30.63 | 102.9 | 28.08 | 94.2 | 25.59 |
| | -1.0 | -2.0 | 130.5 | 34.14 | 128.7 | 34.26 | 120.0 | 31.71 | 115.8 | 30.48 | 111.3 | 29.22 | 102.9 | 26.82 | 94.2 | 24.45 |
| | 0.0 | -1.0 | 133.5 | 34.56 | 128.7 | 33.48 | 120.0 | 30.99 | 115.8 | 29.79 | 111.3 | 28.56 | 102.9 | 26.22 | 94.2 | 23.88 |
| | 2.0 | 1.0 | 137.1 | 34.41 | 128.7 | 31.98 | 120.0 | 29.61 | 115.8 | 28.47 | 111.3 | 27.30 | 102.9 | 25.05 | 94.2 | 22.86 |
| | 5.0 | 4.0 | 137.1 | 32.16 | 128.7 | 29.91 | 120.0 | 27.72 | 115.8 | 26.64 | 111.3 | 25.56 | 102.9 | 23.46 | 94.2 | 21.42 |
| | 7.0 | 6.0 | 137.1 | 30.78 | 128.7 | 28.65 | 120.0 | 26.55 | 115.8 | 25.53 | 111.3 | 24.51 | 102.9 | 22.50 | 94.2 | 20.52 |
| | 9.0 | 7.8 | 137.1 | 29.61 | 128.7 | 27.57 | 120.0 | 25.56 | 115.8 | 24.57 | 111.3 | 23.58 | 102.9 | 21.66 | 94.2 | 19.77 |
| | 12.0 | 10.6 | 137.1 | 27.90 | 128.7 | 25.98 | 120.0 | 24.09 | 115.8 | 23.16 | 111.3 | 22.23 | 102.9 | 20.43 | 94.2 | 18.66 |
| | 15.0 | 13.5 | 137.1 | 26.28 | 128.7 | 24.45 | 120.0 | 22.68 | 115.8 | 21.81 | 111.3 | 20.94 | 102.9 | 19.26 | 94.2 | 17.58 |
| 108.0 (90%) | -20.0 | -20.7 | 77.1 | 27.18 | 75.9 | 27.48 | 75.0 | 27.81 | 74.4 | 27.96 | 73.8 | 28.11 | 72.9 | 28.41 | 71.7 | 28.74 |
| | -15.0 | -16.0 | 88.5 | 29.01 | 87.9 | 29.40 | 86.9 | 29.76 | 86.4 | 29.97 | 86.1 | 30.15 | 85.2 | 30.54 | 84.3 | 30.93 |
| | -12.0 | -13.0 | 96.6 | 30.24 | 96.0 | 30.66 | 95.2 | 31.08 | 94.8 | 31.29 | 94.5 | 31.53 | 92.7 | 31.44 | 84.9 | 28.65 |
| | -9.0 | -10.0 | 105.3 | 31.50 | 104.4 | 31.98 | 103.8 | 32.46 | 103.5 | 32.67 | 100.2 | 31.65 | 92.7 | 29.04 | 84.9 | 26.49 |
| | -7.0 | -8.0 | 111.0 | 32.37 | 110.4 | 32.88 | 108.0 | 32.64 | 104.1 | 31.35 | 100.2 | 30.09 | 92.7 | 27.60 | 84.9 | 25.20 |
| | -5.0 | -6.0 | 117.0 | 33.27 | 115.8 | 33.51 | 108.0 | 31.05 | 104.1 | 29.85 | 100.2 | 28.65 | 92.7 | 26.31 | 84.9 | 24.00 |
| | -3.0 | -4.0 | 123.0 | 34.17 | 115.8 | 31.92 | 108.0 | 29.61 | 104.1 | 28.47 | 100.2 | 27.33 | 92.7 | 25.08 | 84.9 | 22.92 |
| | -1.0 | -2.0 | 123.3 | 32.73 | 115.8 | 30.48 | 108.0 | 28.26 | 104.1 | 27.18 | 100.2 | 26.10 | 92.7 | 23.97 | 84.9 | 21.90 |
| | 0.0 | -1.0 | 123.3 | 31.98 | 115.8 | 29.79 | 108.0 | 27.63 | 104.1 | 26.55 | 100.2 | 25.50 | 92.7 | 23.43 | 84.9 | 21.42 |
| | 2.0 | 1.0 | 123.3 | 30.57 | 115.8 | 28.47 | 108.0 | 26.40 | 104.1 | 25.41 | 100.2 | 24.39 | 92.7 | 22.41 | 84.9 | 20.49 |
| | 5.0 | 4.0 | 123.3 | 28.59 | 115.8 | 26.64 | 108.0 | 24.72 | 104.1 | 23.79 | 100.2 | 22.86 | 92.7 | 21.03 | 84.9 | 19.23 |
| | 7.0 | 6.0 | 123.3 | 27.39 | 115.8 | 25.53 | 108.0 | 23.70 | 104.1 | 22.80 | 100.2 | 21.90 | 92.7 | 20.16 | 84.9 | 18.42 |
| | 9.0 | 7.8 | 123.3 | 26.34 | 115.8 | 24.57 | 108.0 | 22.80 | 104.1 | 21.93 | 100.2 | 21.09 | 92.7 | 19.41 | 84.9 | 17.76 |
| | 12.0 | 10.6 | 123.3 | 24.84 | 115.8 | 23.16 | 108.0 | 21.51 | 104.1 | 20.70 | 100.2 | 19.89 | 92.7 | 18.33 | 84.9 | 16.77 |
| | 15.0 | 13.5 | 123.3 | 23.37 | 115.8 | 21.81 | 108.0 | 20.25 | 104.1 | 19.50 | 100.2 | 18.75 | 92.7 | 17.28 | 84.9 | 15.81 |
| 96.0 (80%) | -20.0 | -20.7 | 75.9 | 27.57 | 74.7 | 27.87 | 73.7 | 28.17 | 73.2 | 28.32 | 72.6 | 28.47 | 71.7 | 28.77 | 70.8 | 29.10 |
| | -15.0 | -16.0 | 87.3 | 29.55 | 86.7 | 29.94 | 85.7 | 30.30 | 85.2 | 30.51 | 84.9 | 30.69 | 82.2 | 30.15 | 75.3 | 27.51 |
| | -12.0 | -13.0 | 95.4 | 30.90 | 94.8 | 31.32 | 94.0 | 31.74 | 92.7 | 31.44 | 89.1 | 30.18 | 82.2 | 27.72 | 75.3 | 25.32 |
| | -9.0 | -10.0 | 104.1 | 32.31 | 102.9 | 32.55 | 96.0 | 30.21 | 92.7 | 29.04 | 89.1 | 27.90 | 82.2 | 25.65 | 75.3 | 23.43 |
| | -7.0 | -8.0 | 109.8 | 33.21 | 102.9 | 30.93 | 96.0 | 28.71 | 92.7 | 27.60 | 89.1 | 26.52 | 82.2 | 24.39 | 75.3 | 22.29 |
| | -5.0 | -6.0 | 109.8 | 31.59 | 102.9 | 29.46 | 96.0 | 27.33 | 92.7 | 26.31 | 89.1 | 25.29 | 82.2 | 23.25 | 75.3 | 21.27 |
| | -3.0 | -4.0 | 109.8 | 30.12 | 102.9 | 28.08 | 96.0 | 26.07 | 92.7 | 25.08 | 89.1 | 24.12 | 82.2 | 22.20 | 75.3 | 20.31 |
| | -1.0 | -2.0 | 109.8 | 28.74 | 102.9 | 26.82 | 96.0 | 24.90 | 92.7 | 23.97 | 89.1 | 23.04 | 82.2 | 21.21 | 75.3 | 19.41 |
| | 0.0 | -1.0 | 109.8 | 28.08 | 102.9 | 26.22 | 96.0 | 24.36 | 92.7 | 23.43 | 89.1 | 22.53 | 82.2 | 20.76 | 75.3 | 18.99 |
| | 2.0 | 1.0 | 109.8 | 26.85 | 102.9 | 25.05 | 96.0 | 23.28 | 92.7 | 22.41 | 89.1 | 21.57 | 82.2 | 19.86 | 75.3 | 18.18 |
| | 5.0 | 4.0 | 109.8 | 25.14 | 102.9 | 23.46 | 96.0 | 21.84 | 92.7 | 21.03 | 89.1 | 20.22 | 82.2 | 18.63 | 75.3 | 17.07 |
| | 7.0 | 6.0 | 109.8 | 24.09 | 102.9 | 22.50 | 96.0 | 20.91 | 92.7 | 20.16 | 89.1 | 19.38 | 82.2 | 17.85 | 75.3 | 16.38 |
| | 9.0 | 7.8 | 109.8 | 23.19 | 102.9 | 21.66 | 96.0 | 20.16 | 92.7 | 19.41 | 89.1 | 18.66 | 82.2 | 17.22 | 75.3 | 15.78 |
| | 12.0 | 10.6 | 109.8 | 21.87 | 102.9 | 20.43 | 96.0 | 19.02 | 92.7 | 18.33 | 89.1 | 17.61 | 82.2 | 16.26 | 75.3 | 14.91 |
| | 15.0 | 13.5 | 109.8 | 20.61 | 102.9 | 19.26 | 96.0 | 17.91 | 92.7 | 17.28 | 89.1 | 16.62 | 82.2 | 15.33 | 75.3 | 14.10 |
| 84.0 (70%) | -20.0 | -20.7 | 74.1 | 28.02 | 73.2 | 28.32 | 72.2 | 28.62 | 71.7 | 28.77 | 71.1 | 28.92 | 70.2 | 29.25 | 66.0 | 27.66 |
| | -15.0 | -16.0 | 85.8 | 30.21 | 85.2 | 30.60 | 84.0 | 30.84 | 81.0 | 29.67 | 78.0 | 28.50 | 72.0 | 26.22 | 66.0 | 23.97 |
| | -12.0 | -13.0 | 93.9 | 31.74 | 90.0 | 30.51 | 84.0 | 28.35 | 81.0 | 27.27 | 78.0 | 26.22 | 72.0 | 24.12 | 66.0 | 22.08 |
| | -9.0 | -10.0 | 96.0 | 30.21 | 90.0 | 28.17 | 84.0 | 26.19 | 81.0 | 25.23 | 78.0 | 24.24 | 72.0 | 22.32 | 66.0 | 20.46 |
| | -7.0 | -8.0 | 96.0 | 28.71 | 90.0 | 26.79 | 84.0 | 24.93 | 81.0 | 24.00 | 78.0 | 23.07 | 72.0 | 21.27 | 66.0 | 19.47 |
| | -5.0 | -6.0 | 96.0 | 27.33 | 90.0 | 25.53 | 84.0 | 23.76 | 81.0 | 22.86 | 78.0 | 21.99 | 72.0 | 20.28 | 66.0 | 18.60 |
| | -3.0 | -4.0 | 96.0 | 26.07 | 90.0 | 24.36 | 84.0 | 22.68 | 81.0 | 21.84 | 78.0 | 21.00 | 72.0 | 19.38 | 66.0 | 17.76 |
| | -1.0 | -2.0 | 96.0 | 24.90 | 90.0 | 23.28 | 84.0 | 21.66 | 81.0 | 20.88 | 78.0 | 20.07 | 72.0 | 18.54 | 66.0 | 17.01 |
| | 0.0 | -1.0 | 96.0 | 24.36 | 90.0 | 22.77 | 84.0 | 21.18 | 81.0 | 20.40 | 78.0 | 19.65 | 72.0 | 18.12 | 66.0 | 16.65 |
| | 2.0 | 1.0 | 96.0 | 23.28 | 90.0 | 21.78 | 84.0 | 20.28 | 81.0 | 19.53 | 78.0 | 18.81 | 72.0 | 17.37 | 66.0 | 15.93 |
| | 5.0 | 4.0 | 96.0 | 21.84 | 90.0 | 20.40 | 84.0 | 19.02 | 81.0 | 18.33 | 78.0 | 17.64 | 72.0 | 16.29 | 66.0 | 14.97 |
| | 7.0 | 6.0 | 96.0 | 20.91 | 90.0 | 19.56 | 84.0 | 18.24 | 81.0 | 17.58 | 78.0 | 16.92 | 72.0 | 15.66 | 66.0 | 14.37 |
| | 9.0 | 7.8 | 96.0 | 20.16 | 90.0 | 18.84 | 84.0 | 17.58 | 81.0 | 16.95 | 78.0 | 16.32 | 72.0 | 15.09 | 66.0 | 13.86 |
| | 12.0 | 10.6 | 96.0 | 19.02 | 90.0 | 17.79 | 84.0 | 16.59 | 81.0 | 16.02 | 78.0 | 15.42 | 72.0 | 14.25 | 66.0 | 13.11 |
| | 15.0 | 13.5 | 96.0 | 17.91 | 90.0 | 16.77 | 84.0 | 15.66 | 81.0 | 15.09 | 78.0 | 14.55 | 72.0 | 13.47 | 66.0 | 12.39 |
| 72.0 (60%) | -20.0 | -20.7 | 72.3 | 28.62 | 71.1 | 28.92 | 70.3 | 29.22 | 69.3 | 29.16 | 66.9 | 28.02 | 61.8 | 25.80 | 56.7 | 23.61 |
| | -15.0 | -16.0 | 82.2 | 30.15 | 77.1 | 28.17 | 72.0 | 26.22 | 69.3 | 25.23 | 66.9 | 24.27 | 61.8 | 22.38 | 56.7 | 20.52 |
| | -12.0 | -13.0 | 82.2 | 27.72 | 77.1 | 25.92 | 72.0 | 24.12 | 69.3 | 23.25 | 66.9 | 22.35 | 61.8 | 20.64 | 56.7 | 18.93 |
| | -9.0 | -10.0 | 82.2 | 25.65 | 77.1 | 23.97 | 72.0 | 22.32 | 69.3 | 21.51 | 66.9 | 20.73 | 61.8 | 19.11 | 56.7 | 17.55 |
| | -7.0 | -8.0 | 82.2 | 24.39 | 77.1 | 22.83 | 72.0 | 21.27 | 69.3 | 20.49 | 66.9 | 19.74 | 61.8 | 18.24 | 56.7 | 16.74 |
| | -5.0 | -6.0 | 82.2 | 23.25 | 77.1 | 21.75 | 72.0 | 20.28 | 69.3 | 19.56 | 66.9 | 18.84 | 61.8 | 17.40 | 56.7 | 15.99 |
| | -3.0 | -4.0 | 82.2 | 22.20 | 77.1 | 20.76 | 72.0 | 19.38 | 69.3 | 18.69 | 66.9 | 18.00 | 61.8 | 16.65 | 56.7 | 15.30 |
| | -1.0 | -2.0 | 82.2 | 21.21 | 77.1 | 19.86 | 72.0 | 18.54 | 69.3 | 17.88 | 66.9 | 17.22 | 61.8 | 15.93 | 56.7 | 14.64 |
| | 0.0 | -1.0 | 82.2 | 20.76 | 77.1 | 19.44 | 72.0 | 18.12 | 69.3 | 17.49 | 66.9 | 16.86 | 61.8 | 15.60 | 56.7 | 14.34 |
| | 2.0 | 1.0 | 82.2 | 19.86 | 77.1 | 18.60 | 72.0 | 17.37 | 69.3 | 16.74 | 66.9 | 16.14 | 61.8 | 14.94 | 56.7 | 13.77 |
| | 5.0 | 4.0 | 82.2 | 18.63 | 77.1 | 17.46 | 72.0 | 16.29 | 69.3 | 15.72 | 66.9 | 15.18 | 61.8 | 14.04 | 56.7 | 12.93 |
| | 7.0 | 6.0 | 82.2 | 17.85 | 77.1 | 16.74 | 72.0 | 15.66 | 69.3 | 15.09 | 66.9 | 14.55 | 61.8 | 13.50 | 56.7 | 12.45 |
| | 9.0 | 7.8 | 82.2 | 17.22 | 77.1 | 16.14 | 72.0 | 15.09 | 69.3 | 14.55 | 66.9 | 14.04 | 61.8 | 13.02 | 56.7 | 12.00 |
| | 12.0 | 10.6 | 82.2 | 16.26 | 77.1 | 15.27 | 72.0 | 14.25 | 69.3 | 13.77 | 66.9 | 13.29 | 61.8 | 12.33 | 56.7 | 11.37 |
| | 15.0 | 13.5 | 82.2 | 15.33 | 77.1 | 14.40 | 72.0 | 13.47 | 69.3 | 13.02 | 66.9 | 12.54 | 61.8 | 11.64 | 56.7 | 10.77 |

| Heating capacity at rated condition: 135.0 kW (42HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 60.0 (50%) | -20.0 | -20.7 | 68.7 | 28.80 | 64.2 | 26.91 | 60.0 | 25.08 | 57.9 | 24.15 | 55.8 | 23.25 | 51.3 | 21.45 | 47.1 | 19.68 |
| | -15.0 | -16.0 | 68.7 | 24.93 | 64.2 | 23.34 | 60.0 | 21.75 | 57.9 | 20.97 | 55.8 | 20.19 | 51.3 | 18.66 | 47.1 | 17.16 |
| | -12.0 | -13.0 | 68.7 | 22.95 | 64.2 | 21.48 | 60.0 | 20.07 | 57.9 | 19.35 | 55.8 | 18.63 | 51.3 | 17.25 | 47.1 | 15.87 |
| | -9.0 | -10.0 | 68.7 | 21.24 | 64.2 | 19.92 | 60.0 | 18.60 | 57.9 | 17.94 | 55.8 | 17.31 | 51.3 | 16.02 | 47.1 | 14.73 |
| | -7.0 | -8.0 | 68.7 | 20.25 | 64.2 | 18.99 | 60.0 | 17.73 | 57.9 | 17.10 | 55.8 | 16.50 | 51.3 | 15.27 | 47.1 | 14.07 |
| | -5.0 | -6.0 | 68.7 | 19.32 | 64.2 | 18.12 | 60.0 | 16.92 | 57.9 | 16.35 | 55.8 | 15.75 | 51.3 | 14.61 | 47.1 | 13.47 |
| | -3.0 | -4.0 | 68.7 | 18.45 | 64.2 | 17.31 | 60.0 | 16.20 | 57.9 | 15.63 | 55.8 | 15.09 | 51.3 | 13.98 | 47.1 | 12.90 |
| | -1.0 | -2.0 | 68.7 | 17.64 | 64.2 | 16.56 | 60.0 | 15.51 | 57.9 | 14.97 | 55.8 | 14.43 | 51.3 | 13.41 | 47.1 | 12.36 |
| | 0.0 | -1.0 | 68.7 | 17.28 | 64.2 | 16.20 | 60.0 | 15.18 | 57.9 | 14.64 | 55.8 | 14.13 | 51.3 | 13.11 | 47.1 | 12.12 |
| | 2.0 | 1.0 | 68.7 | 16.56 | 64.2 | 15.54 | 60.0 | 14.55 | 57.9 | 14.04 | 55.8 | 13.56 | 51.3 | 12.60 | 47.1 | 11.64 |
| | 5.0 | 4.0 | 68.7 | 15.54 | 64.2 | 14.61 | 60.0 | 13.68 | 57.9 | 13.23 | 55.8 | 12.75 | 51.3 | 11.85 | 47.1 | 10.95 |
| | 7.0 | 6.0 | 68.7 | 14.91 | 64.2 | 14.04 | 60.0 | 13.14 | 57.9 | 12.69 | 55.8 | 12.27 | 51.3 | 11.40 | 47.1 | 10.56 |
| | 9.0 | 7.8 | 68.7 | 14.40 | 64.2 | 13.53 | 60.0 | 12.69 | 57.9 | 12.27 | 55.8 | 11.85 | 51.3 | 11.01 | 47.1 | 10.20 |
| | 12.0 | 10.6 | 68.7 | 13.62 | 64.2 | 12.81 | 60.0 | 12.00 | 57.9 | 11.61 | 55.8 | 11.22 | 51.3 | 10.44 | 47.1 | 9.66 |
| | 15.0 | 13.5 | 68.7 | 12.87 | 64.2 | 12.09 | 60.0 | 11.34 | 57.9 | 10.98 | 55.8 | 10.62 | 51.3 | 9.90 | 47.1 | 9.18 |

# ■ Model: AJ∗396GALDHH

| Heating capacity at rated condition: 140.0 kW (44HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 187.5 (150%) | -20.0 | -20.7 | 82.0 | 26.33 | 80.8 | 26.64 | 79.6 | 26.95 | 79.0 | 27.11 | 78.4 | 27.27 | 77.3 | 27.58 | 76.1 | 27.92 |
| | -15.0 | -16.0 | 93.2 | 27.63 | 92.3 | 28.01 | 91.3 | 28.41 | 90.8 | 28.60 | 90.3 | 28.81 | 89.4 | 29.21 | 88.5 | 29.62 |
| | -12.0 | -13.0 | 101.1 | 28.44 | 100.3 | 28.88 | 99.5 | 29.32 | 99.1 | 29.56 | 98.7 | 29.78 | 97.9 | 30.22 | 97.0 | 30.68 |
| | -9.0 | -10.0 | 109.6 | 29.28 | 109.0 | 29.75 | 108.2 | 30.25 | 107.8 | 30.49 | 107.5 | 30.74 | 106.7 | 31.24 | 106.0 | 31.74 |
| | -7.0 | -8.0 | 115.7 | 29.82 | 114.8 | 30.35 | 114.2 | 30.87 | 113.9 | 31.13 | 113.6 | 31.38 | 112.8 | 31.91 | 112.1 | 32.43 |
| | -5.0 | -6.0 | 121.8 | 30.39 | 121.2 | 30.94 | 120.4 | 31.48 | 120.0 | 31.76 | 119.7 | 32.04 | 119.1 | 32.59 | 118.5 | 33.15 |
| | -3.0 | -4.0 | 128.1 | 30.96 | 127.5 | 31.52 | 126.8 | 32.11 | 126.4 | 32.39 | 126.1 | 32.67 | 125.5 | 33.26 | 124.8 | 33.85 |
| | -1.0 | -2.0 | 134.6 | 31.53 | 133.9 | 32.12 | 133.2 | 32.73 | 132.8 | 33.02 | 132.5 | 33.33 | 131.9 | 33.95 | 131.2 | 34.54 |
| | 0.0 | -1.0 | 137.9 | 31.82 | 137.3 | 32.42 | 136.5 | 33.04 | 136.1 | 33.35 | 135.8 | 33.66 | 135.2 | 34.28 | 134.4 | 34.90 |
| | 2.0 | 1.0 | 144.6 | 32.39 | 143.7 | 33.02 | 143.1 | 33.66 | 142.8 | 33.98 | 142.5 | 34.31 | 141.6 | 34.94 | 141.0 | 35.59 |
| | 5.0 | 4.0 | 154.7 | 33.25 | 154.0 | 33.91 | 153.2 | 34.59 | 152.8 | 34.93 | 152.3 | 35.27 | 151.6 | 35.96 | 145.2 | 34.72 |
| | 7.0 | 6.0 | 161.6 | 33.82 | 160.7 | 34.53 | 159.9 | 35.22 | 159.5 | 35.56 | 159.0 | 35.93 | 156.3 | 35.98 | 147.2 | 33.94 |
| | 9.0 | 7.8 | 167.8 | 34.35 | 166.9 | 35.07 | 166.0 | 35.78 | 165.6 | 36.13 | 165.1 | 36.50 | 158.4 | 35.28 | 147.2 | 32.64 |
| | 12.0 | 10.6 | 177.5 | 35.16 | 176.4 | 35.90 | 175.5 | 36.65 | 175.1 | 37.02 | 170.5 | 36.09 | 160.7 | 33.98 | 147.2 | 30.74 |
| | 15.0 | 13.5 | 187.4 | 35.99 | 186.4 | 36.74 | 182.8 | 36.73 | 178.4 | 35.85 | 173.8 | 34.99 | 160.7 | 31.96 | 147.2 | 28.92 |
| 175.0 (140%) | -20.0 | -20.7 | 81.4 | 26.46 | 80.3 | 26.77 | 79.1 | 27.08 | 78.5 | 27.24 | 77.9 | 27.41 | 76.7 | 27.73 | 75.7 | 28.06 |
| | -15.0 | -16.0 | 92.7 | 27.81 | 91.8 | 28.21 | 90.8 | 28.59 | 90.3 | 28.80 | 90.0 | 28.99 | 89.1 | 29.40 | 88.2 | 29.80 |
| | -12.0 | -13.0 | 100.8 | 28.68 | 99.9 | 29.12 | 99.1 | 29.56 | 98.7 | 29.77 | 98.2 | 30.01 | 97.5 | 30.45 | 96.7 | 30.92 |
| | -9.0 | -10.0 | 109.3 | 29.55 | 108.5 | 30.05 | 107.8 | 30.52 | 107.3 | 30.77 | 107.0 | 31.02 | 106.4 | 31.51 | 105.5 | 32.01 |
| | -7.0 | -8.0 | 115.1 | 30.15 | 114.5 | 30.65 | 113.8 | 31.18 | 113.4 | 31.43 | 113.1 | 31.70 | 112.4 | 32.23 | 111.8 | 32.76 |
| | -5.0 | -6.0 | 121.4 | 30.75 | 120.6 | 31.28 | 120.0 | 31.84 | 119.7 | 32.12 | 119.4 | 32.39 | 118.6 | 32.93 | 117.9 | 33.49 |
| | -3.0 | -4.0 | 127.6 | 31.35 | 127.0 | 31.91 | 126.3 | 32.50 | 126.1 | 32.78 | 125.7 | 33.06 | 124.9 | 33.65 | 124.3 | 34.24 |
| | -1.0 | -2.0 | 134.0 | 31.95 | 133.4 | 32.54 | 132.8 | 33.16 | 132.5 | 33.46 | 132.1 | 33.75 | 131.3 | 34.37 | 130.7 | 34.99 |
| | 0.0 | -1.0 | 137.3 | 32.25 | 136.7 | 32.87 | 136.0 | 33.49 | 135.6 | 33.80 | 135.3 | 34.11 | 134.6 | 34.73 | 133.2 | 35.07 |
| | 2.0 | 1.0 | 144.0 | 32.87 | 143.4 | 33.52 | 142.6 | 34.15 | 142.2 | 34.46 | 141.9 | 34.80 | 141.1 | 35.45 | 135.4 | 34.30 |
| | 5.0 | 4.0 | 154.1 | 33.80 | 153.2 | 34.48 | 152.5 | 35.16 | 152.2 | 35.48 | 151.7 | 35.82 | 147.0 | 35.12 | 137.5 | 32.79 |
| | 7.0 | 6.0 | 160.8 | 34.42 | 159.9 | 35.11 | 159.2 | 35.82 | 158.7 | 36.16 | 157.6 | 36.25 | 149.3 | 34.40 | 137.5 | 31.38 |
| | 9.0 | 7.8 | 166.9 | 34.99 | 166.0 | 35.70 | 165.2 | 36.41 | 163.8 | 36.42 | 159.6 | 35.53 | 150.0 | 33.31 | 137.5 | 30.20 |
| | 12.0 | 10.6 | 176.6 | 35.85 | 175.5 | 36.59 | 171.1 | 36.20 | 167.0 | 35.35 | 162.5 | 34.40 | 150.0 | 31.38 | 137.5 | 28.46 |
| | 15.0 | 13.5 | 186.4 | 36.74 | 182.8 | 36.71 | 174.5 | 35.11 | 168.8 | 33.82 | 162.5 | 32.35 | 150.0 | 29.52 | 137.5 | 26.77 |
| 162.5 (130%) | -20.0 | -20.7 | 80.9 | 26.61 | 79.7 | 26.92 | 78.5 | 27.23 | 77.9 | 27.41 | 77.3 | 27.56 | 76.3 | 27.88 | 75.2 | 28.22 |
| | -15.0 | -16.0 | 92.1 | 28.05 | 91.2 | 28.42 | 90.3 | 28.82 | 90.0 | 29.01 | 89.4 | 29.21 | 88.5 | 29.61 | 87.6 | 30.01 |
| | -12.0 | -13.0 | 100.2 | 28.95 | 99.4 | 29.39 | 98.6 | 29.83 | 98.2 | 30.04 | 97.8 | 30.28 | 97.0 | 30.72 | 96.1 | 31.19 |
| | -9.0 | -10.0 | 108.8 | 29.88 | 107.9 | 30.37 | 107.3 | 30.85 | 107.0 | 31.10 | 106.6 | 31.34 | 105.8 | 31.84 | 105.2 | 32.34 |
| | -7.0 | -8.0 | 114.8 | 30.51 | 114.0 | 31.03 | 113.3 | 31.54 | 113.0 | 31.81 | 112.7 | 32.07 | 111.9 | 32.59 | 111.3 | 33.12 |
| | -5.0 | -6.0 | 120.9 | 31.14 | 120.1 | 31.70 | 119.5 | 32.23 | 119.1 | 32.51 | 118.8 | 32.79 | 118.2 | 33.35 | 117.4 | 33.90 |
| | -3.0 | -4.0 | 127.0 | 31.80 | 126.4 | 32.36 | 125.8 | 32.95 | 125.5 | 33.23 | 125.2 | 33.51 | 124.4 | 34.10 | 123.5 | 34.57 |
| | -1.0 | -2.0 | 133.6 | 32.45 | 132.8 | 33.05 | 132.2 | 33.64 | 131.9 | 33.95 | 131.6 | 34.26 | 130.8 | 34.85 | 125.7 | 33.77 |
| | 0.0 | -1.0 | 136.8 | 32.78 | 136.1 | 33.38 | 135.4 | 34.00 | 135.2 | 34.31 | 134.7 | 34.62 | 134.1 | 35.24 | 126.8 | 33.42 |
| | 2.0 | 1.0 | 143.4 | 33.44 | 142.6 | 34.07 | 142.0 | 34.71 | 141.6 | 35.03 | 141.3 | 35.36 | 136.7 | 34.57 | 127.8 | 32.28 |
| | 5.0 | 4.0 | 153.4 | 34.43 | 152.6 | 35.11 | 151.8 | 35.79 | 151.4 | 36.13 | 147.7 | 35.25 | 139.3 | 33.27 | 127.8 | 30.19 |
| | 7.0 | 6.0 | 159.9 | 35.11 | 159.3 | 35.80 | 157.6 | 36.23 | 153.7 | 35.37 | 149.9 | 34.51 | 139.3 | 31.86 | 127.8 | 28.91 |
| | 9.0 | 7.8 | 166.0 | 35.71 | 165.1 | 36.42 | 159.6 | 35.52 | 155.7 | 34.70 | 150.9 | 33.56 | 139.3 | 30.64 | 127.8 | 27.82 |
| | 12.0 | 10.6 | 175.5 | 36.66 | 170.5 | 36.06 | 162.5 | 34.40 | 156.6 | 32.99 | 150.9 | 31.60 | 139.3 | 28.86 | 127.8 | 26.22 |
| | 15.0 | 13.5 | 181.6 | 36.45 | 173.8 | 34.98 | 162.5 | 32.35 | 156.6 | 31.03 | 150.9 | 29.72 | 139.3 | 27.15 | 127.8 | 24.68 |
| 150.0 (120%) | -20.0 | -20.7 | 80.3 | 26.79 | 79.1 | 27.10 | 77.9 | 27.41 | 77.3 | 27.57 | 76.7 | 27.74 | 75.6 | 28.06 | 74.6 | 28.39 |
| | -15.0 | -16.0 | 91.5 | 28.29 | 90.6 | 28.69 | 89.7 | 29.07 | 89.4 | 29.28 | 88.8 | 29.47 | 87.9 | 29.87 | 87.1 | 30.28 |
| | -12.0 | -13.0 | 99.7 | 29.26 | 98.8 | 29.71 | 98.0 | 30.15 | 97.6 | 30.37 | 97.3 | 30.59 | 96.4 | 31.03 | 95.6 | 31.49 |
| | -9.0 | -10.0 | 108.2 | 30.27 | 107.5 | 30.74 | 106.7 | 31.23 | 106.4 | 31.48 | 106.1 | 31.73 | 105.2 | 32.23 | 104.6 | 32.72 |
| | -7.0 | -8.0 | 114.2 | 30.93 | 113.4 | 31.46 | 112.8 | 31.96 | 112.5 | 32.23 | 112.1 | 32.49 | 111.3 | 33.01 | 110.7 | 33.54 |
| | -5.0 | -6.0 | 120.3 | 31.62 | 119.5 | 32.15 | 118.9 | 32.71 | 118.6 | 32.99 | 118.3 | 33.27 | 117.6 | 33.82 | 114.8 | 33.54 |
| | -3.0 | -4.0 | 126.5 | 32.31 | 125.8 | 32.89 | 125.2 | 33.46 | 124.9 | 33.74 | 124.6 | 34.05 | 123.8 | 34.61 | 117.0 | 32.80 |
| | -1.0 | -2.0 | 132.8 | 33.02 | 132.2 | 33.62 | 131.6 | 34.21 | 131.3 | 34.52 | 131.0 | 34.83 | 126.2 | 33.92 | 117.8 | 31.64 |
| | 0.0 | -1.0 | 136.2 | 33.38 | 135.5 | 33.98 | 134.8 | 34.60 | 134.4 | 34.91 | 134.1 | 35.22 | 127.3 | 33.56 | 117.8 | 30.93 |
| | 2.0 | 1.0 | 142.6 | 34.08 | 142.0 | 34.72 | 141.2 | 35.37 | 140.2 | 35.43 | 136.7 | 34.56 | 128.5 | 32.53 | 117.8 | 29.55 |
| | 5.0 | 4.0 | 152.6 | 35.18 | 151.7 | 35.84 | 147.1 | 35.10 | 143.5 | 34.32 | 139.3 | 33.27 | 128.5 | 30.42 | 117.8 | 27.66 |
| | 7.0 | 6.0 | 159.1 | 35.90 | 156.4 | 35.92 | 149.3 | 34.39 | 144.7 | 33.24 | 139.3 | 31.86 | 128.5 | 29.13 | 117.8 | 26.48 |
| | 9.0 | 7.8 | 165.1 | 36.55 | 158.4 | 35.25 | 150.0 | 33.31 | 144.7 | 31.96 | 139.3 | 30.64 | 128.5 | 28.02 | 117.8 | 25.48 |
| | 12.0 | 10.6 | 168.9 | 35.69 | 160.7 | 33.98 | 150.0 | 31.38 | 144.7 | 30.11 | 139.3 | 28.86 | 128.5 | 26.41 | 117.8 | 24.02 |
| | 15.0 | 13.5 | 171.5 | 34.43 | 160.7 | 31.96 | 150.0 | 29.52 | 144.7 | 28.34 | 139.3 | 27.15 | 128.5 | 24.85 | 117.8 | 22.63 |
| 137.5 (110%) | -20.0 | -20.7 | 79.4 | 27.00 | 78.2 | 27.31 | 77.2 | 27.62 | 76.7 | 27.77 | 76.1 | 27.95 | 74.9 | 28.27 | 73.8 | 28.58 |
| | -15.0 | -16.0 | 90.9 | 28.59 | 90.0 | 28.99 | 89.1 | 29.37 | 88.6 | 29.58 | 88.2 | 29.77 | 87.3 | 30.17 | 86.5 | 30.58 |
| | -12.0 | -13.0 | 98.9 | 29.64 | 98.2 | 30.07 | 97.4 | 30.51 | 97.0 | 30.73 | 96.5 | 30.95 | 95.8 | 31.41 | 95.0 | 31.85 |
| | -9.0 | -10.0 | 107.6 | 30.69 | 106.7 | 31.19 | 106.1 | 31.68 | 105.8 | 31.91 | 105.3 | 32.16 | 104.7 | 32.65 | 104.0 | 33.15 |
| | -7.0 | -8.0 | 113.4 | 31.44 | 112.8 | 31.94 | 112.1 | 32.47 | 111.7 | 32.72 | 111.3 | 32.99 | 110.7 | 33.52 | 106.3 | 32.45 |
| | -5.0 | -6.0 | 119.5 | 32.16 | 118.9 | 32.72 | 118.2 | 33.25 | 118.0 | 33.53 | 117.7 | 33.81 | 114.8 | 33.53 | 108.1 | 31.61 |
| | -3.0 | -4.0 | 125.8 | 32.91 | 125.2 | 33.50 | 124.5 | 34.06 | 124.1 | 34.37 | 123.6 | 34.53 | 117.0 | 32.80 | 108.1 | 30.14 |
| | -1.0 | -2.0 | 132.2 | 33.69 | 131.4 | 34.28 | 130.8 | 34.90 | 128.9 | 34.58 | 125.7 | 33.77 | 117.8 | 31.64 | 108.1 | 28.78 |
| | 0.0 | -1.0 | 135.3 | 34.08 | 134.7 | 34.69 | 133.3 | 35.01 | 129.9 | 34.20 | 126.8 | 33.41 | 117.8 | 30.91 | 108.1 | 28.12 |
| | 2.0 | 1.0 | 141.7 | 34.85 | 141.1 | 35.50 | 135.5 | 34.27 | 132.1 | 33.50 | 127.8 | 32.28 | 117.8 | 29.55 | 108.1 | 26.89 |
| | 5.0 | 4.0 | 151.5 | 36.05 | 145.2 | 34.68 | 137.5 | 32.79 | 132.5 | 31.48 | 127.8 | 30.19 | 117.8 | 27.66 | 108.1 | 25.17 |
| | 7.0 | 6.0 | 154.1 | 35.39 | 147.2 | 33.94 | 137.5 | 31.38 | 132.5 | 30.14 | 127.8 | 28.91 | 117.8 | 26.48 | 108.1 | 24.11 |
| | 9.0 | 7.8 | 156.1 | 34.76 | 147.2 | 32.64 | 137.5 | 30.20 | 132.5 | 29.01 | 127.8 | 27.82 | 117.8 | 25.48 | 108.1 | 23.21 |
| | 12.0 | 10.6 | 157.2 | 33.11 | 147.2 | 30.74 | 137.5 | 28.46 | 132.5 | 27.32 | 127.8 | 26.22 | 117.8 | 24.02 | 108.1 | 21.89 |
| | 15.0 | 13.5 | 157.2 | 31.13 | 147.2 | 28.92 | 137.5 | 26.77 | 132.5 | 25.71 | 127.8 | 24.68 | 117.8 | 22.63 | 108.1 | 20.62 |

MODEL SELECTION

| Heating capacity at rated condition: 140.0 kW (44HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 125.0 (100%) | -20.0 | -20.7 | 78.5 | 27.26 | 77.4 | 27.55 | 76.3 | 27.88 | 75.8 | 28.04 | 75.2 | 28.19 | 74.1 | 28.51 | 73.1 | 28.84 |
| | -15.0 | -16.0 | 90.1 | 28.95 | 89.2 | 29.33 | 88.3 | 29.73 | 87.9 | 29.92 | 87.4 | 30.13 | 86.5 | 30.53 | 85.6 | 30.94 |
| | -12.0 | -13.0 | 98.2 | 30.06 | 97.4 | 30.50 | 96.6 | 30.96 | 96.2 | 31.18 | 95.9 | 31.40 | 95.0 | 31.84 | 94.4 | 32.30 |
| | -9.0 | -10.0 | 106.7 | 31.23 | 106.1 | 31.70 | 105.3 | 32.20 | 105.0 | 32.45 | 104.7 | 32.69 | 103.6 | 33.05 | 97.6 | 31.27 |
| | -7.0 | -8.0 | 112.8 | 32.01 | 112.0 | 32.54 | 111.3 | 33.06 | 111.0 | 33.32 | 110.7 | 33.57 | 105.7 | 32.28 | 98.2 | 29.97 |
| | -5.0 | -6.0 | 118.9 | 32.82 | 118.0 | 33.38 | 117.4 | 33.91 | 116.7 | 34.01 | 113.6 | 33.19 | 107.2 | 31.35 | 98.2 | 28.53 |
| | -3.0 | -4.0 | 125.0 | 33.66 | 124.4 | 34.22 | 121.8 | 34.03 | 118.8 | 33.25 | 115.7 | 32.49 | 107.2 | 29.87 | 98.2 | 27.21 |
| | -1.0 | -2.0 | 131.3 | 34.50 | 129.9 | 34.79 | 123.9 | 33.30 | 120.6 | 32.43 | 116.0 | 31.10 | 107.2 | 28.52 | 98.2 | 25.99 |
| | 0.0 | -1.0 | 134.4 | 34.92 | 131.0 | 34.41 | 125.0 | 32.97 | 120.6 | 31.70 | 116.0 | 30.39 | 107.2 | 27.88 | 98.2 | 25.39 |
| | 2.0 | 1.0 | 139.0 | 35.10 | 133.2 | 33.71 | 125.0 | 31.51 | 120.6 | 30.29 | 116.0 | 29.05 | 107.2 | 26.64 | 98.2 | 24.30 |
| | 5.0 | 4.0 | 142.3 | 34.03 | 134.0 | 31.83 | 125.0 | 29.49 | 120.6 | 28.34 | 116.0 | 27.19 | 107.2 | 24.94 | 98.2 | 22.76 |
| | 7.0 | 6.0 | 142.8 | 32.77 | 134.0 | 30.48 | 125.0 | 28.24 | 120.6 | 27.15 | 116.0 | 26.06 | 107.2 | 23.91 | 98.2 | 21.80 |
| | 9.0 | 7.8 | 142.8 | 31.51 | 134.0 | 29.33 | 125.0 | 27.18 | 120.6 | 26.12 | 116.0 | 25.07 | 107.2 | 23.01 | 98.2 | 21.00 |
| | 12.0 | 10.6 | 142.8 | 29.69 | 134.0 | 27.63 | 125.0 | 25.61 | 120.6 | 24.62 | 116.0 | 23.63 | 107.2 | 21.70 | 98.2 | 19.81 |
| | 15.0 | 13.5 | 142.8 | 27.95 | 134.0 | 26.00 | 125.0 | 24.11 | 120.6 | 23.18 | 116.0 | 22.25 | 107.2 | 20.45 | 98.2 | 18.66 |
| 112.5 (90%) | -20.0 | -20.7 | 77.4 | 27.54 | 76.2 | 27.85 | 75.3 | 28.18 | 74.7 | 28.34 | 74.1 | 28.49 | 73.2 | 28.81 | 72.1 | 29.14 |
| | -15.0 | -16.0 | 89.0 | 29.37 | 88.3 | 29.77 | 87.3 | 30.15 | 86.8 | 30.36 | 86.5 | 30.55 | 85.6 | 30.95 | 84.8 | 31.36 |
| | -12.0 | -13.0 | 97.1 | 30.60 | 96.5 | 31.04 | 95.7 | 31.47 | 95.3 | 31.69 | 95.0 | 31.93 | 93.5 | 32.03 | 88.1 | 30.33 |
| | -9.0 | -10.0 | 105.9 | 31.86 | 105.0 | 32.36 | 104.4 | 32.85 | 104.1 | 33.08 | 101.8 | 32.49 | 96.5 | 30.91 | 88.4 | 28.18 |
| | -7.0 | -8.0 | 111.7 | 32.73 | 111.1 | 33.26 | 109.3 | 33.28 | 106.5 | 32.52 | 103.8 | 31.77 | 96.5 | 29.37 | 88.4 | 26.80 |
| | -5.0 | -6.0 | 117.8 | 33.63 | 116.7 | 33.99 | 111.3 | 32.54 | 108.5 | 31.77 | 104.4 | 30.49 | 96.5 | 27.98 | 88.4 | 25.52 |
| | -3.0 | -4.0 | 123.9 | 34.53 | 118.9 | 33.24 | 112.5 | 31.51 | 108.5 | 30.29 | 104.4 | 29.07 | 96.5 | 26.68 | 88.4 | 24.36 |
| | -1.0 | -2.0 | 126.2 | 33.88 | 120.6 | 32.43 | 112.5 | 30.06 | 108.5 | 28.91 | 104.4 | 27.76 | 96.5 | 25.48 | 88.4 | 23.27 |
| | 0.0 | -1.0 | 127.3 | 33.54 | 120.6 | 31.70 | 112.5 | 29.39 | 108.5 | 28.24 | 104.4 | 27.12 | 96.5 | 24.91 | 88.4 | 22.76 |
| | 2.0 | 1.0 | 128.5 | 32.53 | 120.6 | 30.29 | 112.5 | 28.08 | 108.5 | 27.02 | 104.4 | 25.93 | 96.5 | 23.82 | 88.4 | 21.77 |
| | 5.0 | 4.0 | 128.5 | 30.42 | 120.6 | 28.34 | 112.5 | 26.29 | 108.5 | 25.29 | 104.4 | 24.30 | 96.5 | 22.34 | 88.4 | 20.41 |
| | 7.0 | 6.0 | 128.5 | 29.13 | 120.6 | 27.15 | 112.5 | 25.19 | 108.5 | 24.23 | 104.4 | 23.27 | 96.5 | 21.41 | 88.4 | 19.56 |
| | 9.0 | 7.8 | 128.5 | 28.02 | 120.6 | 26.12 | 112.5 | 24.24 | 108.5 | 23.31 | 104.4 | 22.41 | 96.5 | 20.61 | 88.4 | 18.85 |
| | 12.0 | 10.6 | 128.5 | 26.41 | 120.6 | 24.62 | 112.5 | 22.86 | 108.5 | 21.99 | 104.4 | 21.13 | 96.5 | 19.45 | 88.4 | 17.79 |
| | 15.0 | 13.5 | 128.5 | 24.85 | 120.6 | 23.18 | 112.5 | 21.52 | 108.5 | 20.71 | 104.4 | 19.91 | 96.5 | 18.33 | 88.4 | 16.77 |
| 100.0 (80%) | -20.0 | -20.7 | 76.2 | 27.92 | 75.1 | 28.23 | 74.1 | 28.54 | 73.5 | 28.70 | 73.0 | 28.85 | 72.0 | 29.17 | 71.1 | 29.50 |
| | -15.0 | -16.0 | 87.8 | 29.91 | 87.1 | 30.31 | 86.2 | 30.69 | 85.7 | 30.90 | 85.4 | 31.09 | 83.3 | 30.87 | 78.4 | 29.26 |
| | -12.0 | -13.0 | 96.0 | 31.26 | 95.3 | 31.70 | 94.6 | 32.13 | 93.6 | 32.01 | 91.0 | 31.25 | 85.7 | 29.50 | 78.5 | 26.93 |
| | -9.0 | -10.0 | 104.7 | 32.67 | 103.7 | 33.00 | 98.9 | 31.62 | 96.5 | 30.91 | 92.8 | 29.69 | 85.7 | 27.28 | 78.5 | 24.91 |
| | -7.0 | -8.0 | 110.5 | 33.59 | 105.7 | 32.26 | 100.0 | 30.55 | 96.5 | 29.37 | 92.8 | 28.22 | 85.7 | 25.94 | 78.5 | 23.70 |
| | -5.0 | -6.0 | 112.6 | 32.84 | 107.2 | 31.35 | 100.0 | 29.08 | 96.5 | 27.98 | 92.8 | 26.89 | 85.7 | 24.72 | 78.5 | 22.60 |
| | -3.0 | -4.0 | 114.3 | 32.05 | 107.2 | 29.87 | 100.0 | 27.73 | 96.5 | 26.68 | 92.8 | 25.64 | 85.7 | 23.59 | 78.5 | 21.57 |
| | -1.0 | -2.0 | 114.3 | 30.58 | 107.2 | 28.52 | 100.0 | 26.48 | 96.5 | 25.48 | 92.8 | 24.49 | 85.7 | 22.54 | 78.5 | 20.61 |
| | 0.0 | -1.0 | 114.3 | 29.88 | 107.2 | 27.88 | 100.0 | 25.90 | 96.5 | 24.91 | 92.8 | 23.95 | 85.7 | 22.05 | 78.5 | 20.16 |
| | 2.0 | 1.0 | 114.3 | 28.56 | 107.2 | 26.64 | 100.0 | 24.75 | 96.5 | 23.82 | 92.8 | 22.92 | 85.7 | 21.09 | 78.5 | 19.30 |
| | 5.0 | 4.0 | 114.3 | 26.74 | 107.2 | 24.94 | 100.0 | 23.20 | 96.5 | 22.34 | 92.8 | 21.47 | 85.7 | 19.78 | 78.5 | 18.11 |
| | 7.0 | 6.0 | 114.3 | 25.61 | 107.2 | 23.91 | 100.0 | 22.22 | 96.5 | 21.41 | 92.8 | 20.58 | 85.7 | 18.95 | 78.5 | 17.37 |
| | 9.0 | 7.8 | 114.3 | 24.65 | 107.2 | 23.01 | 100.0 | 21.41 | 96.5 | 20.61 | 92.8 | 19.81 | 85.7 | 18.27 | 78.5 | 16.74 |
| | 12.0 | 10.6 | 114.3 | 23.24 | 107.2 | 21.70 | 100.0 | 20.19 | 96.5 | 19.45 | 92.8 | 18.70 | 85.7 | 17.25 | 78.5 | 15.81 |
| | 15.0 | 13.5 | 114.3 | 21.89 | 107.2 | 20.45 | 100.0 | 19.01 | 96.5 | 18.33 | 92.8 | 17.63 | 85.7 | 16.26 | 78.5 | 14.93 |
| 87.5 (70%) | -20.0 | -20.7 | 74.5 | 28.37 | 73.6 | 28.68 | 72.6 | 29.00 | 72.1 | 29.15 | 71.5 | 29.31 | 70.6 | 29.64 | 67.5 | 28.70 |
| | -15.0 | -16.0 | 86.3 | 30.57 | 85.7 | 30.97 | 84.6 | 31.27 | 82.5 | 30.56 | 80.3 | 29.85 | 75.0 | 27.90 | 68.7 | 25.50 |
| | -12.0 | -13.0 | 94.5 | 32.10 | 91.7 | 31.43 | 87.5 | 30.15 | 84.4 | 29.02 | 81.2 | 27.90 | 75.0 | 25.66 | 68.7 | 23.47 |
| | -9.0 | -10.0 | 98.9 | 31.61 | 93.8 | 29.98 | 87.5 | 27.86 | 84.4 | 26.83 | 81.2 | 25.78 | 75.0 | 23.73 | 68.7 | 21.74 |
| | -7.0 | -8.0 | 100.0 | 30.55 | 93.7 | 28.50 | 87.5 | 26.51 | 84.4 | 25.52 | 81.2 | 24.53 | 75.0 | 22.60 | 68.7 | 20.68 |
| | -5.0 | -6.0 | 100.0 | 29.08 | 93.7 | 27.15 | 87.5 | 25.26 | 84.4 | 24.31 | 81.2 | 23.38 | 75.0 | 21.54 | 68.7 | 19.75 |
| | -3.0 | -4.0 | 100.0 | 27.73 | 93.8 | 25.90 | 87.5 | 24.10 | 84.4 | 23.21 | 81.2 | 22.31 | 75.0 | 20.58 | 68.7 | 18.85 |
| | -1.0 | -2.0 | 100.0 | 26.48 | 93.7 | 24.74 | 87.5 | 23.02 | 84.4 | 22.18 | 81.2 | 21.32 | 75.0 | 19.68 | 68.7 | 18.04 |
| | 0.0 | -1.0 | 100.0 | 25.90 | 93.7 | 24.20 | 87.5 | 22.51 | 84.4 | 21.68 | 81.2 | 20.87 | 75.0 | 19.24 | 68.7 | 17.66 |
| | 2.0 | 1.0 | 100.0 | 24.75 | 93.7 | 23.14 | 87.5 | 21.54 | 84.4 | 20.74 | 81.2 | 19.97 | 75.0 | 18.43 | 68.7 | 16.90 |
| | 5.0 | 4.0 | 100.0 | 23.20 | 93.7 | 21.67 | 87.5 | 20.20 | 84.4 | 19.46 | 81.2 | 18.73 | 75.0 | 17.28 | 68.7 | 15.87 |
| | 7.0 | 6.0 | 100.0 | 22.22 | 93.7 | 20.78 | 87.5 | 19.36 | 84.4 | 18.66 | 81.2 | 17.96 | 75.0 | 16.60 | 68.7 | 15.23 |
| | 9.0 | 7.8 | 100.0 | 21.41 | 93.7 | 20.01 | 87.5 | 18.66 | 84.4 | 17.98 | 81.2 | 17.31 | 75.0 | 16.00 | 68.7 | 14.69 |
| | 12.0 | 10.6 | 100.0 | 20.19 | 93.8 | 18.88 | 87.5 | 17.60 | 84.4 | 16.99 | 81.2 | 16.35 | 75.0 | 15.10 | 68.7 | 13.89 |
| | 15.0 | 13.5 | 100.0 | 19.01 | 93.7 | 17.80 | 87.5 | 16.61 | 84.4 | 16.00 | 81.2 | 15.42 | 75.0 | 14.27 | 68.7 | 13.12 |
| 75.0 (60%) | -20.0 | -20.7 | 72.7 | 28.97 | 71.6 | 29.28 | 70.7 | 29.60 | 69.9 | 29.61 | 68.2 | 28.91 | 64.3 | 27.48 | 59.0 | 25.14 |
| | -15.0 | -16.0 | 83.4 | 30.83 | 79.7 | 29.65 | 75.0 | 27.90 | 72.2 | 26.85 | 69.7 | 25.83 | 64.3 | 23.80 | 59.0 | 21.81 |
| | -12.0 | -13.0 | 85.7 | 29.50 | 80.3 | 27.58 | 75.0 | 25.66 | 72.2 | 24.72 | 69.7 | 23.77 | 64.3 | 21.93 | 59.0 | 20.11 |
| | -9.0 | -10.0 | 85.7 | 27.28 | 80.3 | 25.49 | 75.0 | 23.73 | 72.2 | 22.87 | 69.7 | 22.02 | 64.3 | 20.30 | 59.0 | 18.63 |
| | -7.0 | -8.0 | 85.7 | 25.94 | 80.3 | 24.26 | 75.0 | 22.60 | 72.2 | 21.77 | 69.7 | 20.97 | 64.3 | 19.36 | 59.0 | 17.76 |
| | -5.0 | -6.0 | 85.7 | 24.72 | 80.3 | 23.12 | 75.0 | 21.54 | 72.2 | 20.77 | 69.7 | 20.00 | 64.3 | 18.47 | 59.0 | 16.96 |
| | -3.0 | -4.0 | 85.7 | 23.59 | 80.3 | 22.06 | 75.0 | 20.58 | 72.2 | 19.84 | 69.7 | 19.10 | 64.3 | 17.66 | 59.0 | 16.22 |
| | -1.0 | -2.0 | 85.7 | 22.54 | 80.3 | 21.09 | 75.0 | 19.68 | 72.2 | 18.97 | 69.7 | 18.27 | 64.3 | 16.89 | 59.0 | 15.52 |
| | 0.0 | -1.0 | 85.7 | 22.05 | 80.3 | 20.64 | 75.0 | 19.24 | 72.2 | 18.56 | 69.7 | 17.88 | 64.3 | 16.54 | 59.0 | 15.20 |
| | 2.0 | 1.0 | 85.7 | 21.09 | 80.3 | 19.75 | 75.0 | 18.43 | 72.2 | 17.76 | 69.7 | 17.12 | 64.3 | 15.84 | 59.0 | 14.58 |
| | 5.0 | 4.0 | 85.7 | 19.78 | 80.3 | 18.53 | 75.0 | 17.28 | 72.2 | 16.68 | 69.7 | 16.09 | 64.3 | 14.88 | 59.0 | 13.69 |
| | 7.0 | 6.0 | 85.7 | 18.95 | 80.3 | 17.76 | 75.0 | 16.60 | 72.2 | 16.00 | 69.7 | 15.42 | 64.3 | 14.30 | 59.0 | 13.17 |
| | 9.0 | 7.8 | 85.7 | 18.27 | 80.3 | 17.12 | 75.0 | 16.00 | 72.2 | 15.43 | 69.7 | 14.88 | 64.3 | 13.78 | 59.0 | 12.70 |
| | 12.0 | 10.6 | 85.7 | 17.25 | 80.3 | 16.18 | 75.0 | 15.10 | 72.2 | 14.59 | 69.7 | 14.07 | 64.3 | 13.05 | 59.0 | 12.02 |
| | 15.0 | 13.5 | 85.7 | 16.26 | 80.3 | 15.26 | 75.0 | 14.27 | 72.2 | 13.78 | 69.7 | 13.28 | 64.3 | 12.31 | 59.0 | 11.38 |

| Heating capacity at rated condition: 140.0 kW (44HP) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total rated capacity of indoor unit | Outdoor temperature | | Indoor temperature | | | | | | | | | | | | | |
| | | | 16°CDB | | 18°CDB | | 20°CDB | | 21°CDB | | 22°CDB | | 24°CDB | | 26°CDB | |
| | °CDB | °CWB | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP | TC | IP |
| 62.5 (50%) | -20.0 | -20.7 | 69.5 | 29.37 | 66.2 | 28.22 | 62.5 | 26.70 | 60.3 | 25.72 | 58.1 | 24.75 | 53.5 | 22.83 | 49.1 | 20.94 |
| | -15.0 | -16.0 | 71.5 | 26.52 | 66.9 | 24.82 | 62.5 | 23.13 | 60.3 | 22.30 | 58.1 | 21.47 | 53.5 | 19.83 | 49.1 | 18.22 |
| | -12.0 | -13.0 | 71.5 | 24.40 | 66.9 | 22.84 | 62.5 | 21.32 | 60.3 | 20.56 | 58.1 | 19.79 | 53.5 | 18.31 | 49.1 | 16.83 |
| | -9.0 | -10.0 | 71.5 | 22.58 | 66.9 | 21.16 | 62.5 | 19.75 | 60.3 | 19.05 | 58.1 | 18.37 | 53.5 | 16.99 | 49.1 | 15.62 |
| | -7.0 | -8.0 | 71.5 | 21.51 | 66.9 | 20.16 | 62.5 | 18.82 | 60.3 | 18.15 | 58.1 | 17.51 | 53.5 | 16.20 | 49.1 | 14.91 |
| | -5.0 | -6.0 | 71.5 | 20.52 | 66.9 | 19.23 | 62.5 | 17.96 | 60.3 | 17.34 | 58.1 | 16.71 | 53.5 | 15.48 | 49.1 | 14.27 |
| | -3.0 | -4.0 | 71.5 | 19.59 | 66.9 | 18.37 | 62.5 | 17.18 | 60.3 | 16.58 | 58.1 | 15.99 | 53.5 | 14.81 | 49.1 | 13.66 |
| | -1.0 | -2.0 | 71.5 | 18.73 | 66.9 | 17.57 | 62.5 | 16.44 | 60.3 | 15.87 | 58.1 | 15.30 | 53.5 | 14.20 | 49.1 | 13.08 |
| | 0.0 | -1.0 | 71.5 | 18.33 | 66.9 | 17.19 | 62.5 | 16.09 | 60.3 | 15.52 | 58.1 | 14.97 | 53.5 | 13.88 | 49.1 | 12.82 |
| | 2.0 | 1.0 | 71.5 | 17.56 | 66.9 | 16.48 | 62.5 | 15.42 | 60.3 | 14.88 | 58.1 | 14.36 | 53.5 | 13.33 | 49.1 | 12.31 |
| | 5.0 | 4.0 | 71.5 | 16.48 | 66.9 | 15.48 | 62.5 | 14.49 | 60.3 | 14.00 | 58.1 | 13.50 | 53.5 | 12.54 | 49.1 | 11.58 |
| | 7.0 | 6.0 | 71.5 | 15.81 | 66.9 | 14.87 | 62.5 | 13.91 | 60.3 | 13.44 | 58.1 | 12.98 | 53.5 | 12.05 | 49.1 | 11.15 |
| | 9.0 | 7.8 | 71.5 | 15.26 | 66.9 | 14.33 | 62.5 | 13.43 | 60.3 | 12.98 | 58.1 | 12.53 | 53.5 | 11.64 | 49.1 | 10.77 |
| | 12.0 | 10.6 | 71.5 | 14.42 | 66.9 | 13.56 | 62.5 | 12.70 | 60.3 | 12.28 | 58.1 | 11.86 | 53.5 | 11.03 | 49.1 | 10.20 |
| | 15.0 | 13.5 | 71.5 | 13.62 | 66.9 | 12.80 | 62.5 | 11.99 | 60.3 | 11.61 | 58.1 | 11.22 | 53.5 | 10.45 | 49.1 | 9.68 |

Refrigerant R410A
INVERTER

AIRSTAGE

# 3. OUTDOOR UNITS

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# 3. OUTDOOR UNITS


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# 1. Model lineup

## 1-1. Stand-alone

| HP | Cooling capacity (kW) | Model name |
|---|---|---|
| 8 | 22.4 | AJ✳072GALDH |
| 10 | 28.0 | AJ✳090GALDH |
| 12 | 33.5 | AJ✳108GALDH |

| HP | Cooling capacity (kW) | Model name |
|---|---|---|
| 14 | 40.0 | AJ✳126GALDH |
| 16 | 45.0 | AJ✳144GALDH |

## 1-2. Space saving combination

Combinations other than followings are prohibited.

| HP | Cooling capacity (kW) | Set model name | Model name | | | Maximum number of connectable indoor units |
|---|---|---|---|---|---|---|
| | | | Unit 1 | Unit 2 | Unit 3 | |
| 18 | 50.4 | AJ✳162GALDH | AJ✳090GALDH | AJ✳072GALDH | — | 39 |
| 20 | 56.0 | AJ✳180GALDH | AJ✳090GALDH | AJ✳090GALDH | — | 43 |
| 22 | 61.5 | AJ✳198GALDH | AJ✳108GALDH | AJ✳090GALDH | — | 47 |
| 24 | 67.0 | AJ✳216GALDH | AJ✳108GALDH | AJ✳108GALDH | — | 52 |
| 26 | 73.0 | AJ✳234GALDH | AJ✳144GALDH | AJ✳090GALDH | — | 56 |
| 28 | 78.5 | AJ✳252GALDH | AJ✳144GALDH | AJ✳108GALDH | — | 60 |
| 30 | 85.0 | AJ✳270GALDH | AJ✳144GALDH | AJ✳126GALDH | — | 64 |
| 32 | 90.0 | AJ✳288GALDH | AJ✳144GALDH | AJ✳144GALDH | — | 64 |
| 34 | 95.0 | AJ✳306GALDH | AJ✳108GALDH | AJ✳108GALDH | AJ✳090GALDH | 64 |
| 36 | 100.5 | AJ✳324GALDH | AJ✳108GALDH | AJ✳108GALDH | AJ✳108GALDH | 64 |
| 38 | 106.5 | AJ✳342GALDH | AJ✳144GALDH | AJ✳108GALDH | AJ✳090GALDH | 64 |
| 40 | 112.0 | AJ✳360GALDH | AJ✳144GALDH | AJ✳108GALDH | AJ✳108GALDH | 64 |
| 42 | 118.0 | AJ✳378GALDH | AJ✳144GALDH | AJ✳144GALDH | AJ✳090GALDH | 64 |
| 44 | 123.5 | AJ✳396GALDH | AJ✳144GALDH | AJ✳144GALDH | AJ✳108GALDH | 64 |
| 46 | 130.0 | AJ✳414GALDH | AJ✳144GALDH | AJ✳144GALDH | AJ✳126GALDH | 64 |
| 48 | 135.0 | AJ✳432GALDH | AJ✳144GALDH | AJ✳144GALDH | AJ✳144GALDH | 64 |


OUTDOOR UNITS

# 1-3. Energy efficiency combination

Combinations other than followings are prohibited.

| HP | Cooling capacity (kW) | Set model name | Model name | | | Maximum number of connectable indoor units |
|---|---|---|---|---|---|---|
| | | | Unit 1 | Unit 2 | Unit 3 | |
| 16 | 44.8 | AJ✳144GALDHH | AJ✳072GALDH | AJ✳072GALDH | — | 34 |
| 22 | 62.4 | AJ✳198GALDHH | AJ✳126GALDH | AJ✳072GALDH | — | 47 |
| 24 | 67.2 | AJ✳216GALDHH | AJ✳072GALDH | AJ✳072GALDH | AJ✳072GALDH | 52 |
| 26 | 72.8 | AJ✳234GALDHH | AJ✳090GALDH | AJ✳072GALDH | AJ✳072GALDH | 56 |
| 28 | 78.4 | AJ✳252GALDHH | AJ✳090GALDH | AJ✳090GALDH | AJ✳072GALDH | 60 |
| 30 | 84.0 | AJ✳270GALDHH | AJ✳090GALDH | AJ✳090GALDH | AJ✳090GALDH | 64 |
| 32 | 90.4 | AJ✳288GALDHH | AJ✳126GALDH | AJ✳090GALDH | AJ✳072GALDH | 64 |
| 34 | 96.0 | AJ✳306GALDHH | AJ✳126GALDH | AJ✳090GALDH | AJ✳090GALDH | 64 |
| 36 | 102.4 | AJ✳324GALDHH | AJ✳126GALDH | AJ✳126GALDH | AJ✳072GALDH | 64 |
| 38 | 108.0 | AJ✳342GALDHH | AJ✳126GALDH | AJ✳126GALDH | AJ✳090GALDH | 64 |
| 40 | 113.0 | AJ✳360GALDHH | AJ✳144GALDH | AJ✳126GALDH | AJ✳090GALDH | 64 |
| 42 | 120.0 | AJ✳378GALDHH | AJ✳126GALDH | AJ✳126GALDH | AJ✳126GALDH | 64 |
| 44 | 125.0 | AJ✳396GALDHH | AJ✳144GALDH | AJ✳126GALDH | AJ✳126GALDH | 64 |


OUTDOOR UNITS

# 2. Specifications

## 2-1. Stand-alone



OUTDOOR UNITS

| Nominal system capacity | | | | HP | 8 | 10 | 12 |
|---|---|---|---|---|---|---|---|
| Model name | | | | | AJ∗072GALDH | AJ∗090GALDH | AJ∗108GALDH |
| Power supply | | | | | 3N 400 V ~ 50 Hz | | |
| Available voltage range | | | | | 342—456 V | | |
| Capacity | | Cooling | Rated | kW | 22.4 | 28.0 | 33.5 |
| | | | | Btu/h | 76,400 | 95,500 | 114,300 |
| | | Heating | Rated (Nominal) | kW | 22.4 | 28.0 | 33.5 |
| | | | | Btu/h | 76,400 | 95,500 | 114,300 |
| | | | Maximum | kW | 25.0 | 31.5 | 37.5 |
| | | | | Btu/h | 85,300 | 107,400 | 127,900 |
| Input power | | Cooling | Rated | kW | 6.26 | 9.53 | 11.89 |
| | | Heating | Rated (Nominal) | | 5.37 | 7.38 | 9.16 |
| | | | Maximum | | 6.25 | 8.96 | 11.48 |
| Current | | Cooling | Rated | A | 10.5 | 15.1 | 18.7 |
| | | Heating | Rated (Nominal) | | 9.3 | 12.1 | 14.7 |
| Power factor | | Cooling | | % | 86 | 91 | 92 |
| | | Heating | | | 83 | 88 | 90 |
| EER | | Cooling | | W/W | 3.57 | 2.93 | 2.81 |
| COP | | Heating | Rated (Nominal) | | 4.17 | 3.79 | 3.65 |
| | | | Maximum | | 4.00 | 3.51 | 3.26 |
| SEER | | Cooling | | kWh/kWh | 7.15 | 6.69 | 6.70 |
| SCOP | | Heating | | | 3.58 | 3.60 | 3.65 |
| Seasonal space energy efficiency | | Cooling (ηs.c) | | % | 283.0 | 264.6 | 265.0 |
| | | Heating (ηs.h) | | | 140.2 | 141.0 | 143.0 |
| Fan | Airflow rate | Cooling | Rated | $m^3/h$ (l/s) | 9,000 (2,500) | | 10,200/11,100 (2,833/3,084) |
| | | Heating | | | | | |
| | | Cooling | HIGH | | 11,100 (3,084) | | |
| | | Heating | | | | | |
| | External static pressure (Max.) | | | Pa | 80 | | |
| | Type × Q'ty | | | | Propeller fan × 1 | | |
| | Motor | Type × Q'ty | | | DC motor × 1 | | |
| | | Motor output | | W | 750 | | |
| Sound pressure level* | | Cooling | | dB (A) | 56 | 58 | 59 |
| | | Heating | | | 58 | 59 | 63 |
| Sound power level | | Cooling | | dB (A) | 77 | 78 | 79 |
| | | Heating | | | 79 | 79 | 82 |
| Heat exchanger type | | Length | | mm | 1,760 | | |
| | | Fin pitch | | | 1.45 | | |
| | | Rows × Stages | | | 3 × 60 | | |
| | | Face area | | $m^2$ | 2.2 | | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | | |
| | | Fin | Type | | Corrugate (Aluminum) | | |
| | | | Surface treatment | | Corrosion resistance (Blue fin) | | |
| Compressor | | Type × Q'ty | | | Rotary (inv) × 1 | | |
| | | Displacement | | $cm^3$ | 65.3 | | |
| | | Motor output | | kW | 7.5 | | |
| | | Crankcase heater | | W | 35 × 2 | | |
| Refrigerant | | Type (Global Warming Potential) | | | R410A (2088) | | |
| | | Charge | | kg | 11.8 | | |
| Refrigerant oil | | Type | | | POE | | |
| | | Amount | | $cm^3$ | 3,000 | | |
| Enclosure | | Material | | | Painted galvanized steel | | |
| | | Color | | | Beige<br>Approximate color of Munsell 10YR 7.5/1.0NN | | |
| Dimensions (H × W × D) | | Net | | mm | 1,690 × 930 × 765 | | |
| | | Gross | | | 1,811 × 1,002 × 847 | | |
| Weight | | Net | | kg | 262 | | |
| | | Gross | | | 285 | | |
| Connection pipe | | Pipe diameter | Liquid | mm (in) | Ø 12.70 (Ø 1/2) | | |
| | | | Discharge gas | | Ø 15.88 (Ø 5/8) | Ø 19.05 (Ø 3/4) | |
| | | | Suction gas | | Ø 22.22 (Ø 7/8) | | Ø 28.58 (Ø 1-1/8) |
| | | Method | Liquid | | Brazing | | |
| | | | Discharge gas | | Brazing | | |
| | | | Suction gas | | Brazing | | |
| | | Max. length | | m | 165 | | |
| | | Max. height difference | | | 50/40 (Outdoor unit: Higher/Lower) | | |
| Operation temperature range | | Cooling | | °CDB | -10 to 46 | | |
| | | Heating | | | -20 to 21 | | |
| | | Cooling/Heating simultaneous | | | -10 to 21 | | |
| Defrost method | | | | | Reversed cycle | | |
| Compressor capacity control (Steps/Range) | | | | | 951 steps/20 to 115 rps | | |
| Connectable indoor units number | | | Maximum | | 17 | 21 | 26 |
| | | | Minimum | | 2 | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

| Nominal system capacity | | | | HP | 14 | 16 |
|---|---|---|---|---|---|---|
| Model name | | | | | AJ✱126GALDH | AJ✱144GALDH |
| Power supply | | | | | 3N 400 V ~ 50 Hz | |
| Available voltage range | | | | | 342—456 V | |
| Capacity | | Cooling | Rated | kW | 40.0 | 45.0 |
| | | | | Btu/h | 136,400 | 153,500 |
| | | Heating | Rated (Nominal) | kW | 40.0 | 42.0 |
| | | | | Btu/h | 136,400 | 143,300 |
| | | | Maximum | kW | 45.0 | 48.0 |
| | | | | Btu/h | 153,500 | 163,700 |
| Input power | | Cooling | Rated | kW | 13.16 | 16.71 |
| | | Heating | Rated (Nominal) | | 10.80 | 11.81 |
| | | | Maximum | | 13.95 | 14.98 |
| Current | | Cooling | Rated | A | 20.6 | 26.2 |
| | | Heating | Rated (Nominal) | | 17.1 | 18.7 |
| Power factor | | Cooling | | % | 92 | |
| | | Heating | | | 91 | |
| EER | | Cooling | | W/W | 3.03 | 2.69 |
| COP | | Heating | Rated (Nominal) | | 3.70 | 3.55 |
| | | | Maximum | | 3.22 | 3.20 |
| SEER | | Cooling | | kWh/kWh | 6.87 | 6.33 |
| SCOP | | Heating | | | 3.99 | 4.07 |
| Seasonal space energy efficiency | | Cooling (ηs.c) | | % | 271.8 | 250.2 |
| | | Heating (ηs.h) | | | 156.6 | 159.8 |
| Fan | Airflow rate | Cooling | Rated | $m^3/h$ (l/s) | 13,000 (3,611) | |
| | | Heating | | | | |
| | | Cooling | HIGH | | 13,000 (3,611) | |
| | | Heating | | | | |
| | External static pressure (Max.) | | | Pa | 80 | |
| | Type × Q'ty | | | | Propeller fan × 1 | |
| | Motor | Type × Q'ty | | | DC motor × 1 | |
| | | Motor output | | W | 750 | |
| Sound pressure level* | | Cooling | | dB (A) | 60 | 61 |
| | | Heating | | | 62 | 63 |
| Sound power level | | Cooling | | dB (A) | 82 | |
| | | Heating | | | 83 | |
| Heat exchanger type | | Length | | mm | 2,070 | |
| | | Fin pitch | | | 1.45 | |
| | | Rows × Stages | | | 3 × 60 | |
| | | Face area | | $m^2$ | 2.6 | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | |
| | | Fin | Type | | Corrugate (Aluminum) | |
| | | | Surface treatment | | Corrosion resistance (Blue fin) | |
| Compressor | | Type × Q'ty | | | Rotary (inv) × 1 | |
| | | Displacement | | $cm^3$ | 79.2 | |
| | | Motor output | | kW | 11.0 | |
| | | Crankcase heater | | W | 35 × 2 | |
| Refrigerant | | Type (Global Warming Potential) | | | R410A (2088) | |
| | | Charge | | kg | 11.8 | |
| Refrigerant oil | | Type | | | POE | |
| | | Amount | | $cm^3$ | 3,000 | |
| Enclosure | | Material | | | Painted galvanized steel | |
| | | Color | | | Beige<br>Approximate color of Munsell 10YR 7.5/1.0NN | |
| Dimensions (H × W × D) | | Net | | mm | 1,690 × 1,240 × 765 | |
| | | Gross | | | 1,811 × 1,312 × 847 | |
| Weight | | Net | | kg | 286 | |
| | | Gross | | | 311 | |
| Connection pipe | | Pipe diameter | Liquid | mm (in) | Ø 12.70 (Ø 1/2) | |
| | | | Discharge gas | | Ø 22.22 (Ø 7/8) | |
| | | | Suction gas | | Ø 28.58 (Ø 1-1/8) | |
| | | Method | Liquid | | Brazing | |
| | | | Discharge gas | | Brazing | |
| | | | Suction gas | | Brazing | |
| | | Max. length | | m | 165 | |
| | | Max. height difference | | | 50/40 (Outdoor unit: Higher/Lower) | |
| Operation temperature range | | Cooling | | °CDB | -10 to 46 | |
| | | Heating | | | -20 to 21 | |
| | | Cooling/Heating simultaneous | | | -10 to 21 | |
| Defrost method | | | | | Reversed cycle | |
| Compressor capacity control (Steps/Range) | | | | | 951 steps/20 to 115 rps | |
| Connectable indoor units number | | | Maximum | | 30 | 34 |
| | | | Minimum | | 2 | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

# 2-2. Space saving combination

| Nominal system capacity | | | | HP | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|---|
| Set model name | | | | | AJ∗162GALDH | AJ∗180GALDH | AJ∗198GALDH | AJ∗216GALDH |
| Model name | | | | | AJ∗090GALDH<br>AJ∗072GALDH | AJ∗090GALDH<br>AJ∗090GALDH | AJ∗108GALDH<br>AJ∗090GALDH | AJ∗108GALDH<br>AJ∗108GALDH |
| Power supply | | | | | 3N 400 V ~ 50 Hz | | | |
| Available voltage range | | | | | 342—456 V | | | |
| Capacity | | Cooling | | kW | 50.4 | 56.0 | 61.5 | 67.0 |
| | | | | Btu/h | 171,900 | 191,000 | 209,800 | 228,600 |
| | | Heating | Rated (Nominal) | kW | 50.4 | 56.0 | 61.5 | 67.0 |
| | | | | Btu/h | 171,900 | 191,000 | 209,800 | 228,600 |
| | | | Maximum | kW | 56.5 | 63.0 | 69.0 | 75.0 |
| | | | | Btu/h | 192,700 | 214,800 | 235,300 | 255,800 |
| Input power | | Cooling | | kW | 15.79 | 19.06 | 21.42 | 23.78 |
| | | Heating | Rated (Nominal) | | 12.75 | 14.76 | 16.54 | 18.32 |
| | | | Maximum | | 15.21 | 17.92 | 20.44 | 22.96 |
| EER | | Cooling | | W/W | 3.19 | 2.94 | 2.87 | 2.82 |
| COP | | Heating | Rated (Nominal) | | 3.95 | 3.79 | 3.72 | 3.66 |
| SEER | | Cooling | | kWh/kWh | 6.92 | 6.69 | 6.70 | 6.70 |
| SCOP | | Heating | | | 3.59 | 3.60 | 3.63 | 3.65 |
| Seasonal space energy efficiency | | Cooling (ηs.c) | | % | 273.8 | 264.6 | 264.8 | 265.0 |
| | | Heating (ηs.h) | | | 140.6 | 141.0 | 142.0 | 143.0 |
| Fan | Airflow rate | Cooling | Rated | $m^3/h$ (l/s) | 9,000 × 2 (2,500 × 2) | | (10,200/11,100) + 9,000 ([2,833/3,084] + 2,500) | (10,200/11,100) × 2 ([2,833/3,084] × 2) |
| | | Heating | | | | | | |
| | | Cooling | HIGH | | 11,100 × 2 (3,084 × 2) | | | |
| | | Heating | | | | | | |
| | External static pressure (Max.) | | | Pa | 80 | | | |
| | Type × Q'ty | | | | Propeller fan × 2 | | | |
| | Motor | Type × Q'ty | | | DC motor × 2 | | | |
| | | Motor output | | W | 750 × 2 | | | |
| Sound pressure level* | | Cooling | | dB (A) | 60 | 61 | 62 | |
| | | Heating | | | 62 | | 64 | 66 |
| Sound power level | | Cooling | | dB (A) | 81 | | 82 | |
| | | Heating | | | 82 | | 84 | 85 |
| Heat exchanger type | | Length | | mm | 1,760 × 2 | | | |
| | | Fin pitch | | | 1.45 | | | |
| | | Rows × Stages | | | (3 × 60) × 2 | | | |
| | | Face area | | $m^2$ | 2.2 × 2 | | | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | | | |
| | | Fin | Type | | Corrugate (Aluminum) | | | |
| | | | Surface treatment | | Corrosion resistance (Blue fin) | | | |
| Compressor | | Type × Q'ty | | | Rotary (inv) × 2 | | | |
| | | Displacement | | $cm^3$ | 65.3 × 2 | | | |
| | | Motor output | | kW | 7.5 × 2 | | | |
| | | Crankcase heater | | W | (35 × 2) × 2 | | | |
| Refrigerant | | Type (Global warming potential) | | | R410A (2088) | | | |
| | | Charge | | kg | 11.8 × 2 | | | |
| Refrigerant oil | | Type | | | POE | | | |
| | | Amount | | $cm^3$ | 3,000 × 2 | | | |
| Enclosure | | Material | | | Painted galvanized steel | | | |
| | | Color | | | Beige<br>Approximate color of Munsell 10YR 7.5/1.0NN | | | |
| Dimensions (H × W × D) | | Net | | mm | (1,690 × 930 × 765) × 2 | | | |
| | | Gross | | | (1,811 × 1,002 × 847) × 2 | | | |
| Weight | | Net | | kg | 262 × 2 | | | |
| | | Gross | | | 285 × 2 | | | |
| Connection pipe | | Pipe diameter | Liquid | mm (in) | Ø 15.88 (Ø 5/8) | | | |
| | | | Discharge gas | | Ø 22.22 (Ø 7/8) | | Ø 28.58 (Ø 1-1/8) | |
| | | | Suction gas | | Ø 28.58 (Ø 1-1/8) | | Ø 34.92 (Ø 1-3/8) | |
| | | Method | Liquid | | Brazing | | | |
| | | | Discharge gas | | Brazing | | | |
| | | | Suction gas | | Brazing | | | |
| | | Max. length | | m | 165 | | | |
| | | Max. height difference | | | 50/40 (Outdoor unit: Higher/Lower) | | | |
| Operation temperature range | | Cooling | | °CDB | -10 to 46 | | | |
| | | Heating | | | -20 to 21 | | | |
| | | Cooling/Heating simultaneous | | | -10 to 21 | | | |
| Defrost method | | | | | Reversed cycle | | | |
| Connectable indoor units number | | | Maximum | | 39 | 43 | 47 | 52 |
| | | | Minimum | | 2 | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


OUTDOOR UNITS

| Nominal system capacity | | | | | HP | 26 | 28 | 30 | 32 |
|---|---|---|---|---|---|---|---|---|---|
| Set model name | | | | | | AJ✱234GALDH | AJ✱252GALDH | AJ✱270GALDH | AJ✱288GALDH |
| Model name | | | | | | AJ✱144GALDH<br>AJ✱090GALDH | AJ✱144GALDH<br>AJ✱108GALDH | AJ✱144GALDH<br>AJ✱126GALDH | AJ✱144GALDH<br>AJ✱144GALDH |
| Power supply | | | | | | 3N 400 V ~ 50 Hz | | | |
| Available voltage range | | | | | | 342—456 V | | | |
| Capacity | | Cooling | | | kW | 73.0 | 78.5 | 85.0 | 90.0 |
| | | | | | Btu/h | 249,000 | 267,800 | 289,900 | 307,000 |
| | | Heating | Rated (Nominal) | | kW | 70.0 | 75.5 | 82.0 | 84.0 |
| | | | | | Btu/h | 238,800 | 257,600 | 279,700 | 286,600 |
| | | | Maximum | | kW | 79.5 | 85.5 | 93.0 | 96.0 |
| | | | | | Btu/h | 271,100 | 291,600 | 317,200 | 327,400 |
| Input power | | Cooling | | | kW | 26.24 | 28.60 | 29.87 | 33.42 |
| | | Heating | Rated (Nominal) | | | 19.19 | 20.97 | 22.61 | 23.62 |
| | | | Maximum | | | 23.94 | 26.46 | 28.93 | 29.96 |
| EER | | Cooling | | | W/W | 2.78 | 2.74 | 2.85 | 2.69 |
| COP | | Heating | Rated (Nominal) | | | 3.65 | 3.60 | 3.63 | 3.56 |
| SEER | | Cooling | | | kWh/kWh | 6.51 | 6.52 | 6.60 | 6.33 |
| SCOP | | Heating | | | | 3.84 | 3.86 | 4.03 | 4.07 |
| Seasonal space energy efficiency | | Cooling (ηs.c) | | | % | 257.4 | 257.6 | 261.0 | 250.2 |
| | | Heating (ηs.h) | | | | 150.4 | 151.4 | 158.2 | 159.8 |
| Fan | Airflow rate | Cooling | Rated | | $m^3/h$ (l/s) | 13,000 + 9,000<br>(3,611 + 2,500) | 13,000<br>+ (10,200/11,100)<br>(3,611<br>+ [2,833/3,084]) | 13,000 × 2 (3,611 × 2) | |
| | | Heating | | | | | | | |
| | | Cooling | HIGH | | | 13,000 + 11,100 (3,611 + 3,084) | | 13,000 × 2 (3,611 × 2) | |
| | | Heating | | | | | | | |
| | External static pressure (Max.) | | | | Pa | 80 | | | |
| | Type × Q'ty | | | | | Propeller fan × 2 | | | |
| | Motor | Type × Q'ty | | | | DC motor × 2 | | | |
| | | Motor output | | | W | 750 × 2 | | | |
| Sound pressure level* | | Cooling | | | dB (A) | 63 | | 64 | |
| | | Heating | | | | 64 | 66 | | |
| Sound power level | | Cooling | | | dB (A) | 83 | 84 | 85 | |
| | | Heating | | | | 84 | 86 | | |
| Heat exchanger type | | Length | | | mm | 2,070 + 1,760 | | 2,070 × 2 | |
| | | Fin pitch | | | | 1.45 | | | |
| | | Rows × Stages | | | | (3 × 60) × 2 | | | |
| | | Face area | | | $m^2$ | 2.6 + 2.2 | | 2.6 × 2 | |
| | | Pipe type (Material) | | | | Grooved H-pin (Copper) | | | |
| | | Fin | Type | | | Corrugate (Aluminum) | | | |
| | | | Surface treatment | | | Corrosion resistance (Blue fin) | | | |
| Compressor | | Type × Q'ty | | | | Rotary (inv) × 2 | | | |
| | | Displacement | | | $cm^3$ | 79.2 + 65.3 | | 79.2 × 2 | |
| | | Motor output | | | kW | 11.0 + 7.5 | | 11.0 × 2 | |
| | | Crankcase heater | | | W | (35 × 2) × 2 | | | |
| Refrigerant | | Type (Global warming potential) | | | | R410A (2088) | | | |
| | | Charge | | | kg | 11.8 × 2 | | | |
| Refrigerant oil | | Type | | | | POE | | | |
| | | Amount | | | $cm^3$ | 3,000 × 2 | | | |
| Enclosure | | Material | | | | Painted galvanized steel | | | |
| | | Color | | | | Beige<br>Approximate color of Munsell 10YR 7.5/1.0NN | | | |
| Dimensions<br>(H × W × D) | | Net | | | mm | 1,690 × 1,240 × 765<br>1,690 × 930 × 765 | | (1,690 × 1,240 × 765) × 2 | |
| | | Gross | | | | 1,811 × 1,312 × 847<br>1,811 × 1,002 × 847 | | (1,811 × 1,312 × 847) × 2 | |
| Weight | | Net | | | kg | 286 + 262 | | 286 × 2 | |
| | | Gross | | | | 311 + 285 | | 311 × 2 | |
| Connection pipe | | Pipe diameter | Liquid | | mm (in) | Ø 15.88 (Ø 5/8) | | Ø 19.05 (Ø 3/4) | |
| | | | Discharge gas | | | Ø 28.58 (Ø 1-1/8) | | | |
| | | | Suction gas | | | Ø 34.92 (Ø 1-3/8) | | | |
| | | Method | Liquid | | | Brazing | | | |
| | | | Discharge gas | | | Brazing | | | |
| | | | Suction gas | | | Brazing | | | |
| | | Max. length | | | m | 165 | | | |
| | | Max. height difference | | | | 50/40 (Outdoor unit: Higher/Lower) | | | |
| Operation temperature range | | Cooling | | | °CDB | -10 to 46 | | | |
| | | Heating | | | | -20 to 21 | | | |
| | | Cooling/Heating simultaneous | | | | -10 to 21 | | | |
| Defrost method | | | | | | Reversed cycle | | | |
| Connectable indoor units number | | | | Maximum | | 56 | 60 | 64 | |
| | | | | Minimum | | 2 | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

OUTDOOR UNITS

| Nominal system capacity | | | | HP | 34 | 36 | 38 | 40 |
|---|---|---|---|---|---|---|---|---|
| Set model name | | | | | AJ✱306GALDH | AJ✱324GALDH | AJ✱342GALDH | AJ✱360GALDH |
| Model name | | | | | AJ✱108GALDH<br>AJ✱108GALDH<br>AJ✱090GALDH | AJ✱108GALDH<br>AJ✱108GALDH<br>AJ✱108GALDH | AJ✱144GALDH<br>AJ✱108GALDH<br>AJ✱090GALDH | AJ✱144GALDH<br>AJ✱108GALDH<br>AJ✱108GALDH |
| Power supply | | | | | 3N 400 V ~ 50 Hz | | | |
| Available voltage range | | | | | 342—456 V | | | |
| Capacity | | Cooling | | kW | 95.0 | 100.5 | 106.5 | 112.0 |
| | | | | Btu/h | 324,100 | 342,900 | 363,300 | 382,100 |
| | | Heating | Rated (Nominal) | kW | 95.0 | 100.5 | 103.5 | 109.0 |
| | | | | Btu/h | 324,100 | 342,900 | 353,100 | 371,900 |
| | | | Maximum | kW | 106.5 | 112.5 | 117.0 | 123.0 |
| | | | | Btu/h | 363,200 | 383,700 | 399,000 | 419,500 |
| Input power | | Cooling | | kW | 33.31 | 35.67 | 38.13 | 40.49 |
| | | Heating | Rated (Nominal) | | 25.70 | 27.48 | 28.35 | 30.13 |
| | | | Maximum | | 31.92 | 34.44 | 35.42 | 37.94 |
| EER | | Cooling | | W/W | 2.85 | 2.82 | 2.79 | 2.77 |
| COP | | Heating | Rated (Nominal) | | 3.70 | 3.66 | 3.65 | 3.62 |
| SEER | | Cooling | | kWh/kWh | 6.70 | 6.70 | 6.57 | 6.58 |
| SCOP | | Heating | | | 3.63 | 3.65 | 3.77 | 3.79 |
| Seasonal space energy efficiency | | Cooling (ηs.c) | | % | 264.9 | 265.0 | 259.9 | 260.1 |
| | | Heating (ηs.h) | | | 142.3 | 143.0 | 147.9 | 148.6 |
| Fan | Airflow rate | Cooling | Rated | $m^3/h$ (l/s) | (10,200/11,100) × 2 + 9,000 ([2,833/3,084] × 2 + 2,500) | (10,200/11,100) × 3 ([2,833/3,084] × 3) | 13,000 + (10,200/11,100) + 9,000 (3,611 + [2,833/3,084] + 2,500) | 13,000 + (10,200/11,100) × 2 (3,611 + [2,833/3,084] × 2) |
| | | Heating | | | | | | |
| | | Cooling | HIGH | | 11,100 × 3 (3,084 × 3) | | 13,000 + 11,100 × 2 (3,611 + 3,084 × 2) | |
| | | Heating | | | | | | |
| | External static pressure (Max.) | | | Pa | 80 | | | |
| | Type × Q'ty | | | | Propeller fan × 3 | | | |
| | Motor | Type × Q'ty | | | DC motor × 3 | | | |
| | | Motor output | | W | 750 × 3 | | | |
| Sound pressure level* | | Cooling | | dB (A) | 63 | 64 | | 65 |
| | | Heating | | | 67 | 68 | 67 | 68 |
| Sound power level | | Cooling | | dB (A) | 83 | 84 | 85 | |
| | | Heating | | | 86 | 87 | 86 | 87 |
| Heat exchanger type | | Length | | mm | 1,760 × 3 | | 2,070 + 1,760 × 2 | |
| | | Fin pitch | | | 1.45 | | | |
| | | Rows × Stages | | | (3 × 60) × 3 | | | |
| | | Face area | | $m^2$ | 2.2 × 3 | | 2.6 + 2.2 × 2 | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | | | |
| | | Fin | Type | | Corrugate (Aluminum) | | | |
| | | | Surface treatment | | Corrosion resistance (Blue fin) | | | |
| Compressor | | Type × Q'ty | | | Rotary (inv) × 3 | | | |
| | | Displacement | | $cm^3$ | 65.3 × 3 | | 79.2 + 65.3 × 2 | |
| | | Motor output | | kW | 7.5 × 3 | | 11.0 + 7.5 × 2 | |
| | | Crankcase heater | | W | (35 × 2) × 3 | | | |
| Refrigerant | | Type (Global warming potential) | | | R410A (2088) | | | |
| | | Charge | | kg | 11.8 × 3 | | | |
| Refrigerant oil | | Type | | | POE | | | |
| | | Amount | | $cm^3$ | 3,000 × 3 | | | |
| Enclosure | | Material | | | Painted galvanized steel | | | |
| | | Color | | | Beige<br>Approximate color of Munsell 10YR 7.5/1.0NN | | | |
| Dimensions (H × W × D) | | Net | | mm | (1,690 × 930 × 765) × 3 | | 1,690 × 1,240 × 765<br>(1,690 × 930 × 765) × 2 | |
| | | Gross | | | (1,811 × 1,002 × 847) × 3 | | 1,811 × 1,312 × 847<br>(1,811 × 1,002 × 847) × 2 | |
| Weight | | Net | | kg | 262 × 3 | | 286 + 262 × 2 | |
| | | Gross | | | 285 × 3 | | 311 + 285 × 2 | |
| Connection pipe | | Pipe diameter | Liquid | mm (in) | Ø 19.05 (Ø 3/4) | | | |
| | | | Discharge gas | | Ø 28.58 (Ø 1-1/8) | | Ø 34.92 (Ø 1-3/8) | |
| | | | Suction gas | | Ø 34.92 (Ø 1-3/8) | Ø 41.27 (Ø 1-5/8) | | |
| | | Method | Liquid | | Brazing | | | |
| | | | Discharge gas | | Brazing | | | |
| | | | Suction gas | | Brazing | | | |
| | | Max. length | | m | 165 | | | |
| | | Max. height difference | | | 50/40 (Outdoor unit: Higher/Lower) | | | |
| Operation temperature range | | Cooling | | °CDB | -10 to 46 | | | |
| | | Heating | | | -20 to 21 | | | |
| | | Cooling/Heating simultaneous | | | -10 to 21 | | | |
| Defrost method | | | | | Reversed cycle | | | |
| Connectable indoor units number | | | Maximum | | 64 | | | |
| | | | Minimum | | 2 | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

| Nominal system capacity | | | | HP | 42 | 44 | 46 | 48 |
|---|---|---|---|---|---|---|---|---|
| Set model name | | | | | AJ✱378GALDH | AJ✱396GALDH | AJ✱414GALDH | AJ✱432GALDH |
| Model name | | | | | AJ✱144GALDH<br>AJ✱144GALDH<br>AJ✱090GALDH | AJ✱144GALDH<br>AJ✱144GALDH<br>AJ✱108GALDH | AJ✱144GALDH<br>AJ✱144GALDH<br>AJ✱126GALDH | AJ✱144GALDH<br>AJ✱144GALDH<br>AJ✱144GALDH |
| Power supply | | | | | 3N 400 V ~ 50 Hz | | | |
| Available voltage range | | | | | 342—456 V | | | |
| Capacity | | Cooling | | kW | 118.0 | 123.5 | 130.0 | 135.0 |
| | | | | Btu/h | 402,500 | 421,300 | 443,400 | 460,500 |
| | | Heating | Rated (Nominal) | kW | 112.0 | 117.5 | 124.0 | 126.0 |
| | | | | Btu/h | 382,100 | 400,900 | 423,000 | 429,900 |
| | | | Maximum | kW | 127.5 | 133.5 | 141.0 | 144.0 |
| | | | | Btu/h | 434,800 | 455,300 | 480,900 | 491,100 |
| Input power | | Cooling | | kW | 42.95 | 45.31 | 46.58 | 50.13 |
| | | Heating | Rated (Nominal) | | 31.00 | 32.78 | 34.42 | 35.43 |
| | | | Maximum | | 38.92 | 41.44 | 43.91 | 44.94 |
| EER | | Cooling | | W/W | 2.75 | 2.73 | 2.79 | 2.69 |
| COP | | Heating | Rated (Nominal) | | 3.61 | 3.58 | 3.60 | 3.56 |
| SEER | | Cooling | | kWh/kWh | 6.45 | 6.45 | 6.51 | 6.33 |
| SCOP | | Heating | | | 3.91 | 3.93 | 4.04 | 4.07 |
| Seasonal space energy efficiency | | Cooling (ηs.c) | | % | 255.0 | 255.1 | 257.4 | 250.2 |
| | | Heating (ηs.h) | | | 153.5 | 154.2 | 158.7 | 159.8 |
| Fan | Airflow rate | Cooling | Rated | $m^3/h$ (l/s) | 13,000 × 2 + 9,000 (3,611 × 2 + 2,500) | 13,000 × 2 + (10,200/11,100) (3,611 × 2 + [2,833/3,084]) | 13,000 × 3 (3,611 × 3) | |
| | | Heating | | | | | | |
| | | Cooling | HIGH | | 13,000 × 2 + 11,100 (3,611 × 2 + 3,084) | | 13,000 × 3 (3,611 × 3) | |
| | | Heating | | | | | | |
| | External static pressure (Max.) | | | Pa | 80 | | | |
| | Type × Q'ty | | | | Propeller fan × 3 | | | |
| | Motor | Type × Q'ty | | | DC motor × 3 | | | |
| | | Motor output | | W | 750 × 3 | | | |
| Sound pressure level* | | Cooling | | dB (A) | 65 | | | 66 |
| | | Heating | | | 67 | 68 | 67 | 68 |
| Sound power level | | Cooling | | dB (A) | 86 | | 87 | |
| | | Heating | | | 87 | | 88 | |
| Heat exchanger type | | Length | | mm | 2,070 × 2 + 1,760 | | 2,070 × 3 | |
| | | Fin pitch | | | 1.45 | | | |
| | | Rows × Stages | | | (3 × 60) × 3 | | | |
| | | Face area | | $m^2$ | 2.6 × 2 + 2.2 | | 2.6 × 3 | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | | | |
| | | Fin | Type | | Corrugate (Aluminum) | | | |
| | | | Surface treatment | | Corrosion resistance (Blue fin) | | | |
| Compressor | | Type × Q'ty | | | Rotary (inv) × 3 | | | |
| | | Displacement | | $cm^3$ | 79.2 × 2 + 65.3 | | 79.2 × 3 | |
| | | Motor output | | kW | 11.0 × 2 + 7.5 | | 11.0 × 3 | |
| | | Crankcase heater | | W | (35 × 2) × 3 | | | |
| Refrigerant | | Type (Global warming potential) | | | R410A (2088) | | | |
| | | Charge | | kg | 11.8 × 3 | | | |
| Refrigerant oil | | Type | | | POE | | | |
| | | Amount | | $cm^3$ | 3,000 × 3 | | | |
| Enclosure | | Material | | | Painted galvanized steel | | | |
| | | Color | | | Beige<br>Approximate color of Munsell 10YR 7.5/1.0NN | | | |
| Dimensions (H × W × D) | | Net | | mm | (1,690 × 1,240 × 765) × 2<br>1,690 × 930 × 765 | | (1,690 × 1,240 × 765) × 3 | |
| | | Gross | | | (1,811 × 1,312 × 847) × 2<br>1,811 × 1,002 × 847 | | (1,811 × 1,312 × 847) × 3 | |
| Weight | | Net | | kg | 286 × 2 + 262 | | 286 × 3 | |
| | | Gross | | | 311 × 2 + 285 | | 311 × 3 | |
| Connection pipe | | Pipe diameter | Liquid | mm (in) | Ø 19.05 (Ø 3/4) | | | |
| | | | Discharge gas | | Ø 34.92 (Ø 1-3/8) | | | |
| | | | Suction gas | | Ø 41.27 (Ø 1-5/8) | | | |
| | | Method | Liquid | | Brazing | | | |
| | | | Discharge gas | | Brazing | | | |
| | | | Suction gas | | Brazing | | | |
| | | Max. length | | m | 165 | | | |
| | | Max. height difference | | | 50/40 (Outdoor unit: Higher/Lower) | | | |
| Operation temperature range | | Cooling | | °CDB | -10 to 46 | | | |
| | | Heating | | | -20 to 21 | | | |
| | | Cooling/Heating simultaneous | | | -10 to 21 | | | |
| Defrost method | | | | | Reversed cycle | | | |
| Connectable indoor units number | | | Maximum | | 64 | | | |
| | | | Minimum | | 2 | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

# 2-3. Energy efficiency combination

| Nominal system capacity | | | | | HP | 16 | 22 |
|---|---|---|---|---|---|---|---|
| Set model name | | | | | | AJ✱144GALDHH | AJ✱198GALDHH |
| Model name | | | | | | AJ✱072GALDH<br>AJ✱072GALDH | AJ✱126GALDH<br>AJ✱072GALDH |
| Power supply | | | | | | 3N 400 V ~ 50 Hz | |
| Available voltage range | | | | | | 342—456 V | |
| Capacity | | Cooling | | | kW | 44.8 | 62.4 |
| | | | | | Btu/h | 152,800 | 212,800 |
| | | Heating | Rated (Nominal) | | kW | 44.8 | 62.4 |
| | | | | | Btu/h | 152,800 | 212,800 |
| | | | Maximum | | kW | 50.0 | 70.0 |
| | | | | | Btu/h | 170,600 | 238,800 |
| Input power | | Cooling | | | kW | 12.52 | 19.42 |
| | | Heating | Rated (Nominal) | | | 10.74 | 16.17 |
| | | | Maximum | | | 12.50 | 20.20 |
| EER | | Cooling | | | W/W | 3.58 | 3.21 |
| COP | | Heating | Rated (Nominal) | | | 4.17 | 3.86 |
| SEER | | Cooling | | | kWh/kWh | 7.15 | 7.01 |
| SCOP | | Heating | | | | 3.58 | 3.79 |
| Seasonal space energy efficiency | | Cooling (ηs.c) | | | % | 283.0 | 277.4 |
| | | Heating (ηs.h) | | | | 140.2 | 148.4 |
| Fan | Airflow rate | Cooling | Rated | | $m^3/h$ (l/s) | 9,000 × 2 (2,500 × 2) | 13,000 + 9,000 (3,611 + 2,500) |
| | | Heating | | | | | |
| | | Cooling | HIGH | | | 11,100 × 2 (3,084 × 2) | 13,000 + 11,100 (3,611 + 3,084) |
| | | Heating | | | | | |
| | External static pressure (Max.) | | | | Pa | 80 | |
| | Type × Q'ty | | | | | Propeller fan × 2 | |
| | Motor | Type × Q'ty | | | | DC motor × 2 | |
| | | Motor output | | | W | 750 × 2 | |
| Sound pressure level* | | Cooling | | | dB (A) | 59 | 61 |
| | | Heating | | | | 61 | 63 |
| Sound power level | | Cooling | | | dB (A) | 80 | 83 |
| | | Heating | | | | 82 | 84 |
| Heat exchanger type | | Length | | | mm | 1,760 × 2 | 2,070 + 1,760 |
| | | Fin pitch | | | | 1.45 | |
| | | Rows × Stages | | | | (3 × 60) × 2 | |
| | | Face area | | | $m^2$ | 2.2 × 2 | 2.6 + 2.2 |
| | | Pipe type (Material) | | | | Grooved H-pin (Copper) | |
| | | Fin | Type | | | Corrugate (Aluminum) | |
| | | | Surface treatment | | | Corrosion resistance (Blue fin) | |
| Compressor | | Type × Q'ty | | | | Rotary (inv) × 2 | |
| | | Displacement | | | kW | 65.3 × 2 | 79.2 + 65.3 |
| | | Motor output | | | kW | 7.5 × 2 | 11.0 + 7.5 |
| | | Crankcase heater | | | W | (35 × 2) × 2 | |
| Refrigerant | | Type (Global warming potential) | | | | R410A (2088) | |
| | | Charge | | | kg | 11.8 × 2 | |
| Refrigerant oil | | Type | | | | POE | |
| | | Amount | | | $cm^3$ | 3,000 × 2 | |
| Enclosure | | Material | | | | Painted galvanized steel | |
| | | Color | | | | Beige<br>Approximate color of Munsell 10YR 7.5/1.0NN | |
| Dimensions (H × W × D) | | Net | | | mm | (1,690 × 930 × 765) × 2 | 1,690 × 1,240 × 765<br>1,690 × 930 × 765 |
| | | Gross | | | | (1,811 × 1,002 × 847) × 2 | 1,811 × 1,312 × 847<br>1,811 × 1,002 × 847 |
| Weight | | Net | | | kg | 262 × 2 | 286 + 262 |
| | | Gross | | | | 285 × 2 | 311 + 285 |
| Connection pipe | | Pipe diameter | Liquid | | mm (in) | Ø 12.70 (Ø 1/2) | Ø 15.88 (Ø 5/8) |
| | | | Discharge gas | | | Ø 22.22 (Ø 7/8) | Ø 28.58 (Ø 1-1/8) |
| | | | Suction gas | | | Ø 28.58 (Ø 1-1/8) | Ø 34.92 (Ø 1-3/8) |
| | | Method | Liquid | | | Brazing | |
| | | | Discharge gas | | | Brazing | |
| | | | Suction gas | | | Brazing | |
| | | Max. length | | | m | 165 | |
| | | Max. height difference | | | | 50/40 (Outdoor unit: Higher/Lower) | |
| Operation temperature range | | Cooling | | | °CDB | -10 to 46 | |
| | | Heating | | | | -20 to 21 | |
| | | Cooling/Heating simultaneous | | | | -10 to 21 | |
| Defrost method | | | | | | Reversed cycle | |
| Connectable indoor units number | | | Maximum | | | 34 | 47 |
| | | | Minimum | | | 2 | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


OUTDOOR UNITS

| Nominal system capacity | | | | HP | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|
| Set model name | | | | | AJ✱216GALDHH | AJ✱234GALDHH | AJ✱252GALDHH | AJ✱270GALDHH |
| Model name | | | | | AJ✱072GALDH<br>AJ✱072GALDH<br>AJ✱072GALDH | AJ✱090GALDH<br>AJ✱072GALDH<br>AJ✱072GALDH | AJ✱090GALDH<br>AJ✱090GALDH<br>AJ✱072GALDH | AJ✱090GALDH<br>AJ✱090GALDH<br>AJ✱090GALDH |
| Power supply | | | | | 3N 400 V ~ 50 Hz | | | |
| Available voltage range | | | | | 342—456 V | | | |
| Capacity | | Cooling | | kW | 67.2 | 72.8 | 78.4 | 84.0 |
| | | | | Btu/h | 229,200 | 248,300 | 267,400 | 286,500 |
| | | Heating | Rated (Nominal) | kW | 67.2 | 72.8 | 78.4 | 84.0 |
| | | | | Btu/h | 229,200 | 248,300 | 267,400 | 286,500 |
| | | | Maximum | kW | 75.0 | 81.5 | 88.0 | 94.5 |
| | | | | Btu/h | 255,900 | 278,000 | 300,100 | 322,200 |
| Input power | | Cooling | | kW | 18.78 | 22.05 | 25.32 | 28.59 |
| | | Heating | Rated (Nominal) | | 16.11 | 18.12 | 20.13 | 22.14 |
| | | | Maximum | | 18.75 | 21.46 | 24.17 | 26.88 |
| EER | | Cooling | | W/W | 3.58 | 3.30 | 3.10 | 2.94 |
| COP | | Heating | Rated (Nominal) | | 4.17 | 4.02 | 3.89 | 3.79 |
| SEER | | Cooling | | kWh/kWh | 7.15 | 7.00 | 6.84 | 6.69 |
| SCOP | | Heating | | | 3.58 | 3.59 | 3.59 | 3.60 |
| Seasonal space energy efficiency | | Cooling (ηs.c) | | % | 283.0 | 276.9 | 270.7 | 264.6 |
| | | Heating (ηs.h) | | | 140.2 | 140.5 | 140.7 | 141.0 |
| Fan | Airflow rate | Cooling | Rated | $m^3/h$ (l/s) | 9,000 × 3 (2,500 × 3) | | | |
| | | Heating | | | | | | |
| | | Cooling | HIGH | | 11,100 × 3 (3,084 × 3) | | | |
| | | Heating | | | | | | |
| | External static pressure (Max.) | | | Pa | 80 | | | |
| | Type × Q'ty | | | | Propeller fan × 3 | | | |
| | Motor | Type × Q'ty | | | DC motor × 3 | | | |
| | | Motor output | | W | 750 × 3 | | | |
| Sound pressure level* | | Cooling | | dB (A) | 61 | 62 | | 63 |
| | | Heating | | | 63 | | | 64 |
| Sound power level | | Cooling | | dB (A) | 82 | | | 83 |
| | | Heating | | | 84 | | | |
| Heat exchanger type | | Length | | mm | 1,760 × 3 | | | |
| | | Fin pitch | | | 1.45 | | | |
| | | Rows × Stages | | | (3 × 60) × 3 | | | |
| | | Face area | | $m^2$ | 2.2 × 3 | | | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | | | |
| | | Fin | Type | | Corrugate (Aluminum) | | | |
| | | | Surface treatment | | Corrosion resistance (Blue fin) | | | |
| Compressor | | Type × Q'ty | | | Rotary (inv) × 3 | | | |
| | | Displacement | | $cm^3$ | 65.3 × 3 | | | |
| | | Motor output | | kW | 7.5 × 3 | | | |
| | | Crankcase heater | | W | (35 × 2) × 3 | | | |
| Refrigerant | | Type (Global warming potential) | | | R410A (2088) | | | |
| | | Charge | | kg | 11.8 × 3 | | | |
| Refrigerant oil | | Type | | | POE | | | |
| | | Amount | | $cm^3$ | 3,000 × 3 | | | |
| Enclosure | | Material | | | Painted galvanized steel | | | |
| | | Color | | | Beige<br>Approximate color of Munsell 10YR 7.5/1.0NN | | | |
| Dimensions (H × W × D) | | Net | | mm | (1,690 × 930 × 765) × 3 | | | |
| | | Gross | | | (1,811 × 1,002 × 847) × 3 | | | |
| Weight | | Net | | kg | 262 × 3 | | | |
| | | Gross | | | 285 × 3 | | | |
| Connection pipe | | Pipe diameter | Liquid | mm (in) | Ø 15.88 (Ø 5/8) | | | Ø 19.05 (Ø 3/4) |
| | | | Discharge gas | | Ø 28.58 (Ø 1-1/8) | | | |
| | | | Suction gas | | Ø 34.92 (Ø 1-3/8) | | | |
| | | Method | Liquid | | Brazing | | | |
| | | | Discharge gas | | Brazing | | | |
| | | | Suction gas | | Brazing | | | |
| | | Max. length | | m | 165 | | | |
| | | Max. height difference | | | 50/40 (Outdoor unit: Higher/Lower) | | | |
| Operation temperature range | | Cooling | | °CDB | -10 to 46 | | | |
| | | Heating | | | -20 to 21 | | | |
| | | Cooling/Heating simultaneous | | | -10 to 21 | | | |
| Defrost method | | | | | Reversed cycle | | | |
| Connectable indoor units number | | | Maximum | | 52 | 56 | 60 | 64 |
| | | | Minimum | | 2 | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

| Nominal system capacity | | | | HP | 32 | 34 | 36 | 38 |
|---|---|---|---|---|---|---|---|---|
| Set model name | | | | | AJ✱288GALDHH | AJ✱306GALDHH | AJ✱324GALDHH | AJ✱342GALDHH |
| Model name | | | | | AJ✱126GALDH<br>AJ✱090GALDH<br>AJ✱072GALDH | AJ✱126GALDH<br>AJ✱090GALDH<br>AJ✱090GALDH | AJ✱126GALDH<br>AJ✱126GALDH<br>AJ✱072GALDH | AJ✱126GALDH<br>AJ✱126GALDH<br>AJ✱090GALDH |
| Power supply | | | | | 3N 400 V ~ 50 Hz | | | |
| Available voltage range | | | | | 342—456 V | | | |
| Capacity | | Cooling | | kW | 90.4 | 96.0 | 102.4 | 108.0 |
| | | | | Btu/h | 308,300 | 327,400 | 349,200 | 368,300 |
| | | Heating | Rated (Nominal) | kW | 90.4 | 96.0 | 102.4 | 108.0 |
| | | | | Btu/h | 308,300 | 327,400 | 349,200 | 368,300 |
| | | | Maximum | kW | 101.5 | 108.0 | 115.0 | 121.5 |
| | | | | Btu/h | 346,200 | 368,300 | 392,300 | 414,400 |
| Input power | | Cooling | | kW | 28.95 | 32.22 | 32.58 | 35.85 |
| | | Heating | Rated (Nominal) | | 23.55 | 25.56 | 26.97 | 28.98 |
| | | | Maximum | | 29.16 | 31.87 | 34.15 | 36.86 |
| EER | | Cooling | | W/W | 3.12 | 2.98 | 3.14 | 3.01 |
| COP | | Heating | Rated (Nominal) | | 3.84 | 3.76 | 3.80 | 3.73 |
| SEER | | Cooling | | kWh/kWh | 6.90 | 6.75 | 6.96 | 6.81 |
| SCOP | | Heating | | | 3.72 | 3.73 | 3.85 | 3.86 |
| Seasonal space energy efficiency | | Cooling (ηs.c) | | % | 273.1 | 267.0 | 275.5 | 269.4 |
| | | Heating (ηs.h) | | | 145.9 | 146.2 | 151.1 | 151.4 |
| Fan | Airflow rate | Cooling | Rated | $m^3/h$ (l/s) | 13,000 + 9,000 × 2 (3,611 + 2,500 × 2) | | 13,000 × 2 + 9,000 (3,611 × 2 + 2,500) | |
| | | Heating | | | | | | |
| | | Cooling | HIGH | | 13,000 + 11,100 × 2 (3,611 + 3,084 × 2) | | 13,000 × 2 + 11,100 (3,611 × 2 + 3,084) | |
| | | Heating | | | | | | |
| | External static pressure (Max.) | | | Pa | 80 | | | |
| | Type × Q'ty | | | | Propeller fan × 3 | | | |
| | Motor | Type × Q'ty | | | DC motor × 3 | | | |
| | | Motor output | | W | 750 × 3 | | | |
| Sound pressure level* | | Cooling | | dB (A) | 63 | 64 | | |
| | | Heating | | | 65 | | 66 | |
| Sound power level | | Cooling | | dB (A) | 84 | 85 | 86 | |
| | | Heating | | | 86 | | 87 | |
| Heat exchanger type | | Length | | mm | 2,070 + 1,760 × 2 | | 2,070 × 2 + 1,760 | |
| | | Fin pitch | | | 1.45 | | | |
| | | Rows × Stages | | | (3 × 60) × 3 | | | |
| | | Face area | | $m^2$ | 2.6 + 2.2 × 2 | | 2.6 × 2 + 2.2 | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | | | |
| | | Fin | Type | | Corrugate (Aluminum) | | | |
| | | | Surface treatment | | Corrosion resistance (Blue fin) | | | |
| Compressor | | Type × Q'ty | | | Rotary (inv) × 3 | | | |
| | | Displacement | | $cm^3$ | 79.2 + 65.3 × 2 | | 79.2 × 2 + 65.3 | |
| | | Motor output | | kW | 11.0 + 7.5 × 2 | | 11.0 × 2 + 7.5 | |
| | | Crankcase heater | | W | (35 × 2) × 3 | | | |
| Refrigerant | | Type (Global warming potential) | | | R410A (2088) | | | |
| | | Charge | | kg | 11.8 × 3 | | | |
| Refrigerant oil | | Type | | | POE | | | |
| | | Amount | | $cm^3$ | 3,000 × 3 | | | |
| Enclosure | | Material | | | Painted galvanized steel | | | |
| | | Color | | | Beige<br>Approximate color of Munsell 10YR 7.5/1.0NN | | | |
| Dimensions (H × W × D) | | Net | | mm | 1,690 × 1,240 × 765<br>(1,690 × 930 × 765) × 2 | | (1,690 × 1,240 × 765) × 2<br>1,690 × 930 × 765 | |
| | | Gross | | | 1,811 × 1,312 × 847<br>(1,811 × 1,002 × 847) × 2 | | (1,811 × 1,312 × 847) × 2<br>1,811 × 1,002 × 847 | |
| Weight | | Net | | kg | 286 + 262 × 2 | | 286 × 2 + 262 | |
| | | Gross | | | 311 + 285 × 2 | | 311 × 2 + 285 | |
| Connection pipe | | Pipe diameter | Liquid | mm (in) | Ø 19.05 (Ø 3/4) | | | |
| | | | Discharge gas | | Ø 28.58 (Ø 1-1/8) | | | Ø 34.92 (Ø 1-3/8) |
| | | | Suction gas | | Ø 34.92 (Ø 1-3/8) | | Ø 41.27 (Ø 1-5/8) | |
| | | Method | Liquid | | Brazing | | | |
| | | | Discharge gas | | Brazing | | | |
| | | | Suction gas | | Brazing | | | |
| | | Max. length | | m | 165 | | | |
| | | Max. height difference | | | 50/40 (Outdoor unit: Higher/Lower) | | | |
| Operation temperature range | | Cooling | | °CDB | -10 to 46 | | | |
| | | Heating | | | -20 to 21 | | | |
| | | Cooling/Heating simultaneous | | | -10 to 21 | | | |
| Defrost method | | | | | Reversed cycle | | | |
| Connectable indoor units number | | | Maximum | | 64 | | | |
| | | | Minimum | | 2 | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

OUTDOOR UNITS

| Nominal system capacity | | | | | HP | 40 | 42 | 44 |
|---|---|---|---|---|---|---|---|---|
| Set model name | | | | | | AJ✱360GALDHH | AJ✱378GALDHH | AJ✱396GALDHH |
| Model name | | | | | | AJ✱144GALDH<br>AJ✱126GALDH<br>AJ✱090GALDH | AJ✱126GALDH<br>AJ✱126GALDH<br>AJ✱126GALDH | AJ✱144GALDH<br>AJ✱126GALDH<br>AJ✱126GALDH |
| Power supply | | | | | | 3N 400 V ~ 50 Hz | | |
| Available voltage range | | | | | | 342—456 V | | |
| Capacity | | Cooling | | | kW | 113.0 | 120.0 | 125.0 |
| | | | | | Btu/h | 385,400 | 409,200 | 426,300 |
| | | Heating | Rated (Nominal) | | kW | 110.0 | 120.0 | 122.0 |
| | | | | | Btu/h | 375,200 | 409,200 | 416,100 |
| | | | Maximum | | kW | 124.5 | 135.0 | 138.0 |
| | | | | | Btu/h | 424,600 | 460,500 | 470,700 |
| Input power | | Cooling | | | kW | 39.40 | 39.48 | 43.03 |
| | | Heating | Rated (Nominal) | | | 29.99 | 32.40 | 33.41 |
| | | | Maximum | | | 37.89 | 41.85 | 42.88 |
| EER | | Cooling | | | W/W | 2.87 | 3.04 | 2.90 |
| COP | | Heating | Rated (Nominal) | | | 3.67 | 3.70 | 3.65 |
| SEER | | Cooling | | | kWh/kWh | 6.63 | 6.87 | 6.69 |
| SCOP | | Heating | | | | 3.89 | 3.99 | 4.02 |
| Seasonal space energy efficiency | | Cooling (ηs.c) | | | % | 262.2 | 271.8 | 264.6 |
| | | Heating (ηs.h) | | | | 152.5 | 156.6 | 157.7 |
| Fan | Airflow rate | Cooling | Rated | | $m^3/h$ (l/s) | 13,000 × 2 + 9,000<br>(3,611 × 2 + 2,500) | 13,000 × 3 (3,611 × 3) | |
| | | Heating | | | | | | |
| | | Cooling | HIGH | | | 13,000 × 2 + 11,100<br>(3,611 × 2 + 3,084) | 13,000 × 3 (3,611 × 3) | |
| | | Heating | | | | | | |
| | External static pressure (Max.) | | | | Pa | 80 | | |
| | Type × Q'ty | | | | | Propeller fan × 3 | | |
| | Motor | Type × Q'ty | | | | DC motor × 3 | | |
| | | Motor output | | | W | 750 × 3 | | |
| Sound pressure level* | | Cooling | | | dB (A) | 65 | | |
| | | Heating | | | | 66 | 67 | |
| Sound power level | | Cooling | | | dB (A) | 86 | 87 | |
| | | Heating | | | | 87 | 88 | |
| Heat exchanger type | | Length | | | mm | 2,070 × 2 + 1,760 | 2,070 × 3 | |
| | | Fin pitch | | | | 1.45 | | |
| | | Rows × Stages | | | | (3 × 60) × 3 | | |
| | | Face area | | | $m^2$ | 2.6 × 2 + 2.2 | 2.6 × 3 | |
| | | Pipe type (Material) | | | | Grooved H-pin (Copper) | | |
| | | Fin | Type | | | Corrugate (Aluminum) | | |
| | | | Surface treatment | | | Corrosion resistance (Blue fin) | | |
| Compressor | | Type × Q'ty | | | | Rotary (inv) × 3 | | |
| | | Displacement | | | $cm^3$ | 79.2 × 2 + 65.3 | 79.2 × 3 | |
| | | Motor output | | | kW | 11.0 × 2 + 7.5 | 11.0 × 3 | |
| | | Crankcase heater | | | W | (35 × 2) × 3 | | |
| Refrigerant | | Type (Global warming potential) | | | | R410A (2088) | | |
| | | Charge | | | kg | 11.8 × 3 | | |
| Refrigerant oil | | Type | | | | POE | | |
| | | Amount | | | $cm^3$ | 3,000 × 3 | | |
| Enclosure | | Material | | | | Painted galvanized steel | | |
| | | Color | | | | Beige<br>Approximate color of Munsell 10YR 7.5/1.0NN | | |
| Dimensions<br>(H × W × D) | | Net | | | mm | (1,690 × 1,240 × 765) × 2<br>1,690 × 930 × 765 | (1,690 × 1,240 × 765) × 3 | |
| | | Gross | | | | (1,811 × 1,312 × 847) × 2<br>1,811 × 1,002 × 847 | (1,811 × 1,312 × 847) × 3 | |
| Weight | | Net | | | kg | 286 × 2 + 262 | 286 × 3 | |
| | | Gross | | | | 311 × 2 + 285 | 311 × 3 | |
| Connection pipe | | Pipe diameter | Liquid | | mm (in) | Ø 19.05 (Ø 3/4) | | |
| | | | Discharge gas | | | Ø 34.92 (Ø 1-3/8) | | |
| | | | Suction gas | | | Ø 41.27 (Ø 1-5/8) | | |
| | | Method | Liquid | | | Brazing | | |
| | | | Discharge gas | | | Brazing | | |
| | | | Suction gas | | | Brazing | | |
| | | Max. length | | | m | 165 | | |
| | | Max. height difference | | | | 50/40 (Outdoor unit: Higher/Lower) | | |
| Operation temperature range | | Cooling | | | °CDB | -10 to 46 | | |
| | | Heating | | | | -20 to 21 | | |
| | | Cooling/Heating simultaneous | | | | -10 to 21 | | |
| Defrost method | | | | | | Reversed cycle | | |
| Connectable indoor units number | | | | Maximum | | 64 | | |
| | | | | Minimum | | 2 | | |

**NOTES:**

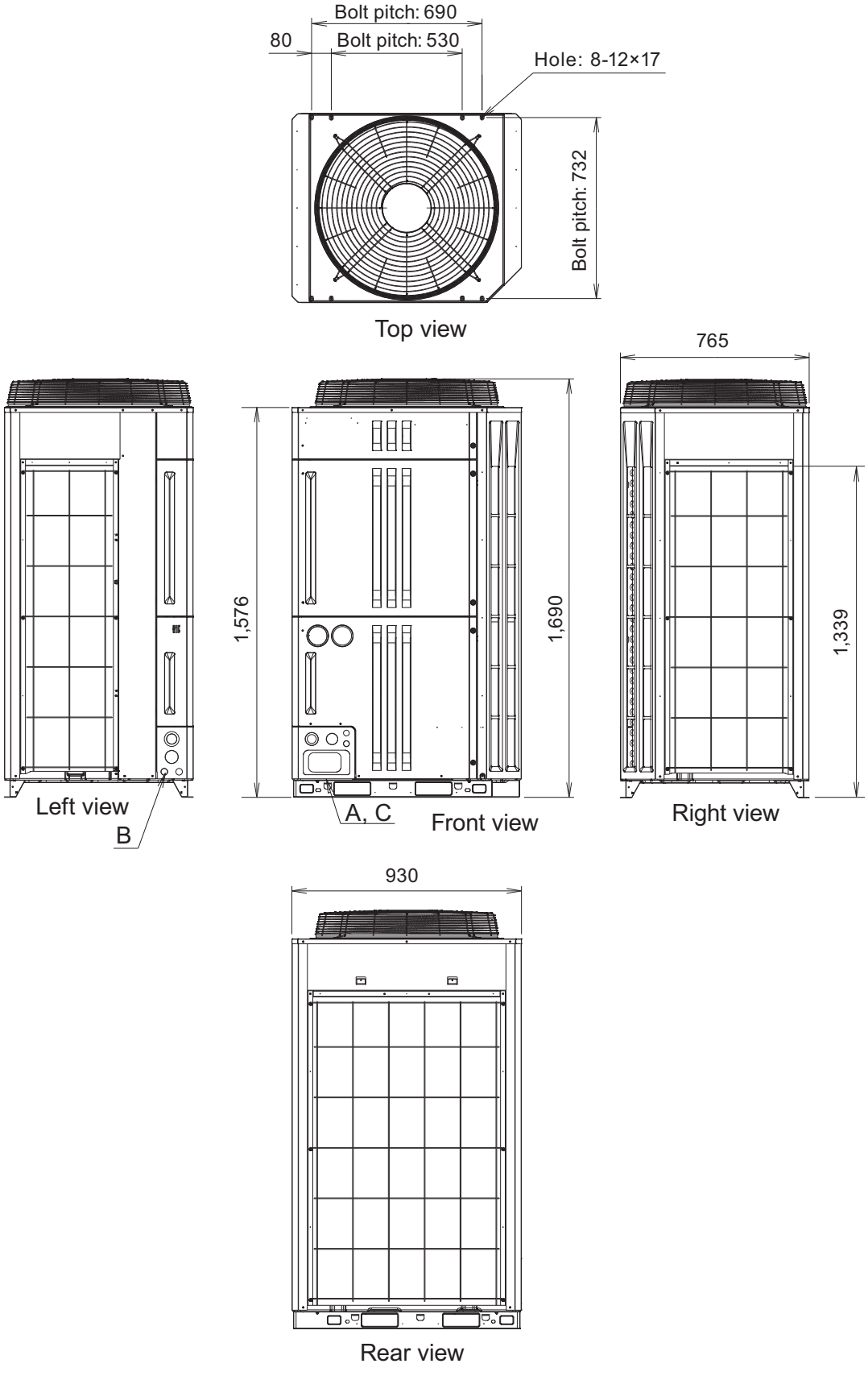
- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

# 3. Dimensions

## 3-1. Stand-alone

### ■ Models: AJ∗072GALDH, AJ∗090GALDH, and AJ∗108GALDH

Unit: mm





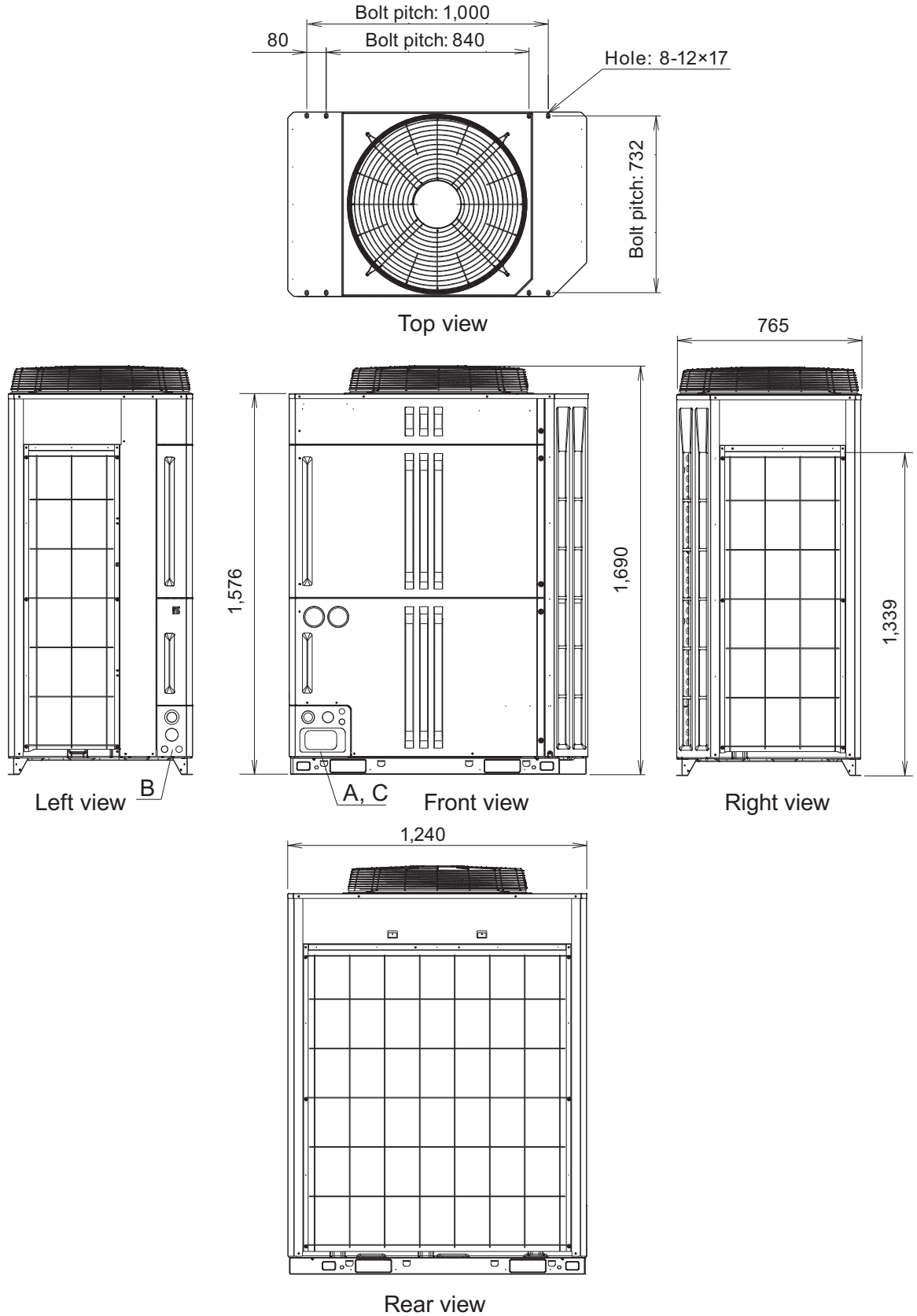
OUTDOOR UNITS

# ■ Models: AJ∗126GALDH and AJ∗144GALDH

Unit: mm



OUTDOOR UNITS

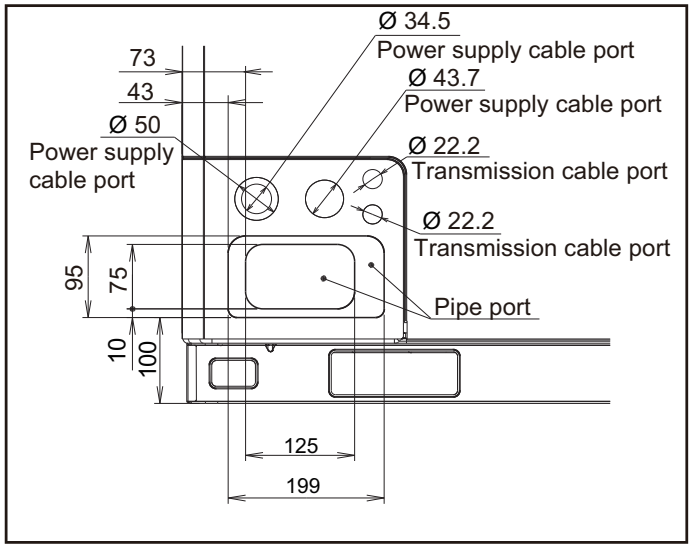


# ■ Knockout hole position

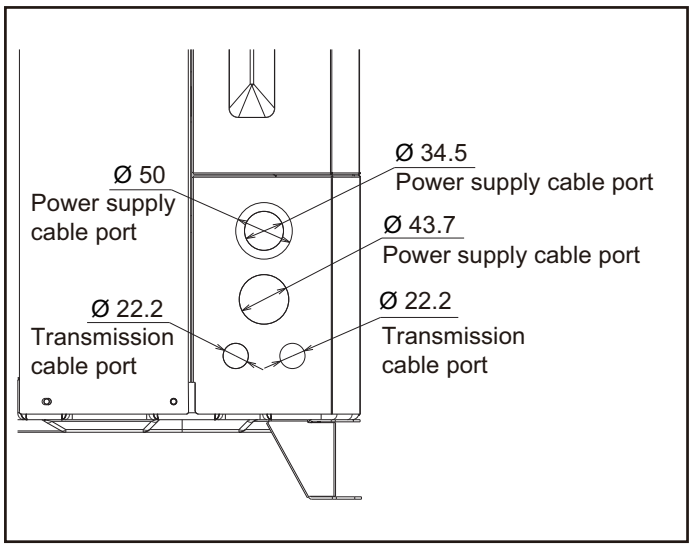
Unit: mm



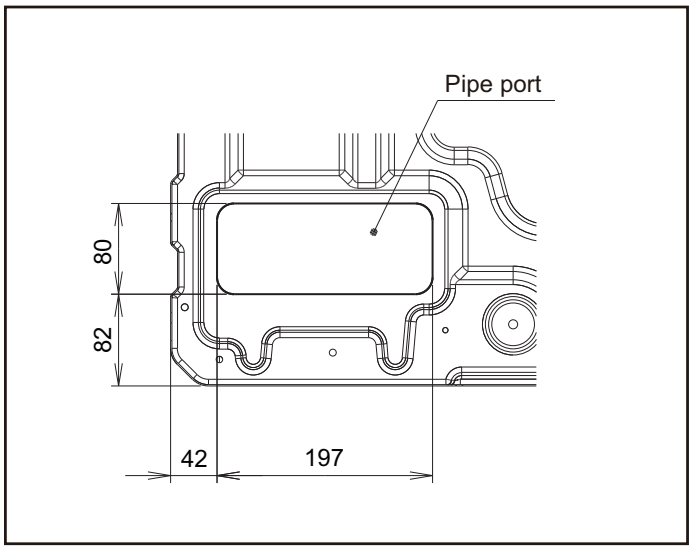
OUTDOOR UNITS




Detail A: Front view



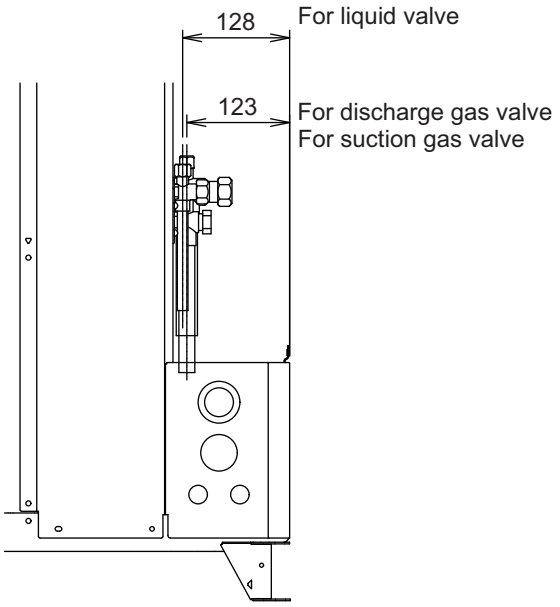

Detail B: Left view



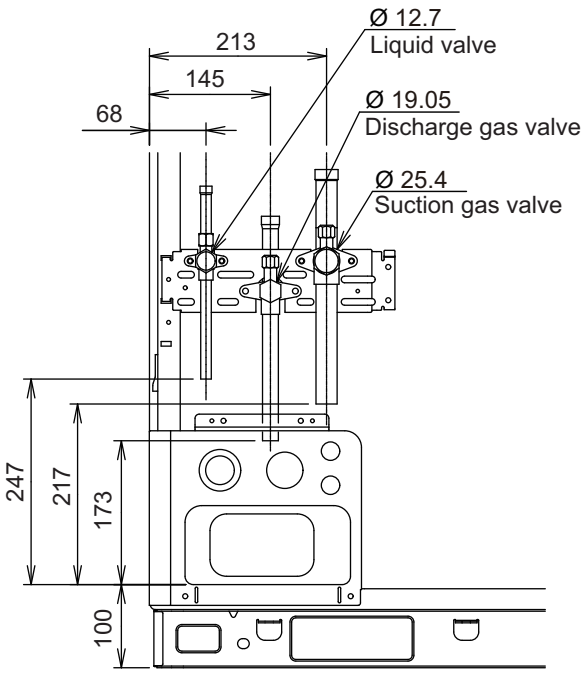

Detail C: Top view

# ■ Valve position

Unit: mm




Left view




Front view

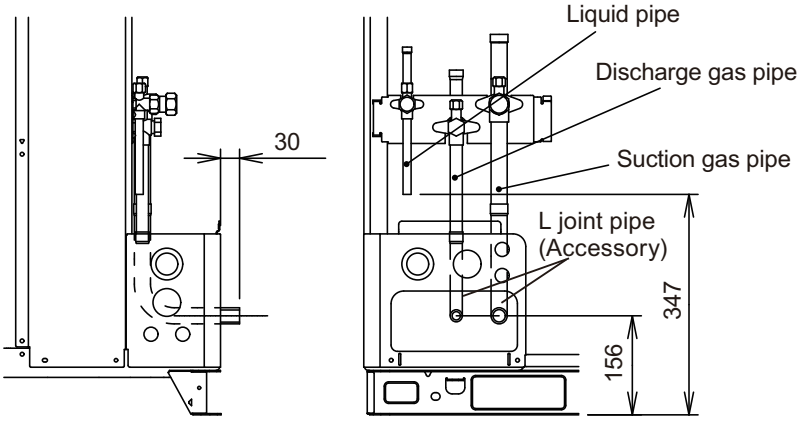


OUTDOOR UNITS

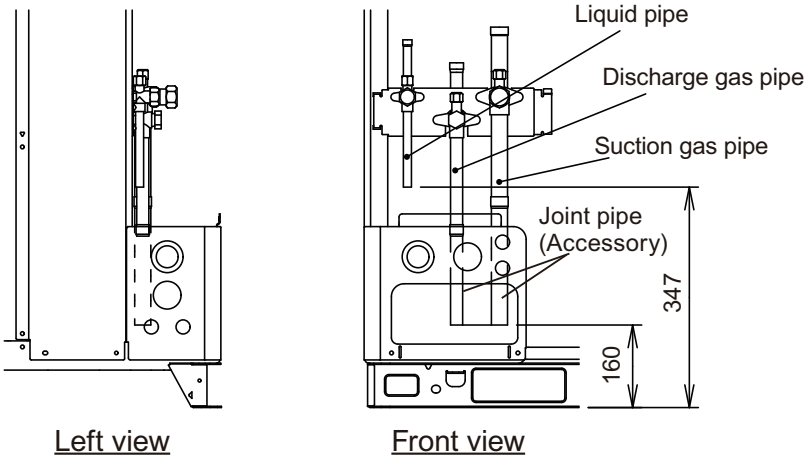
# ■ Accessory pipe

Unit: mm

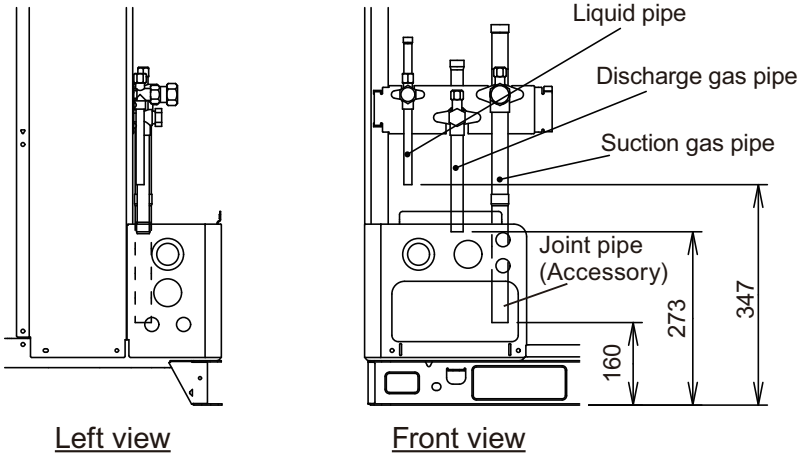
- **Front piping**




- **Bottom piping**
  - **Models: AJ∗090GALDH, AJ∗108GALDH, AJ∗126GALDH, and AJ∗144GALDH**




  - **Model: AJ∗072GALDH**

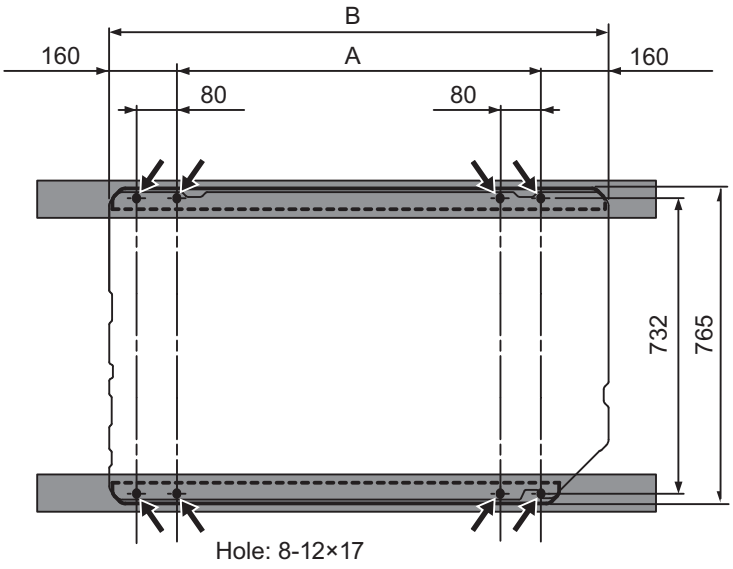




OUTDOOR UNITS

# ■ Installation (Foundation)

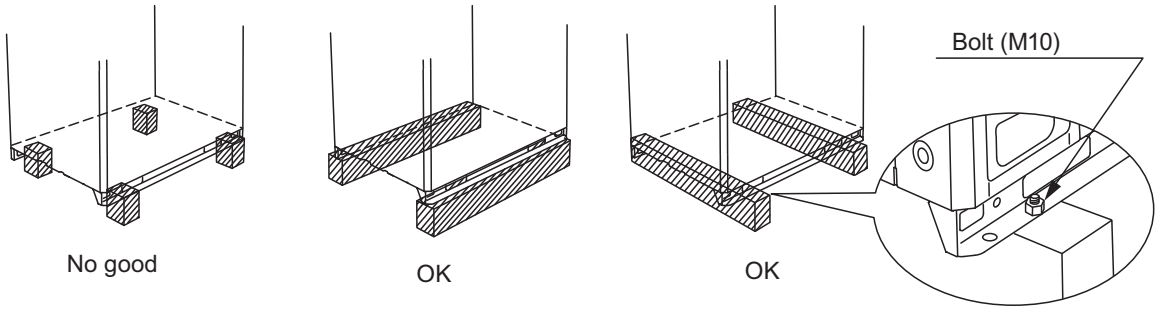
Unit: mm



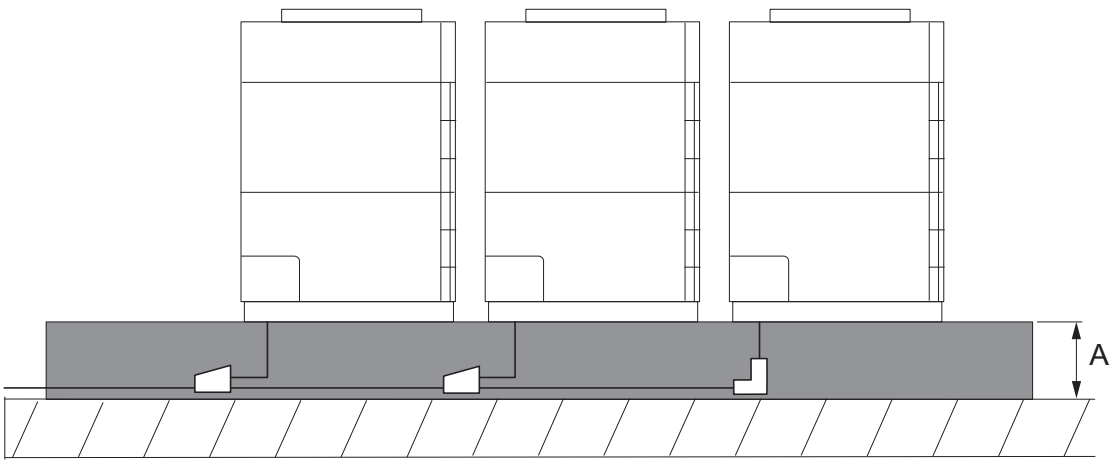

Bottom view

| Model name | A | B |
|---|---|---|
| AJ∗072GALDH | 610 | 930 |
| AJ∗090GALDH | | |
| AJ∗108GALDH | | |
| AJ∗126GALDH | 920 | 1,240 |
| AJ∗144GALDH | | |

- **Installation example**




**NOTE:** Do not use a four-corner support foundation.




A: More than 200.

When installing pipe from the bottom of the outdoor units, the required space under the outdoor unit ≥ 200.

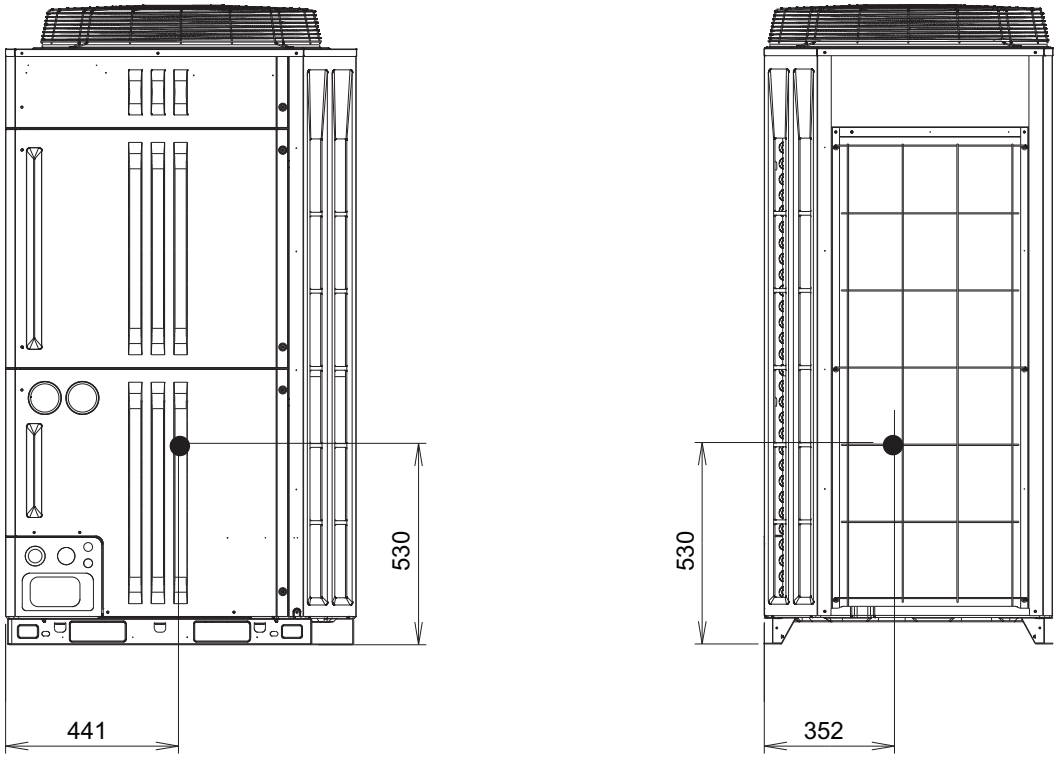
# ■ Center of gravity position

Unit: mm



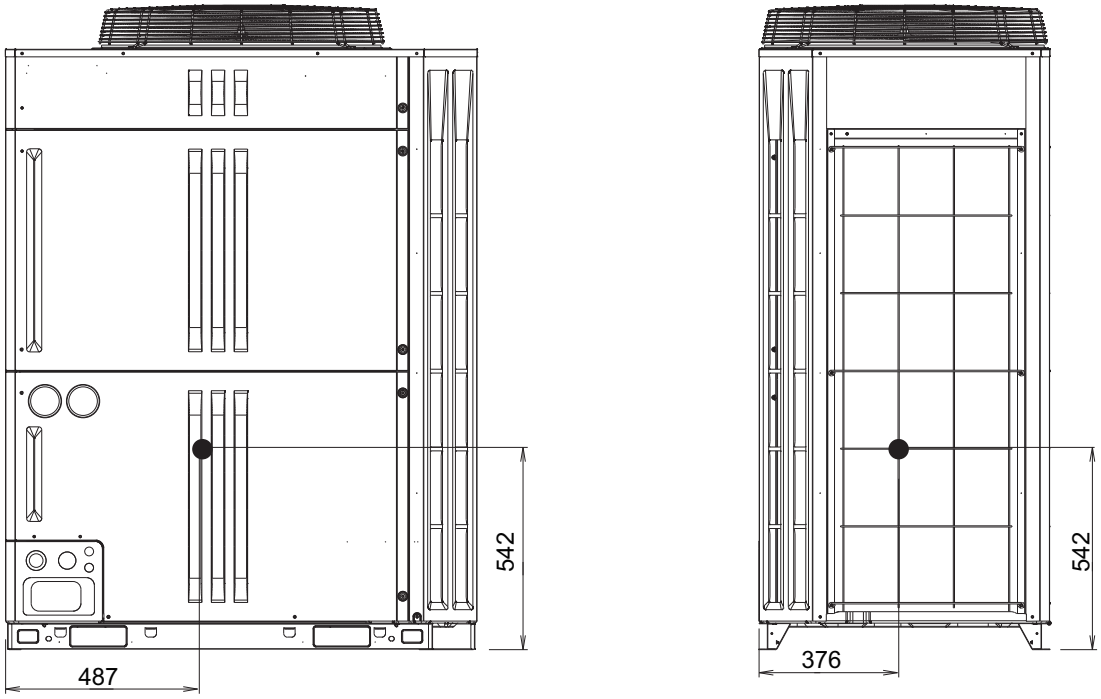
OUTDOOR UNITS

- **Models: AJ∗072GALDH, AJ∗090GALDH, and AJ∗108GALDH**




●: Center of gravity

- **Models: AJ∗126GALDH and AJ∗144GALDH**

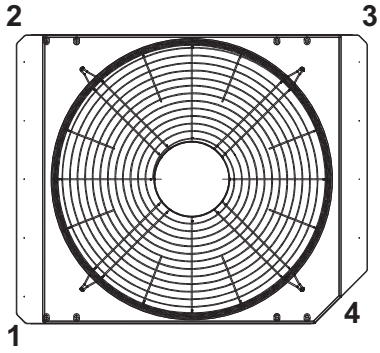



●: Center of gravity

# ■ Corner weights

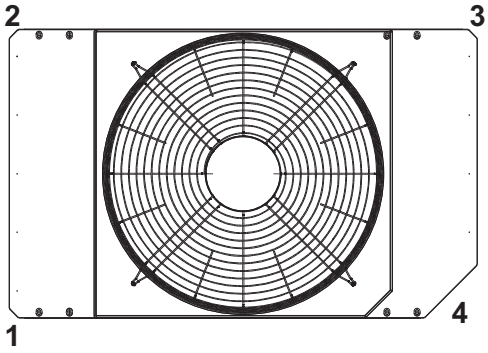
Unit: kg

- **Models: AJ∗072GALDH, AJ∗090GALDH, and AJ∗108GALDH**




| 1 | 2 | 3 | 4 | Total |
|---|---|---|---|---|
| 72 | 67 | 64 | 68 | 271 |

- **Models: AJ∗126GALDH and AJ∗144GALDH**




| 1 | 2 | 3 | 4 | Total |
|---|---|---|---|---|
| 84 | 83 | 61 | 62 | 290 |


OUTDOOR UNITS

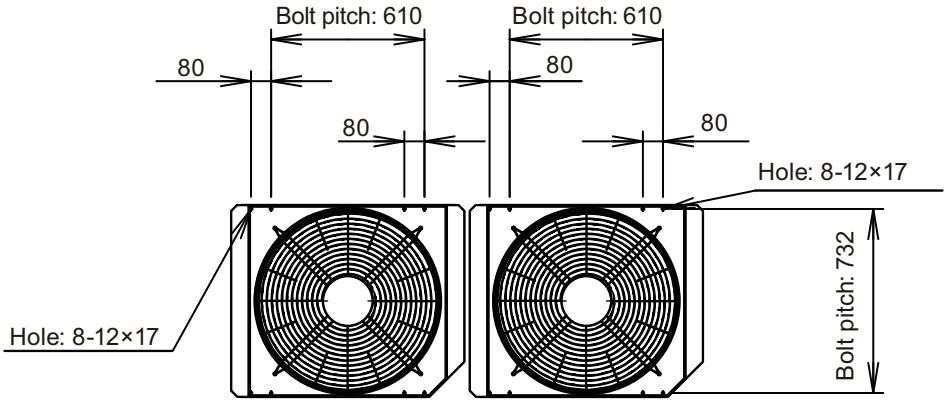
# 3-2. Combination

Unit: mm

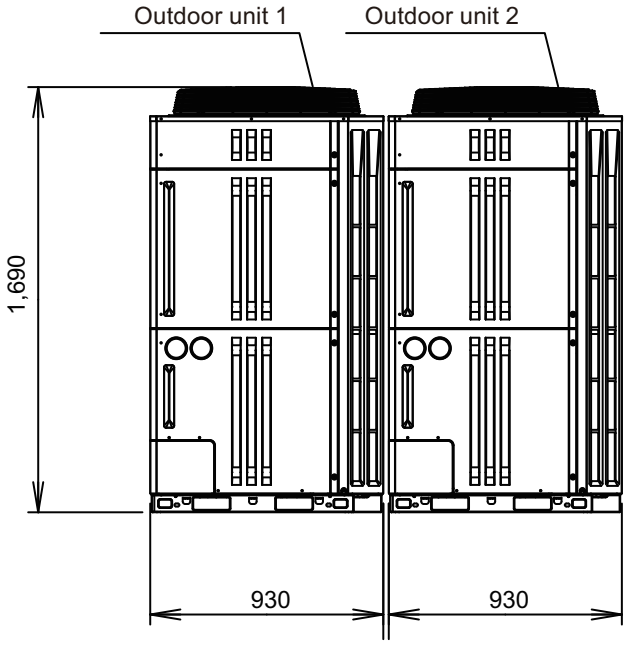
| Combination | Set model name | Outdoor unit 1 | Outdoor unit 2 |
|---|---|---|---|
| Space saving | AJ∗162GALDH (18HP) | 10HP | 8HP |
| Space saving | AJ∗180GALDH (20HP) | 10HP | 10HP |
| Space saving | AJ∗198GALDH (22HP) | 12HP | 10HP |
| Space saving | AJ∗216GALDH (24HP) | 12HP | 12HP |
| Energy efficiency | AJ∗144GALDHH (16HP) | 8HP | 8HP |



OUTDOOR UNITS



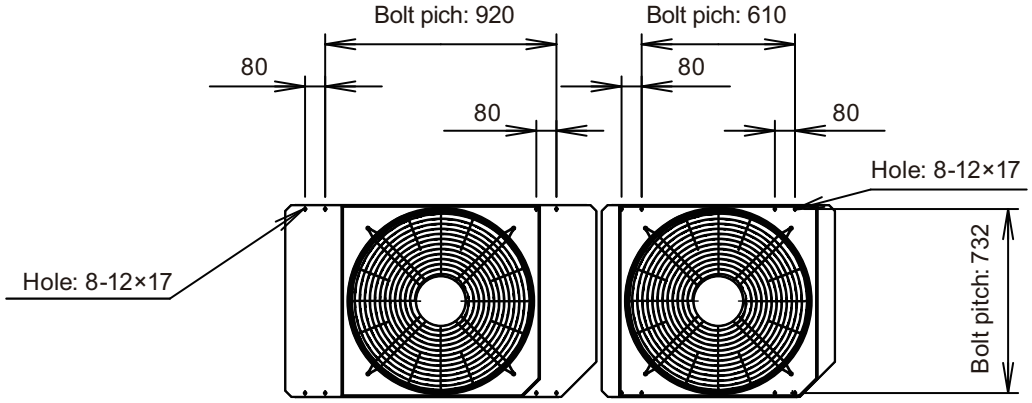

Top view



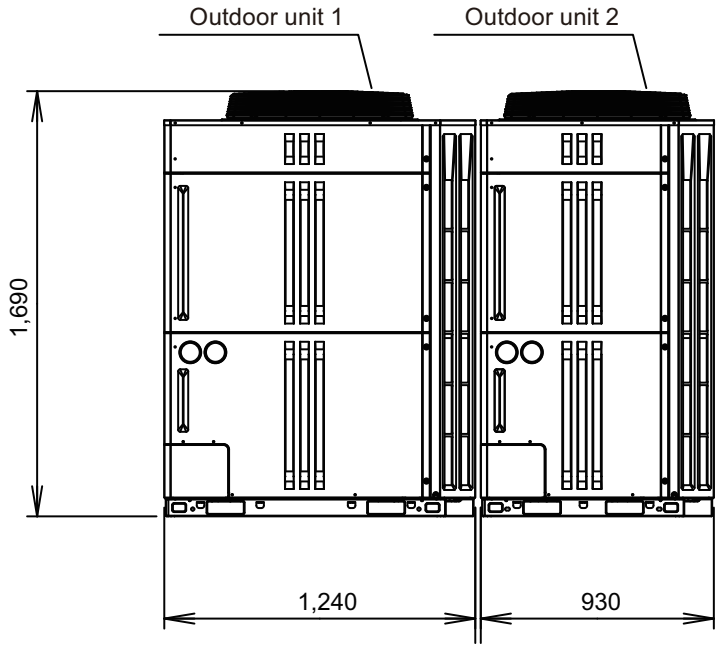

Front view

Unit: mm

| Combination | Set model name | Outdoor unit 1 | Outdoor unit 2 |
|---|---|---|---|
| Space saving | AJ∗234GALDH (26HP) | 16HP | 10HP |
| Space saving | AJ∗252GALDH (28HP) | 16HP | 12HP |
| Energy efficiency | AJ∗198GALDHH (22HP) | 14HP | 8HP |



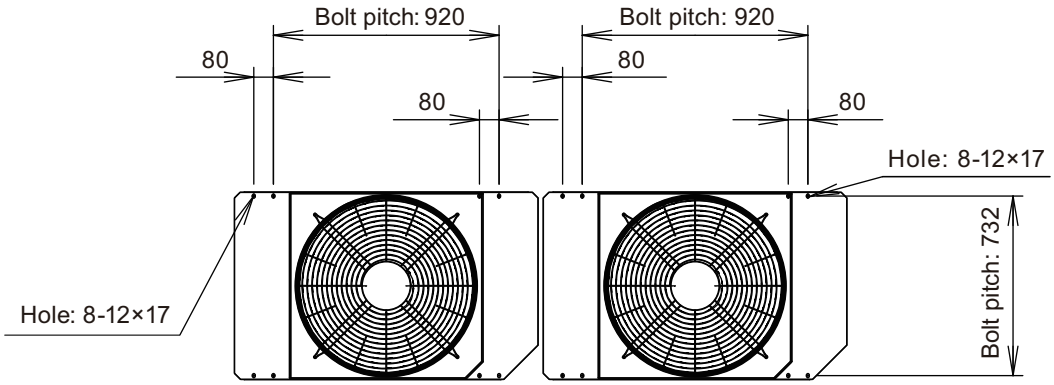

Top view



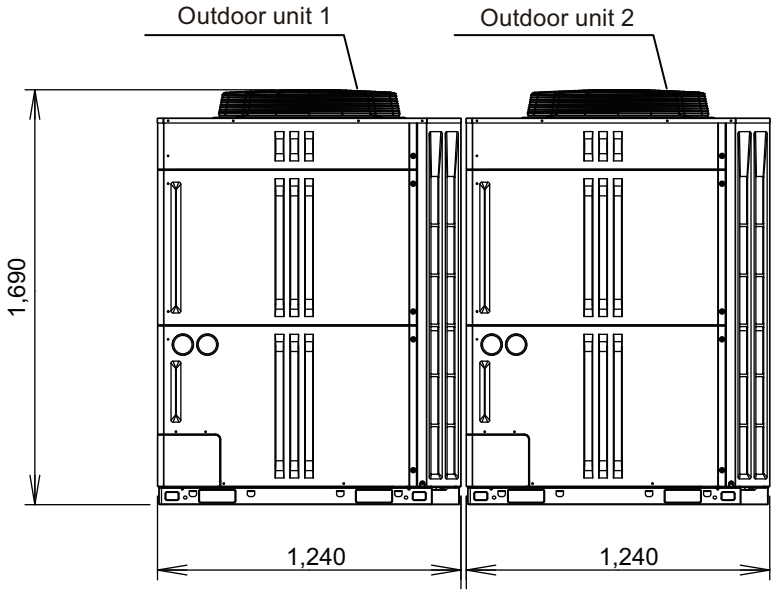

Front view

Unit: mm

| Combination | Set model name | Outdoor unit 1 | Outdoor unit 2 |
|---|---|---|---|
| Space saving | AJ∗270GALDH (30HP) | 16HP | 14HP |
| Space saving | AJ∗288GALDH (32HP) | 16HP | 16HP |



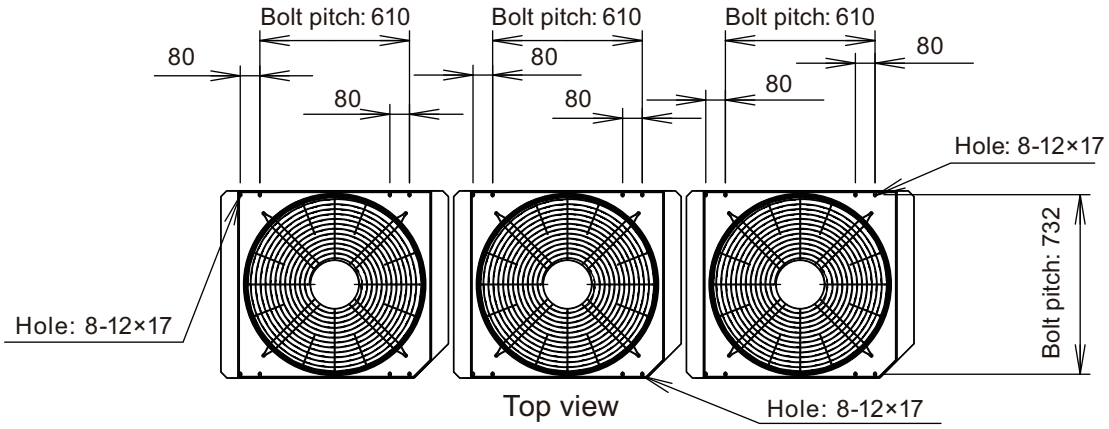

Top view



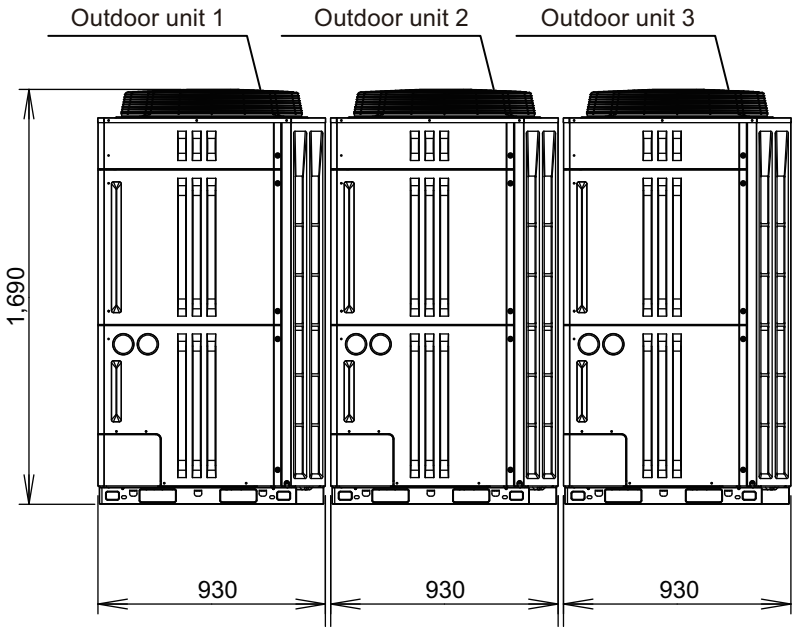

Front view

Unit: mm

| Combination | Set model name | Outdoor unit 1 | Outdoor unit 2 | Outdoor unit 3 |
|---|---|---|---|---|
| Space saving | AJ∗306GALDH (34HP) | 12HP | 12HP | 10HP |
| Space saving | AJ∗324GALDH (36HP) | 12HP | 12HP | 12HP |
| Energy efficiency | AJ∗216GALDHH (24HP) | 8HP | 8HP | 8HP |
| Energy efficiency | AJ∗234GALDHH (26HP) | 10HP | 8HP | 8HP |
| Energy efficiency | AJ∗252GALDHH (28HP) | 10HP | 10HP | 8HP |
| Energy efficiency | AJ∗270GALDHH (30HP) | 10HP | 10HP | 10HP |




Top view

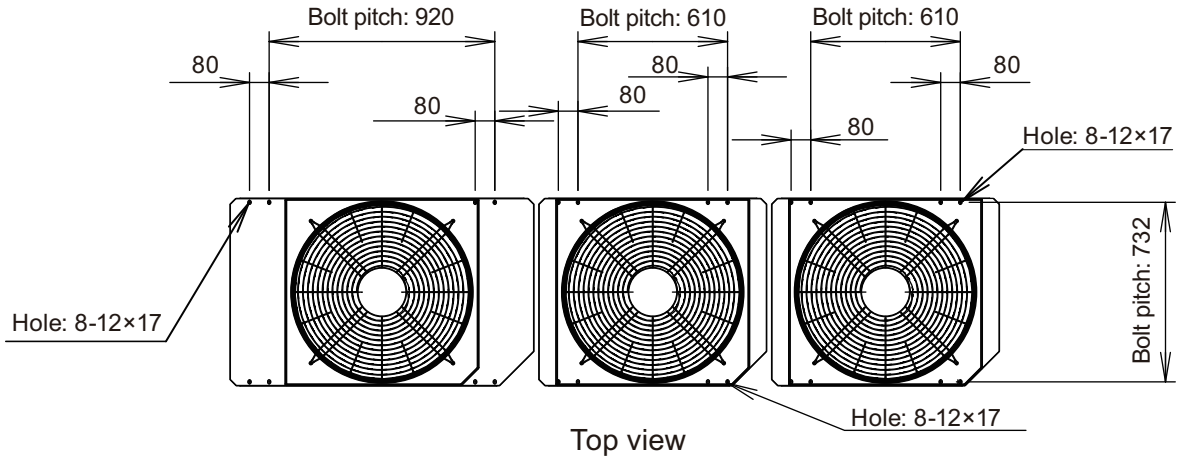



Front view

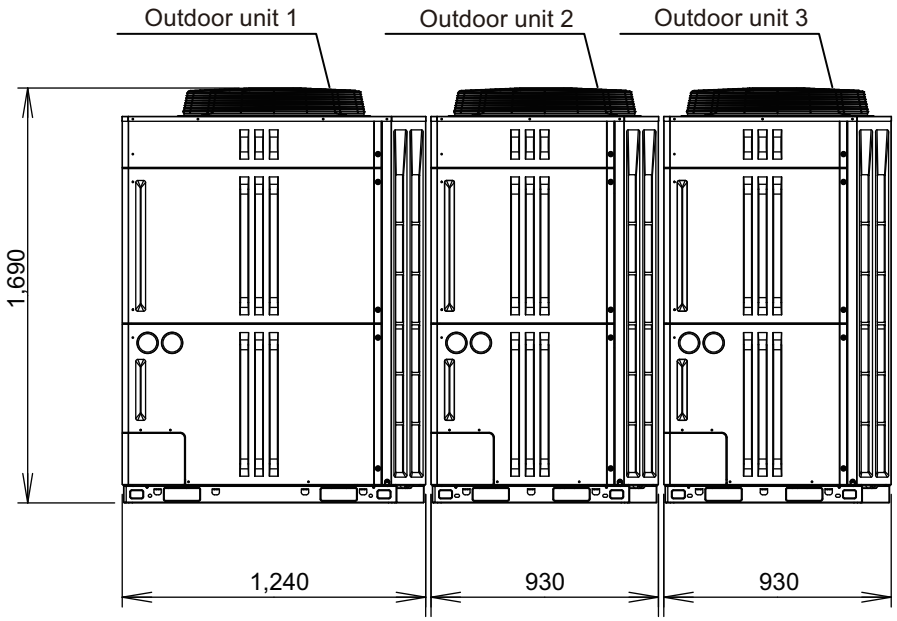
OUTDOOR UNITS

Unit: mm

| Combination | Set model name | Outdoor unit 1 | Outdoor unit 2 | Outdoor unit 3 |
|---|---|---|---|---|
| Space saving | AJ∗342GALDH (38HP) | 16HP | 12HP | 10HP |
| Space saving | AJ∗360GALDH (40HP) | 16HP | 12HP | 12HP |
| Energy efficiency | AJ∗288GALDHH (32HP) | 14HP | 10HP | 8HP |
| Energy efficiency | AJ∗306GALDHH (34HP) | 14HP | 10HP | 10HP |



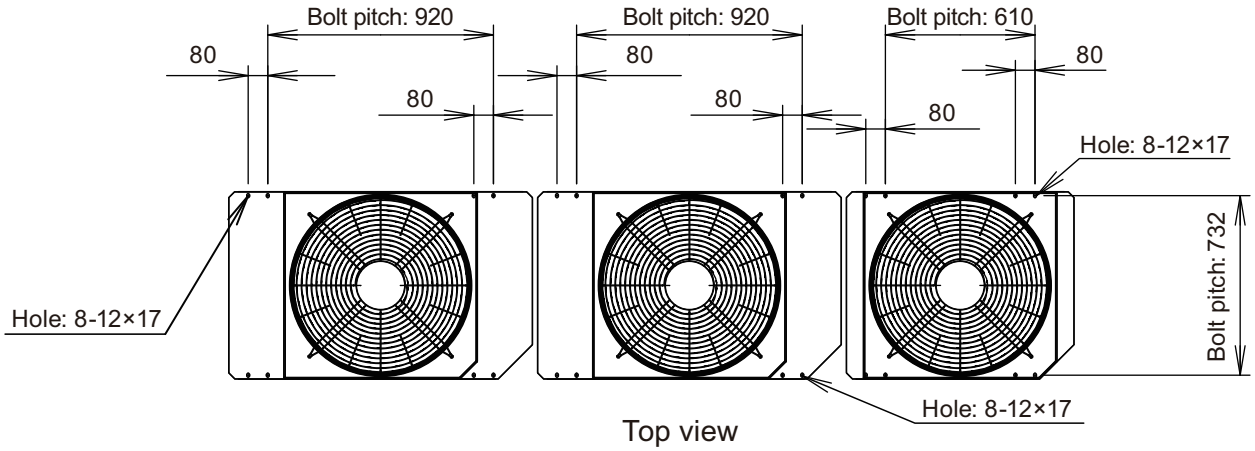

Top view



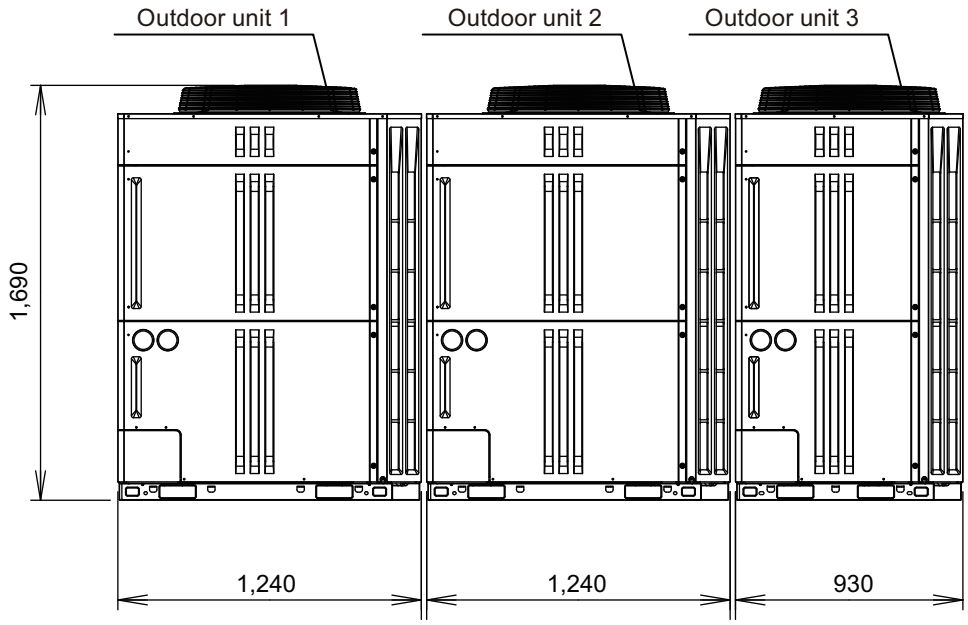

Front view

Unit: mm

| Combination | Set model name | Outdoor unit 1 | Outdoor unit 2 | Outdoor unit 3 |
|---|---|---|---|---|
| Space saving | AJ∗378GALDH (42HP) | 16HP | 16HP | 10HP |
| Space saving | AJ∗396GALDH (44HP) | 16HP | 16HP | 12HP |
| Energy efficiency | AJ∗324GALDHH (36HP) | 14HP | 14HP | 8HP |
| Energy efficiency | AJ∗342GALDHH (38HP) | 14HP | 14HP | 10HP |
| Energy efficiency | AJ∗360GALDHH (40HP) | 16HP | 14HP | 10HP |



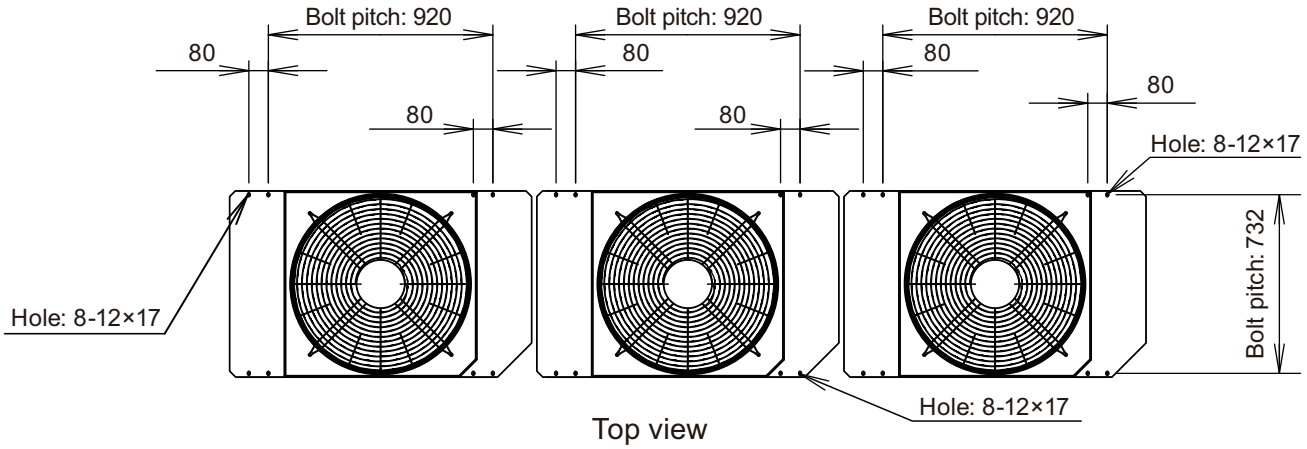

Top view



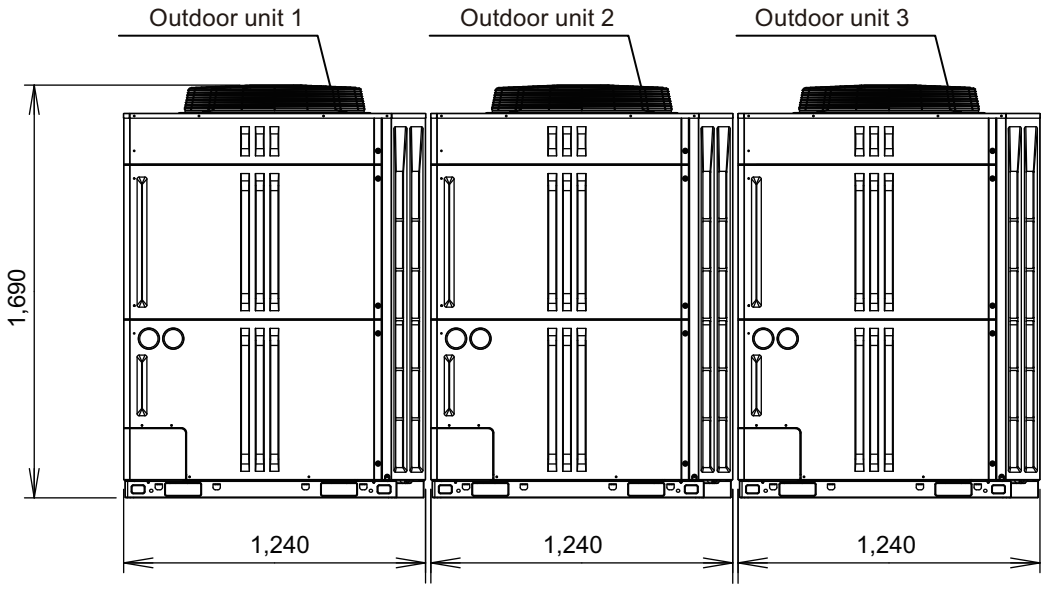

Front view

Unit: mm

| Combination | Set model name | Outdoor unit 1 | Outdoor unit 2 | Outdoor unit 3 |
|---|---|---|---|---|
| Space saving | AJ∗414GALDH (46HP) | 16HP | 16HP | 14HP |
| Space saving | AJ∗432GALDH (48HP) | 16HP | 16HP | 16HP |
| Energy efficiency | AJ∗378GALDHH (42HP) | 14HP | 14HP | 14HP |
| Energy efficiency | AJ∗396GALDHH (44HP) | 16HP | 14HP | 14HP |




Top view




Front view

# 4. Installation space

**⚠ CAUTION**

When installing the outdoor unit, pay attention to the following items.

- To prevent shut down due to discharge air short circuiting, reduction in capacity, and high pressure protection, refer to the installation space requirements shown in the following diagrams to provide sufficient space.
- Provide sufficient space to allow for rigging and setting of unit, installation, maintenance, and access.
- Do not obstruct discharge airflow. Provide discharge duct if required for proper air discharge.
- If there is a wall in front of the unit, provide 500 mm or more clearance for maintenance.
- If there is a wall on the left side of the unit, provide 30 mm or more clearance for maintenance.
- An outdoor temperature of 35°CDB in air-conditioned operation is assumed for the installation space in this item. If the outdoor temperature exceeds 35°CDB and the outdoor unit is operating at a load exceeding its rated ability, provide a larger inlet space.


OUTDOOR UNITS

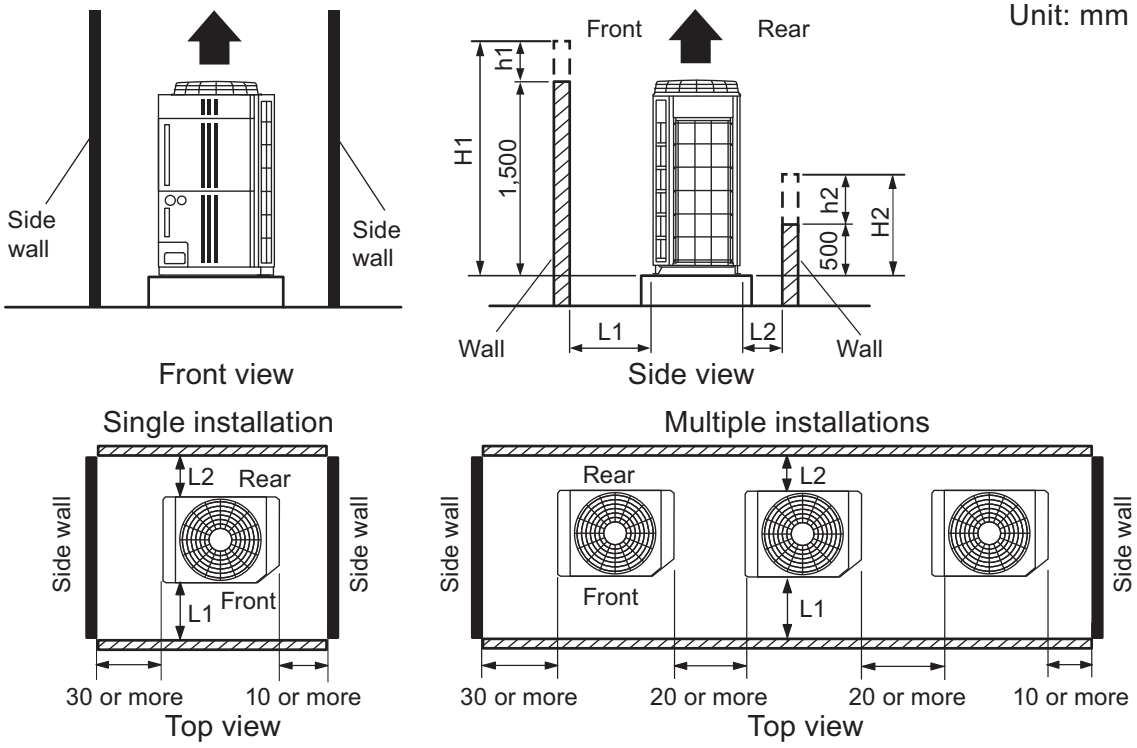
## 4-1. When installing in front of height-restricted wall

### ■ Single and multiple installations

- There are no restrictions on the height of the side wall.
- Provide installation spaces L1 and L2 in accordance with the table below according to the wall height (front side and rear side) conditions.
- Provide installation spaces other than L1 and L2 in accordance with the conditions shown in the figure bellow.
- Airflow resistance can be ignored when the distance from a wall or other equipment is more than 2 m.

| Wall height condition (mm) | Installation requirement (mm) |
|---|---|
| When H1 is 1,500 or less | L1 ≥ 500 |
| When H1 is 1,500 or more | L1 ≥ 500 + h1/2 |
| When H2 is 500 or less | L2 ≥ 100 |
| When H2 is 500 or more | L2 ≥ 100 + h2/2 |

Unit: mm



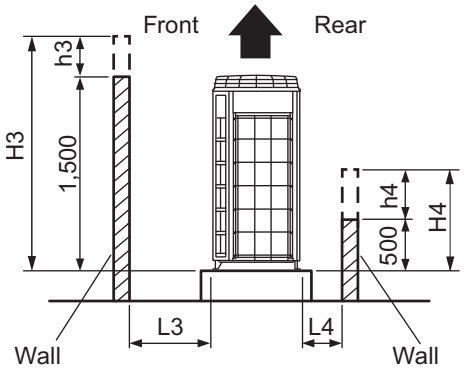
OUTDOOR UNITS

# ■ Concentrated installation

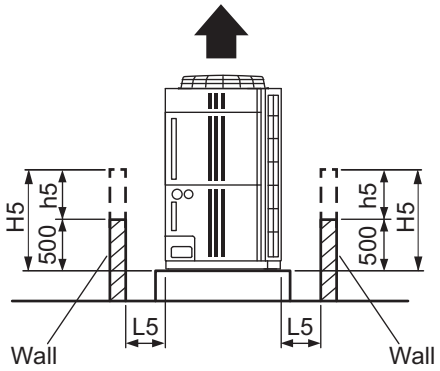
- Provide installation spaces L3, L4, and L5 in accordance with the table below according to the wall height (front side and rear side) conditions.
- Provide installation spaces other than L3, L4, and L5 in accordance with the conditions shown in the figure bellow.
- Airflow resistance can be ignored when the distance from a wall or other equipment is more than 2 m.

| Wall height condition (mm) | Installation requirement (mm) |
|---|---|
| When H3 is 1,500 or less | L3 ≥ 500 |
| When H3 is 1,500 or more | L3 ≥ 500 + h3/2 |
| When H4 is 500 or less | L4 ≥ 200 |
| When H4 is 500 or more | L4 ≥ 200 + h4/2 |
| When H5 is 500 or less | L5 ≥ 200 |
| When H5 is 500 or more | L5 ≥ 200 + h5/2 |

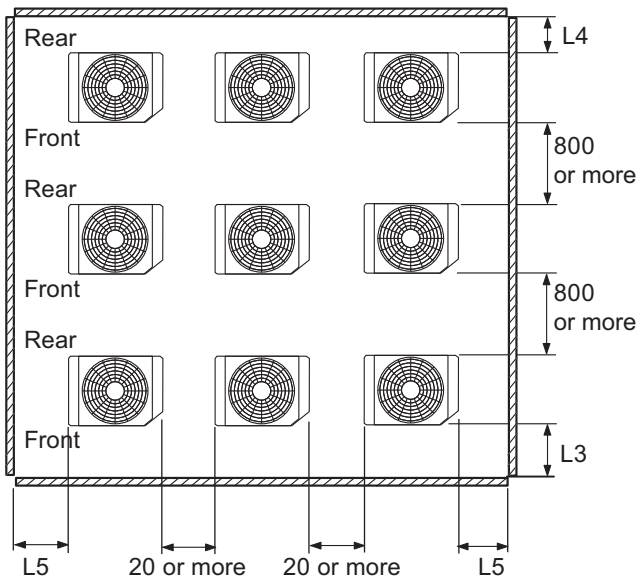
Unit: mm



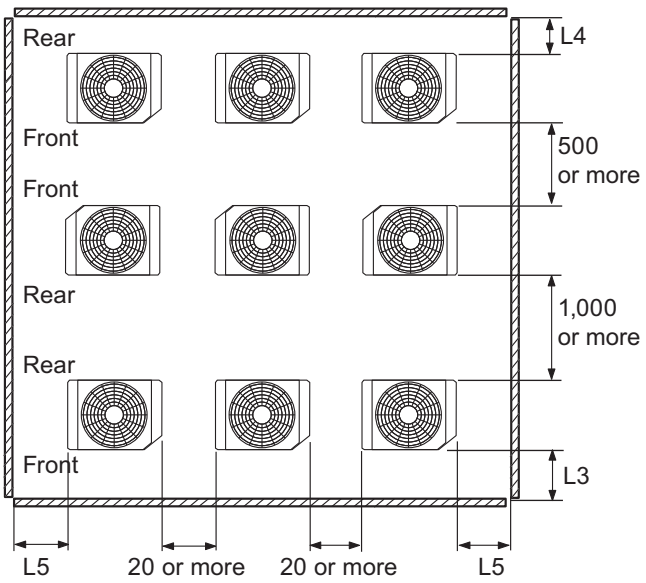

Side view




Front view




Top view




Top view

# 4-2. When installing in front of wall with no specific height-restriction

## ■ Single and multiple installations

- There are no restrictions on the height of the side wall.
- The wall (without height restrictions) must not exist on both left and right sides of the outdoor unit. Also, the wall must not exist on both front and rear of the outdoor unit.
- Provide installation spaces other than L6 in accordance with the conditions shown in the figure bellow.
- Airflow resistance can be ignored when the distance from a wall or other equipment is more than 2 m.



OUTDOOR UNITS

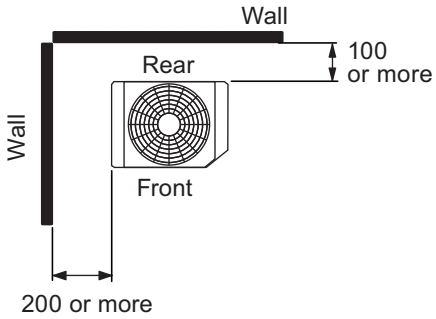
- **When installing with the rear of the outdoor unit facing the wall side:**

| Wall height condition (mm) | Installation requirement (mm) |
|---|---|
| When B ≥ 400 | L6 ≥ 200 |
| When 20 ≤ B ≤ 400 | L6 ≥ 200 + (400 - B) × 3 |

Unit: mm

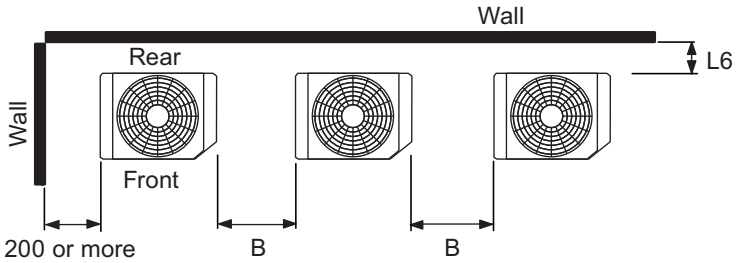
Single installation

Top view



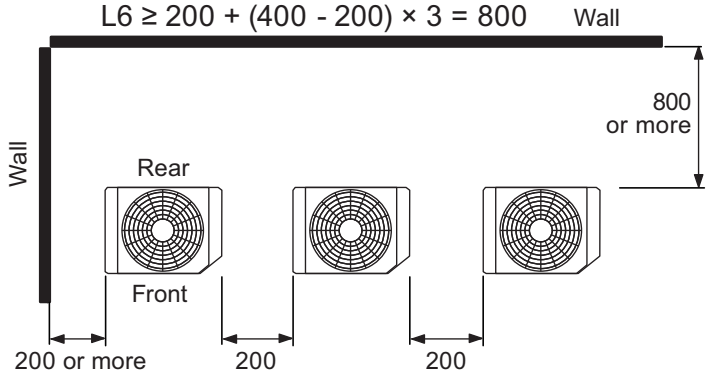

Multiple installations

Top view




Example: When B is made 200

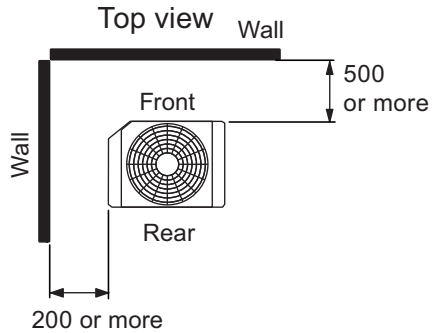
L6 ≥ 200 + (400 - 200) × 3 = 800



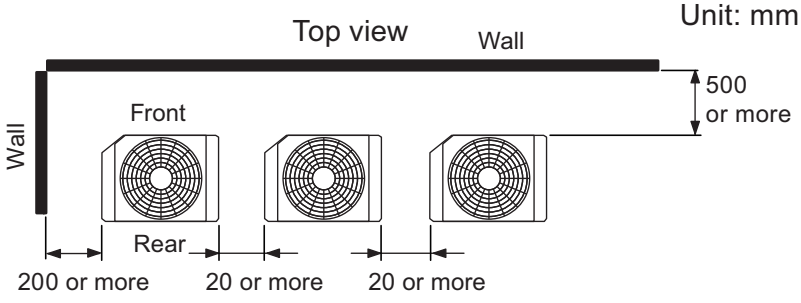

- **When installing with the front of the outdoor unit facing the wall side:**

Unit: mm

Top view



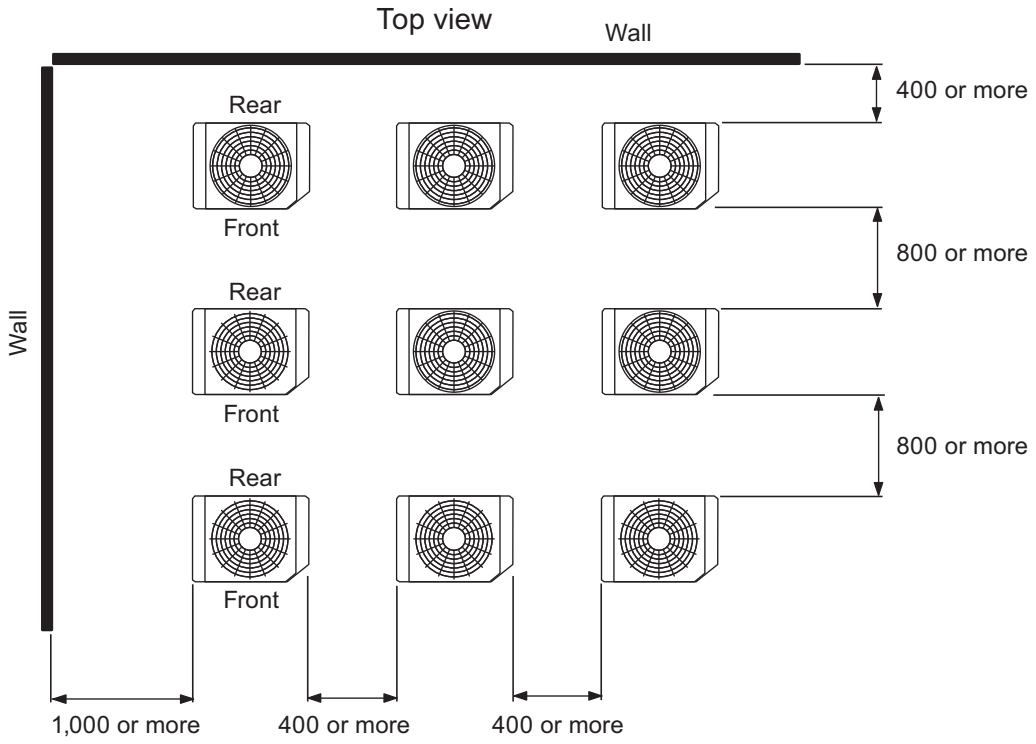

Top view

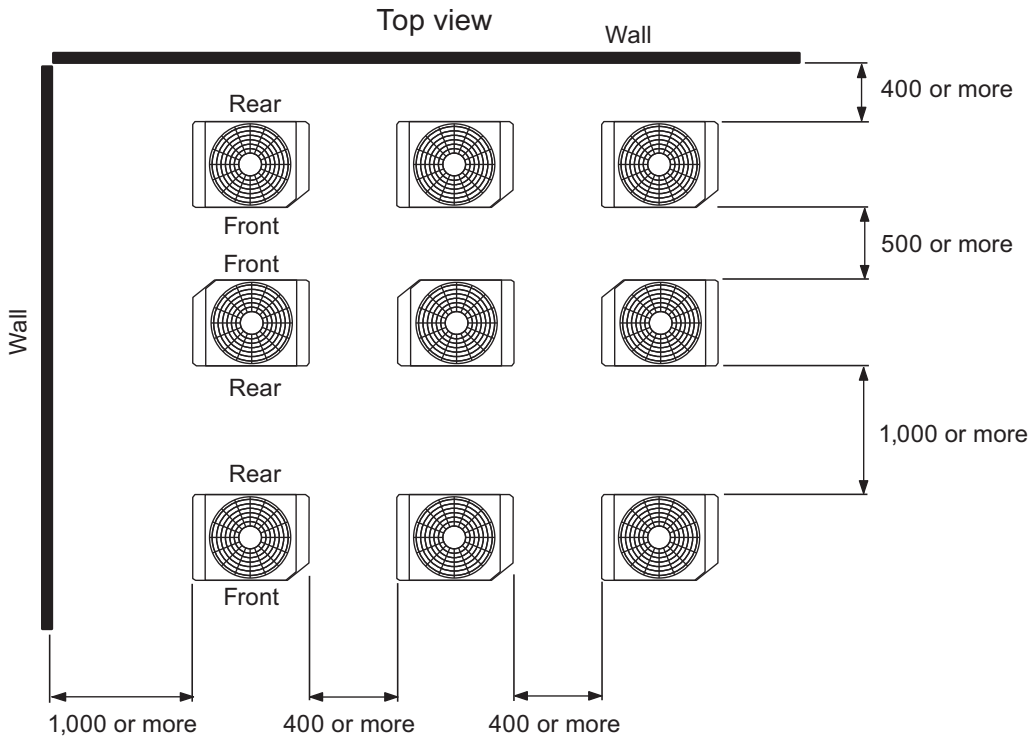


# ■ Concentrated installation

- The wall (without height restrictions) must not exist on both left and right sides of the outdoor unit. Also, the wall must not exist on both front and rear of the outdoor unit.
- Airflow resistance can be ignored when the distance from a wall or other equipment is more than 2 m.

Unit: mm

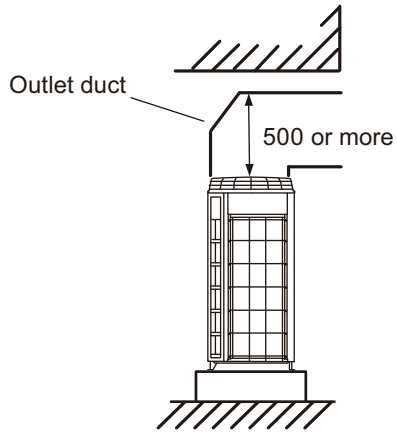


# 4-3. When there is an obstruction above the product

- When there is an obstruction above the product, observe the minimum installation height and install an outlet duct as shown below.
- When an outlet duct, etc. is installed, the high static pressure mode must be set by push button. (Also, applies when a snow hood is installed.)

Unit: mm




- **High static pressure mode setting**
  Select the high static pressure mode in accordance with the table below.

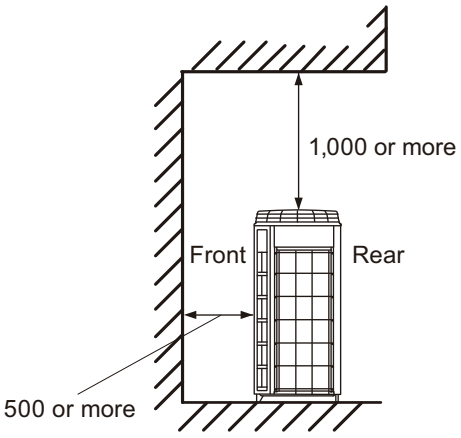
| Condition | High static pressure mode*1 |
|---|---|
| 0 Pa ≤ Static pressure*2 ≤ 30 Pa | Set to mode 1 |
| 30 Pa < Static pressure*2 ≤ 80 Pa | Set to mode 2 |

*1: For function settings, refer to "Setting list" in Chapter 7. FUNCTION SETTINGS on page 07-97.

*2: Static pressure is airflow resistance that includes the discharge duct resistance and additional resistance like discharge grille and so on.

- **When an outlet duct is not installed, install the product as shown below.**
  – Provide 1 m or more clearance to ceiling.
  – Do not locate wall at rear of the unit.
  – Up to 3 units can be installed in this configuration.

Unit: mm



# 4-4. Concentrated installation example

- When installing units in a group, in order to avoid short circuiting that could reduce capacity or cause a shutdown, install units with clearances equal to or greater than shown below.
- To prevent short circuiting, consider elevating the units and provide openings at the bottom of the wall for airflow. When installing more than the number of units shown below, contact your distributor or representative for installation recommendations.

## ■ Example 1

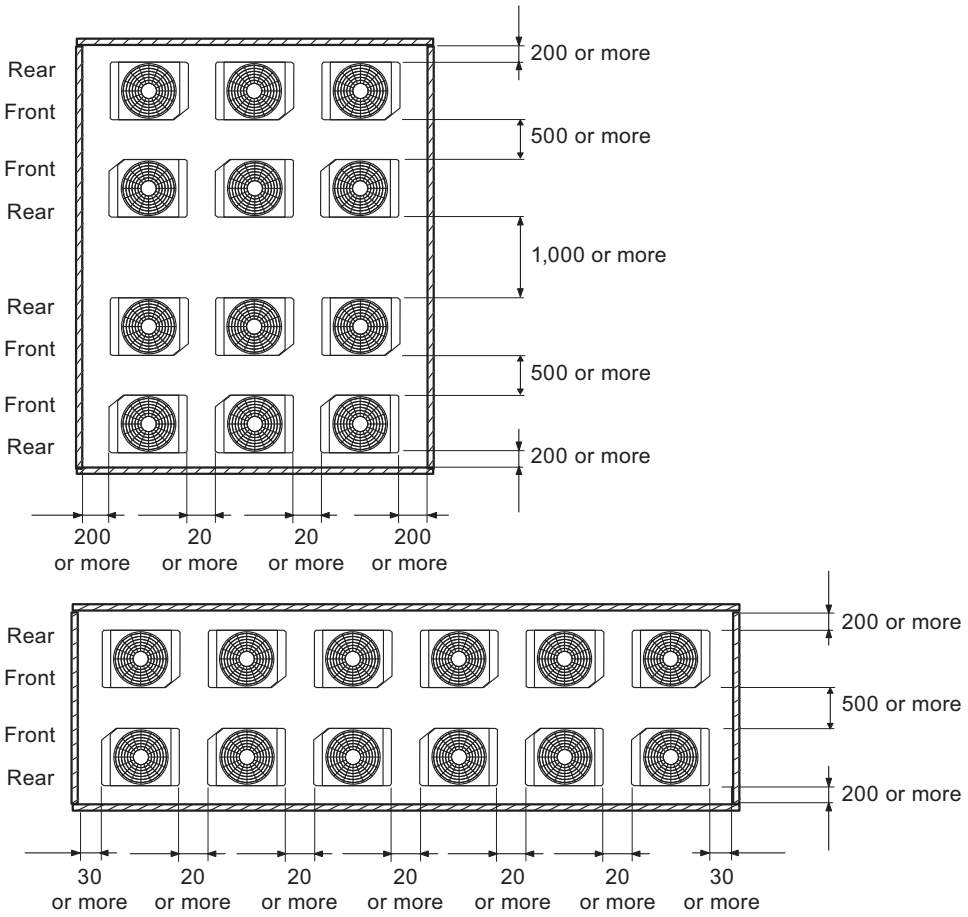


OUTDOOR UNITS

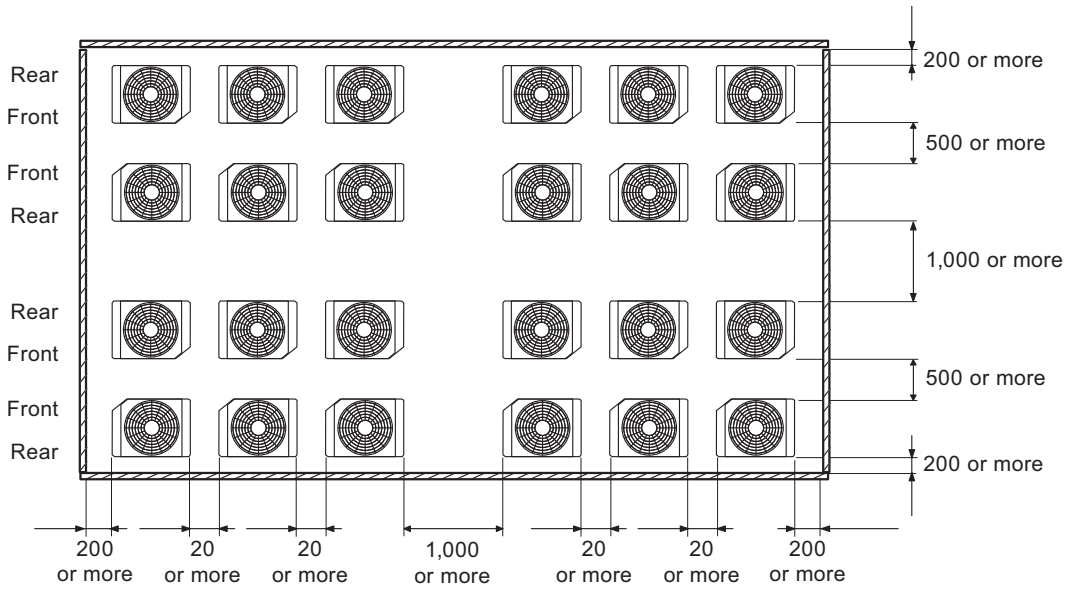
Wall height: All 500

Unit: mm

- **12 units installation example**




- **24 units installation example**



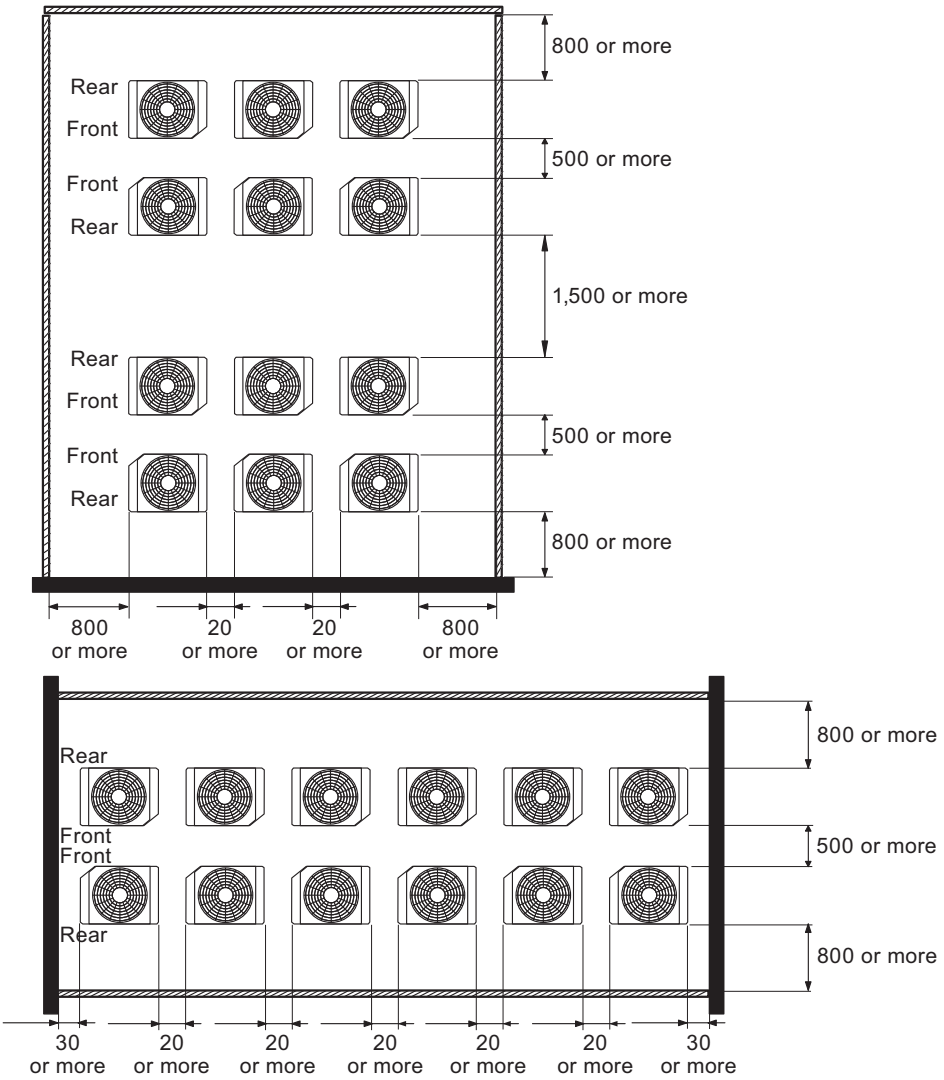
# ■ Example 2

Wall height: All 1,700

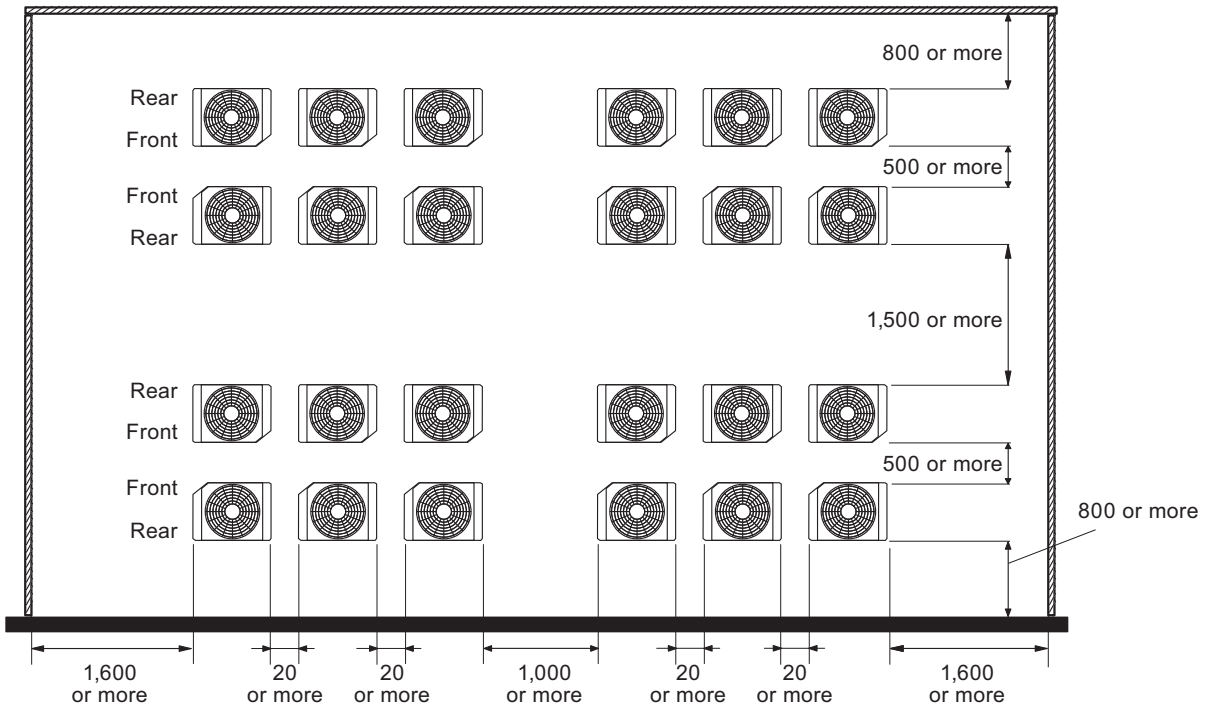
Unit: mm

However, the height of the ▬ wall is unrestricted.

- **12 units installation example**




- **24 units installation example**



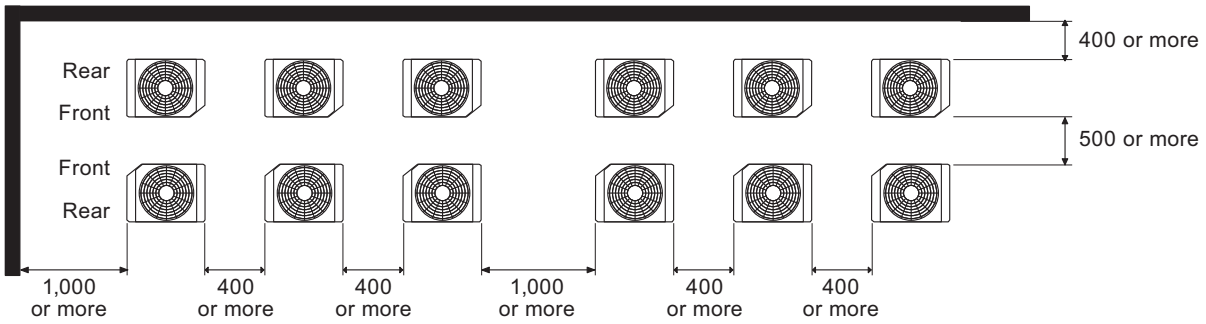
# ■ Example 3

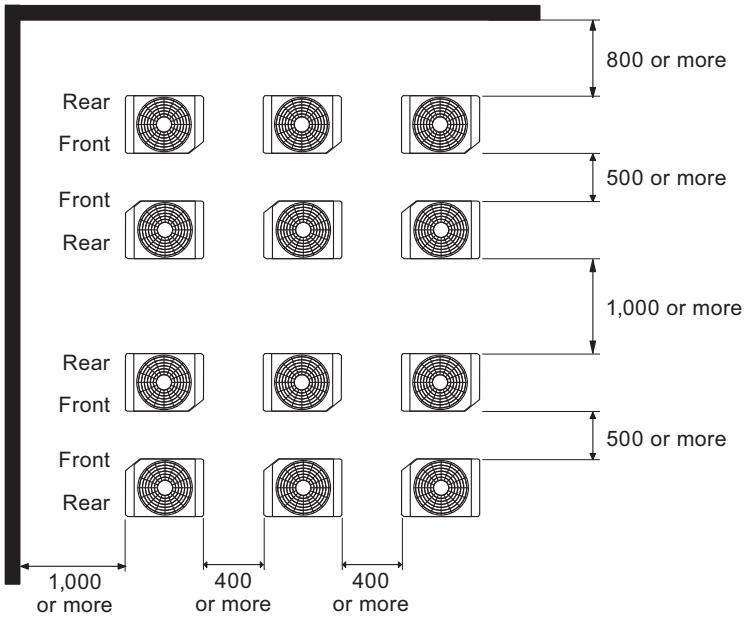
Wall height is unrestricted

Unit: mm

Of the 4 directions, leave at least 2 directions open. Leave either the front or back direction.

- **12 units installation example**






OUTDOOR UNITS

# 4-5. Installation on each floor



OUTDOOR UNITS

- **Precaution when installing on each floor**
  - When installing the product on each floor, be careful because updraft may cause a short circuit. If a short circuit occurred, the cooling and heating capacity and EER, COP (efficiency) may drop and in the worst case, high pressure protection may cause operation to stop.
  - Regarding the clearance requirement, refer to the figure below and provide an ample intake space.
  - Secure clearance for the refrigerant pipe and electrical wiring.
  - Install an outlet duct at each outdoor unit.

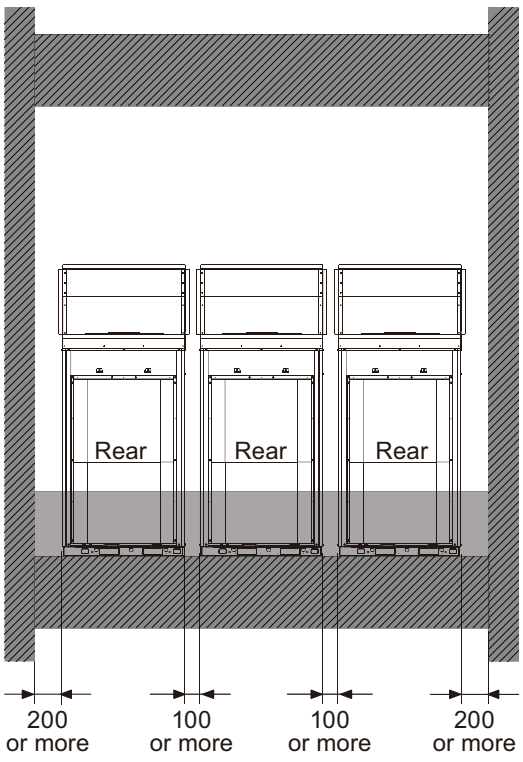
- **Installation example when installed on each floor**

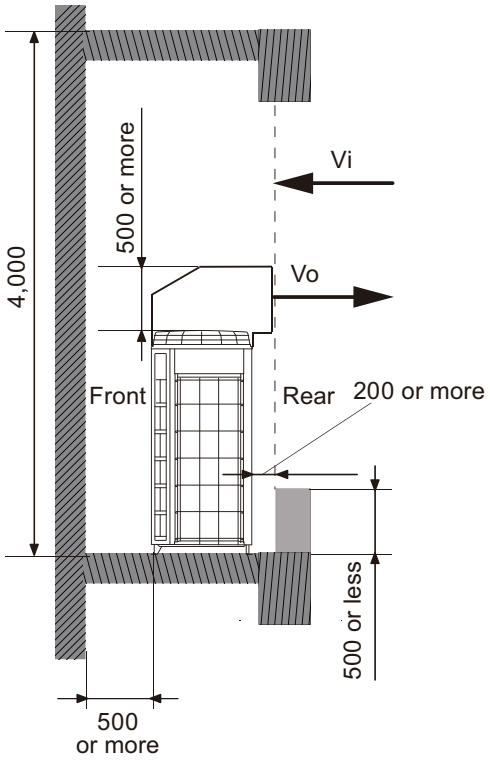
**NOTE:** If the installation differs from following example, be careful of short circuit.

| Example | Height/Floor | Capacity/Floor | Installable floor number |
|---|---|---|---|
| | 4,000 mm | 48 HP | 20 floors |

Unit: mm

Example of each floor



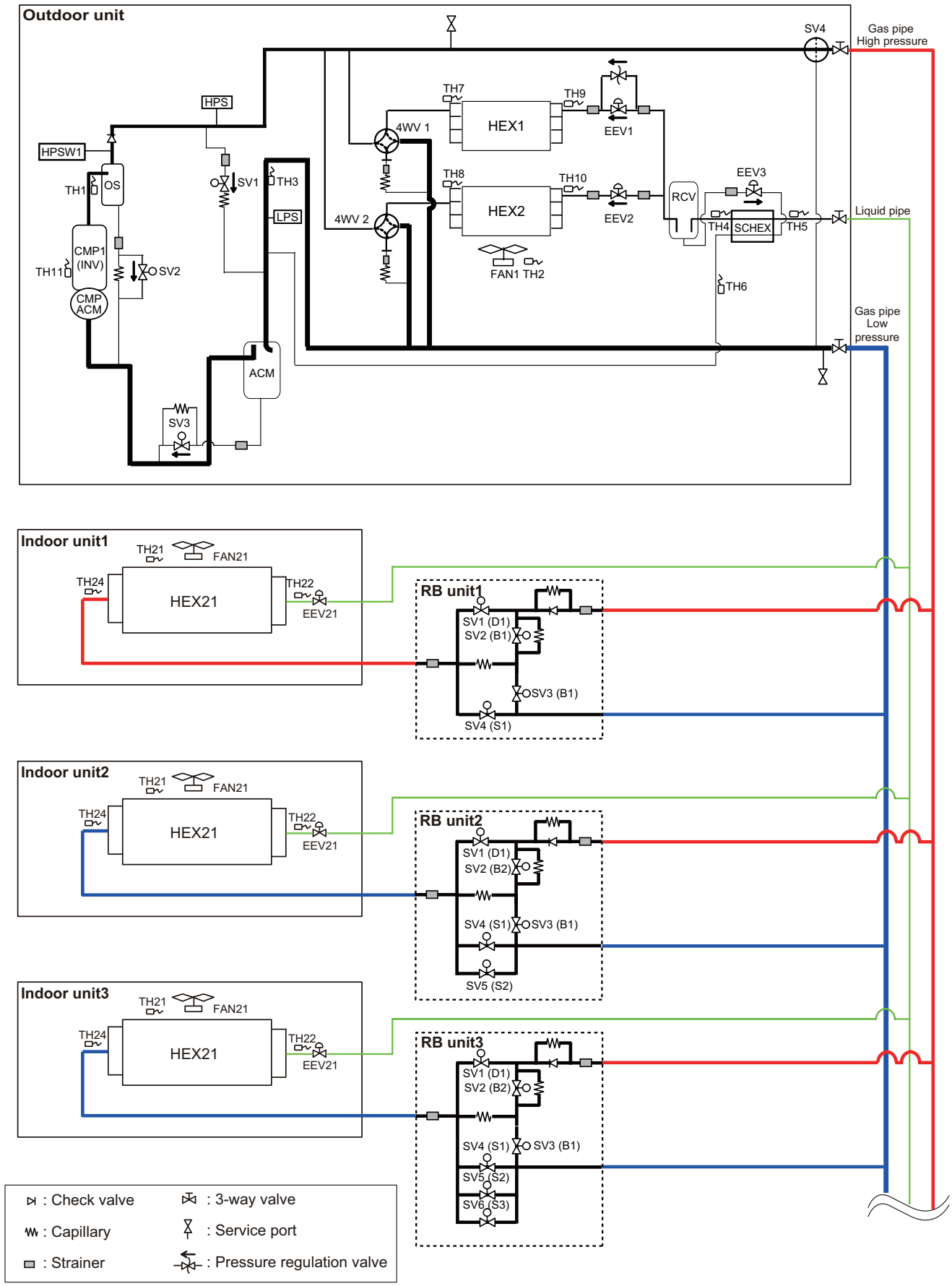

  - The outlet air velocity (Vo) = 5.5 to 7.5 m/s
  - The intake air velocity (Vi) = 1.2 m/s or less

- **When installing a louver**
  When installing a louver, pay attention to the following:
  - Fit the outlet duct tightly to the louver so that short circuit will not occur.
  - Make the louver angle 0° to 20° down. If installed facing up, short circuit is easily generated by updraft.
  - Make the opening ratio of the outlet louver 75% or greater.

# 5. Refrigerant circuit

## 5-1. Models: AJ∗072GALDH, AJ∗090GALDH, AJ∗108GALDH, AJ∗126GALDH and AJ∗144GALDH





# 5-2. Symbol description



OUTDOOR UNITS

- **Outdoor unit**

| Symbol | Description | Mark color |
|---|---|---|
| CMP1 | Compressor 1 (Inverter type) | — |
| HEX1 | Heat exchanger 1 | — |
| HEX2 | Heat exchanger 2 | — |
| FAN1 | Fan 1 | — |
| ACM | Accumulator | — |
| RCV | Receiver tanker | — |
| OS | Oil separator | — |
| SCHEX | Sub-cool heat exchanger | — |
| HPS | High pressure sensor | — |
| LPS | Low pressure sensor | — |
| HPSW1 | High pressure sensor switch 1 | — |
| 4WV1 | 4-way valve 1 | — |
| 4WV2 | 4-way valve 2 | — |
| EEV1 | Electric expansion valve 1 | — |
| EEV2 | Electric expansion valve 2 | — |
| EEV3 | Electric expansion valve 3 | — |
| SV1 | Solenoid valve 1 | — |
| SV2 | Solenoid valve 2 | — |
| SV3 | Solenoid valve 3 | — |
| SV4 | Solenoid valve 4 | — |
| TH1 | Discharge temperature thermistor 1 | Blue |
| TH2 | Outdoor temperature thermistor | — |
| TH3 | Suction temperature thermistor | Red |
| TH4 | Liquid temperature thermistor 1 | White |
| TH5 | Liquid temperature thermistor 2 | Brown |
| TH6 | Sub-cool heat exchanger (outlet) thermistor | Green |
| TH7 | Heat exchanger 1 gas thermistor | Black |
| TH8 | Heat exchanger 2 gas thermistor | Yellow |
| TH9 | Heat exchanger 1 liquid thermistor | Pink |
| TH10 | Heat exchanger 2 liquid thermistor | Gray |
| TH11 | Compressor 1 temperature thermistor 1 | Orange |

- **Indoor unit**

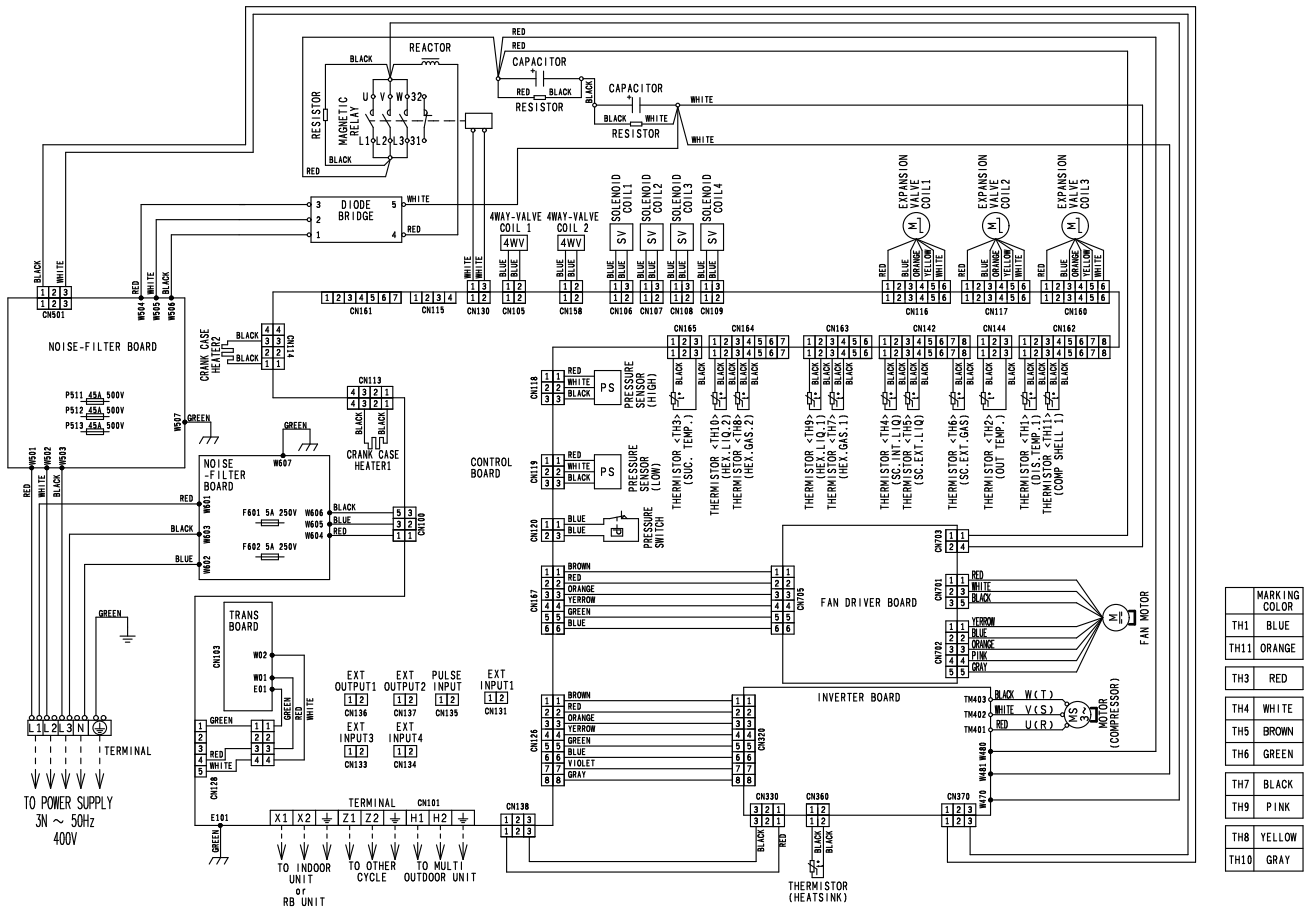
| Symbol | Description |
|---|---|
| HEX21 | Heat exchanger |
| FAN21 | Fan |
| EEV21 | Electric expansion valve |
| TH21 | Room temperature thermistor |
| TH22 | Heat exchanger (inlet) thermistor |
| TH24 | Heat exchanger (outlet) thermistor |

- **RB unit**

| Symbol | Description |
|---|---|
| SV1 (D1) | Solenoid valve (Discharge 1) |
| SV2 (B2) | Solenoid valve (Bypass 2) |
| SV3 (B1) | Solenoid valve (Bypass 1) |
| SV4 (S1) | Solenoid valve (Suction 1) |
| SV5 (S2) | Solenoid valve (Suction 2) |
| SV6 (S3) | Solenoid valve (Suction 3) |

# 6. Wiring diagrams

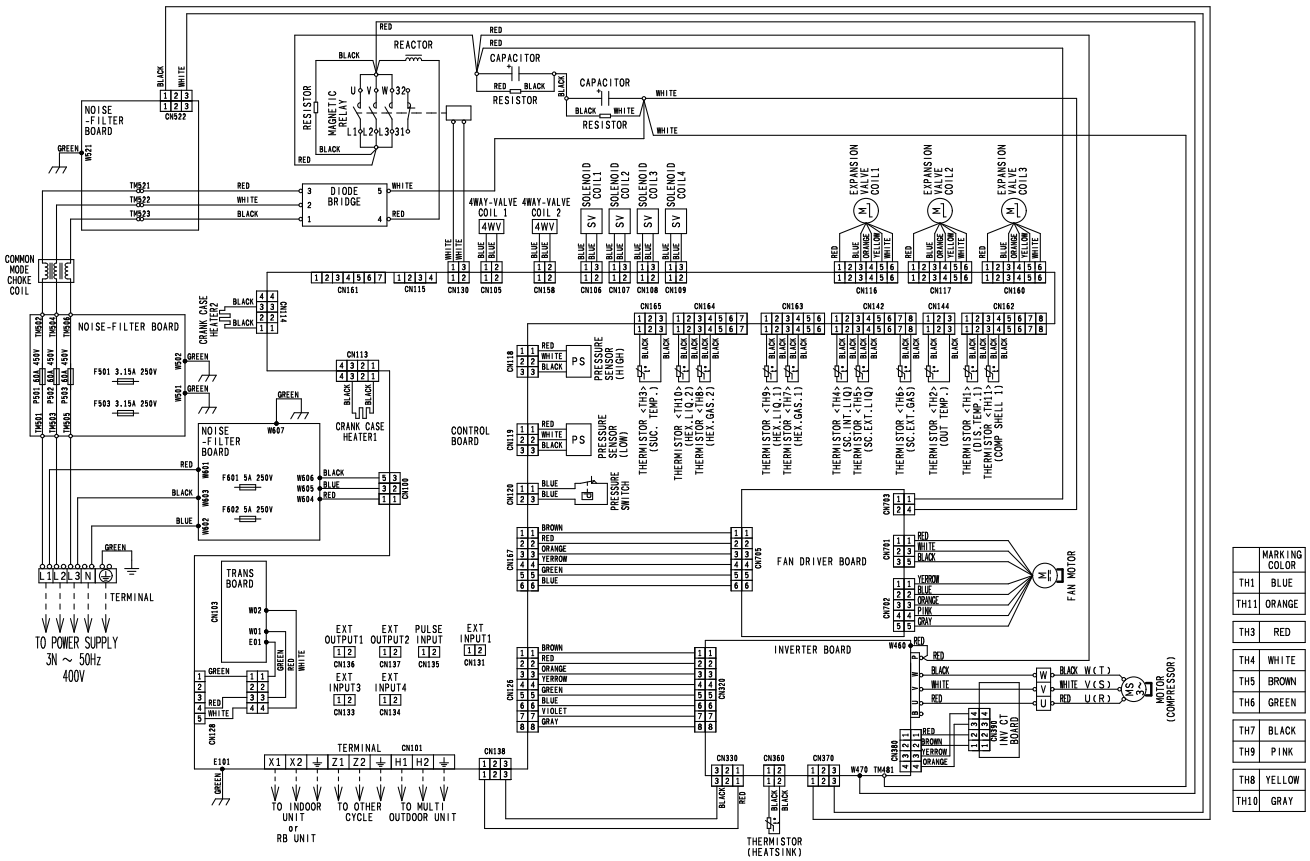
## 6-1. Models: AJ∗072GALDH, AJ∗090GALDH, and AJ∗108GALDH




**NOTE:**
- X1 and X2: To be connected to indoor unit or RB unit
- Z1 and Z2: To be connected to other master outdoor unit
- H1 and H2: To be connected to outdoor unit within same refrigerant system

# 6-2. Models: AJ∗126GALDH and AJ∗144GALDH






**NOTE:**
- X1 and X2: To be connected to indoor unit or RB unit
- Z1 and Z2: To be connected to other master outdoor unit
- H1 and H2: To be connected to outdoor unit within same refrigerant system

# 7. Operation range

## 7-1. Outdoor unit

| Operation mode | Operation range |
|---|---|
| Cooling/Dry | -10 to 46°CDB |
| Heating | -20 to 21°CDB |
| Cooling/Heating simultaneous | -10 to 21°CDB |



## 7-2. Indoor unit

| Operation mode | Operation range |
|---|---|
| Cooling/Dry | 18 to 32 °CDB<br>R.H. 80% or less |
| Heating | 10 to 30 °CDB |

R.H.: Relative humidity

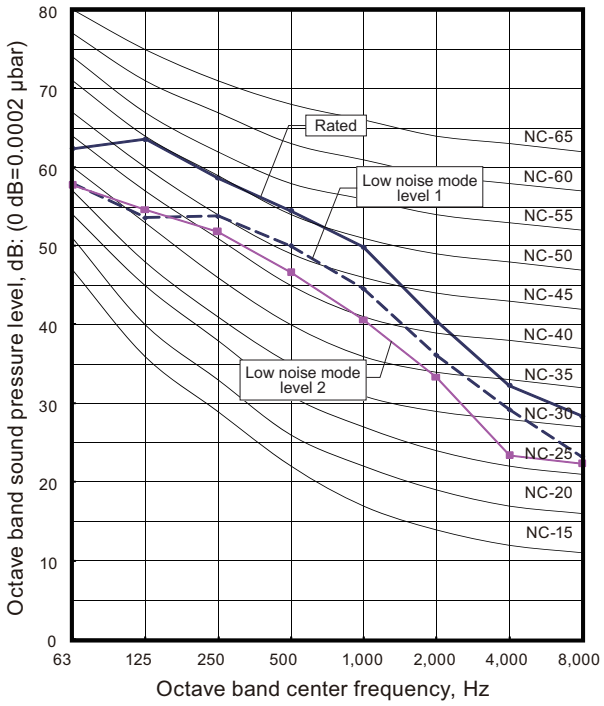
OUTDOOR UNITS

# 8. Operation noise (sound pressure)

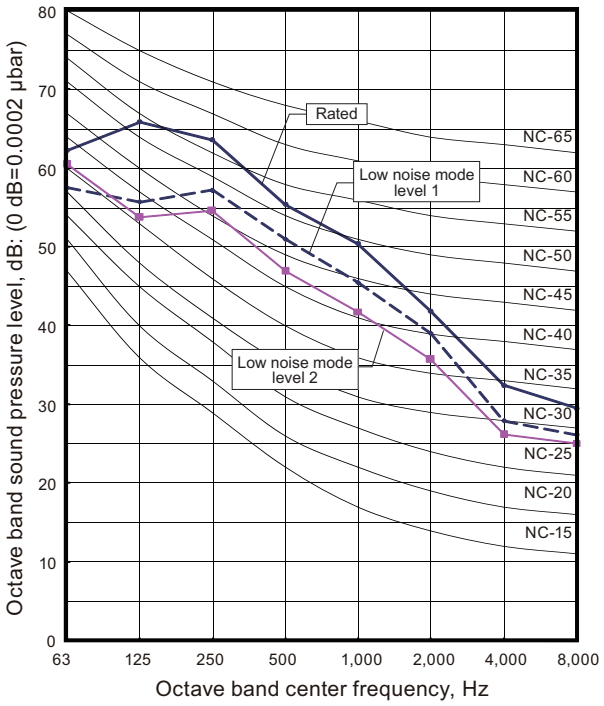
## 8-1. Noise level curve

### ■ Model: AJ∗072GALDH

#### ● Cooling

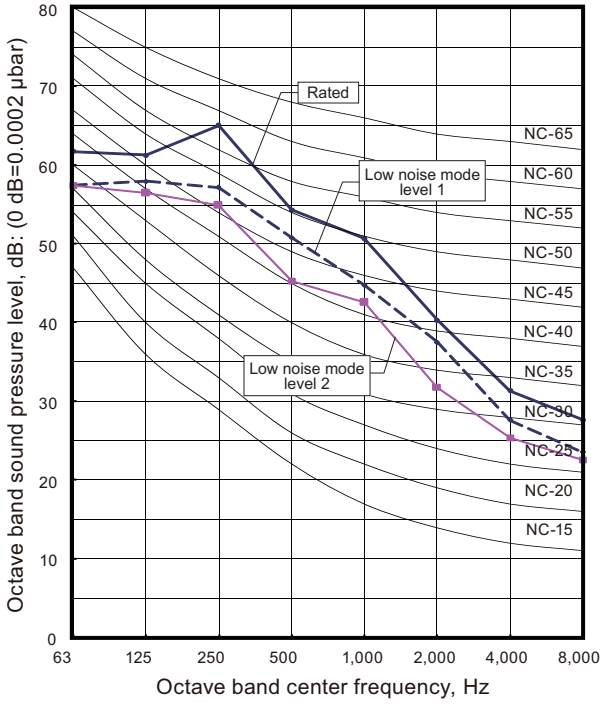



#### ● Heating

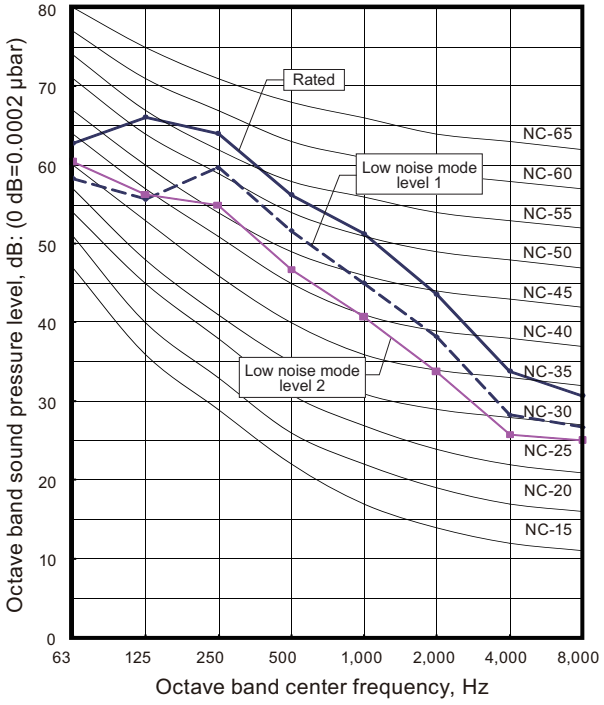



### ■ Model: AJ∗090GALDH

#### ● Cooling




#### ● Heating

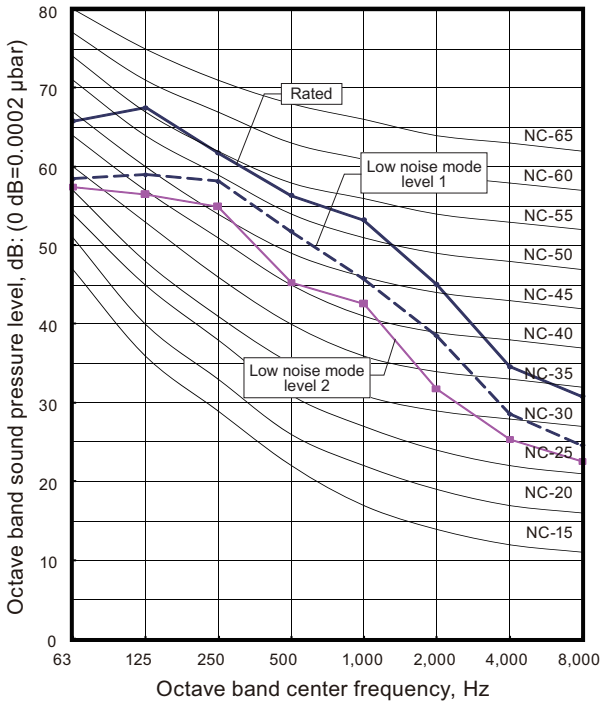




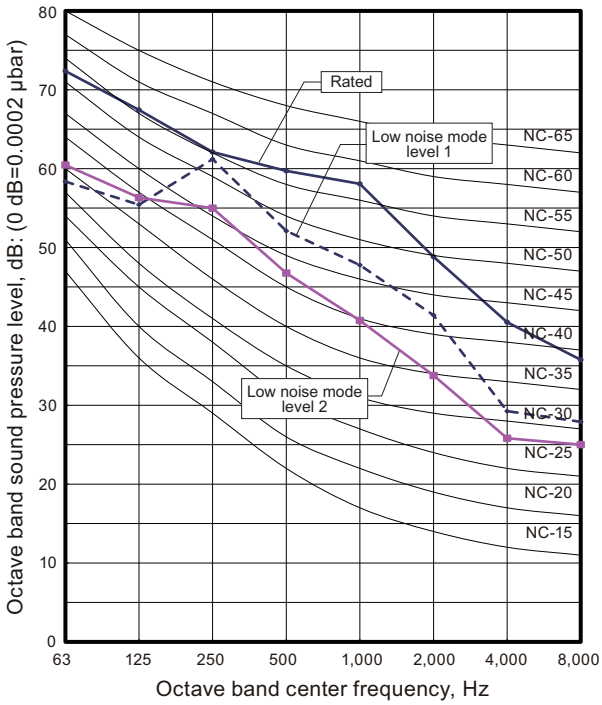
OUTDOOR UNITS

# ■ Model: AJ∗108GALDH

## ● Cooling

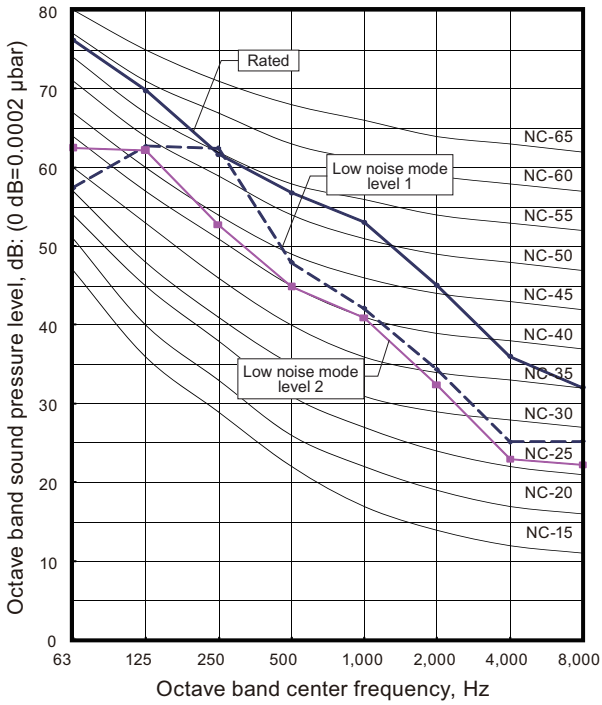



## ● Heating

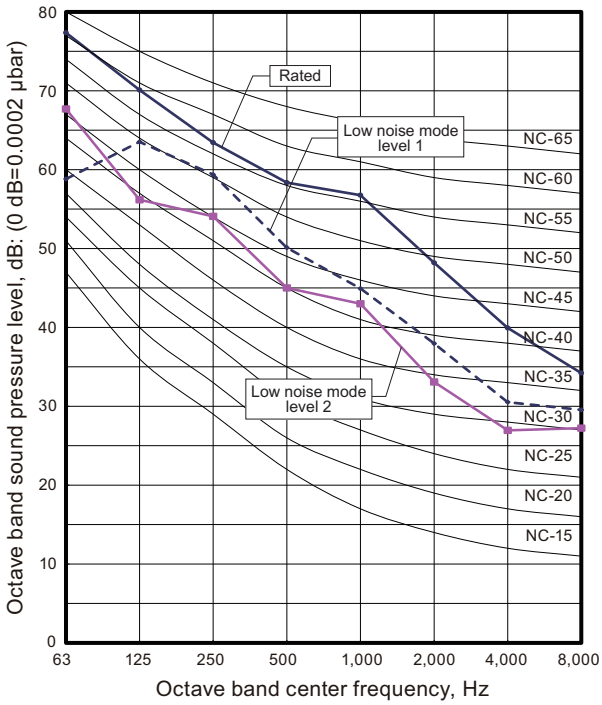



# ■ Model: AJ∗126GALDH

## ● Cooling

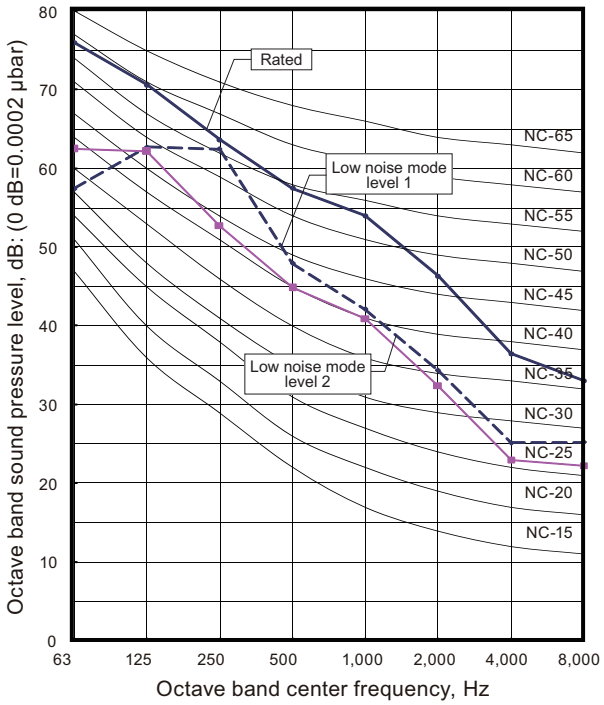



## ● Heating

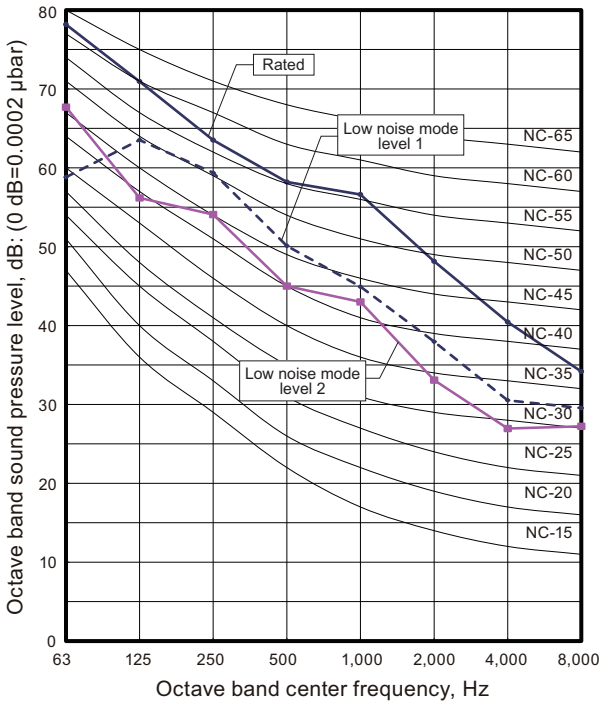


# ■ Model: AJ∗144GALDH

## ● Cooling

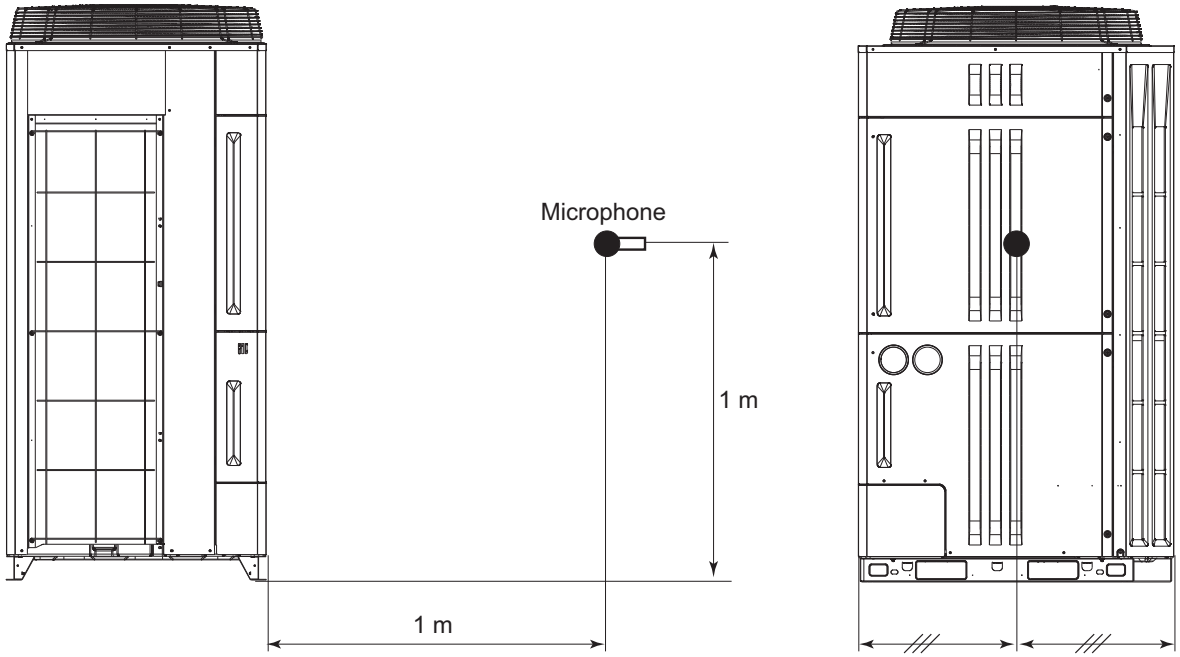



## ● Heating




OUTDOOR UNITS

# 8-2. Sound level check point



# 9. Electrical characteristics

Select and use the electrical components to meet the following conditions.

- Select the breaker based on MCA of the following tables.
- Select the wire diameter based on the larger value of MCA or TOCA of the following tables.
- Select a wire diameter which withstands the breaker capacity.
- Select the correct cable type and size according to the country or region's regulations.
- Limited wiring length is in case voltage drop less than 2%. When wiring length extend longer, select the wiring size of larger diameter.



OUTDOOR UNITS

RLA: Rated Load Amp of compressor under the standard condition

MCA: Minimum Circuit Ampacity = Maximum operating current (Full load)

MSC: Starting current (The maximum current during startup of the compressor)

TOCA: Total Over-Current Ampacity

MFA: Main Fuse (circuit breaker) Ampacity

## 9-1. Stand-alone

| HP | Model name | Power supply: 50 Hz, 400 V | | |
|---|---|---|---|---|
| | | Full load characteristics | | |
| | | MCA (A) | TOCA (A) | MSC (A) |
| 8 | AJ✳072GALDH | 18.7 | 17.0 | 18.5 |
| 10 | AJ✳090GALDH | 23.3 | 21.2 | 22.7 |
| 12 | AJ✳108GALDH | 23.3 | 21.2 | 22.7 |
| 14 | AJ✳126GALDH | 37.4 | 34.0 | 35.5 |
| 16 | AJ✳144GALDH | 37.4 | 34.0 | 35.5 |

| HP | Model name | Wiring specifications*1 | | | |
|---|---|---|---|---|---|
| | | MFA (A) | Power cable ($mm^2$) | Earth cable ($mm^2$) | Limited wiring length*2 (m) |
| 8 | AJ✳072GALDH | 20 | 4 | 4 | 51 |
| 10 | AJ✳090GALDH | 25 | 6 | 6 | 62 |
| 12 | AJ✳108GALDH | 25 | 6 | 6 | 62 |
| 14 | AJ✳126GALDH | 40 | 10 | 10 | 64 |
| 16 | AJ✳144GALDH | 40 | 10 | 10 | 64 |

*1: These values are recommended data. Select the wiring specification in accordance with local rules.

*2: This wiring length is in case voltage drop less than 2%. When wiring length extend longer, select the wiring size of larger diameter.

| HP | Model name | Compressor | Outdoor fan motor | |
|---|---|---|---|---|
| | | RLA (A) | Output (kW) | FLA (A) |
| 8 | AJ✳072GALDH | 11.2 | 0.75 | 1.1 |
| 10 | AJ✳090GALDH | 11.2 | 0.75 | 1.1 |
| 12 | AJ✳108GALDH | 11.2 | 0.75 | 1.1 |
| 14 | AJ✳126GALDH | 13.5 | 0.75 | 1.1 |
| 16 | AJ✳144GALDH | 13.5 | 0.75 | 1.1 |

# 9-2. Space saving combination

| HP | Set model name | Model name | Power supply: 50 Hz, 400 V | | |
|---|---|---|---|---|---|
| | | | Full load characteristics | | |
| | | | MCA (A) | TOCA (A) | MSC (A) |
| 18 | AJ✳162GALDH | AJ✳090GALDH<br>AJ✳072GALDH | 42.0 | 38.2 | 41.2 |
| 20 | AJ✳180GALDH | AJ✳090GALDH<br>AJ✳090GALDH | 46.6 | 42.4 | 45.4 |
| 22 | AJ✳198GALDH | AJ✳108GALDH<br>AJ✳090GALDH | 46.6 | 42.4 | 45.4 |
| 24 | AJ✳216GALDH | AJ✳108GALDH<br>AJ✳108GALDH | 46.6 | 42.4 | 45.4 |
| 26 | AJ✳234GALDH | AJ✳144GALDH<br>AJ✳090GALDH | 60.7 | 55.2 | 58.2 |
| 28 | AJ✳252GALDH | AJ✳144GALDH<br>AJ✳108GALDH | 60.7 | 55.2 | 58.2 |
| 30 | AJ✳270GALDH | AJ✳144GALDH<br>AJ✳126GALDH | 74.8 | 68.0 | 71.0 |
| 32 | AJ✳288GALDH | AJ✳144GALDH<br>AJ✳144GALDH | 74.8 | 68.0 | 71.0 |
| 34 | AJ✳306GALDH | AJ✳108GALDH<br>AJ✳108GALDH<br>AJ✳090GALDH | 69.9 | 63.6 | 68.1 |
| 36 | AJ✳324GALDH | AJ✳108GALDH<br>AJ✳108GALDH<br>AJ✳108GALDH | 69.9 | 63.6 | 68.1 |
| 38 | AJ✳342GALDH | AJ✳144GALDH<br>AJ✳108GALDH<br>AJ✳090GALDH | 84.0 | 76.4 | 80.9 |
| 40 | AJ✳360GALDH | AJ✳144GALDH<br>AJ✳108GALDH<br>AJ✳108GALDH | 84.0 | 76.4 | 80.9 |
| 42 | AJ✳378GALDH | AJ✳144GALDH<br>AJ✳144GALDH<br>AJ✳090GALDH | 98.1 | 89.2 | 93.7 |
| 44 | AJ✳396GALDH | AJ✳144GALDH<br>AJ✳144GALDH<br>AJ✳108GALDH | 98.1 | 89.2 | 93.7 |
| 46 | AJ✳414GALDH | AJ✳144GALDH<br>AJ✳144GALDH<br>AJ✳126GALDH | 112.2 | 102.0 | 106.5 |
| 48 | AJ✳432GALDH | AJ✳144GALDH<br>AJ✳144GALDH<br>AJ✳144GALDH | 112.2 | 102.0 | 106.5 |


OUTDOOR UNITS

# 9-3. Energy efficiency combination

| HP | Set model name | Model name | Power supply: 50 Hz, 400 V | | |
|---|---|---|---|---|---|
| | | | Full load characteristics | | |
| | | | MCA (A) | TOCA (A) | MSC (A) |
| 16 | AJ✳144GALDHH | AJ✳072GALDH<br>AJ✳072GALDH | 37.4 | 34.0 | 37.0 |
| 22 | AJ✳198GALDHH | AJ✳126GALDH<br>AJ✳072GALDH | 56.1 | 51.0 | 54.0 |
| 24 | AJ✳216GALDHH | AJ✳072GALDH<br>AJ✳072GALDH<br>AJ✳072GALDH | 56.1 | 51.0 | 55.5 |
| 26 | AJ✳234GALDHH | AJ✳090GALDH<br>AJ✳072GALDH<br>AJ✳072GALDH | 60.7 | 55.2 | 59.7 |
| 28 | AJ✳252GALDHH | AJ✳090GALDH<br>AJ✳090GALDH<br>AJ✳072GALDH | 65.3 | 59.4 | 63.9 |
| 30 | AJ✳270GALDHH | AJ✳090GALDH<br>AJ✳090GALDH<br>AJ✳090GALDH | 69.9 | 63.6 | 68.1 |
| 32 | AJ✳288GALDHH | AJ✳126GALDH<br>AJ✳090GALDH<br>AJ✳072GALDH | 79.4 | 72.2 | 76.7 |
| 34 | AJ✳306GALDHH | AJ✳126GALDH<br>AJ✳090GALDH<br>AJ✳090GALDH | 84.0 | 76.4 | 80.9 |
| 36 | AJ✳324GALDHH | AJ✳126GALDH<br>AJ✳126GALDH<br>AJ✳072GALDH | 93.5 | 85.0 | 89.5 |
| 38 | AJ✳342GALDHH | AJ✳126GALDH<br>AJ✳126GALDH<br>AJ✳090GALDH | 98.1 | 89.2 | 93.7 |
| 40 | AJ✳360GALDHH | AJ✳144GALDH<br>AJ✳126GALDH<br>AJ✳090GALDH | 98.1 | 89.2 | 93.7 |
| 42 | AJ✳378GALDHH | AJ✳126GALDH<br>AJ✳126GALDH<br>AJ✳126GALDH | 112.2 | 102.0 | 106.5 |
| 44 | AJ✳396GALDHH | AJ✳144GALDH<br>AJ✳126GALDH<br>AJ✳126GALDH | 112.2 | 102.0 | 106.5 |


OUTDOOR UNITS

# 10. Safety devices

| Type of protection | Protection form | | Model | | |
|---|---|---|---|---|---|
| | | | AJ∗072GALDH | AJ∗090GALDH | AJ∗108GALDH |
| Circuit protection | Fuse (Main) | | AC 250 V, 5 A | | |
| | Protector (Inv) | | AC 500 V, 45 A | | |
| | Fuse (Varistor) | | — | | |
| Compressor protector | Over current protection | Activate | — | | |
| | | Reset | — | | |
| | Temperature protection | Activate | 115 °C<br>Compressor stop | | |
| | | Reset | 80 °C<br>Compressor restart | | |
| High pressure protection | Pressure switch | Activate | 4.0 MPa<br>Compressor stop | | |
| | | Reset | 3.2 MPa<br>Compressor restart | | |
| Low pressure protection | Pressure switch | Activate | 0.05 MPa<br>Compressor stop | | |
| | | Reset | — | | |

| Type of protection | Protection form | | Model | |
|---|---|---|---|---|
| | | | AJ∗126GALDH | AJ∗144GALDH |
| Circuit protection | Fuse (Main) | | AC 250 V, 5 A | |
| | Protector (Inv) | | AC 450 V, 60 A | |
| | Fuse (Varistor) | | AC 250 V, 3.15 A | |
| Compressor protector | Over current protection | Activate | — | |
| | | Reset | — | |
| | Temperature protection | Activate | 115 °C<br>Compressor stop | |
| | | Reset | 80 °C<br>Compressor restart | |
| High pressure protection | Pressure switch | Activate | 4.0 MPa<br>Compressor stop | |
| | | Reset | 3.2 MPa<br>Compressor restart | |
| Low pressure protection | Pressure switch | Activate | 0.05 MPa<br>Compressor stop | |
| | | Reset | — | |


OUTDOOR UNITS

# 11. Locally purchased parts

## 11-1. Air discharge duct

### ■ Precaution

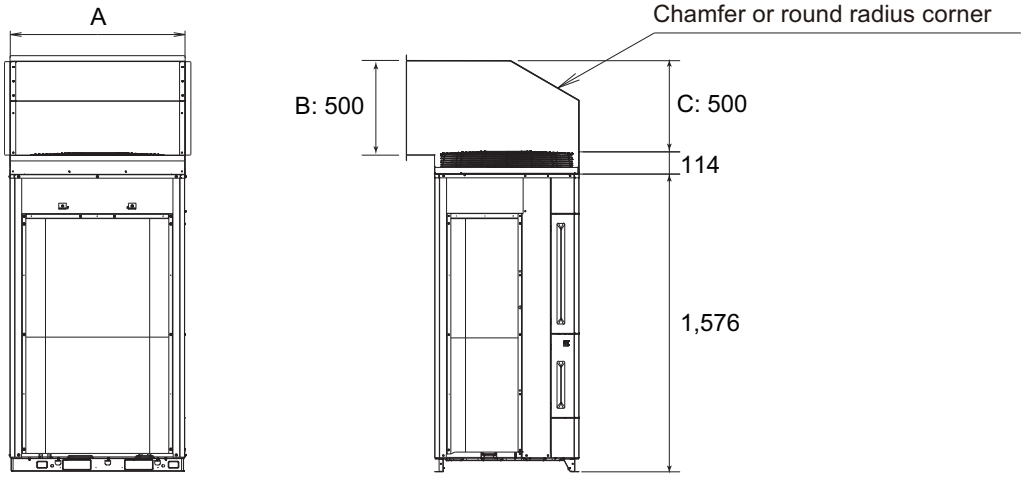
- All components such as the duct, support framework, misc. screws, and hardware to be locally purchased.
- Do not install the duct where prevailing wind will blow directly into it.
- Configure installation so that static pressure loss of duct or louvers etc. will not exceed 80 Pa.
- Allow sufficient space for combined height of duct and unit.
- Installation condition may requires that the duct is attached before the unit is installed.
- Unit noise levels may increase with duct installed.


OUTDOOR UNITS

### ■ Duct layout example

Unit: mm

| Model name | Dimension A | |
|---|---|---|
| | Minimum | Maximum |
| AJ∗072GALDH | 862 | 928 |
| AJ∗090GALDH | | |
| AJ∗108GALDH | | |
| AJ∗126GALDH | 1,172 | 1,238 |
| AJ∗144GALDH | | |



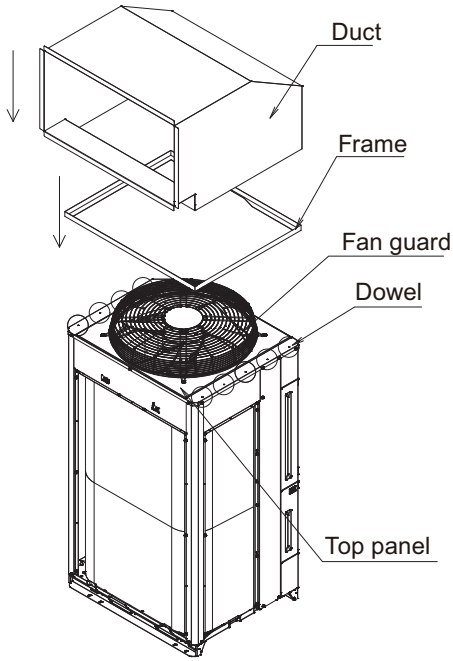

**⚠ CAUTION**

- The height B of the duct opening should be 500 mm or greater.
- The height C of the duct opening should be 500 mm or greater excluding the duct flange.
- Provide chamfer or round radius corner.
- Duct and components must weigh less than 100 kg.
- Duct must be designed to allow access to fan motor through top of unit.
- Provide adequate support for ductwork.

OUTDOOR UNITS

# ■ Installation procedure

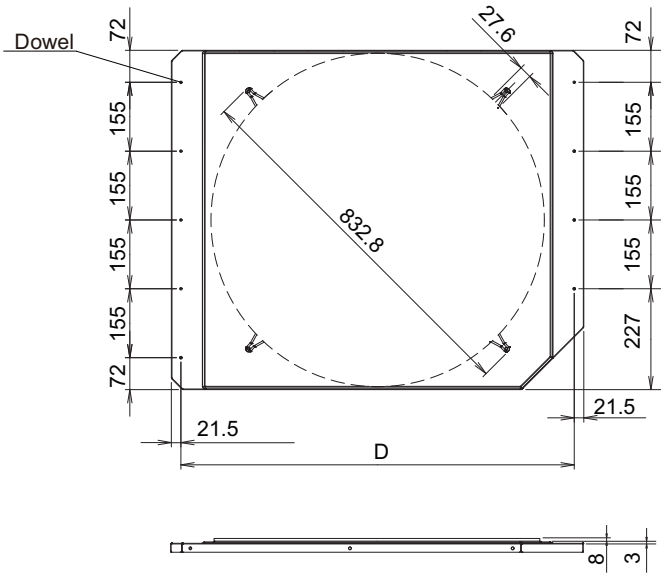
1. Remove the top panel/fan guard assembly from the cabinet.




Example of Installation

2. Using the 9 dowel marks on the top panel drill 6 mm holes in the top panel/fan guard assembly.

Unit: mm




Drilling position

| Model name | Dimension D |
|---|---|
| AJ∗072GALDH | 886 |
| AJ∗090GALDH | |
| AJ∗108GALDH | |
| AJ∗126GALDH | 1,196 |
| AJ∗144GALDH | |

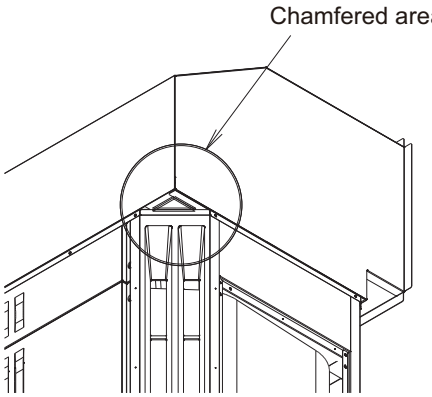
3. Reinstall the top panel/fan guard assembly.

4. Install flange/frame on top of the top panel/fan guard assembly using the predrilled holes and secure with 5 mm screws.

5. Install duct onto the flange/frame using 5 mm self tapping screws.

## ⚠ CAUTION

- Use 5 mm self tapping screws with a length of 10 mm to 20 mm.
- Do not drill in any locations other than the dowels, otherwise damage to the unit could occur and affect unit operation.
- To prevent air leakage and loss of performance, provide triangular steel cover plate at corner.





OUTDOOR UNITS

# 11-2. Snow hood

In cold or snowy region, install inlet and outlet hood to maintain stable operation and avoid snow damage.

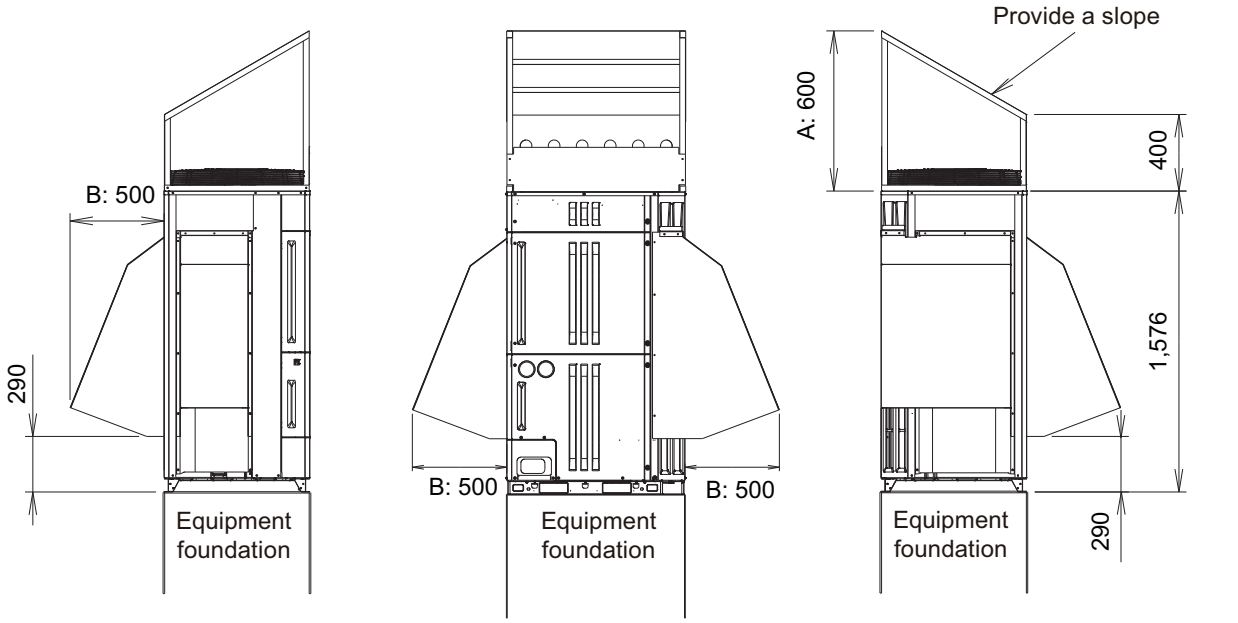
## ■ Precaution

- All components or parts such as the snow hood, frame, and screws are to be locally purchased.
- Prior to installation of snow hoods, install unit on equipment foundation.
- Provide equipment foundation high enough to keep the unit base above the snow level. Foundation width should not exceed unit width.
- Install the snow hood so that direct blows are diverted from the opening.
- Note that installation of the snow hood increases the height of the cabinet.
- In multi unit installations, it may be necessary to install snow hoods before units are set in place.
- Static pressure loss of the airflow path including snow hoods must be 80 Pa or less.
- Unit noise levels may increase with snow hood installed.


OUTDOOR UNITS

## ■ Installation example

Unit: mm




**⚠ CAUTION**

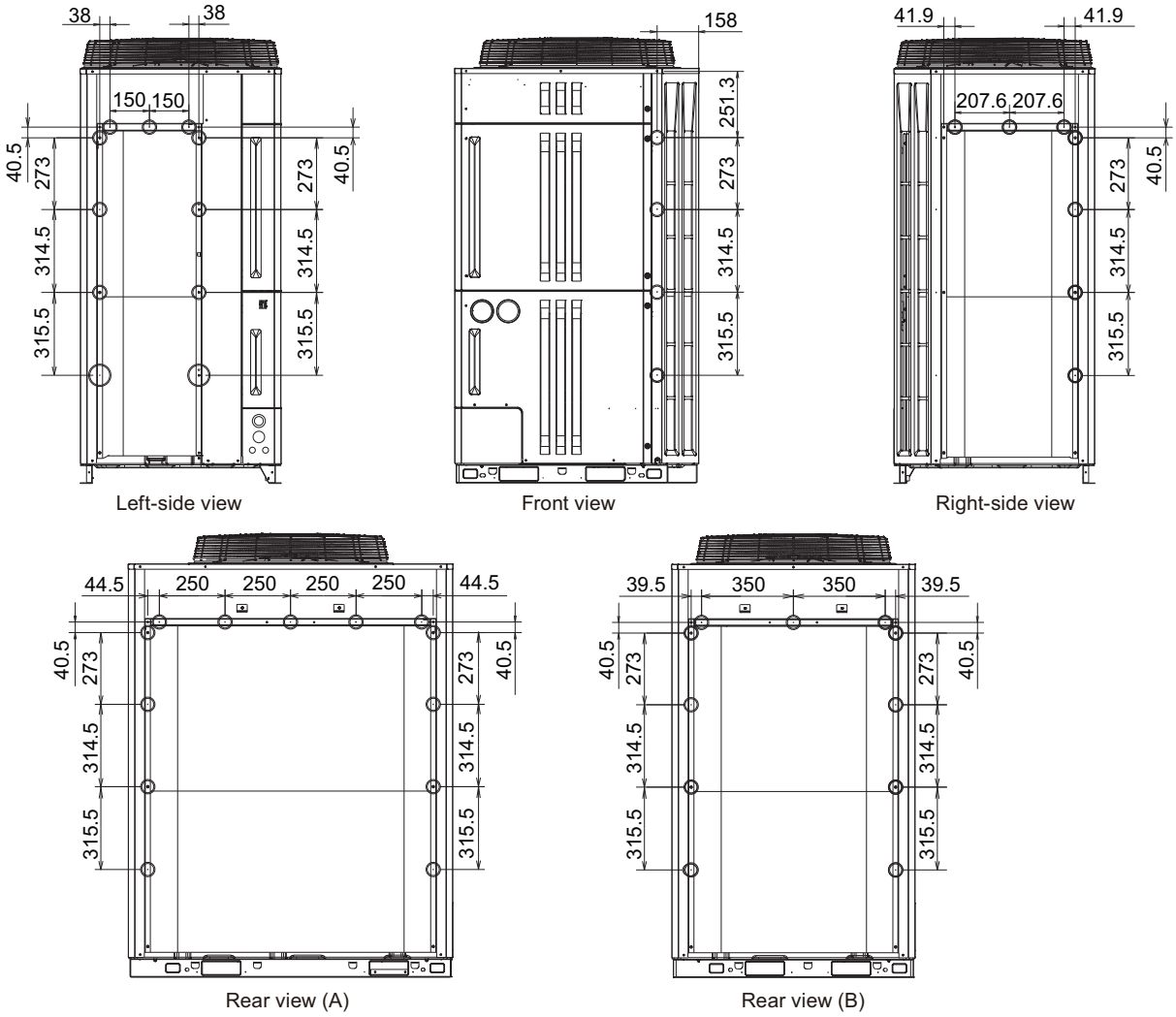
- Opening height A of the snow hood should be 600 mm or greater.
- The depth B of the snow hood should be 500 mm or greater.
- Provide ample slope so that snow will not accumulate on top of the snow hood. In addition, configure the snow hood so that snow will not fall off and accumulate at the hood inlet.

## ■ Installation procedure

- **Installing the upper part of snow hood**
  The upper part of snow hood can be installed in the same manner as the air discharge duct previously described. For details, refer to "Installation procedure" on page 03-50.

- **Installing the side of snow hood**
  1. Before starting snow hood installation, remove the screws from the external net to remove the net.
  2. Install the snow hood, using the screw holes shown below.

Unit: mm




Left-side view | Front view | Right-side view

Rear view (A) | Rear view (B)

| Rear view | Model name |
|---|---|
| A | AJ∗126GALDH |
| | AJ∗144GALDH |
| B | AJ∗072GALDH |
| | AJ∗090GALDH |
| | AJ∗108GALDH |

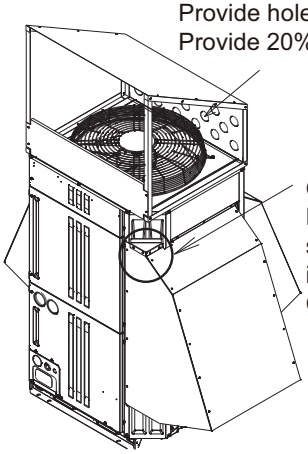
**NOTE:** The screw numbers and positions in rear view A and B differ only on the upper part of the rear.

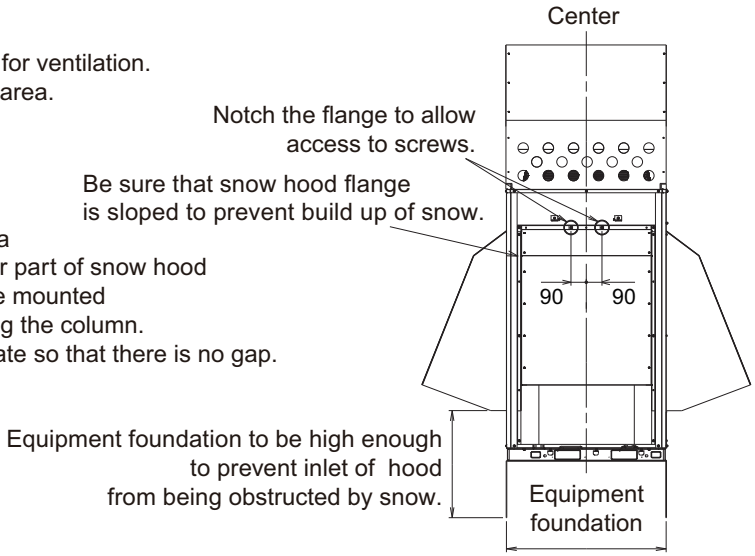
3. Remove the screws from where circles are marked in the figure, and make a Ø4.6 mm hole in each dowel.

**⚠ CAUTION**

- Use 5 mm self tapping screws having a thread length of 10 mm to 20 mm.
- Remove only the screws that are highlighted with a circle shown in the figure.
- Drill hole in dowels only where highlighted with a circle shown in the figure, otherwise damage to the unit could occur.

- **Notes on installation**




To avoid accumulation of snow on the equipment foundation, the foundation should only be as wide as the equipment.


OUTDOOR UNITS

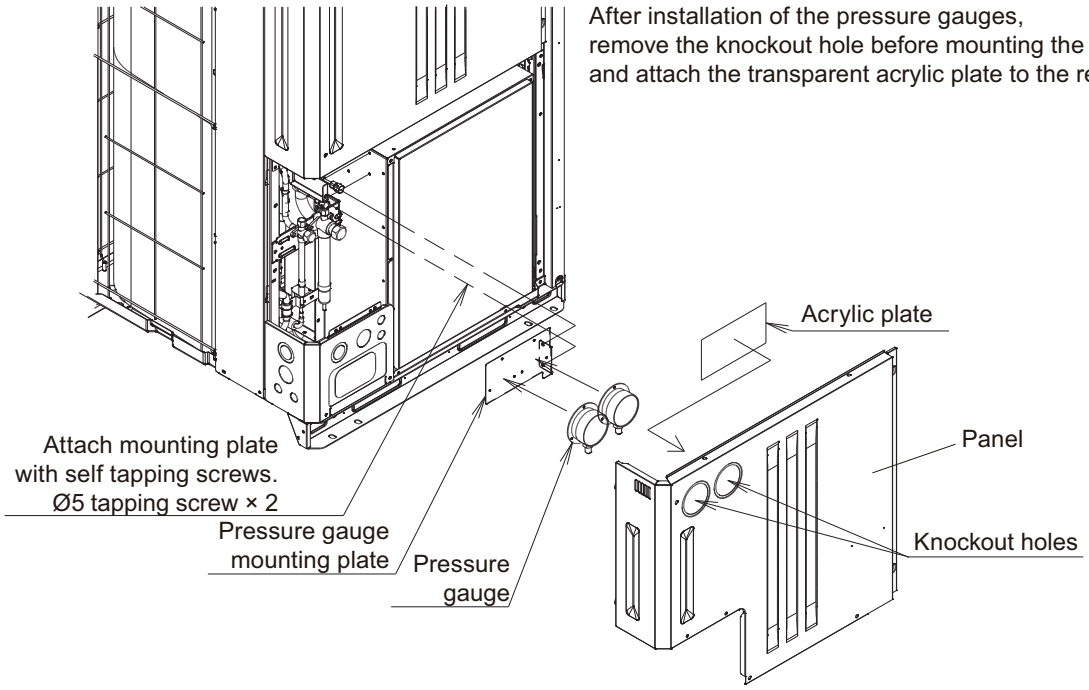
# 11-3. Pressure gauge

## ■ How to install

**NOTE:** All the components or parts such as the two pressure gauges, mounting plate, acrylic plates, double-stick tape, and capillary tubes are to be locally purchased.

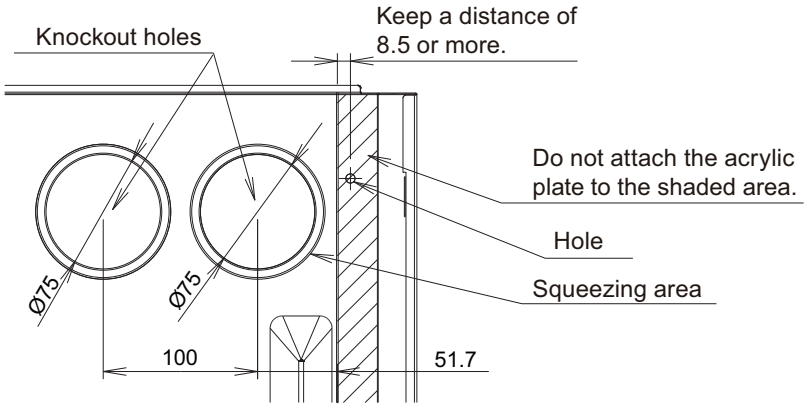
Remove the panel as shown in the figure below, and install the pressure gauges.

Unit: mm




- **Attachment of transparent acrylic plate**
  Prepare a transparent acrylic plate, and attach the acrylic plate with thick double-stick tape to completely close the knockout holes.

Unit: mm




Rear view of panel

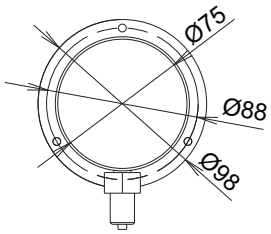
**⚠ CAUTION**

- Firmly attach acrylic plate to panel to prevent water from leaking into unit cabinet.
- The acrylic plate must be attached to the left of the shaded area in the figure above.

OUTDOOR UNITS

- **Pressure gauges (recommended)**

Unit: mm

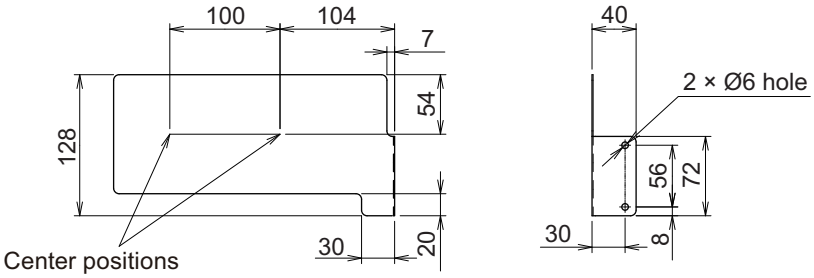



**⚠ CAUTION**

- Use a pressure gauges having an outside diameter (including the mounting part) of Ø98 or less and a gauge diameter of Ø75 or less.
- Measuring ranges of the pressure gauges:
  High pressure side: 0 to 5 MPa
  Low pressure side: 0 to 3.5 MPa
  However, it is recommended that both pressure gauges should be designed for a measuring range 0 to 5 MPa.

- **Pressure gauge mounting plate**

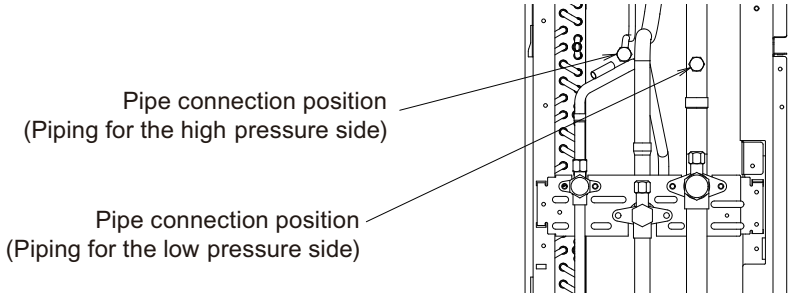
Unit: mm




**⚠ CAUTION**

- Use a pressure gauges mounting plate of the above outside dimensions.
- The mounting plate must be thick enough to endure the weights of the pressure gauges.
- Make mounting screw holes in accordance with each pressure gauge.
- Each pressure gauge must be installed at the center position shown in the figure above.

- **Pressure gauge pipe connection positions**
  Connect each pressure gauge with the pipe at the connection position shown in the figure below.




**⚠ CAUTION**

- Gauge connections are 1/2-20 UNF (5/16”) male flare (with valve core).
- Provide R410A hose or refrigerant pipe with 1/2-20 UNF (5/16”) female flare that is rated for and can withstand 5 MPa. Be sure method of connection and support does not place stress on gauge or location of piping connection.
- Purge air and leak test after installation.

# 11-4. Central drain pan

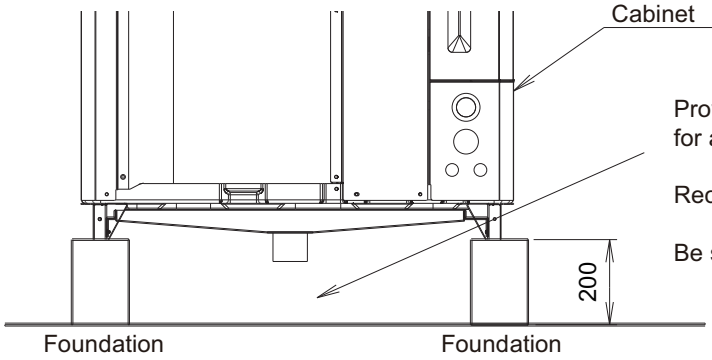
## ■ How to install

**NOTES:**

- All the components and parts including drain pan and piping materials are to be locally purchased.
- If drain pan is installed, refrigerant pipe cannot be routed out the bottom.
- Do not locate the unit over an area that cannot get wet.
- When humidity is high or the drain outlet is clogged, dew drops may fall from the central drain pan.
- Do not use the central drain pan in a cold region where the drain pipes may be frozen.
- If hoses or sockets are to be used during installation, install the foundation as shown in the figure below.
- Do not use in cold region. The drain pipe may freeze.


OUTDOOR UNITS

Unit: mm



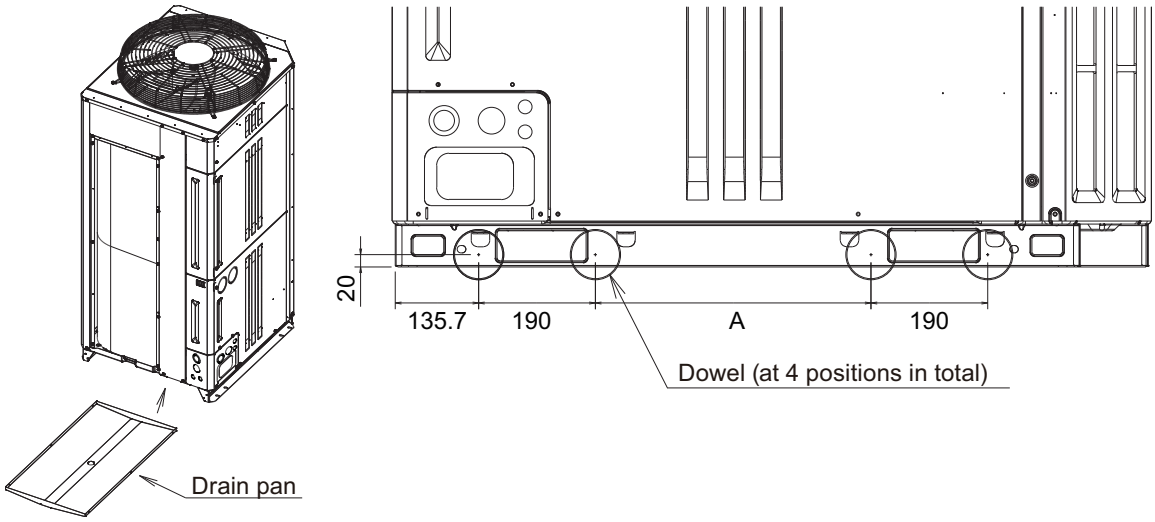

Provide sufficient space under unit
for access to piping for maintenance.

Reccomended height of foundation: 200 or more

Be sure all piping joints and connections do not leak.

## ■ Installation procedure

Unit: mm



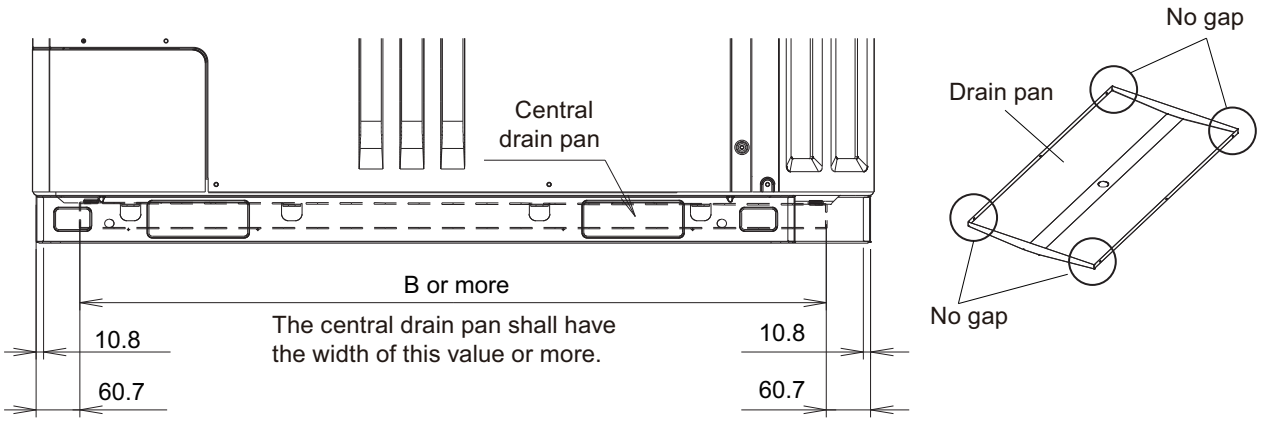

| Model name | Dimension A |
|---|---|
| AJ∗072GALDH | 139 |
| AJ∗090GALDH | |
| AJ∗108GALDH | |
| AJ∗126GALDH | 449 |
| AJ∗144GALDH | |

Drill holes in dowels located in base foot as shown in the figure above (total 8).
Attach drain pan using self tapping screws at dowel locations.

OUTDOOR UNITS

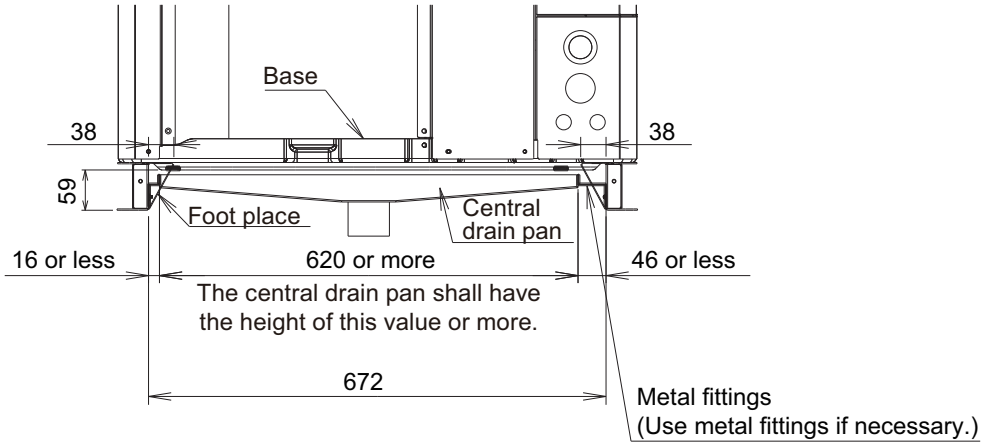
- **Notes on installation**
  - Make sure to design and install drain pan to cover the all drain hole on base completely.
  - The gap between drain pan and base should be less than 2 mm.
  - Be careful of the foot place during the working or design process.
  - If the foundation or foot place makes working difficult, the metal fittings should be used as shown below.
  - A drain pan not having the recommended outside dimensions can cause a water leakage or cannot be installed.
  - Gaps other than the drain holes cause a water leakage. Completely close all the gaps in the bottom and sides by welding.

Unit: mm




Front View

| Model name | Dimension B |
|---|---|
| AJ∗072GALDH | 795 |
| AJ∗090GALDH | |
| AJ∗108GALDH | |
| AJ∗126GALDH | 1,105 |
| AJ∗144GALDH | |



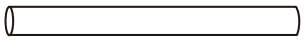
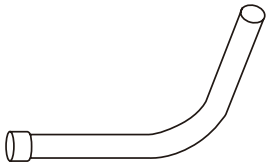

Left-side View

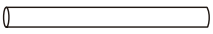
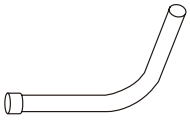
# 12. Accessories

The following installation parts are supplied. Use them as required. Do not discard any accessories until the installation work has been completed.

## 12-1. Stand-alone

| Name and shape | Q'ty | Application |
|---|---|---|
| Specifications manual | 1 | |
| Installation manual | 1 | |
| Cable tie | 4 | For binding power supply cable and transmission cable |

| Joint pipe for suction gas pipe | AJ∗072 GALDH | AJ∗090 GALDH | AJ∗108 GALDH | AJ∗126 GALDH | AJ∗144 GALDH |
|---|---|---|---|---|---|
|  Joint pipe A (Large, Straight type) | 1 | 1 | 1 | 1 | 1 |
|  Joint pipe B (Large, L type) | 1 | 1 | 1 | 1 | 1 |

| Joint pipe for discharge gas pipe | AJ∗072 GALDH | AJ∗090 GALDH | AJ∗108 GALDH | AJ∗126 GALDH | AJ∗144 GALDH |
|---|---|---|---|---|---|
|  Joint pipe C (Small, Straight type) | — | 1 | 1 | 1 | 1 |
|  Joint pipe D (Small, L type) | 1 | 1 | 1 | 1 | 1 |

OUTDOOR UNITS

Refrigerant R410A
INVERTER

AIRSTAGE

# 4. INDOOR UNITS

2023.11.10
DV_CH04_CM0001EF_01

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# 4. INDOOR UNITS


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# 1. Model lineup

| Type | | Capacity | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | 1.1 | 2.2 | 2.8 | 3.6 | 4.0/4.5 | 5.6 | 7.1 | 9.0 | 10.0 | 11.2 | 12.5 | 14.0 | 18.0 | 22.4 | 25.0 | 28.0 |
| | Model code | 04 | 07 | 09 | 12 | 14 | 18 | 24 | 30 | 34 | 36 | 45 | 54 | 60 | 72 | 90 | 96 |
| Compact cassette | | • | • | • | • | • | • | • | | | | | | | | | |
| 4-way flow cassette | | | | | | | • | • | • | • | • | • | • | | | | |
| Circular flow cassette | | | | | | | • | • | • | • | • | • | • | | | | |
| 3D flow cassette | | | | | | | • | • | | | | | | | | | |
| One way flow cassette | | • | • | • | • | • | • | • | | | | | | | | | |
| Low static pressure duct (Mini duct) | | • | • | • | • | • | • | • | | | | | | | | | |
| Low static pressure duct (Slim duct) /Slim concealed floor | | | • | • | • | • | • | • | | | | | | | | | |
| Low static pressure duct (High efficiency) | | | | | | | • | | • | | | | | | | | |
| Medium static pressure duct | | | | | | | | • | • | | • | • | | | | | |
| High static pressure duct | | | | | | | | | | | • | • | | • | • | • | • |
| Compact floor | | • | • | • | • | • | | | | | | | | | | | |
| Compact floor (EEV external) | EV kit | • | • | • | • | • | | | | | | | | | | | |
| Floor/Ceiling | | | | | • | • | • | • | | | | | | | | | |
| Ceiling | | | | | | | | | • | | • | • | • | | | | |
| Wall mounted | | • | • | • | • | • | • | • | • | • | | | | | | | |
| Wall mounted (EEV external) | EV kit | • | • | • | • | • | | | | | | | | | | | |



INDOOR UNITS

| Type | Rated capacity (kW) | | Model name | Dimensions (H × W × D): mm | Remarks |
|---|---|---|---|---|---|
| | Cooling | Heating | | Pipe size: mm (in) | |
| Compact cassette | 1.1 | 1.3 | AUXB004GLEH | 245 × 570 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | Cassette Grille:<br>UTG-UF∗E-W<br>UTG-UF∗C-W |
| | 2.2 | 2.8 | AUXB007GLEH | | |
| | 2.8 | 3.2 | AUXB009GLEH | | |
| | 3.6 | 4.1 | AUXB012GLEH | 245 × 570 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | AUXB014GLEH | | |
| | 5.6 | 6.3 | AUXB018GLEH | | |
| | 7.1 | 8.0 | AUXB024GLEH | 245 × 570 × 570<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| 4-way flow cassette | 5.6 | 6.3 | AUXD18GALH | 246 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | Cassette Grille:<br>UTG-UG∗A-W |
| | 7.1 | 8.0 | AUXD24GALH | | |
| | 5.6 | 6.3 | AUXA18GALH | 288 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 7.1 | 8.0 | AUXA24GALH | | |
| | 9.0 | 10.0 | AUXA30GALH | | |
| | 10.0 | 11.2 | AUXA34GALH | | |
| | 11.2 | 12.5 | AUXA36GALH | 288 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø19.05 (Ø3/4) | |
| | 12.5 | 14.0 | AUXA45GALH | | |
| | 14.0 | 16.0 | AUXA54GALH | | |
| Circular flow cassette | 5.6 | 6.3 | AUXM018GLEH | 246 × 840 × 840<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | Cassette Grille:<br>UTG-UK∗C-W<br>UTG-UK∗A-B |
| | 7.1 | 8.0 | AUXM024GLEH | 246 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | AUXM030GLEH | | |
| | 5.6 | 6.3 | AUXK018GLEH | 288 × 840 × 840<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | AUXK024GLEH | 288 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | AUXK030GLEH | | |
| | 10.0 | 11.2 | AUXK034GLEH | | |
| | 11.2 | 12.5 | AUXK036GLEH | | |
| | 12.5 | 14.0 | AUXK045GLEH | | |
| | 14.0 | 16.0 | AUXK054GLEH | | |
| 3D flow cassette | 5.6 | 6.3 | AUXS018GLEH | 200 × 1,240 × 500<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | Cassette Grille:<br>UTG-US∗A-W |
| | 7.1 | 8.0 | AUXS024GLEH | 200 × 1,240 × 500<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| One way flow cassette | 1.1 | 1.3 | AUXV004GLEH | 198 × 785 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | Cassette Grille:<br>UTG-UN∗A-W |
| | 2.2 | 2.8 | AUXV007GLEH | | |
| | 2.8 | 3.2 | AUXV009GLEH | | |
| | 3.6 | 4.0 | AUXV012GLEH | 198 × 785 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | AUXV014GLEH | 198 × 1,190 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | Cassette Grille:<br>UTG-UN∗B-W |
| | 5.6 | 6.3 | AUXV018GLEH | | |
| | 7.1 | 8.0 | AUXV024GLEH | 198 × 1,190 × 570<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |

INDOOR UNITS

| Type | Rated capacity (kW) | | Model name | Dimensions (H × W × D): mm | Remarks |
|---|---|---|---|---|---|
| | Cooling | Heating | | Pipe size: mm (in) | |
| Low static pressure duct (Mini duct) | 1.1 | 1.3 | ARXK004GLGH | 198 × 700 × 450<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.2 | 2.8 | ARXK007GLGH | | |
| | 2.8 | 3.2 | ARXK009GLGH | | |
| | 3.6 | 4.0 | ARXK012GLGH | 198 × 700 × 450<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | ARXK014GLGH | | |
| | 5.6 | 6.3 | ARXK018GLGH | 198 × 900 × 450<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | ARXK024GLGH | 198 × 1,100 × 450<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Low static pressure duct (Slim duct) /Slim concealed floor | 2.2 | 2.8 | ARXD007GLEH | 198 × 700 × 620<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.8 | 3.2 | ARXD009GLEH | | |
| | 3.6 | 4.0 | ARXD012GLEH | 198 × 700 × 620<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | ARXD014GLEH | | |
| | 5.6 | 6.3 | ARXD018GLEH | 198 × 900 × 620<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | ARXD024GLEH | 198 × 1,100 × 620<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Low static pressure duct (High efficiency) | 5.6 | 6.3 | ARXP018GLFH | 270 × 1,135 × 700<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 9.0 | 10.0 | ARXP030GLFH | 270 × 1,135 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Medium static pressure duct | 7.1 | 8.0 | ARXA024GLEH | 270 × 1,135 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | ARXA030GLEH | | |
| | 11.2 | 12.5 | ARXA036GLEH | | |
| | 12.5 | 14.0 | ARXA045GLEH | | |
| High static pressure duct | 11.2 | 12.5 | ARXC036GTEH | 400 × 1,050 × 500<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 12.5 | 14.0 | ARXC045GTEH | | |
| | 18.0 | 20.0 | ARXC060GTEH | | |
| | 22.4 | 25.0 | ARXC072GTEH | 450 × 1,587 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø19.05 (Ø3/4) | |
| | 25.0 | 28.0 | ARXC090GTEH | | |
| | 28.0 | 31.5 | ARXC096GTEH | 550 × 1,587 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø22.22 (Ø7/8) | |
| Compact floor | 1.1 | 1.3 | AG✳A004GCGH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.2 | 2.8 | AG✳A007GCGH | | |
| | 2.8 | 3.2 | AG✳A009GCGH | | |
| | 3.6 | 4.0 | AG✳A012GCGH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.0 | 4.5 | AG✳A014GCGH | | |

| Type | Rated capacity (kW) | | Model name | Dimensions (H × W × D): mm | Remarks |
|---|---|---|---|---|---|
| | Cooling | Heating | | Pipe size: mm (in) | |
| Compact floor (EEV external) | 1.1 | 1.3 | AG∗E004GCEH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | EV Kit: UTR-EV09XB |
| | 2.2 | 2.8 | AG∗E007GCEH | | |
| | 2.8 | 3.2 | AG∗E009GCEH | | |
| | 3.6 | 4.0 | AG∗E012GCEH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | EV Kit: UTR-EV14XB |
| | 4.0 | 4.5 | AG∗E014GCEH | | |
| Floor/Ceiling | 3.6 | 4.0 | AB∗A012GTEH | 199 × 990 × 655<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | AB∗A014GTEH | | |
| | 5.6 | 6.3 | AB∗A018GTEH | | |
| | 7.1 | 8.0 | AB∗A024GTEH | 199 × 990 × 655<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Ceiling | 9.0 | 10.0 | AB∗A030GTEH | 240 × 1,660 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 11.2 | 12.5 | AB∗A036GTEH | | |
| | 12.5 | 14.0 | AB∗A045GTEH | | |
| | 14.0 | 16.0 | AB∗A054GTEH | | |
| Wall mounted | 1.1 | 1.3 | AS∗A004GCGH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.2 | 2.8 | AS∗A007GCGH | | |
| | 2.8 | 3.2 | AS∗A009GCGH | | |
| | 3.6 | 4.0 | AS∗A012GCGH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.0 | 4.5 | AS∗A014GCGH | | |
| | 5.6 | 6.3 | AS∗A18GBCH | 320 × 998 × 238<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | AS∗A24GBCH | 320 × 998 × 238<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | AS∗A030GTEH | 340 × 1,150 × 280<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 10.0 | 11.2 | AS∗A034GTEH | | |
| Wall mounted (EEV external) | 1.1 | 1.3 | AS∗E004GCEH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | EV Kit: UTR-EV09XB |
| | 2.2 | 2.8 | AS∗E007GCEH | | |
| | 2.8 | 3.2 | AS∗E009GCEH | | |
| | 3.6 | 4.0 | AS∗E012GCEH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | EV Kit: UTR-EV14XB |
| | 4.0 | 4.5 | AS∗E014GCEH | | |

**NOTES:**

- For old models information, refer to the back number of this manual released before 2018 on our Pocket or Pocket Portal.
- Refer to the *DESIGN AND TECHNICAL MANUAL* for Air Handling Unit (AHU) regarding the contents of the AHU (e.g. AH∗A096GWAA).



INDOOR UNITS

# 2. Specifications

## 2-1. Compact cassette type

| Model name | | | | | AUXB004GLEH | AUXB007GLEH | AUXB009GLEH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | Cooling | | | kW | 1.1 | 2.2 | 2.8 |
| | | | | Btu/h | 3,800 | 7,500 | 9,600 |
| | Heating | | | kW | 1.3 | 2.8 | 3.2 |
| | | | | Btu/h | 4,400 | 9,600 | 10,900 |
| Input power | | | | W | 23 | 25 | |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 530/530*1 (147/147) | 540 (150) | 550 (153) |
| | | | MED—HIGH | | 490/480*1 (136/133) | 500 (139) | 520 (144) |
| | | | MED | | 450/430*1 (125/119) | 460 (128) | 480 (133) |
| | | | MED—LOW | | 420/380*1 (117/106) | 420 (117) | 440 (122) |
| | | | LOW | | 390/340*1 (108/94) | 390 (108) | 400 (111) |
| | | | QUIET | | 350/300*1 (97/83) | 350 (97) | |
| | Type × Qty | | | | Turbo × 1 | | |
| | Motor output | | | W | 54 | | |
| Sound pressure level*2 | | | HIGH | dB (A) | 34/34*1 | 34 | 35 |
| | | | MED—HIGH | | 32/31*1 | 32 | 33 |
| | | | MED | | 30/29*1 | 30 | 31 |
| | | | MED—LOW | | 28/26*1 | 28 | 29 |
| | | | LOW | | 27/24*1 | 27 | |
| | | | QUIET | | 25/21*1 | 25 | |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 210 × 1,310 × 13.3<br>210 × 1,250 × 13.3 | | |
| | Length | | | | 1,280 | | |
| | Fin pitch | | | | 1.2 | | |
| | Rows × Stages | | | | 2 × 10 | | |
| | Face area | | | $m^2$ | 0.27 | | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | |
| | Fin | Type (Material) | | | Slit (Aluminum) | | |
| | | Surface treatment | | | Hydrophilic coating | | |
| Air filter | Net material | | | | PP honeycomb | | |
| Enclosure | Material | | | | Galvanized sheet iron | | |
| | Color | | | | — | | |
| Dimensions (H × W × D) | Net | Main body | | mm | 245 × 570 × 570 | | |
| | Gross | | | | 265 × 730 × 625 | | |
| Weight | Net | | | kg | 14.5 | 15 | |
| | Gross | | | | 18 | | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 6.35 (Ø 1/4) | | |
| | Gas (Flare) | | | | Ø 9.52 (Ø 3/8) | | |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | |
| Cassette grille (Grid type: Option) | Model name | | | | UTG-UF∗E-W | | |
| | Color | | | | White<br>Approximate color of Munsell 9PB 9.1/0.2 | | |
| | Dimensions (H × W × D) | Net | | mm | 50 × 620 × 620 | | |
| | | Gross | | | 120 × 765 × 755 | | |
| | Weight | Net | | kg | 2.3 | | |
| | | Gross | | | 4.5 | | |
| Cassette grille (Standard type: Option) | Model name | | | | UTG-UF∗C-W | | |
| | Color | | | | White<br>Approximate color of Munsell N9.25/ | | |
| | Dimensions (H × W × D) | Net | | mm | 50 × 700 × 700 | | |
| | | Gross | | | 120 × 765 × 755 | | |
| | Weight | Net | | kg | 2.6 | | |
| | | Gross | | | 4.5 | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: This value is “Cooling operation/Heating operation”.
- *2: Sound pressure level:
  - Measured values in manufacturer’s anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

| Model name | | | | | AUXB012GLEH | AUXB014GLEH | AUXB018GLEH | AUXB024GLEH |
|---|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | | |
| Available voltage range | | | | | 198—264 V | | | |
| Capacity | Cooling | | | kW | 3.6 | 4.5 | 5.6 | 7.1 |
| | | | | Btu/h | 12,300 | 15,400 | 19,100 | 24,200 |
| | Heating | | | kW | 4.1 | 5.0 | 6.3 | 8.0 |
| | | | | Btu/h | 14,000 | 17,100 | 21,500 | 27,300 |
| Input power | | | | W | 29 | 35 | 36 | 84 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 600 (167) | 680 (189) | 710 (197) | 1,030 (286) |
| | | | MED—HIGH | | 560 (156) | 620 (172) | 660 (183) | 910 (253) |
| | | | MED | | 520 (144) | 560 (156) | 590 (164) | 790 (219) |
| | | | MED—LOW | | 480 (133) | 500 (139) | 520 (144) | 680 (189) |
| | | | LOW | | 430 (119) | 440 (122) | 460 (128) | 560 (156) |
| | | | QUIET | | 390 (108) | | 400 (111) | 450 (125) |
| | Type × Qty | | | | Turbo × 1 | | | |
| | Motor output | | | W | 54 | | | |
| Sound pressure level* | | | HIGH | dB (A) | 37 | 38 | 41 | 50 |
| | | | MED—HIGH | | 34 | 37 | 39 | 46 |
| | | | MED | | 33 | 34 | 36 | 43 |
| | | | MED—LOW | | 31 | 32 | 33 | 39 |
| | | | LOW | | 29 | 30 | | 35 |
| | | | QUIET | | 27 | | | 30 |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 210 × 1,310 × 13.3<br>210 × 1,250 × 13.3 | | 210 × 1,360 × 13.3<br>210 × 1,295 × 13.3<br>210 × 1,235 × 13.3 | |
| | Length | | | | 1,280 | | 1,295 | |
| | Fin pitch | | | | 1.2 | | 1.3 | |
| | Rows × Stages | | | | 2 × 10 | | 3 × 10 | |
| | Face area | | | $m^2$ | 0.27 | | 0.28 | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | | |
| | Fin | Type | | | Slit (Aluminum) | | | |
| | | Surface treatment | | | Hydrophilic coating | | | |
| Air filter | Net material | | | | PP honeycomb | | | |
| Enclosure | Material | | | | Galvanized sheet iron | | | |
| | Color | | | | — | | | |
| Dimensions (H × W × D) | Net | Main body | | mm | 245 × 570 × 570 | | | |
| | Gross | | | | 265 × 730 × 625 | | | |
| Weight | Net | | | kg | 15 | | 17 | |
| | Gross | | | | 19 | | 20 | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 6.35 (Ø 1/4) | | | Ø 9.52 (Ø 3/8) |
| | Gas (Flare) | | | | Ø 12.70 (Ø 1/2) | | | Ø 15.88 (Ø 5/8) |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | | |
| Cassette grille (Grid type: Option) | Model name | | | | UTG-UF∗E-W | | | |
| | Color | | | | White<br>Approximate color of Munsell 9PB 9.1/0.2 | | | |
| | Dimensions (H × W × D) | Net | | mm | 50 × 620 × 620 | | | |
| | | Gross | | | 120 × 765 × 755 | | | |
| | Weight | Net | | kg | 2.3 | | | |
| | | Gross | | | 4.5 | | | |
| Cassette grille (Standard type: Option) | Model name | | | | UTG-UF∗C-W | | | |
| | Color | | | | White<br>Approximate color of Munsell N9.25/ | | | |
| | Dimensions (H × W × D) | Net | | mm | 50 × 700 × 700 | | | |
| | | Gross | | | 120 × 765 × 755 | | | |
| | Weight | Net | | kg | 2.6 | | | |
| | | Gross | | | 4.5 | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

# 2-2. 4-way flow cassette type

| Model name | | | | | AUXD18GALH | AUXD24GALH |
|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | |
| Available voltage range | | | | | 198—264 V | |
| Capacity | Cooling | | | kW | 5.6 | 7.1 |
| | | | | Btu/h | 19,100 | 24,200 |
| | Heating | | | kW | 6.3 | 8.0 |
| | | | | Btu/h | 21,500 | 27,300 |
| Input power | | | | W | 39 | 46 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 1,150 (319) | 1,280 (356) |
| | | | MED | | 940 (261) | 1,040 (289) |
| | | | LOW | | 870 (242) | |
| | Type × Q'ty | | | | Turbo × 1 | |
| | Motor output | | | W | 80 | |
| Sound pressure level* | | | HIGH | dB (A) | 36 | 38 |
| | | | MED | | 30 | 33 |
| | | | LOW | | 29 | |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 210 × 2,087 × 13.3<br>210 × 2,021 × 13.3 | |
| | Length | | | | 2,054 | |
| | Fin pitch | | | | 1.2 | |
| | Rows × Stages | | | | 2 × 10 | |
| | Face area | | | $m^2$ | 0.42 | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | |
| | Fin | Type | | | Slit (Aluminum) | |
| | | Surface treatment | | | Hydrophilic coating | |
| Air filter | Type | | | | Anti-mold | |
| | Net material | | | | PP honeycomb | |
| Enclosure | Material | | | | Galvanized sheet iron | |
| | Color | | | | — | |
| Dimensions (H × W × D) | Net | Main body | | mm | 246 × 840 × 840 | |
| | Gross | | | | 318 × 960 × 980 | |
| Weight | Net | | | kg | 22 | |
| | Gross | | | | 27 | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 9.52 (Ø 3/8) | |
| | Gas (Flare) | | | | Ø 15.88 (Ø 5/8) | |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | |
| Cassette grille (Option) | Model name | | | | UTG-UG∗A-W | |
| | Color | | | | White<br>Approximate color of Munsell N9.25/ | |
| | Dimensions (H × W × D) | Net | | mm | 50 × 950 × 950 | |
| | | Gross | | | 115 × 1,020 × 1,000 | |
| | Weight | Net | | kg | 5.5 | |
| | | Gross | | | 8.5 | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

| Model name | | | | | AUXA18GALH | AUXA24GALH |
|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | |
| Available voltage range | | | | | 198—264 V | |
| Capacity | | Cooling | | kW | 5.6 | 7.1 |
| | | | | Btu/h | 19,100 | 24,200 |
| | | Heating | | kW | 6.3 | 8.0 |
| | | | | Btu/h | 21,500 | 27,300 |
| Input power | | | | W | 51 | |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 1,420 (394) | |
| | | | MED | | 1,230 (342) | |
| | | | LOW | | 1,100/1,000*1 (306/278) | |
| | Type × Q'ty | | | | Turbo × 1 | |
| | Motor output | | | W | 80 | |
| Sound pressure level*2 | | | HIGH | dB (A) | 40 | |
| | | | MED | | 36 | |
| | | | LOW | | 33/31*1 | |
| Heat exchanger type | | Dimensions (H × W × D) | | mm | 252 × 2,153 × 13.3<br>252 × 2,087 × 13.3<br>252 × 2,021 × 13.3 | |
| | | Length | | | 2,087 | |
| | | Fin pitch | | | 1.3 | |
| | | Rows × Stages | | | 3 × 12 | |
| | | Face area | | $m^2$ | 0.52 | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | |
| | | Fin | Type | | Slit (Aluminum) | |
| | | | Surface treatment | | Hydrophilic coating | |
| Air filter | | Type | | | Anti-mold | |
| | | Net material | | | PP honeycomb | |
| Enclosure | | Material | | | Galvanized sheet iron | |
| | | Color | | | — | |
| Dimensions (H × W × D) | | Net | Main body | mm | 288 × 840 × 840 | |
| | | Gross | | | 360 × 960 × 985 | |
| Weight | | Net | | kg | 27 | |
| | | Gross | | | 33 | |
| Connection pipe diameter | | Liquid (Flare) | | mm (in) | Ø 9.52 (Ø 3/8) | |
| | | Gas (Flare) | | | Ø 15.88 (Ø 5/8) | |
| | | Drain hose | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | |
| Cassette grille (Option) | | Model name | | | UTG-UG∗A-W | |
| | | Color | | | White<br>Approximate color of Munsell N9.25/ | |
| | | Dimensions (H × W × D) | Net | mm | 50 × 950 × 950 | |
| | | | Gross | | 115 × 1,020 × 1,000 | |
| | | Weight | Net | kg | 5.5 | |
| | | | Gross | | 8.5 | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: This value is “Cooling operation/Heating operation”.
- *2: Sound pressure level:
  - Measured values in manufacturer’s anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

| Model name | | | | | AUXA30GALH | AUXA34GALH |
|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | |
| Available voltage range | | | | | 198—264 V | |
| Capacity | | Cooling | | kW | 9.0 | 10.0 |
| | | | | Btu/h | 30,700 | 34,100 |
| | | Heating | | kW | 10.0 | 11.2 |
| | | | | Btu/h | 34,100 | 38,200 |
| Input power | | | | W | 59 | 77 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 1,600 (444) | 1,750 (486) |
| | | | MED | | 1,300 (361) | |
| | | | LOW | | 1,100 (306) | |
| | Type × Q'ty | | | | Turbo × 1 | |
| | Motor output | | | W | 80 | |
| Sound pressure level* | | | HIGH | dB (A) | 40 | 43 |
| | | | MED | | 38 | |
| | | | LOW | | 33 | |
| Heat exchanger type | | Dimensions (H × W × D) | | mm | 252 × 2,153 × 13.3<br>252 × 2,087 × 13.3<br>252 × 2,021 × 13.3 | |
| | | Length | | | 2,087 | |
| | | Fin pitch | | | 1.3 | |
| | | Rows × Stages | | | 3 × 12 | |
| | | Face area | | $m^2$ | 0.52 | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | |
| | | Fin | Type | | Slit (Aluminum) | |
| | | | Surface treatment | | Hydrophilic coating | |
| Air filter | | Type | | | Anti-mold | |
| | | Net material | | | PP honeycomb | |
| Enclosure | | Material | | | Galvanized sheet iron | |
| | | Color | | | — | |
| Dimensions (H × W × D) | | Net | Main body | mm | 288 × 840 × 840 | |
| | | Gross | | | 360 × 960 × 985 | |
| Weight | | Net | | kg | 27 | |
| | | Gross | | | 33 | |
| Connection pipe diameter | | Liquid (Flare) | | mm (in) | Ø 9.52 (Ø 3/8) | |
| | | Gas (Flare) | | | Ø 15.88 (Ø 5/8) | |
| | | Drain hose | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | |
| Cassette grille (Option) | | Model name | | | UTG-UG∗A-W | |
| | | Color | | | White<br>Approximate color of Munsell N9.25/ | |
| | | Dimensions (H × W × D) | Net | mm | 50 × 950 × 950 | |
| | | | Gross | | 115 × 1,020 × 1,000 | |
| | | Weight | Net | kg | 5.5 | |
| | | | Gross | | 8.5 | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

| Model name | | | | | AUXA36GALH | AUXA45GALH | AUXA54GALH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | Cooling | | | kW | 11.2 | 12.5 | 14.0 |
| | | | | Btu/h | 38,200 | 42,700 | 47,800 |
| | Heating | | | kW | 12.5 | 14.0 | 16.0 |
| | | | | Btu/h | 42,700 | 47,800 | 54,600 |
| Input power | | | | W | 80 | 99 | 119 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 1,800 (500) | 1,900 (528) | 2,000 (556) |
| | | | MED | | 1,300 (361) | 1,370 (381) | |
| | | | LOW | | 1,100 (306) | | |
| | Type × Q'ty | | | | Turbo × 1 | | |
| | Motor output | | | W | 80 | | |
| Sound pressure level* | | | HIGH | dB (A) | 44 | 46 | 47 |
| | | | MED | | 38 | 39 | |
| | | | LOW | | 33 | | |
| Heat exchanger type | Length | | | mm | 2,087 | | |
| | Fin pitch | | | | 1.3 | | |
| | Rows × Stages | | | | 3 × 12 | | |
| | Face area | | | $m^2$ | 0.52 | | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | |
| | Fin | Type | | | Slit (Aluminum) | | |
| | | Surface treatment | | | Hydrophilic coating | | |
| Air filter | Type | | | | Anti-mold | | |
| | Net material | | | | PP honeycomb | | |
| Enclosure | Material | | | | Galvanized sheet iron | | |
| | Color | | | | — | | |
| Dimensions (H × W × D) | Net | Main body | | mm | 288 × 840 × 840 | | |
| | Gross | | | | 360 × 960 × 985 | | |
| Weight | Net | | | kg | 27 | | |
| | Gross | | | | 33 | | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 9.52 (Ø 3/8) | | |
| | Gas (Flare) | | | | Ø 19.05 (Ø 3/4) | | |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | |
| Cassette grille (Option) | Model name | | | | UTG-UG∗A-W | | |
| | Color | | | | White<br>Approximate color of Munsell N9.25/ | | |
| | Dimensions (H × W × D) | Net | | mm | 50 × 950 × 950 | | |
| | | Gross | | | 115 × 1,020 × 1,000 | | |
| | Weight | Net | | kg | 5.5 | | |
| | | Gross | | | 8.5 | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

# 2-3. Circular flow cassette type

| Model name | | | | | AUXM018GLEH | AUXM024GLEH | AUXM030GLEH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | Cooling | | | kW | 5.6 | 7.1 | 9.0 |
| | | | | Btu/h | 19,100 | 24,200 | 30,700 |
| | Heating | | | kW | 6.3 | 8.0 | 10.0 |
| | | | | Btu/h | 21,500 | 27,300 | 34,100 |
| Input power | | | | W | 20 | 25 | 49 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 1,050 (292) | 1,120 (311) | 1,470 (408) |
| | | | MED—HIGH | | 930 (258) | 1,050 (292) | 1,160 (322) |
| | | | MED | | 900 (250) | 930 (258) | 1,070 (297) |
| | | | MED—LOW | | 870 (242) | 900 (250) | 930 (258) |
| | | | LOW | | 810 (225) | 870 (242) | 900 (250) |
| | | | QUIET | | 780 (217) | | |
| | Type × Q'ty | | | | Turbo × 1 | | |
| | Motor output | | | W | 81 | | |
| Sound pressure level* | | | HIGH | dB (A) | 33 | 35 | 40 |
| | | | MED—HIGH | | 32 | 33 | 36 |
| | | | MED | | 31 | 32 | 34 |
| | | | MED—LOW | | 30 | 31 | 32 |
| | | | LOW | | 29 | 30 | 31 |
| | | | QUIET | | 28 | 28 | 28 |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 210 × 2,127 × 13.3<br>210 × 2,061 × 13.3 | | |
| | Length | | | | 2,094 | | |
| | Fin pitch | | | | 1.2 | | |
| | Rows × Stages | | | | 2 × 10 | | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | |
| | Fin | Type | | | Slit (Aluminum) | | |
| | | Surface treatment | | | Hydrophilic coating | | |
| Air filter | Net material | | | | PP honeycomb | | |
| Enclosure | Material | | | | Galvanized sheet iron | | |
| | Color | | | | — | | |
| Dimensions (H × W × D) | Net | Main body | | mm | 246 × 840 × 840 | | |
| | Gross | | | | 298 × 960 × 950 | | |
| Weight | Net | | | kg | 24.0 | 24.5 | |
| | Gross | | | | 29.0 | 29.5 | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 6.35 (Ø 1/4) | Ø 9.52 (Ø 3/8) | |
| | Gas (Flare) | | | | Ø 12.70 (Ø 1/2) | Ø 15.88 (Ø 5/8) | |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | |
| Cassette grille (Option) | Material | | | | PS | | |
| | Color | | | | UTG-UK∗C-W:<br>White<br>Approximate color of Munsell N9.25/ | | |
| | | | | | UTG-UK∗A-B:<br>Black<br>Approximate color of Munsell N2/ | | |
| | Dimensions (H × W × D) | Net | | mm | 53 × 950 × 950 | | |
| | | Gross | | | 110 × 1,000 × 1,010 | | |
| | Weight | Net | | kg | 6.0 | | |
| | | Gross | | | 10.0 | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

| Model name | | | | | AUXK018GLEH | AUXK024GLEH | AUXK030GLEH | AUXK034GLEH |
|---|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | | |
| Available voltage range | | | | | 198—264 V | | | |
| Capacity | Cooling | | | kW | 5.6 | 7.1 | 9.0 | 10.0 |
| | | | | Btu/h | 19,100 | 24,200 | 30,700 | 34,100 |
| | Heating | | | kW | 6.3 | 8.0 | 10.0 | 11.2 |
| | | | | Btu/h | 21,500 | 27,300 | 34,100 | 38,200 |
| Input power | | | | W | 40 | | 47 | |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 1,420 (394) | | 1,440 (400) | |
| | | | MED—HIGH | | 1,360 (378) | | 1,400 (389) | |
| | | | MED | | 1,300 (361) | | 1,340 (372) | |
| | | | MED—LOW | | 1,270 (353) | | 1,300 (361) | |
| | | | LOW | | 1,200 (333) | | 1,280 (356) | |
| | | | QUIET | | 1,150 (319) | | | |
| | Type × Q'ty | | | | Turbo × 1 | | | |
| | Motor output | | | W | 81 | | | |
| Sound pressure level* | | | HIGH | dB (A) | 38 | | 39 | |
| | | | MED—HIGH | | 37 | | 38 | |
| | | | MED | | 36 | | 37 | |
| | | | MED—LOW | | 35 | | 36 | |
| | | | LOW | | 34 | | 35 | |
| | | | QUIET | | 33 | | | |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 252 × 2,127 × 13.3<br>252 × 2,061 × 13.3 | | 252 × 2,124 × 13.3<br>252 × 2,062 × 13.3<br>252 × 1,999 × 13.3 | |
| | Length | | | | 2,094 | | 2,062 | |
| | Fin pitch | | | | 1.2 | | 1.3 | |
| | Rows × Stages | | | | 2 × 12 | | 3 × 12 | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | | |
| | Fin | Type | | | Slit (Aluminum) | | | |
| | | Surface treatment | | | Hydrophilic coating | | | |
| Air filter | Net material | | | | PP honeycomb | | | |
| Enclosure | Material | | | | Galvanized sheet iron | | | |
| | Color | | | | — | | | |
| Dimensions (H × W × D) | Net | Main body | | mm | 288 × 840 × 840 | | | |
| | Gross | | | | 340 × 960 × 950 | | | |
| Weight | Net | | | kg | 26.5 | | 29.5 | |
| | Gross | | | | 31.5 | | 34.0 | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 6.35 (Ø 1/4) | Ø 9.52 (Ø 3/8) | | |
| | Gas (Flare) | | | | Ø 12.70 (Ø 1/2) | Ø 15.88 (Ø 5/8) | | |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | | |
| Cassette grille (Option) | Material | | | | PS | | | |
| | Color | | | | UTG-UK∗C-W:<br>White<br>Approximate color of Munsell N9.25/ | | | |
| | | | | | UTG-UK∗A-B:<br>Black<br>Approximate color of Munsell N2/ | | | |
| | Dimensions (H × W × D) | Net | | mm | 53 × 950 × 950 | | | |
| | | Gross | | | 110 × 1,000 × 1,010 | | | |
| | Weight | Net | | kg | 6.0 | | | |
| | | Gross | | | 10.0 | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

| Model name | | | | | AUXK036GLEH | AUXK045GLEH | AUXK054GLEH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | Cooling | | | kW | 11.2 | 12.5 | 14.0 |
| | | | | Btu/h | 38,200 | 42,700 | 47,800 |
| | Heating | | | kW | 12.5 | 14.0 | 16.0 |
| | | | | Btu/h | 42,700 | 47,800 | 54,600 |
| Input power | | | | W | 61 | 89 | 116 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 1,620 (450) | 1,820 (506) | 2,040 (567) |
| | | | MED—HIGH | | 1,500 (417) | 1,590 (442) | 1,800 (500) |
| | | | MED | | 1,400 (389) | 1,500 (417) | 1,590 (442) |
| | | | MED—LOW | | 1,340 (372) | 1,400 (389) | 1,440 (400) |
| | | | LOW | | 1,280 (356) | 1,300 (361) | |
| | | | QUIET | | 1,150 (319) | | |
| | Type × Q'ty | | | | Turbo × 1 | | |
| | Motor output | | | W | 81 | | |
| Sound pressure level* | | | HIGH | dB (A) | 41 | 44 | 47 |
| | | | MED—HIGH | | 40 | 42 | 45 |
| | | | MED | | 38 | 40 | 42 |
| | | | MED—LOW | | 37 | 38 | 39 |
| | | | LOW | | 35 | 36 | |
| | | | QUIET | | 33 | | |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 252 × 2,124 × 13.3<br>252 × 2,062 × 13.3<br>252 × 1,999 × 13.3 | | |
| | Length | | | | 2,062 | | |
| | Fin pitch | | | | 1.3 | | |
| | Rows × Stages | | | | 3 × 12 | | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | |
| | Fin | Type | | | Slit (Aluminum) | | |
| | | Surface treatment | | | Hydrophilic coating | | |
| Air filter | Net material | | | | PP honeycomb | | |
| Enclosure | Material | | | | Galvanized sheet iron | | |
| | Color | | | | — | | |
| Dimensions (H × W × D) | Net | Main body | | mm | 288 × 840 × 840 | | |
| | Gross | | | | 340 × 960 × 950 | | |
| Weight | Net | | | kg | 29.5 | | |
| | Gross | | | | 34 | | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 9.52 (Ø 3/8) | | |
| | Gas (Flare) | | | | Ø 15.88 (Ø 5/8) | | |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | |
| Cassette grille (Option) | Material | | | | PS | | |
| | Color | | | | UTG-UK∗C-W:<br>White<br>Approximate color of Munsell N9.25/ | | |
| | | | | | UTG-UK∗A-B:<br>Black<br>Approximate color of Munsell N2/ | | |
| | Dimensions (H × W × D) | Net | | mm | 53 × 950 × 950 | | |
| | | Gross | | | 110 × 1,000 × 1,010 | | |
| | Weight | Net | | kg | 6.0 | | |
| | | Gross | | | 10.0 | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

# 2-4. 3D flow cassette type

| Model name | | | | | AUXS018GLEH | AUXS024GLEH |
|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | |
| Available voltage range | | | | | 198—264 V | |
| Capacity | | Cooling | | kW | 5.60 | 7.10 |
| | | | | Btu/h | 19,100 | 24,200 |
| | | Heating | | kW | 6.30 | 8.00 |
| | | | | Btu/h | 21,500 | 27,300 |
| Input power*1 | | | | W | 20/28 | 34/43 |
| Fan | Airflow rate*1 | | HIGH | $m^3/h$ (l/s) | 750/870 (208/242) | 950/1,040 (264/289) |
| | | | MED—HIGH | | 710/830 (197/231) | 890/990 (247/275) |
| | | | MED | | 690/780 (192/217) | 860/930 (239/258) |
| | | | MED—LOW | | 660/740 (183/206) | 810/880 (225/244) |
| | | | LOW | | 630/700 (175/194) | 770/840 (214/233) |
| | | | QUIET | | 540/540 (150/150) | 540/540 (150/150) |
| | Type × Q'ty | | | | Sirocco × 4 | |
| | Motor output | | | W | 80 | |
| Sound pressure level*1*2 | | | HIGH | dB (A) | 38/41 | 43/46 |
| | | | MED—HIGH | | 36/40 | 42/45 |
| | | | MED | | 35/39 | 41/43 |
| | | | MED—LOW | | 35/37 | 40/42 |
| | | | LOW | | 33/36 | 38/40 |
| | | | QUIET | | 29/29 | 29/29 |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 160 × 1,045 × 60 | |
| | Length | | | | 1,045 | |
| | Fin pitch | | | | 1.20 | |
| | Rows × Stages | | | | 6 × 10 | |
| | Face area | | | $m^2$ | 0.33 | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | |
| | Fin | Type (Material) | | | Slit (Aluminum) | |
| | | Surface treatment | | | Hydrophilic coating | |
| Air filter | Net material | | | | PP honeycomb | |
| Enclosure | Material | | | | Galvanized sheet iron | |
| | Color | | | | — | |
| Dimensions (H × W × D) | Net | Main body | | mm | 200 × 1,240 × 500 | |
| | Gross | | | | 305 × 1,530 × 695 | |
| Weight | Net | | | kg | 25.0 | |
| | Gross | | | | 34.0 | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 6.35 (Ø 1/4) | Ø 9.52 (Ø 3/8) |
| | Gas (Flare) | | | | Ø 12.70 (Ø 1/2) | Ø 15.88 (Ø 5/8) |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | |
| Cassette grille (Option) | Model name | | | | UTG-US∗A-W | |
| | Color | | | | White<br>Approximate color of Munsell 10N08 | |
| | Dimensions (H × W × D) | Net | | mm | 85 × 1,350 × 580 | |
| | | Gross | | | 205 × 1,440 × 703 | |
| | Weight | Net | | kg | 11.5 | |
| | | Gross | | | 18.0 | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: This value is “Cooling operation/Heating operation”.
- *2: Sound pressure level:
  - Measured values in manufacturer’s anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

# 2-5. One way flow cassette type

| Model name | | | | | AUXV004GLEH | AUXV007GLEH | AUXV009GLEH | AUXV012GLEH |
|---|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | | |
| Available voltage range | | | | | 198—264 V | | | |
| Capacity | | Cooling | | kW | 1.1 | 2.2 | 2.8 | 3.6 |
| | | | | Btu/h | 3,800 | 7,500 | 9,600 | 12,300 |
| | | Heating | | kW | 1.3 | 2.8 | 3.2 | 4.0 |
| | | | | Btu/h | 4,400 | 9,600 | 10,900 | 13,600 |
| Input power | | | | W | 30 | 42 | | 60 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 460 (128) | 550 (153) | | 670 (186) |
| | | | MED—HIGH | | 440 (122) | 440 (122) | | 520 (144) |
| | | | MED | | 420 (117) | 420 (117) | | 480 (133) |
| | | | MED—LOW | | 400 (111) | 400 (111) | | 450 (125) |
| | | | LOW | | 380 (106) | 380 (106) | | 410 (114) |
| | | | QUIET | | 360 (100) | 360 (100) | | 360 (100) |
| | Type × Q'ty | | | | Sirocco × 2 | | | |
| | Motor output | | | W | 80 | | | |
| Sound pressure level* | | | HIGH | dB (A) | 38 | 42 | | 45 |
| | | | MED—HIGH | | 37 | 37 | | 41 |
| | | | MED | | 36 | 36 | | 39 |
| | | | MED—LOW | | 35 | 35 | | 38 |
| | | | LOW | | 33 | 33 | | 36 |
| | | | QUIET | | 32 | 32 | | 32 |
| Heat exchanger type | | Dimensions (H × W × D) | | mm | 336 × 490 × 13.3 | 336 × 490 × 26.6 | | |
| | | Length | | | 490 | | | |
| | | Fin pitch | | | 1.3 | | | |
| | | Rows × Stages | | | 1 × 16 | 2 × 16 | | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | | | |
| | | Fin | Type | | Slit (Aluminum) | | | |
| | | | Surface treatment | | Hydrophilic coating | | | |
| Air filter | | Net material | | | PP honeycomb | | | |
| Enclosure | | Material | | | Galvanized sheet iron | | | |
| | | Color | | | — | | | |
| Dimensions (H × W × D) | | Net | Main body | mm | 198 × 785 × 570 | | | |
| | | Gross | | | 305 × 1,135 × 695 | | | |
| Weight | | Net | | kg | 18 | 19 | | |
| | | Gross | | | 26 | 27 | | |
| Connection pipe diameter | | Liquid (Flare) | | mm (in) | Ø 6.35 (Ø 1/4) | | | Ø 6.35 (Ø 1/4) |
| | | Gas (Flare) | | | Ø 9.52 (Ø 3/8) | | | Ø 12.70 (Ø 1/2) |
| | | Drain hose | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | | |
| Cassette grille (Option) | | Model name | | | UTG-UN∗A-W | | | |
| | | Color | | | White<br>Approximate color of Munsell N9.25/ | | | |
| | | Dimensions (H × W × D) | Net | mm | 43 × 950 × 620 | | | |
| | | | Gross | | 150 × 1,090 × 735 | | | |
| | | Weight | Net | kg | 6.5 | | | |
| | | | Gross | | 11 | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

| Model name | | | | | AUXV014GLEH | AUXV018GLEH | AUXV024GLEH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | Cooling | | | kW | 4.5 | 5.6 | 7.1 |
| | | | | Btu/h | 15,400 | 19,100 | 24,200 |
| | Heating | | | kW | 5.0 | 6.3 | 8.0 |
| | | | | Btu/h | 17,100 | 21,500 | 27,300 |
| Input power | | | | W | 38 | 56 | 99 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 720 (200) | 890 (247) | 1,150 (319) |
| | | | MED—HIGH | | 660 (183) | 840 (233) | 1,020 (283) |
| | | | MED | | 630 (175) | 770 (214) | 940 (261) |
| | | | MED—LOW | | 600 (167) | 710 (197) | 790 (219) |
| | | | LOW | | 580 (161) | 660 (183) | 700 (194) |
| | | | QUIET | | 550 (153) | 580 (161) | 610 (169) |
| | Type × Q'ty | | | | Sirocco × 4 | | |
| | Motor output | | | W | 80 | | |
| Sound pressure level* | | | HIGH | dB (A) | 37 | 44 | 49 |
| | | | MED—HIGH | | 36 | 43 | 47 |
| | | | MED | | 35 | 40 | 45 |
| | | | MED—LOW | | 34 | 38 | 42 |
| | | | LOW | | 33 | 36 | 39 |
| | | | QUIET | | 32 | 34 | 36 |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 336 × 890 × 26.6 | | 336 × 890 × 26.6<br>126 × 890 × 13.3 |
| | Length | | | | 890 | | |
| | Fin pitch | | | | 1.3 | | 1.3, 1.45 |
| | Rows × Stages | | | | 2 × 16 | | 2 × 16, 1 × 6 |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | |
| | Fin | Type | | | Slit (Aluminum) | | |
| | | Surface treatment | | | Hydrophilic coating | | |
| Air filter | Net material | | | | PP honeycomb | | |
| Enclosure | Material | | | | Galvanized sheet iron | | |
| | Color | | | | — | | |
| Dimensions (H × W × D) | Net | Main body | | mm | 198 × 1,190 × 570 | | |
| | Gross | | | | 305 × 1,530 × 695 | | |
| Weight | Net | | | kg | 26 | | 27 |
| | Gross | | | | 36 | | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 6.35 (Ø 1/4) | | Ø 9.52 (Ø 3/8) |
| | Gas (Flare) | | | | Ø 12.70 (Ø 1/2) | | Ø 15.88 (Ø 5/8) |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | |
| Cassette grille (Option) | Model name | | | | UTG-UN∗B-W | | |
| | Color | | | | White<br>Approximate color of Munsell N9.25/ | | |
| | Dimensions (H × W × D) | Net | | mm | 43 × 1,360 × 620 | | |
| | | Gross | | | 150 × 1,495 × 735 | | |
| | Weight | Net | | kg | 8.5 | | |
| | | Gross | | | 14 | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

# 2-6. Low static pressure duct (Mini duct) type

| Model name | | | | ARXK004GLGH | ARXK007GLGH | ARXK009GLGH | ARXK012GLGH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | 230 V ~ 50 Hz | | | |
| Available voltage range | | | | 198—264 V | | | |
| Capacity | Cooling | | kW | 1.1 | 2.2 | 2.8 | 3.6 |
| | | | Btu/h | 3,800 | 7,500 | 9,600 | 12,300 |
| | Heating | | kW | 1.3 | 2.8 | 3.2 | 4.0 |
| | | | Btu/h | 4,400 | 9,600 | 11,000 | 13,600 |
| Input power | | | W | 26 | 28 | | 35 |
| Static pressure range | | | Pa | 0 to 30 | | | |
| Standard static pressure | | | Pa | 10 | | | |
| Fan | Airflow rate | HIGH | $m^3$/h (l/s) | 460 (128) | | | 550 (153) |
| | | MED—HIGH | | 440 (122) | | | 520 (144) |
| | | MED | | 420 (117) | | | 480 (133) |
| | | MED—LOW | | 400 (111) | | | 450 (125) |
| | | LOW | | 370 (103) | | | 410 (114) |
| | | QUIET | | 340 (94) | | | |
| | Type × Qty | | | Sirocco × 2 | | | |
| | Motor output | | W | 80 | | | |
| Sound pressure level* | | HIGH | dB (A) | 25 | 26 | | 29 |
| | | MED—HIGH | | 24 | 25 | | 27 |
| | | MED | | 23 | 24 | | 26 |
| | | MED—LOW | | 22 | 23 | | 25 |
| | | LOW | | 21 | 22 | | 24 |
| | | QUIET | | 20 | 21 | | 22 |
| Heat exchanger type | Dimensions (H × W × D) | | mm | 336 × 490 × 13.3 | 336 × 490 × 26.6 | | |
| | Length | | | 490 | | | |
| | Fin pitch | | | 1.3 | | | |
| | Rows × Stages | | | 1 × 16 | 2 × 16 | | |
| | Face area | | $m^2$ | 0.16 | | | |
| | Pipe type (Material) | | | Grooved H-pin (Copper) | | | |
| | Fin | Type (Material) | | Slit (Aluminum) | | | |
| | | Surface treatment | | Hydrophilic coating | | | |
| Air filter | Net material | | | PP honeycomb | | | |
| Enclosure | Material | | | Galvanized sheet iron | | | |
| | Color | | | — | | | |
| Dimensions (H × W × D) | Net | | mm | 198 × 700 × 450 | | | |
| | Gross | | | 250 × 930 × 580 | | | |
| Weight | Net | | kg | 14.5 | 15.5 | | 16 |
| | Gross | | | 18 | 19 | | 19.5 |
| Connection pipe diameter | Liquid (Flare) | | mm (in) | Ø 6.35 (Ø 1/4) | | | |
| | Gas (Flare) | | | Ø 9.52 (Ø 3/8) | | | Ø 12.70 (Ø 1/2) |
| | Drain hose | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

| Model name | | | | | ARXK014GLGH | ARXK018GLGH | ARXK024GLGH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | Cooling | | | kW | 4.5 | 5.6 | 7.1 |
| | | | | Btu/h | 15,400 | 19,100 | 24,200 |
| | Heating | | | kW | 5.0 | 6.3 | 8.0 |
| | | | | Btu/h | 17,100 | 21,500 | 27,300 |
| Input power | | | | W | 66 | 73 | 80 |
| Static pressure range | | | | Pa | 0 to 50 | | |
| Standard static pressure | | | | Pa | 15 | | |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 760 (211) | 930 (258) | 1,160 (322) |
| | | | MED—HIGH | | 660 (183) | 840 (233) | 1,060 (294) |
| | | | MED | | 560 (156) | 740 (206) | 960 (267) |
| | | | MED—LOW | | 490 (136) | 640 (178) | 860 (239) |
| | | | LOW | | 410 (114) | 540 (150) | 750 (208) |
| | | | QUIET | | 340 (94) | 470 (131) | 610 (169) |
| | Type × Qty | | | | Sirocco × 2 | Sirocco × 3 | Sirocco × 4 |
| | Motor output | | | W | 80 | 81 | |
| Sound pressure level* | | | HIGH | dB (A) | 34 | 33 | 32 |
| | | | MED—HIGH | | 31 | 30 | |
| | | | MED | | 28 | | |
| | | | MED—LOW | | 26 | | 27 |
| | | | LOW | | 24 | | 25 |
| | | | QUIET | | 22 | | |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 336 × 490 × 26.6 | 336 × 690 × 26.6 | 336 × 890 × 26.6 |
| | Length | | | | 490 | 690 | 890 |
| | Fin pitch | | | | 1.3 | | |
| | Rows × Stages | | | | 2 × 16 | | |
| | Face area | | | $m^2$ | 0.16 | 0.23 | 0.30 |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | |
| | Fin | Type | | | Slit (Aluminum) | | |
| | | Surface treatment | | | Hydrophilic coating | | |
| Air filter | Net material | | | | PP honeycomb | | |
| Enclosure | Material | | | | Galvanized sheet iron | | |
| | Color | | | | — | | |
| Dimensions (H × W × D) | Net | | | mm | 198 × 700 × 450 | 198 × 900 × 450 | 198 × 1,100 × 450 |
| | Gross | | | | 250 × 930 × 580 | 250 × 1,130 × 580 | 250 × 1,330 × 580 |
| Weight | Net | | | kg | 16.0 | 19.0 | 22.5 |
| | Gross | | | | 19.5 | 23.0 | 26.5 |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 6.35 (Ø 1/4) | | Ø 9.52 (Ø 3/8) |
| | Gas (Flare) | | | | Ø 12.70 (Ø 1/2) | | Ø 15.88 (Ø 5/8) |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

# 2-7. Low static pressure duct (Slim duct)/Slim concealed floor type

| Model name | | | | | ARXD007GLEH | ARXD009GLEH | ARXD012GLEH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | | Cooling | | kW | 2.2 | 2.8 | 3.6 |
| | | | | Btu/h | 7,500 | 9,600 | 12,300 |
| | | Heating | | kW | 2.8 | 3.2 | 4.0 |
| | | | | Btu/h | 9,600 | 10,900 | 13,600 |
| Input power | | | | W | 44 | 50 | 54 |
| Static pressure range | | | | Pa | 0 to 90 | | |
| Standard static pressure | | | | Pa | 25 | | |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 550 (153) | 600 (167) | 600 (167) |
| | | | MED—HIGH | | 480 (133) | 510 (142) | 530 (147) |
| | | | MED | | 440 (122) | 460 (128) | 490 (136) |
| | | | MED—LOW | | 410 (114) | 420 (117) | 450 (125) |
| | | | LOW | | 370 (103) | 370 (103) | 410 (114) |
| | | | QUIET | | 320 (89) | 320 (89) | 340 (94) |
| | Type × Q'ty | | | | Sirocco × 2 | | |
| | Motor output | | | W | 80 | | 81 |
| Sound pressure level* | | | HIGH | dB (A) | 28 | 29 | 30 |
| | | | MED—HIGH | | 26 | 27 | 28 |
| | | | MED | | 25 | 25 | 27 |
| | | | MED—LOW | | 24 | 24 | 26 |
| | | | LOW | | 22 | 22 | 24 |
| | | | QUIET | | 21 | 21 | 22 |
| Heat exchanger type | | Dimensions (H × W × D) | | mm | 294 × 500 ×26.6 | | 294 × 500 ×39.9 |
| | | Length | | | 500 | | |
| | | Fin pitch | | | 1.3 | | |
| | | Rows × Stages | | | 2 × 14 | | 3 × 14 |
| | | Face area | | $m^2$ | 0.15 | | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | | |
| | | Fin | Type (Material) | | Slit (Aluminum) | | |
| | | | Surface treatment | | Hydrophilic coating | | |
| Air filter | | Net material | | | PP honeycomb | | |
| Enclosure | | Material | | | Galvanized sheet iron | | |
| | | Color | | | — | | |
| Dimensions (H × W × D) | | Net | | mm | 198 × 700 × 620 | | |
| | | Gross | | | 270 × 935 × 770 | | |
| Weight | | Net | | kg | 17 | | 18 |
| | | Gross | | | 21 | | 23 |
| Connection pipe diameter | | Liquid (Flare) | | mm (in) | Ø 6.35 (Ø 1/4) | | |
| | | Gas (Flare) | | | Ø 9.52 (Ø 3/8) | | Ø 12.70 (Ø 1/2) |
| | | Drain hose | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

| Model name | | | | | ARXD014GLEH | ARXD018GLEH | ARXD024GLEH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | Cooling | | | kW | 4.5 | 5.6 | 7.1 |
| | | | | Btu/h | 15,400 | 19,100 | 24,200 |
| | Heating | | | kW | 5.0 | 6.3 | 8.0 |
| | | | | Btu/h | 17,100 | 21,500 | 27,300 |
| Input power | | | | W | 92 | 83 | 122 |
| Static pressure range | | | | Pa | 0 to 90 | | 0 to 50 |
| Standard static pressure | | | | Pa | 25 | | |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 800 (222) | 940 (261) | 1,330 (369) |
| | | | MED—HIGH | | 680 (189) | 820 (228) | 1,140 (317) |
| | | | MED | | 600 (167) | 730 (203) | 1,020 (283) |
| | | | MED—LOW | | 520 (144) | 630 (175) | 900 (250) |
| | | | LOW | | 440 (122) | 540 (150) | 780 (217) |
| | | | QUIET | | 340 (94) | 470 (131) | 610 (169) |
| | Type × Q'ty | | | | Sirocco × 2 | Sirocco × 3 | Sirocco × 4 |
| | Motor output | | | W | 81 | 96 | |
| Sound pressure level* | | | HIGH | dB (A) | 34 | | 35 |
| | | | MED—HIGH | | 32 | 31 | |
| | | | MED | | 30 | 29 | |
| | | | MED—LOW | | 28 | 27 | |
| | | | LOW | | 25 | 25 | 24 |
| | | | QUIET | | 22 | 23 | 21 |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 294 × 500 × 39.9 | 294 × 700 × 39.9 | 294 × 900 × 39.9 |
| | Length | | | | 500 | 700 | 900 |
| | Fin pitch | | | | 1.3 | | |
| | Rows × Stages | | | | 3 × 14 | | |
| | Face area | | | $m^2$ | 0.15 | 0.21 | 0.26 |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | |
| | Fin | Type | | | Slit (Aluminum) | | |
| | | Surface treatment | | | Hydrophilic coating | | |
| Air filter | Net material | | | | PP honeycomb | | |
| Enclosure | Material | | | | Galvanized sheet iron | | |
| | Color | | | | — | | |
| Dimensions (H × W × D) | Net | | | mm | 198 × 700 × 620 | 198 × 900 × 620 | 198 × 1,100 × 620 |
| | Gross | | | | 270 × 935 × 770 | 270 × 1,135 × 770 | 270 × 1,335 × 770 |
| Weight | Net | | | kg | 18 | 22 | 26 |
| | Gross | | | | 23 | 27 | 31 |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 6.35 (Ø 1/4) | | Ø 9.52 (Ø 3/8) |
| | Gas (Flare) | | | | Ø 12.70 (Ø 1/2) | | Ø 15.88 (Ø 5/8) |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

# 2-8. Low static pressure duct type (High efficiency)

| Model name | | | | ARXP018GLFH | ARXP030GLFH |
|---|---|---|---|---|---|
| Power supply | | | | 220—240 V ~ 50 Hz | |
| Available voltage range | | | | 198—264 V | |
| Capacity | Cooling | | kW | 5.6 | 9.0 |
| | | | Btu/h | 19,100 | 30,700 |
| | Heating | | kW | 6.3 | 10.0 |
| | | | Btu/h | 21,500 | 34,100 |
| Input power | | | W | 128 | 228 |
| Static pressure range | | | Pa | 0 to 80 | |
| Standard static pressure | | | Pa | 40 | 50 |
| Fan | Airflow rate | HIGH | $m^3/h$ (l/s) | 1,540/1,440*1 (428/400) | 1,940/1,660*1 (539/461) |
| | | MED—HIGH | | 1,460/1,380*1 (406/383) | 1,810/1,580*1 (503/439) |
| | | MED | | 1,380/1,320*1 (383/367) | 1,680/1,510*1 (467/419) |
| | | MED—LOW | | 1,300/1260*1 (361/350) | 1,550/1,440*1 (431/400) |
| | | LOW | | 1,220/1,200*1 (339/333) | 1,420/1,370*1 (394/381) |
| | | QUIET | | 1,150/1,150*1 (319/319) | 1,300/1,300*1 (361/361) |
| | Type × Q'ty | | | Sirocco × 2 | |
| | Motor output | | W | 197 | |
| Sound pressure level* | | HIGH | dB (A) | 35/34*1 | 39/36*1 |
| | | MED—HIGH | | 34/32*1 | 38/35*1 |
| | | MED | | 32/31*1 | 36/34*1 |
| | | MED—LOW | | 31/30*1 | 34/33*1 |
| | | LOW | | 29/29*1 | 32/31*1 |
| | | QUIET | | 28/28*1 | 30/30*1 |
| Heat exchanger type | Dimensions (H × W × D) | | mm | 294 × 1,000 × 53.2 | |
| | Length | | mm | 1,000 | |
| | Fin pitch | | | 1.4 | |
| | Rows × Stages | | | 4 × 14 | |
| | Face area | | $m^2$ | 0.29 | |
| | Pipe type (Material) | | | Grooved H-pin (Copper) | |
| | Fin | Type | | Slit (Aluminum) | |
| | | Surface treatment | | Hydrophilic coating | |
| Air filter (Option) | Model name | | | UTD-LF25NA | |
| | Net material | | | PP honeycomb | |
| Enclosure | Material | | | Galvanized steel sheet | |
| | Color | | | — | |
| Dimensions (H × W × D) | Net | | mm | 270 × 1,135 × 700 | |
| | Gross | | | 300 × 1,320 × 790 | |
| Weight | Net | | kg | 40 | |
| | Gross | | | 48 | |
| Connection pipe diameter | Liquid (Flare) | | mm (in) | Ø 6.35 (Ø 1/4) | Ø 9.52 (Ø 3/8) |
| | Gas (Flare) | | | Ø 12.70 (Ø 1/2) | Ø 15.88 (Ø 5/8) |
| | Drain hose | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: This value is “Cooling operation/Heating operation”.
- *: Sound pressure level:
  - Measured values in manufacturer’s anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

# 2-9. Medium static pressure duct type

| Model name | | | | | ARXA024GLEH | ARXA030GLEH | ARXA036GLEH | ARXA045GLEH |
|---|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | | |
| Available voltage range | | | | | 198—264 V | | | |
| Capacity | Cooling | | | kW | 7.1 | 9.0 | 11.2 | 12.5 |
| | | | | Btu/h | 24,200 | 30,700 | 38,200 | 42,700 |
| | Heating | | | kW | 8.0 | 10.0 | 12.5 | 14.0 |
| | | | | Btu/h | 27,300 | 34,100 | 42,700 | 47,800 |
| Input power | | | | W | 94 | 108 | 194 | 240 |
| Static pressure range | | | | Pa | 0 to 150 | | | |
| Standard static pressure | | | | Pa | 40 | 50 | | 60 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 1,280 (356) | 1,410 (392) | 1,840 (511) | 1,970 (547) |
| | | | MED—HIGH | | 1,180 (328) | 1,350 (375) | 1,750 (486) | 1,910 (531) |
| | | | MED | | 1,090 (303) | 1,280 (356) | 1,660 (461) | 1,860 (517) |
| | | | MED—LOW | | 1,000 (278) | 1,240 (344) | 1,600 (444) | 1,780 (494) |
| | | | LOW | | 920 (256) | 1,190 (331) | 1,530 (425) | 1,710 (475) |
| | | | QUIET | | 840 (233) | 1,150 (319) | 1,470 (408) | 1,640 (456) |
| | Type × Q'ty | | | | Sirocco × 2 | | | |
| | Motor output | | | W | 106 | 197 | | |
| Sound pressure level* | | | HIGH | dB (A) | 31 | 34 | 37 | 41 |
| | | | MED—HIGH | | 29 | 33 | 36 | 40 |
| | | | MED | | 27 | 32 | 35 | 38 |
| | | | MED—LOW | | 26 | 31 | 35 | 38 |
| | | | LOW | | 24 | 30 | 34 | 37 |
| | | | QUIET | | 23 | 29 | 33 | 36 |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 294 × 1,000 × 39.9 | 294 × 1,000 × 53.2 | | |
| | Length | | | | 1,000 | | | |
| | Fin pitch | | | | 1.4 | | | |
| | Rows × Stages | | | | 3 × 14 | 4 × 14 | | |
| | Face area | | | $m^2$ | 0.29 | | | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | | |
| | Fin | Type (Material) | | | Slit (Aluminum) | | | |
| | | Surface treatment | | | Hydrophilic coating | | | |
| Air filter (Option) | Model name | | | | UTD-LF25NA | | | |
| | Net material | | | | PP honeycomb | | | |
| Enclosure | Material | | | | Galvanized sheet iron | | | |
| | Color | | | | — | | | |
| Dimensions (H × W × D) | Net | | | mm | 270 × 1,135 × 700 | | | |
| | Gross | | | | 300 × 1,320 × 790 | | | |
| Weight | Net | | | kg | 36 | 40 | | |
| | Gross | | | | 44 | 48 | | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 9.52 (Ø 3/8) | | | |
| | Gas (Flare) | | | | Ø 15.88 (Ø 5/8) | | | |
| | Drain hose | | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

# 2-10. High static pressure duct type

| Model name | | | | ARXC036GTEH | ARXC045GTEH |
|---|---|---|---|---|---|
| Power supply | | | | 230 V ~ 50 Hz | |
| Available voltage range | | | | 198—264 V | |
| Capacity | Cooling | | kW | 11.2 | 12.5 |
| | | | Btu/h | 38,200 | 42,700 |
| | Heating | | kW | 12.5 | 14.0 |
| | | | Btu/h | 42,700 | 47,800 |
| Input power | | | W | 207 | 715 |
| Static pressure range | | | Pa | 0 to 200 | 100 to 250 |
| Standard static pressure | | | Pa | 100 | |
| Fan | Airflow rate | HIGH | $m^3$/h (l/s) | 1,990 (553) | 3,500 (972) |
| | | MED | | 1,680 (467) | 3,000 (833) |
| | | LOW | | 1,330 (369) | 2,460 (683) |
| | Type × Q'ty | | | Sirocco × 2 | |
| | Motor output | | W | 197 | 540 |
| Sound pressure level* | | HIGH | dB (A) | 42 | 49 |
| | | MED | | 36 | 45 |
| | | LOW | | 32 | 42 |
| Heat exchanger type | Dimensions (H × W × D) | | mm | 336 × 890 × 53.2 | |
| | Length | | | 890 | |
| | Fin pitch | | | 1.3 | |
| | Rows × Stages | | | 4 × 16 | |
| | Face area | | $m^2$ | 0.30 | |
| | Pipe type (Material) | | | Grooved H-pin (Copper) | |
| | Fin | Type (Material) | | Slit (Aluminum) | |
| | | Surface treatment | | Hydrophilic coating | |
| Air filter (Option) | Model name | | | UTD-LF60KA | |
| | Net material | | | PP honeycomb | |
| Enclosure | Material | | | Galvanized sheet iron | |
| | Color | | | — | |
| Dimensions (H × W × D) | Net | | mm | 400 × 1,050 × 500 | |
| | Gross | | | 460 × 1,230 × 640 | |
| Weight | Net | | kg | 40 | 46 |
| | Gross | | | 45 | 51 |
| Connection pipe diameter | Liquid (Flare) | | mm (in) | Ø 9.52 (Ø 3/8) | |
| | Gas (Flare) | | | Ø 15.88 (Ø 5/8) | |
| | Drain hose | | | VP25<br>I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

| Model name | | | | | ARXC060GTEH | ARXC072GTEH | ARXC090GTEH | ARXC096GTEH |
|---|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | | |
| Available voltage range | | | | | 198—264 V | | | |
| Capacity | Cooling | | | kW | 18.0 | 22.4 | 25.0 | 28.0 |
| | | | | Btu/h | 61,400 | 76,400 | 85,300 | 95,500 |
| | Heating | | | kW | 20.0 | 25.0 | 28.0 | 31.5 |
| | | | | Btu/h | 68,200 | 85,300 | 95,500 | 107,500 |
| Input power | | | | W | 730 | 681 | 819 | 838 |
| Static pressure range | | | | Pa | 100 to 250 | 0 to 300 | | |
| Standard static pressure | | | | Pa | 100 | 150 | | |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 3,500 (972) | 3,900 (1,083) | 4,300 (1,195) | 4,850 (1,347) |
| | | | MED | | 3,000 (833) | 3,300 (917) | 4,000 (1,111) | 4,250 (1,181) |
| | | | LOW | | 2,460 (683) | 3,000 (833) | 3,500 (972) | 3,600 (1,000) |
| | Type × Q'ty | | | | Sirocco × 2 | | | |
| | Motor output | | | W | 540 | 700 × 2 | | |
| Sound pressure level* | | | HIGH | dB (A) | 49 | 47 | 48 | 48 |
| | | | MED | | 45 | 43 | 46 | 45 |
| | | | LOW | | 42 | 40 | 44 | 42 |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 336 × 890 × 53.2 | 378 × 1,250 × 53.2 | | 508 × 1,250 × 76.2 |
| | Length | | | | 890 | 1,250 | | |
| | Fin pitch | | | | 1.45 | | | 1.60 |
| | Rows × Stages | | | | 4 × 16 | 4 × 18 | | 4 × 20 |
| | Face area | | | $m^2$ | 0.30 | 0.50 | | 0.64 |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | | |
| | Fin | Type (Material) | | | Slit (Aluminum) | | | Louver (Aluminum) |
| | | Surface treatment | | | Hydrophilic coating | | | |
| Air filter (Option) | Model name | | | | UTD-LF60KA | — | | |
| | Net material | | | | PP honeycomb | | | |
| Enclosure | Material | | | | Galvanized sheet iron | | | |
| | Color | | | | — | | | |
| Dimensions (H × W × D) | Net | | | mm | 400 × 1,050 × 500 | 450 × 1,587 × 700 | | 550 × 1,587 × 700 |
| | Gross | | | | 460 × 1,230 × 640 | 520 × 1,750 × 825 | | 620 × 1,750 × 825 |
| Weight | Net | | | kg | 46 | 84 | | 105 |
| | Gross | | | | 51 | 100 | | 125 |
| Connection pipe diameter | Liquid | | | mm (in) | Ø 9.52 (Ø 3/8) (Flare) | | | Ø 9.52 (Ø 3/8) (Brazing) |
| | Gas | | | | Ø 15.88 (Ø 5/8) (Flare) | Ø 19.05 (Ø 3/4) (Flare) | | Ø 22.22 (Ø 7/8) (Brazing) |
| | Drain hose | | | | VP25 I.D.: Ø 25 (1); O.D.: Ø 32 (1-1/4) | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

# 2-11. Compact floor type

| Model name | | | | | AG✱A004GCGH | AG✱A007GCGH | AG✱A009GCGH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | | Cooling | | kW | 1.1 | 2.2 | 2.8 |
| | | | | Btu/h | 3,800 | 7,500 | 9,600 |
| | | Heating | | kW | 1.3 | 2.8 | 3.2 |
| | | | | Btu/h | 4,400 | 9,600 | 10,900 |
| Input power | | | | W | 12/14*1 | 16 | 17 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 380/430*1 (106/119) | 470 (131) | 500 (139) |
| | | | MED—HIGH | | 350 (97) | 420 (117) | 450 (125) |
| | | | MED | | 320 (89) | 390 (108) | 400 (111) |
| | | | MED—LOW | | 310 (86) | 360 (100) | |
| | | | LOW | | 280 (78) | 330 (92) | |
| | | | QUIET | | 210 (58) | 270 (75) | |
| | Type × Q'ty | | | | Cross flow × 2 | | |
| | Motor output | | | W | 16 × 2 | | |
| Sound pressure level*2 | | | HIGH | dB (A) | 35/36*1 | 37 | 38 |
| | | | MED—HIGH | | 33 | 35 | 36 |
| | | | MED | | 31 | 33 | 34 |
| | | | MED—LOW | | 30 | 31 | |
| | | | LOW | | 28 | 29 | |
| | | | QUIET | | 22 | | |
| Heat exchanger type | | Dimensions (H × W × D) | | mm | 378 × 550 ×26.6 | | |
| | | Length | | | 550 | | |
| | | Fin pitch | | | 1.2 | | |
| | | Rows × Stages | | | 2 × 18 | | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | | |
| | | Fin | Type (Material) | | Slit (Aluminum) | | |
| | | | Surface treatment | | Hydrophilic coating | | |
| Air filter | | Net material | | | PP plain weave | | |
| Enclosure | | Material | | | Plastic | | |
| | | Color | | | White<br>Approximate color of Munsell 5Y 9/0.5NN | | |
| Dimensions (H × W × D) | | Net | | mm | 600 × 740 × 200 | | |
| | | Gross | | | 700 × 820 × 310 | | |
| Weight | | Net | | kg | 14.5 | 15 | |
| | | Gross | | | 18.5 | 19 | |
| Connection pipe diameter | | Liquid (Flare) | | mm (in) | Ø 6.35 (Ø 1/4) | | |
| | | Gas (Flare) | | | Ø 9.52 (Ø 3/8) | | |
| | | Drain hose | | | I.D.: Ø 13.8 (9/16); O.D.: Ø 15.8 to Ø 16.7 (5/8 to 11/16) | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: This value is “Cooling operation/Heating operation”.
- *2: Sound pressure level:
  - Measured values in manufacturer’s anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

| Model name | | | | | AG✱A012GCGH | AG✱A014GCGH |
|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | |
| Available voltage range | | | | | 198—264 V | |
| Capacity | | Cooling | | kW | 3.6 | 4.0 |
| | | | | Btu/h | 12,300 | 13,600 |
| | | Heating | | kW | 4.0 | 4.5 |
| | | | | Btu/h | 13,600 | 15,400 |
| Input power | | | | W | 22 | 29 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 590 (164) | 670 (186) |
| | | | MED—HIGH | | 520 (144) | 590 (164) |
| | | | MED | | 470 (131) | 520 (144) |
| | | | MED—LOW | | 420 (117) | 450 (125) |
| | | | LOW | | 390 (108) | |
| | | | QUIET | | 340 (94) | |
| | Type × Q'ty | | | | Cross flow × 2 | |
| | Motor output | | | W | 16 × 2 | |
| Sound pressure level* | | | HIGH | dB (A) | 42 | 46 |
| | | | MED—HIGH | | 39 | 42 |
| | | | MED | | 37 | 39 |
| | | | MED—LOW | | 35 | 36 |
| | | | LOW | | 33 | |
| | | | QUIET | | 30 | |
| Heat exchanger type | | Dimensions (H × W × D) | | mm | 378 × 550 ×26.6 | |
| | | Length | | | 550 | |
| | | Fin pitch | | | 1.2 | |
| | | Rows × Stages | | | 2 × 18 | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | |
| | | Fin | Type | | Slit (Aluminum) | |
| | | | Surface treatment | | Hydrophilic coating | |
| Air filter | | Net material | | | PP plain weave | |
| Enclosure | | Material | | | Plastic | |
| | | Color | | | White<br>Approximate color of Munsell 5Y 9/0.5NN | |
| Dimensions (H × W × D) | | Net | | mm | 600 × 740 × 200 | |
| | | Gross | | | 700 × 820 × 310 | |
| Weight | | Net | | kg | 15 | |
| | | Gross | | | 19 | |
| Connection pipe diameter | | Liquid (Flare) | | mm (in) | Ø 6.35 (Ø 1/4) | |
| | | Gas (Flare) | | | Ø 12.70 (Ø 1/2) | |
| | | Drain hose | | | I.D.: Ø 13.8 (9/16); O.D.: Ø 15.8 to Ø 16.7 (5/8 to 11/16) | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

# 2-12. Compact floor type (EEV external model)

| Model name | | | | | AG✱E004GCEH | AG✱E007GCEH | AG✱E009GCEH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | | Cooling | | kW | 1.1 | 2.2 | 2.8 |
| | | | | Btu/h | 3,800 | 7,500 | 9,600 |
| | | Heating | | kW | 1.3 | 2.8 | 3.2 |
| | | | | Btu/h | 4,400 | 9,600 | 10,900 |
| Input power | | | | W | 12/14*1 | 16 | 17 |
| Fan | Airflow rate | | HIGH | $m^3$/h (l/s) | 380/430*1 (106/119) | 470 (131) | 500 (139) |
| | | | MED—HIGH | | 350 (97) | 420 (117) | 450 (125) |
| | | | MED | | 320 (89) | 390 (108) | 400 (111) |
| | | | MED—LOW | | 310 (86) | 360 (100) | |
| | | | LOW | | 280 (78) | 330 (92) | |
| | | | QUIET | | 210 (58) | 270 (75) | |
| | Type × Q'ty | | | | Cross flow × 2 | | |
| | Motor output | | | W | 16 × 2 | | |
| Sound pressure level*2 | | | HIGH | dB (A) | 35/36*1 | 37 | 38 |
| | | | MED—HIGH | | 33 | 35 | 36 |
| | | | MED | | 31 | 33 | 34 |
| | | | MED—LOW | | 30 | 31 | |
| | | | LOW | | 28 | 29 | |
| | | | QUIET | | 22 | | |
| Heat exchanger type | | Dimensions (H × W × D) | | mm | 378 × 550 ×26.6 | | |
| | | Length | | | 550 | | |
| | | Fin pitch | | | 1.2 | | |
| | | Rows × Stages | | | 2 × 18 | | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | | |
| | | Fin | Type (Material) | | Slit (Aluminum) | | |
| | | | Surface treatment | | Hydrophilic coating | | |
| Air filter | | Net material | | | PP plain weave | | |
| Enclosure | | Material | | | Plastic | | |
| | | Color | | | White<br>Approximate color of Munsell 5Y 9/0.5NN | | |
| Dimensions (H × W × D) | | Net | | mm | 600 × 740 × 200 | | |
| | | Gross | | | 700 × 820 × 310 | | |
| Weight | | Net | | kg | 14.5 | | |
| | | Gross | | | 18 | 18.5 | |
| Connection pipe diameter | | Liquid (Flare) | | mm (in) | Ø 6.35 (Ø 1/4) | | |
| | | Gas (Flare) | | | Ø 9.52 (Ø 3/8) | | |
| | | Drain hose | | | I.D.: Ø 13.8 (9/16); O.D.: Ø 15.8 to Ø 16.7 (5/8 to 11/16) | | |
| EV Kit (Option) | | | | | UTR-EV09XB | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: This value is “Cooling operation/Heating operation”.
- *2: Sound pressure level:
  - Measured values in manufacturer’s anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

| Model name | | | | | AG✱E012GCEH | AG✱E014GCEH |
|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | |
| Available voltage range | | | | | 198—264 V | |
| Capacity | | Cooling | | kW | 3.6 | 4.0 |
| | | | | Btu/h | 12,300 | 13,600 |
| | | Heating | | kW | 4.0 | 4.5 |
| | | | | Btu/h | 13,600 | 15,400 |
| Input power | | | | W | 22 | 29 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 590 (164) | 670 (186) |
| | | | MED—HIGH | | 520 (144) | 590 (164) |
| | | | MED | | 470 (131) | 520 (144) |
| | | | MED—LOW | | 420 (117) | 450 (125) |
| | | | LOW | | 390 (108) | |
| | | | QUIET | | 340 (94) | |
| | Type × Q'ty | | | | Cross flow × 2 | |
| | Motor output | | | W | 16 × 2 | |
| Sound pressure level* | | | HIGH | dB (A) | 42 | 46 |
| | | | MED—HIGH | | 39 | 42 |
| | | | MED | | 37 | 39 |
| | | | MED—LOW | | 35 | 36 |
| | | | LOW | | 33 | |
| | | | QUIET | | 30 | |
| Heat exchanger type | | Dimensions (H × W × D) | | mm | 378 × 550 ×26.6 | |
| | | Length | | | 550 | |
| | | Fin pitch | | | 1.2 | |
| | | Rows × Stages | | | 2 × 18 | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | |
| | | Fin | Type | | Slit (Aluminum) | |
| | | | Surface treatment | | Hydrophilic coating | |
| Air filter | | Net material | | | PP plain weave | |
| Enclosure | | Material | | | Plastic | |
| | | Color | | | White<br>Approximate color of Munsell 5Y 9/0.5NN | |
| Dimensions (H × W × D) | | Net | | mm | 600 × 740 × 200 | |
| | | Gross | | | 700 × 820 × 310 | |
| Weight | | Net | | kg | 14.5 | |
| | | Gross | | | 18.5 | |
| Connection pipe diameter | | Liquid (Flare) | | mm (in) | Ø 6.35 (Ø 1/4) | |
| | | Gas (Flare) | | | Ø 12.70 (Ø 1/2) | |
| | | Drain hose | | | I.D.: Ø 13.8 (9/16); O.D.: Ø 15.8 to Ø 16.7 (5/8 to 11/16) | |
| EV Kit (Option) | | | | | UTR-EV14XB | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

# 2-13. Floor/Ceiling type

| Model name | | | | | AB✱A012GTEH | AB✱A014GTEH | AB✱A018GTEH | AB✱A024GTEH |
|---|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | | |
| Available voltage range | | | | | 198—264 V | | | |
| Capacity | Cooling | | | kW | 3.6 | 4.5 | 5.6 | 7.1 |
| | | | | Btu/h | 12,300 | 15,400 | 19,100 | 24,200 |
| | Heating | | | kW | 4.0 | 5.0 | 6.3 | 8.0 |
| | | | | Btu/h | 13,600 | 17,100 | 21,500 | 27,300 |
| Input power | | | | W | 30 | 42 | 74 | 99 |
| Fan | Airflow rate | | HIGH | $m^3$/h (l/s) | 660 (183) | 780 (217) | 1,000 (278) | |
| | | | MED—HIGH | | 620 (172) | 740 (206) | 910 (253) | 930 (258) |
| | | | MED | | 580 (161) | 690 (192) | 830 (231) | 870 (242) |
| | | | MED—LOW | | 550 (153) | 640 (178) | 750 (208) | 800 (222) |
| | | | LOW | | 520(144) | 600 (167) | 660 (183) | 740 (206) |
| | | | QUIET | | 490 (136) | 550 (153) | 580(161) | 680(189) |
| | Type × Qty | | | | Sirocco × 2 | | | |
| | Motor output | | | W | 80 | | | |
| Sound pressure level* | | | HIGH | dB (A) | 36 | 40 | 46 | 47 |
| | | | MED—HIGH | | 34 | 39 | 44 | 45 |
| | | | MED | | 33 | 38 | 42 | 43 |
| | | | MED—LOW | | 31 | 36 | 40 | 41 |
| | | | LOW | | 29 | 35 | 37 | 39 |
| | | | QUIET | | 28 | 34 | 35 | 37 |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 252 × 800 ×26.6 | 252 × 800 ×39.9 | | 252 × 800 ×53.2 |
| | Length | | | | 800 | | | |
| | Fin pitch | | | | 1.2 | 1.3 | | |
| | Rows × Stages | | | | 2 × 12 | 3 × 12 | | 4 × 12 |
| | Face area | | | $m^2$ | 0.2 | | | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | | |
| | Fin | Type (Material) | | | Slit (Aluminum) | | | |
| | | Surface treatment | | | Hydrophilic coating | | | |
| Air filter | Net material | | | | PP monofilament net | | | |
| Enclosure | Material | | | | Plastic | | | |
| | Color | | | | White<br>Approximate color of Munsell N9.25/ | | | |
| Dimensions (H × W × D) | Net | | | mm | 199 × 990 × 655 | | | |
| | Gross | | | | 320 × 1,150 × 790 | | | |
| Weight | Net | | | kg | 25 | 26 | | 27 |
| | Gross | | | | 35 | 36 | | 38 |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø6.35 (Ø1/4) | | | Ø9.52 (Ø3/8) |
| | Gas (Flare) | | | | Ø12.70 (Ø1/2) | | | Ø15.88 (Ø5/8) |
| | Drain hose | | | | VP25<br>I.D.: Ø25 (Ø1); O.D.: Ø32 (Ø1-1/4) | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

# 2-14. Ceiling type

| Model name | | | | | AB✱A030GTEH | AB✱A036GTEH | AB✱A045GTEH | AB✱A054GTEH |
|---|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | | |
| Available voltage range | | | | | 198—264 V | | | |
| Capacity | Cooling | | | kW | 9.0 | 11.2 | 12.5 | 14.0 |
| | | | | Btu/h | 30,700 | 38,200 | 42,700 | 47,800 |
| | Heating | | | kW | 10.0 | 12.5 | 14.0 | 16.0 |
| | | | | Btu/h | 34,100 | 42,700 | 47,800 | 54,600 |
| Input power | | | | W | 66 | 85 | 131 | 180 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 1,630 (453) | 1,690 (469) | 2,010 (558) | 2,270 (631) |
| | | | MED—HIGH | | 1,520 (422) | 1,560 (433) | 1,840 (511) | 2,070 (575) |
| | | | MED | | 1,420 (394) | 1,450 (403) | 1,690 (469) | 1,860 (517) |
| | | | MED—LOW | | 1,320 (367) | 1,360 (378) | 1,530 (425) | 1,660 (461) |
| | | | LOW | | 1,220 (339) | 1,270 (353) | 1,380 (383) | 1,470 (408) |
| | | | QUIET | | 1,140(317) | 1,170(325) | 1,230(342) | 1,280(356) |
| | Type × Q'ty | | | | Sirocco × 4 | | | |
| | Motor output | | | W | 130 | | | |
| Sound pressure level* | | | HIGH | dB (A) | 42 | 45 | 48 | 51 |
| | | | MED—HIGH | | 40 | 41 | 46 | 49 |
| | | | MED | | 39 | | 45 | 46 |
| | | | MED—LOW | | 37 | 38 | 41 | 43 |
| | | | LOW | | 35 | 36 | 38 | 40 |
| | | | QUIET | | 33 | 34 | 35 | 36 |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 252 × 1,350 ×39.9 | Main: 252 × 1,350 ×39.9<br>Sub: 168 × 1,350 × 13.3 | | |
| | Length | | | | 1,350 | | | |
| | Fin pitch | | | | 1.45 | | | |
| | Rows × Stages | | | | 3 × 12 | Main: 3 × 12<br>Sub: 1 × 8 | | |
| | Face area | | | $m^2$ | 0.34 | | | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | | |
| | Fin | Type (Material) | | | Slit (Aluminum) | | | |
| | | Surface treatment | | | Hydrophilic coating | | | |
| Air filter | Net material | | | | PP monofilament net | | | |
| Enclosure | Material | | | | Plastic | | | |
| | Color | | | | White<br>Approximate color of Munsell N9.25/ | | | |
| Dimensions (H × W × D) | Net | | | mm | 240 × 1,660 × 700 | | | |
| | Gross | | | | 318 × 1,800 × 790 | | | |
| Weight | Net | | | kg | 46 | 48 | | |
| | Gross | | | | 59 | 61 | | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø9.52 (Ø3/8) | | | |
| | Gas (Flare) | | | | Ø15.88 (Ø5/8) | | | |
| | Drain hose | | | | VP25<br>I.D.: Ø25 (Ø1); O.D.: Ø32 (Ø1-1/4) | | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

# 2-15. Wall mounted type

| Model name | | | | | AS✱A004GCGH | AS✱A007GCGH | AS✱A009GCGH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | Cooling | | | kW | 1.1 | 2.2 | 2.8 |
| | | | | Btu/h | 3,800 | 7,500 | 9,600 |
| | Heating | | | kW | 1.3 | 2.8 | 3.2 |
| | | | | Btu/h | 4,400 | 9,600 | 10,900 |
| Input power | | | | W | 12 | 16 | 20 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 450 (125) | 550 (153) | 610 (169) |
| | | | MED—HIGH | | 430 (119) | 510 (142) | 560 (156) |
| | | | MED | | 400 (111) | 470 (131) | 510 (142) |
| | | | MED—LOW | | 380 (106) | 410 (114) | 440 (122) |
| | | | LOW | | 360 (100) | | |
| | | | QUIET | | 310 (86) | | |
| | Type × Qty | | | | Crossflow × 1 | | |
| | Motor output | | | W | 30 | | |
| Sound pressure level* | | | HIGH | dB (A) | 31 | 34 | 37 |
| | | | MED—HIGH | | 30 | 32 | 35 |
| | | | MED | | 28 | 30 | 32 |
| | | | MED—LOW | | 27 | 28 | 29 |
| | | | LOW | | 26 | 26 | |
| | | | QUIET | | 22 | | |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 320 × 630 × 20 | Main: 320 × 630 × 20<br>Sub: 84 × 630 × 13.3 | |
| | Length | | | | 630 | | |
| | Fin pitch | | | | 1.1 | Main: 1.1<br>Sub: 1.4 | |
| | Rows × Stages | | | | 2 × 20 | Main: 2 × 20<br>Sub: 1 × 4 | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | |
| | Fin | Type (Material) | | | Slit (Aluminum) | | |
| | | Surface treatment | | | Hydrophilic coating | | |
| Air filter | Net material | | | | PP honeycomb | | |
| Enclosure | Material | | | | Plastic | | |
| | Color | | | | White<br>Approximate color of Munsell N9.25/ | | |
| Dimensions (H × W × D) | Net | Main body | | mm | 268 × 840 × 203 | | |
| | Gross | | | | 270 × 884 × 336 | | |
| Weight | Net | | | kg | 8.0 | 8.5 | |
| | Gross | | | | 10.5 | 11.0 | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 6.35 (Ø 1/4) | | |
| | Gas (Flare) | | | | Ø 9.52 (Ø 3/8) | | |
| | Drain hose | | | | I.D.: Ø 13.8 (9/16); O.D.: Ø 15.8 to Ø 16.7 (5/8 to 11/16) | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



INDOOR UNITS

| Model name | | | | AS✱A012GCGH | AS✱A014GCGH |
|---|---|---|---|---|---|
| Power supply | | | | 230 V ~ 50 Hz | |
| Available voltage range | | | | 198—264 V | |
| Capacity | Cooling | | kW | 3.6 | 4.0 |
| | | | Btu/h | 12,300 | 13,600 |
| | Heating | | kW | 4.0 | 4.5 |
| | | | Btu/h | 13,600 | 15,400 |
| Input power | | | W | 25 | 36 |
| Fan | Airflow rate | HIGH | $m^3/h$ (l/s) | 690 (192) | 800 (222) |
| | | MED—HIGH | | 610 (169) | 740 (206) |
| | | MED | | 560 (156) | 680 (189) |
| | | MED—LOW | | 530 (147) | 610 (169) |
| | | LOW | | 470 (131) | 550 (153) |
| | | QUIET | | 330 (92) | |
| | Type × Qty | | | Crossflow × 1 | |
| | Motor output | | W | 30 | |
| Sound pressure level* | | HIGH | dB (A) | 40 | 44 |
| | | MED—HIGH | | 37 | 42 |
| | | MED | | 35 | 40 |
| | | MED—LOW | | 33 | 37 |
| | | LOW | | 30 | 34 |
| | | QUIET | | 24 | |
| Heat exchanger type | Dimensions (H × W × D) | | mm | Main: 320 × 630 × 20<br>Sub: 84 × 630 × 13.3 | |
| | Length | | | 630 | |
| | Fin pitch | | | Main: 1.1, Sub: 1.4 | |
| | Rows × Stages | | | Main: 2 × 20<br>Sub: 1 × 4 | |
| | Face area | | | — | |
| | Pipe type (Material) | | | Grooved H-pin (Copper) | |
| | Fin | Type | | Slit (Aluminum) | |
| | | Surface treatment | | Hydrophilic coating | |
| Air filter | Net material | | | PP honeycomb | |
| Enclosure | Material | | | Plastic | |
| | Color | | | White<br>Approximate color of Munsell N9.25/ | |
| Dimensions (H × W × D) | Net | Main body | mm | 268 × 840 × 203 | |
| | Gross | | | 270 × 884 × 336 | |
| Weight | Net | | kg | 8.5 | |
| | Gross | | | 11 | |
| Connection pipe diameter | Liquid (Flare) | | mm (in) | Ø 6.35 (Ø 1/4) | |
| | Gas (Flare) | | | Ø 12.70 (Ø 1/2) | |
| | Drain hose | | | I.D.: Ø 13.8 (9/16); O.D.: Ø 15.8 to Ø 16.7 (5/8 to 11/16) | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

| Model name | | | | | AS✱A18GBCH | AS✱A24GBCH | AS✱A030GTEH | AS✱A034GTEH |
|---|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | | |
| Available voltage range | | | | | 198—264 V | | | |
| Capacity | Cooling | | | kW | 5.6 | 7.1 | 9.0 | 10.0 |
| | | | | Btu/h | 19,100 | 24,200 | 30,700 | 34,100 |
| | Heating | | | kW | 6.3 | 8.0 | 10.0 | 11.2 |
| | | | | Btu/h | 21,500 | 27,300 | 34,100 | 38,200 |
| Input power | | | | W | 32 | 60 | 74 | 103 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 840 (233) | 1,100 (306) | 1,440 (400) | 1,620/1,520*1 (450/422) |
| | | | MED—HIGH | | — | | 1,200 (333) | 1,300 (361) |
| | | | MED | | 770 (214) | 910 (253) | 1,050 (292) | 1,120 (311) |
| | | | MED—LOW | | — | | 940 (261) | 980 (272) |
| | | | LOW | | 690 (192) | 730 (203) | 890 (247) | |
| | | | QUIET | | — | | 700 (194) | |
| | Type × Qty | | | | Crossflow × 1 | | | |
| | Motor output | | | W | 42 | | 61 | |
| Sound pressure level*2 | | | HIGH | dB (A) | 41 | 48 | 53 | 55/54*1 |
| | | | MED—HIGH | | — | | 49 | 51 |
| | | | MED | | 39 | 43 | 45 | 47 |
| | | | MED—LOW | | — | | 42 | 43 |
| | | | LOW | | 35 | | 39 | |
| | | | QUIET | | — | | 33 | |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | Main: 378 × 817 × 26.6<br>Sub1: 84 × 817 × 13.3<br>Sub2: 84 × 817 × 13.3 | | Main: 462 × 900 × 26.6<br>Sub1: 126 × 900 × 13.3<br>Sub2: 84 × 900 × 13.3 | |
| | Length | | | | 817 | | 900 | |
| | Fin pitch | | | | Main: 1.2<br>Sub: 1.4 | | Main: 1.2<br>Sub: 1.4 | |
| | Rows × Stages | | | | Main: 2 × 18<br>Sub1: 1 × 4<br>Sub2: 1 × 4 | | Main: 2 × 22<br>Sub1: 1 × 6<br>Sub2: 1 × 4 | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | | |
| | Fin | Type | | | Slit (Aluminum) | | | |
| | | Surface treatment | | | Hydrophilic coating | | | |
| Air filter | Net material | | | | PP monofilament net | | PP plain weave | |
| Enclosure | Material | | | | Plastic | | | |
| | Color | | | | White<br>Approximate color of Munsell N9.25/ | | | |
| Dimensions (H × W × D) | Net | Main body | | mm | 320 × 998 × 238 | | 340 × 1,150 × 280 | |
| | Gross | | | | 329 × 1,090 × 429 | | 405 × 1,270 × 450 | |
| Weight | Net | | | kg | 15 | | 18 | |
| | Gross | | | | 19 | | 24 | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø 6.35 (Ø 1/4) | Ø 9.52 (Ø 3/8) | | |
| | Gas (Flare) | | | | Ø 12.70 (Ø 1/2) | Ø 15.88 (Ø 5/8) | | |
| | Drain hose | | | | I.D.: Ø 12 (1/2); O.D.: Ø 16 (5/8) | | I.D.: Ø 13.8 (9/16)<br>O.D.: Ø 15.8 to Ø 16.7 (5/8 to 11/16) | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: This value is “Cooling operation/Heating operation”.
- *2: Sound pressure level:
  - Measured values in manufacturer’s anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

# 2-16. Wall mounted type (EEV external model)

| Model name | | | | | AS✱E004GCEH | AS✱E007GCEH | AS✱E009GCEH |
|---|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | | 198—264 V | | |
| Capacity | Cooling | | | kW | 1.1 | 2.2 | 2.8 |
| | | | | Btu/h | 3,800 | 7,500 | 9,600 |
| | Heating | | | kW | 1.3 | 2.8 | 3.2 |
| | | | | Btu/h | 4,400 | 9,600 | 10,900 |
| Input power | | | | W | 12 | 16 | 20 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 450 (125) | 550 (153) | 610 (169) |
| | | | MED—HIGH | | 430 (119) | 510 (142) | 560 (156) |
| | | | MED | | 400 (111) | 470 (131) | 510 (142) |
| | | | MED—LOW | | 380 (106) | 410 (114) | 440 (122) |
| | | | LOW | | 360 (100) | | |
| | | | QUIET | | 310 (86) | | |
| | Type × Q'ty | | | | Crossflow × 1 | | |
| | Motor output | | | W | 30 | | |
| Sound pressure level* | | | HIGH | dB (A) | 31 | 34 | 37 |
| | | | MED—HIGH | | 30 | 32 | 35 |
| | | | MED | | 28 | 30 | 32 |
| | | | MED—LOW | | 27 | 28 | 29 |
| | | | LOW | | 26 | | |
| | | | QUIET | | 22 | | |
| Heat exchanger type | Dimensions (H × W × D) | | | mm | 320 × 630 × 20 | Main: 320 × 630 × 20<br>Sub: 84 × 630 × 13.3 | |
| | Length | | | | 630 | | |
| | Fin pitch | | | | 1.1 | Main: 1.1<br>Sub: 1.4 | |
| | Rows × Stages | | | | 2 × 20 | Main: 2 × 20<br>Sub: 1 × 4 | |
| | Pipe type (Material) | | | | Grooved H-pin (Copper) | | |
| | Fin | Type (Material) | | | Slit (Aluminum) | | |
| | | Surface treatment | | | Hydrophilic coating | | |
| Air filter | Net material | | | | PP honeycomb | | |
| Enclosure | Material | | | | Plastic | | |
| | Color | | | | White<br>Approximate color of Munsell N9.25/ | | |
| Dimensions (H × W × D) | Net | Main body | | mm | 268 × 840 × 203 | | |
| | Gross | | | | 270 × 884 × 336 | | |
| Weight | Net | | | kg | 8.0 | 8.5 | |
| | Gross | | | | 10.5 | 11.0 | |
| Connection pipe diameter | Liquid (Flare) | | | mm (in) | Ø6.35 (Ø1/4) | | |
| | Gas (Flare) | | | | Ø9.52 (Ø3/8) | | |
| | Drain hose | | | | I.D.: Ø13.8 (Ø9/16); O.D.: Ø15.8 to Ø16.7 (Ø5/8 to Ø11/16) | | |
| EV Kit (Option) | | | | | UTR-EV09XB | | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

| Model name | | | | | AS✱E012GCEH | AS✱E014GCEH |
|---|---|---|---|---|---|---|
| Power supply | | | | | 230 V ~ 50 Hz | |
| Available voltage range | | | | | 198—264 V | |
| Capacity | | Cooling | | kW | 3.6 | 4.0 |
| | | | | Btu/h | 12,300 | 13,600 |
| | | Heating | | kW | 4.0 | 4.5 |
| | | | | Btu/h | 13,600 | 15,400 |
| Input power | | | | W | 25 | 36 |
| Fan | Airflow rate | | HIGH | $m^3/h$ (l/s) | 690 (192) | 800 (222) |
| | | | MED—HIGH | | 610 (169) | 740 (206) |
| | | | MED | | 560 (156) | 680 (189) |
| | | | MED—LOW | | 530 (147) | 610 (169) |
| | | | LOW | | 470 (131) | 550 (153) |
| | | | QUIET | | 330 (92) | |
| | Type × Q'ty | | | | Crossflow × 1 | |
| | Motor output | | | W | 30 | |
| Sound pressure level* | | | HIGH | dB (A) | 40 | 44 |
| | | | MED—HIGH | | 37 | 42 |
| | | | MED | | 35 | 40 |
| | | | MED—LOW | | 33 | 37 |
| | | | LOW | | 30 | 34 |
| | | | QUIET | | 24 | |
| Heat exchanger type | | Dimensions (H × W × D) | | mm | Main: 320 × 630 × 20<br>Sub: 84 × 630 × 13.3 | |
| | | Length | | | 630 | |
| | | Fin pitch | | | Main: 1.1<br>Sub: 1.4 | |
| | | Rows × Stages | | | Main: 2 × 20<br>Sub: 1 × 4 | |
| | | Face area | | | — | |
| | | Pipe type (Material) | | | Grooved H-pin (Copper) | |
| | | Fin | Type | | Slit (Aluminum) | |
| | | | Surface treatment | | Hydrophilic coating | |
| Air filter | | Net material | | | PP honeycomb | |
| Enclosure | | Material | | | Plastic | |
| | | Color | | | White<br>Approximate color of Munsell N9.25/ | |
| Dimensions (H × W × D) | | Net | Main body | mm | 268 × 840 × 203 | |
| | | Gross | | | 270 × 884 × 336 | |
| Weight | | Net | | kg | 8.5 | |
| | | Gross | | | 11 | |
| Connection pipe diameter | | Liquid (Flare) | | mm (in) | Ø6.35 (Ø1/4) | |
| | | Gas (Flare) | | | Ø12.70 (Ø1/2) | |
| | | Drain hose | | | I.D.: Ø13.8 (Ø9/16); O.D.: Ø15.8 to Ø16.7 (Ø5/8 to Ø11/16) | |
| EV Kit (Option) | | | | | UTR-EV14XB | |

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.


INDOOR UNITS

# 3. Electrical characteristics

| Indoor unit | | Power supply: 50 Hz, 230 V | | Indoor rated | |
|---|---|---|---|---|---|
| Type | Model name | MCA | MFA | Input power | Current |
| | | A | A | W | A |
| Compact cassette | AUXB004GLEH | 0.20 | 20 | 23 | 0.17 |
| | AUXB007GLEH | 0.20 | | 25 | 0.17 |
| | AUXB009GLEH | 0.20 | | 25 | 0.17 |
| | AUXB012GLEH | 0.24 | | 29 | 0.20 |
| | AUXB014GLEH | 0.29 | | 35 | 0.24 |
| | AUXB018GLEH | 0.30 | | 36 | 0.25 |
| | AUXB024GLEH | 0.75 | | 84 | 0.62 |
| 4-way flow cassette | AUXD18GALH | 0.32 | 20 | 39 | 0.27 |
| | AUXD24GALH | 0.38 | | 46 | 0.32 |
| | AUXA18GALH | 0.46 | | 51 | 0.38 |
| | AUXA24GALH | 0.46 | | 51 | 0.38 |
| | AUXA30GALH | 0.51 | | 59 | 0.42 |
| | AUXA34GALH | 0.61 | | 77 | 0.51 |
| | AUXA36GALH | 0.64 | | 80 | 0.53 |
| | AUXA45GALH | 0.83 | | 99 | 0.69 |
| | AUXA54GALH | 0.94 | | 119 | 0.78 |
| Circular flow cassette | AUXM018GLEH | 0.24 | 20 | 20 | 0.20 |
| | AUXM024GLEH | 0.29 | | 25 | 0.24 |
| | AUXM030GLEH | 0.50 | | 49 | 0.41 |
| | AUXK018GLEH | 0.41 | | 40 | 0.34 |
| | AUXK024GLEH | 0.41 | | 40 | 0.34 |
| | AUXK030GLEH | 0.46 | | 47 | 0.38 |
| | AUXK034GLEH | 0.46 | | 47 | 0.38 |
| | AUXK036GLEH | 0.57 | | 61 | 0.47 |
| | AUXK045GLEH | 0.81 | | 89 | 0.67 |
| | AUXK054GLEH | 1.04 | | 116 | 0.86 |
| 3D flow cassette | AUXS018GLEH | 0.44 | 20 | 20/28* | 0.22/0.27* |
| | AUXS024GLEH | 0.65 | | 34/43* | 0.31/0.38* |
| One way flow cassette | AUXV004GLEH | 0.34 | 20 | 30 | 0.23 |
| | AUXV007GLEH | 0.38 | | 42 | 0.34 |
| | AUXV009GLEH | 0.38 | | 42 | 0.34 |
| | AUXV012GLEH | 0.56 | | 60 | 0.49 |
| | AUXV014GLEH | 0.36 | | 38 | 0.30 |
| | AUXV018GLEH | 0.51 | | 56 | 0.45 |
| | AUXV024GLEH | 0.93 | | 99 | 0.82 |
| Low static pressure duct (Mini duct) | ARXK004GLGH | 0.32 | 20 | 26 | 0.21 |
| | ARXK007GLGH | 0.34 | | 28 | 0.23 |
| | ARXK009GLGH | 0.34 | | 28 | 0.23 |
| | ARXK012GLGH | 0.44 | | 35 | 0.30 |
| | ARXK014GLGH | 0.81 | | 66 | 0.54 |
| | ARXK018GLGH | 0.94 | | 73 | 0.55 |
| | ARXK024GLGH | 1.04 | | 80 | 0.61 |
| Low static pressure duct (Slim duct)/Slim concealed floor | ARXD007GLEH | 0.38 | 20 | 44 | 0.31 |
| | ARXD009GLEH | 0.42 | | 50 | 0.35 |
| | ARXD012GLEH | 0.46 | | 54 | 0.38 |
| | ARXD014GLEH | 0.74 | | 92 | 0.61 |
| | ARXD018GLEH | 0.66 | | 83 | 0.55 |
| | ARXD024GLEH | 0.94 | | 122 | 0.78 |
| Low static pressure duct (High efficiency) | ARXP018GLFH | 1.07 | 20 | 128 | 0.81 |
| | ARXP030GLFH | 1.49 | | 228 | 1.31 |



INDOOR UNITS

| Indoor unit | | Power supply: 50 Hz, 230 V | | Indoor rated | |
|---|---|---|---|---|---|
| Type | Model name | MCA | MFA | Input power | Current |
| | | A | A | W | A |
| Medium static pressure duct | ARXA024GLEH | 1.00 | 20 | 94 | 0.60 |
| | ARXA030GLEH | 1.12 | | 108 | 0.69 |
| | ARXA036GLEH | 1.68 | | 194 | 1.18 |
| | ARXA045GLEH | 2.12 | | 240 | 1.43 |
| High static pressure duct | ARXC036GTEH | 1.50 | 20 | 207 | 1.25 |
| | ARXC045GTEH | 3.77 | | 715 | 3.14 |
| | ARXC060GTEH | 3.78 | | 730 | 3.15 |
| | ARXC072GTEH | 6.59 | | 681 | 4.10 |
| | ARXC090GTEH | 6.97 | | 819 | 4.86 |
| | ARXC096GTEH | 9.02 | | 838 | 4.89 |
| Compact floor | AG∗A004GCGH | 0.16 | 20 | 12/14* | 0.13 |
| | AG∗A007GCGH | 0.17 | | 16 | 0.14 |
| | AG∗A009GCGH | 0.18 | | 17 | 0.15 |
| | AG∗A012GCGH | 0.22 | | 22 | 0.18 |
| | AG∗A014GCGH | 0.28 | | 29 | 0.23 |
| Compact floor (EEV external) | AG∗E004GCEH | 0.16 | 20 | 12/14* | 0.13 |
| | AG∗E007GCEH | 0.17 | | 16 | 0.14 |
| | AG∗E009GCEH | 0.18 | | 17 | 0.15 |
| | AG∗E012GCEH | 0.22 | | 22 | 0.18 |
| | AG∗E014GCEH | 0.28 | | 29 | 0.23 |
| Floor/Ceiling | AB∗A012GTEH | 0.30 | 20 | 30 | 0.25 |
| | AB∗A014GTEH | 0.41 | | 42 | 0.34 |
| | AB∗A018GTEH | 0.69 | | 74 | 0.57 |
| | AB∗A024GTEH | 0.84 | | 99 | 0.70 |
| Ceiling | AB∗A030GTEH | 0.52 | 20 | 66 | 0.43 |
| | AB∗A036GTEH | 0.66 | | 85 | 0.55 |
| | AB∗A045GTEH | 0.98 | | 131 | 0.81 |
| | AB∗A054GTEH | 1.32 | | 180 | 1.10 |
| Wall mounted | AS∗A004GCGH | 0.15 | 20 | 12 | 0.12 |
| | AS∗A007GCGH | 0.20 | | 16 | 0.16 |
| | AS∗A009GCGH | 0.22 | | 20 | 0.18 |
| | AS∗A012GCGH | 0.30 | | 25 | 0.25 |
| | AS∗A014GCGH | 0.36 | | 36 | 0.30 |
| | AS∗A18GBCH | 0.40 | | 32 | 0.33 |
| | AS∗A24GBCH | 0.63 | | 60 | 0.52 |
| | AS∗A030GTEH | 0.66 | | 74 | 0.55 |
| | AS∗A034GTEH | 0.87 | | 103 | 0.72 |
| Wall mounted (EEV external) | AS∗E004GCEH | 0.15 | 20 | 12 | 0.12 |
| | AS∗E007GCEH | 0.20 | | 16 | 0.16 |
| | AS∗E009GCEH | 0.22 | | 20 | 0.18 |
| | AS∗E012GCEH | 0.30 | | 25 | 0.25 |
| | AS∗E014GCEH | 0.36 | | 36 | 0.30 |

MCA: Minimum Circuit Ampacity = Maximum operating current (Full load)

MFA: Main Fuse (circuit breaker) Ampacity

*: This value is “Cooling operation/Heating operation”.



INDOOR UNITS

# 4. Dimensions

## 4-1. Compact cassette type

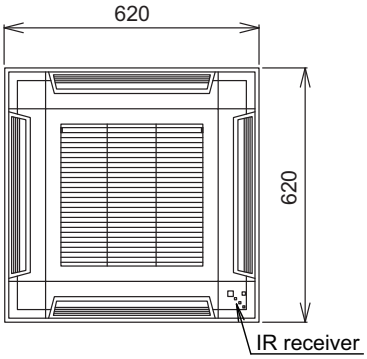
### ■ Models: AUXB004GLEH, AUXB007GLEH, AUXB009GLEH, AUXB012GLEH, AUXB014GLEH, AUXB018GLEH, and AUXB024GLEH

Unit: mm

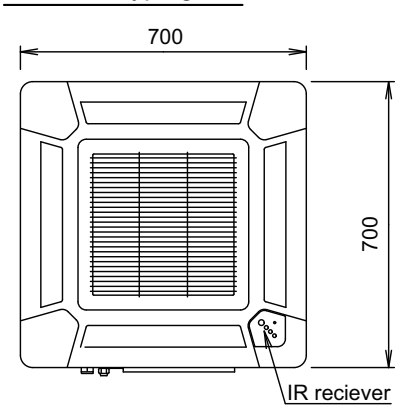


INDOOR UNITS

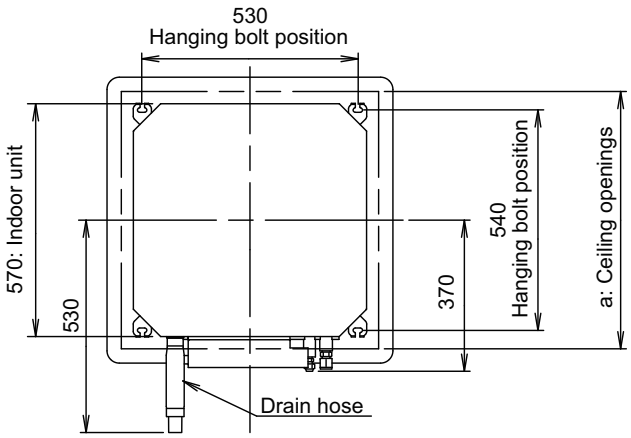
Grid type grille

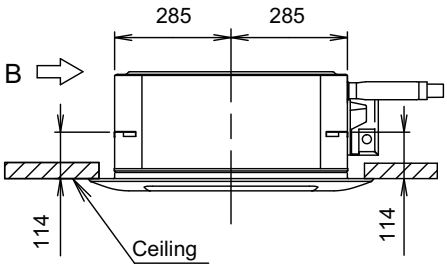


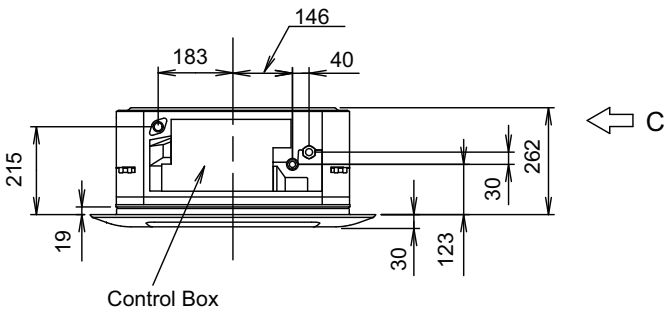

Standard type grille




View A



View B

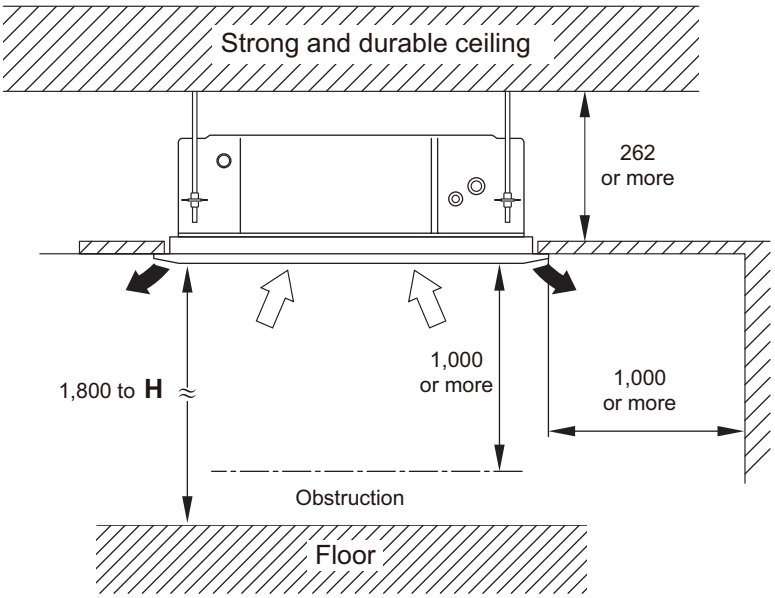
View C

A

| a: Ceiling openings | | | |
|---|---|---|---|
| Cassette grille | Standard type | mm | 580 to 660 |
| | Grid type | | 580 to 610 |

# ■ Installation space

Unit: mm



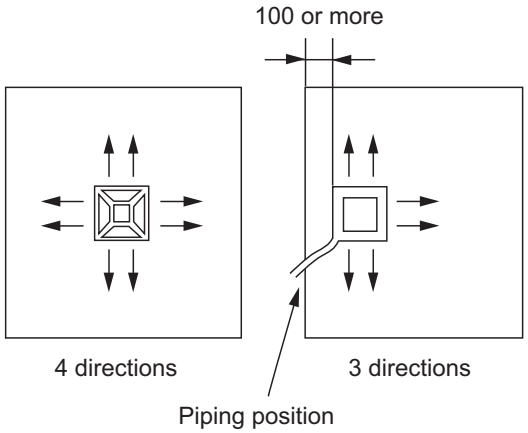

Be sure to make function setting with the remote controller according to the installed ceiling height.

| H: The maximum height from floor to ceiling (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Ceiling height | Model code | | | | | | |
| | 04 | 07 | 09 | 12 | 14 | 18 | 24 |
| Standard | 2,700 | | | | | | |
| High ceiling | — | | | 3,000 | | | |

## ● Installation notices

- When installing the indoor unit, be careful about the maintenance space.
- To set “3-direction”, Air Outlet Shutter Plate (option) must be installed, and the “outlet-direction” need to be switched to “3-way” by the remote controller.

Unit: mm



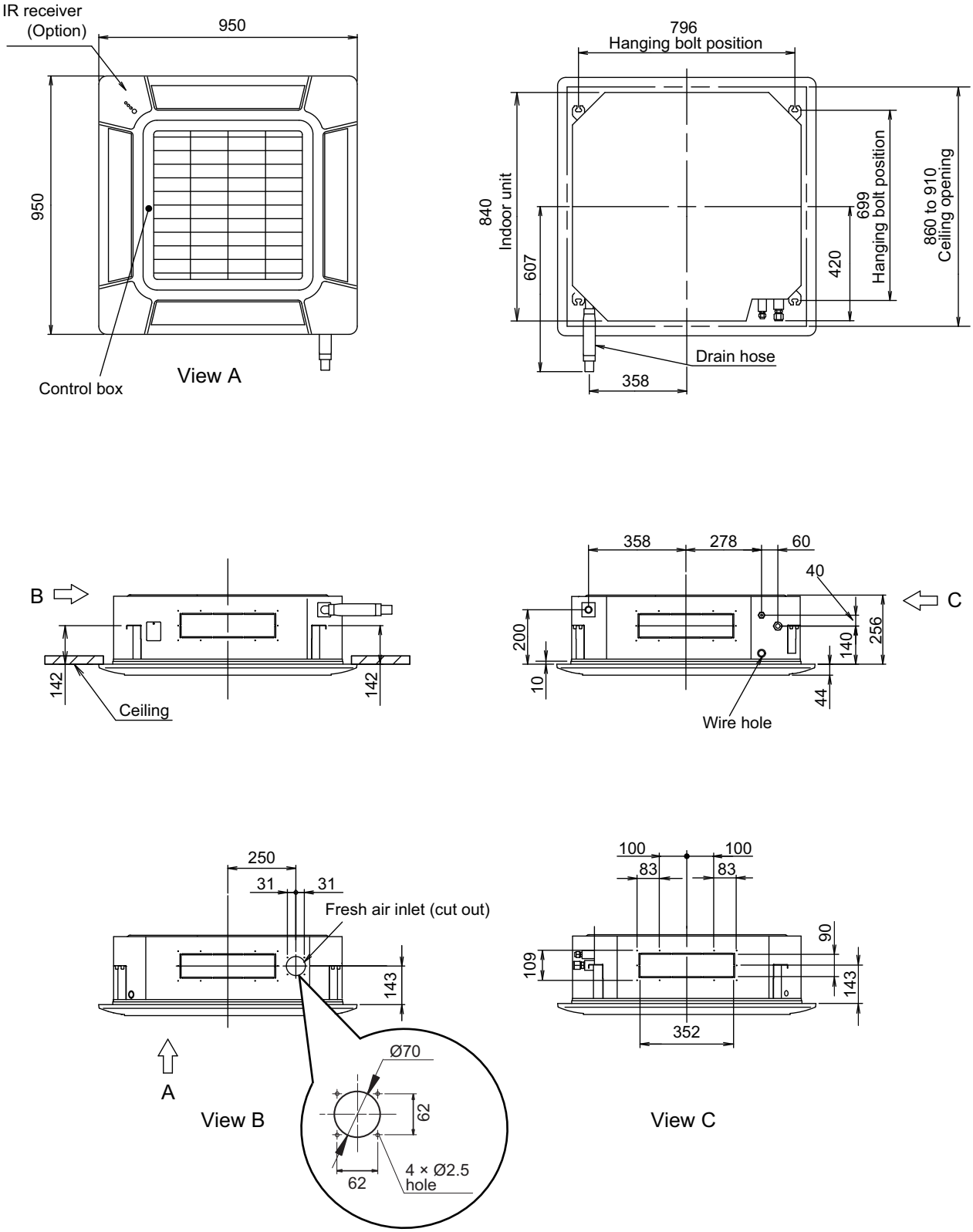

- In 3-way outlet mode, changing of ceiling height setting by function setting 20 is prohibited. (Ceiling height setting [function setting 20] is allowed to be changed only in 4-way outlet mode.)
- Use the Insulation Kit for High Humidity (option), when the condition under the roof is over 80% in humidity and over 30°C in temperature. Otherwise, there is a risk of condensation on the ceiling.


INDOOR UNITS

# 4-2. 4-way flow cassette type

## ■ Models: AUXD18GALH and AUXD24GALH

Unit: mm





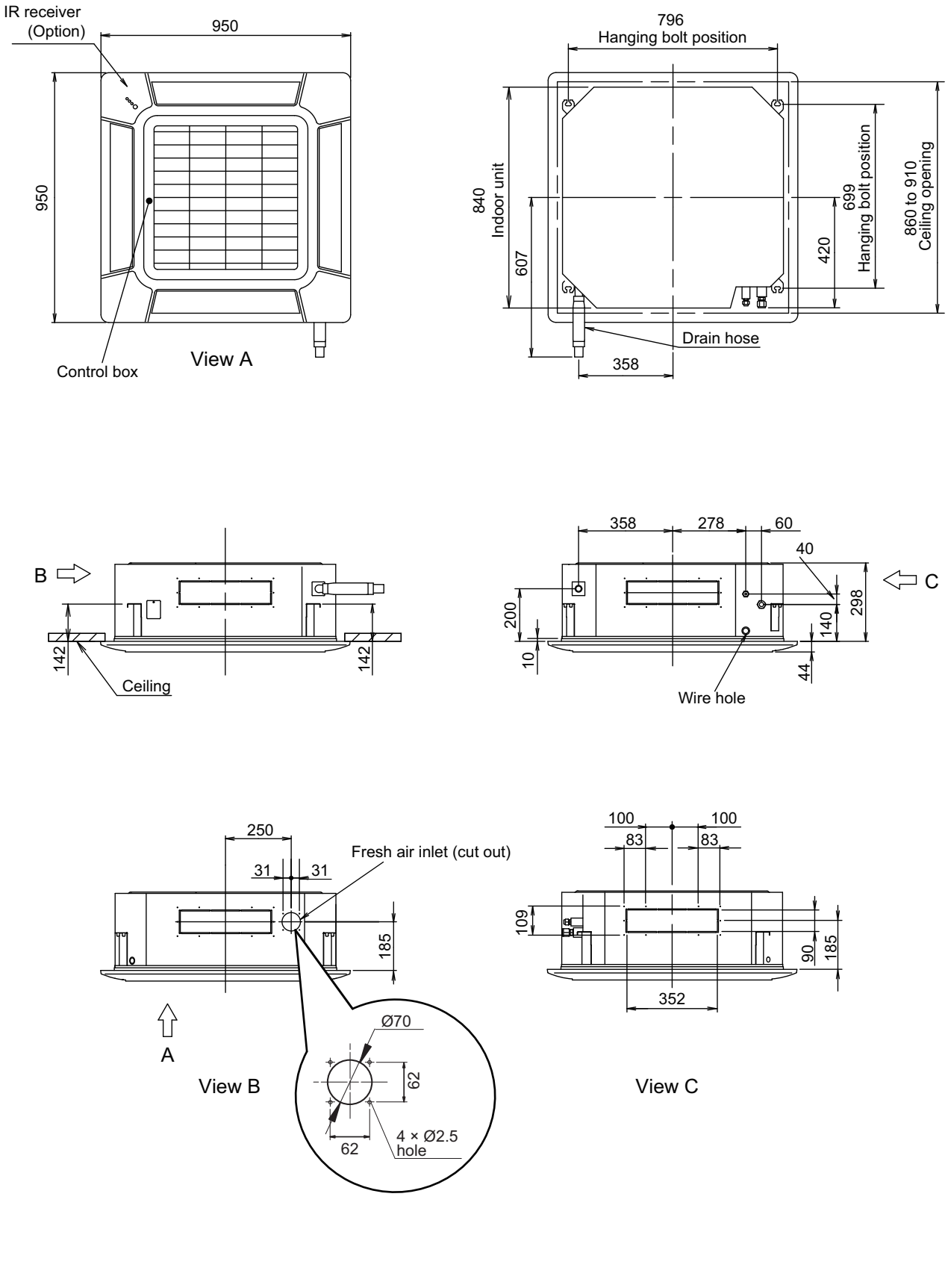

INDOOR UNITS

# ■ Models: AUXA18GALH, AUXA24GALH, AUXA30GALH, AUXA34GALH, AUXA36GALH, AUXA45GALH, and AUXA54GALH

Unit: mm

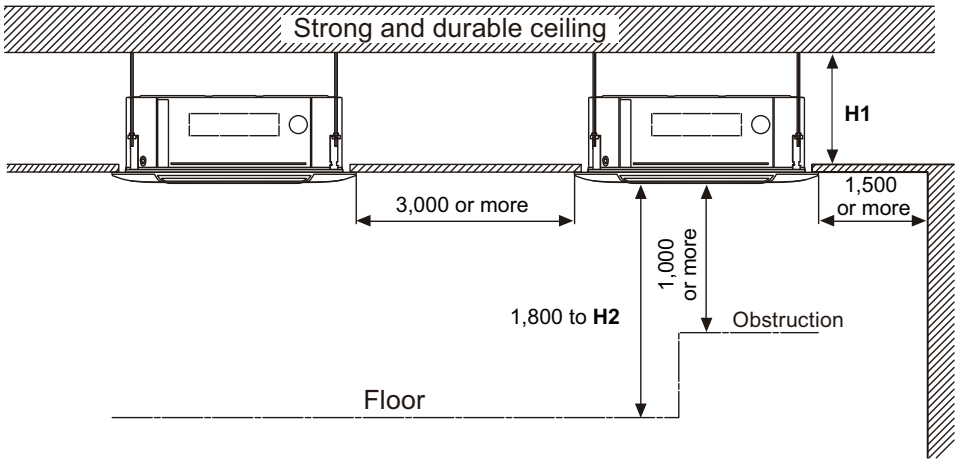


INDOOR UNITS



# ■ Installation space requirement

Unit: mm




| Model name | H1: Attic height (mm) |
|---|---|
| AUXD18GALH, AUXD24GALH | 256 or more |
| AUXA18GALH, AUXA24GALH, AUXA30GALH, AUXA34GALH, AUXA36GALH, AUXA45GALH, AUXA54GALH | 298 or more |

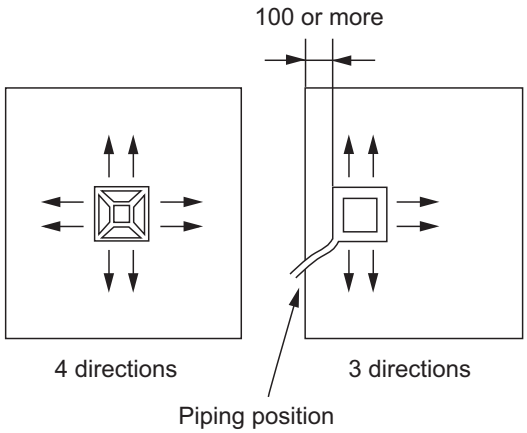
Be sure to make function setting with the remote controller according to the installed ceiling height.

| H2: The maximum height from floor to ceiling (mm) | | | |
|---|---|---|---|
| Ceiling height | Model name | | |
| | AUXD18GALH, AUXD24GALH | AUXA18GALH, AUXA24GALH,AUXA30GALH, AUXA34GALH | AUXA36GALH, AUXA45GALH, AUXA54GALH |
| Standard | 3,000 | 3,200 | |
| High ceiling | 3,500 | 3,600 | 4,200 |

# ● Installation notices

- When installing the indoor unit, be careful about the maintenance space.
- To set “3-direction”, Air Outlet Shutter Plate (option) must be installed, and the “outlet-direction” need to be switched to “3-way” by the remote controller.

Unit: mm



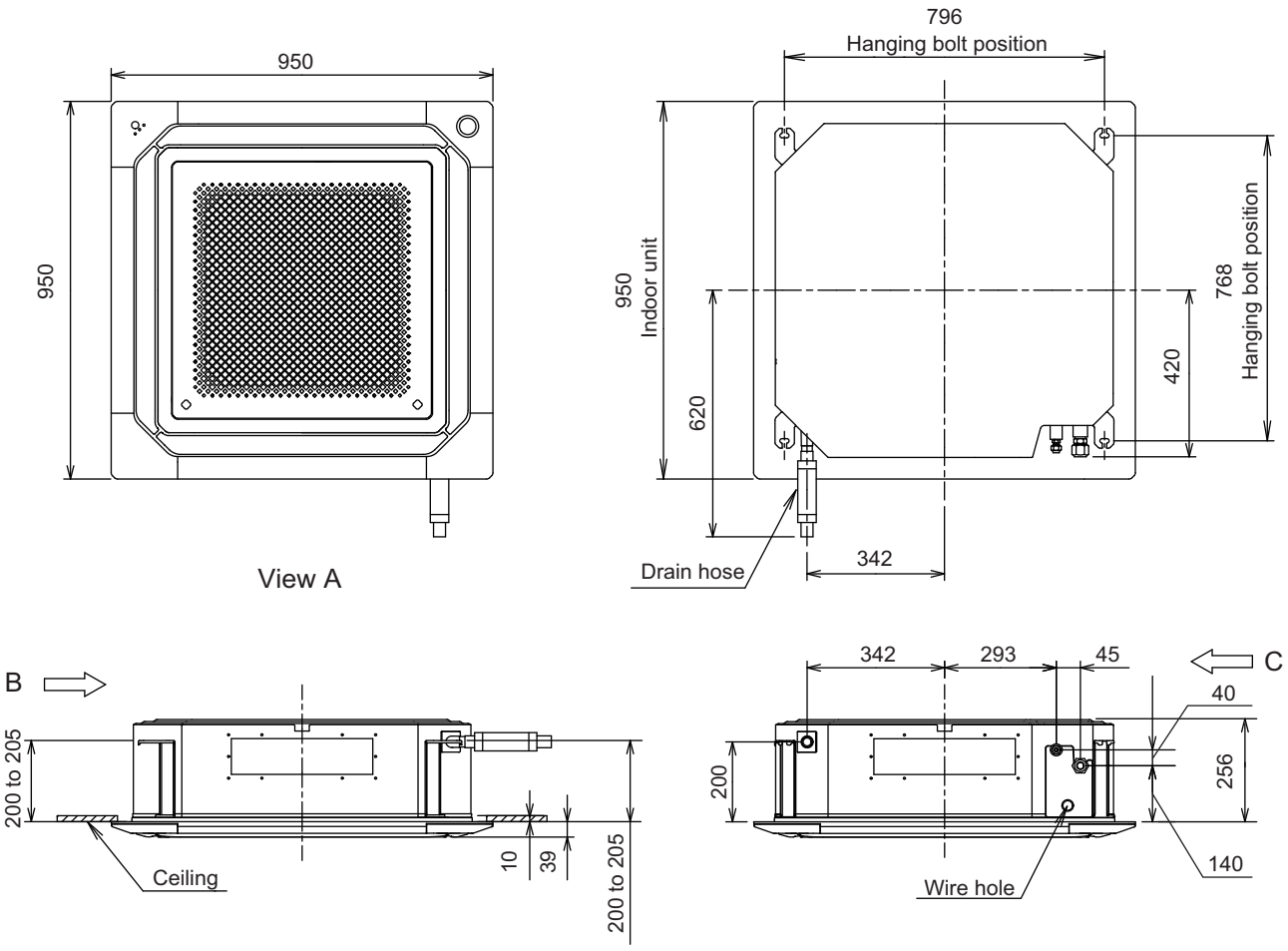

- In 3-way outlet mode, changing of ceiling height setting by function setting 20 is prohibited. (Ceiling height setting [function setting 20] is allowed to be changed only in 4-way outlet mode.)
- Use the Insulation Kit for High Humidity (option), when the condition under the roof is over 80% in humidity and over 30°C in temperature. Otherwise, there is a risk of condensation on the ceiling.


INDOOR UNITS

# 4-3. Circular flow cassette type

## ■ Models: AUXM018GLEH, AUXM024GLEH, and AUXM030GLEH

Unit: mm

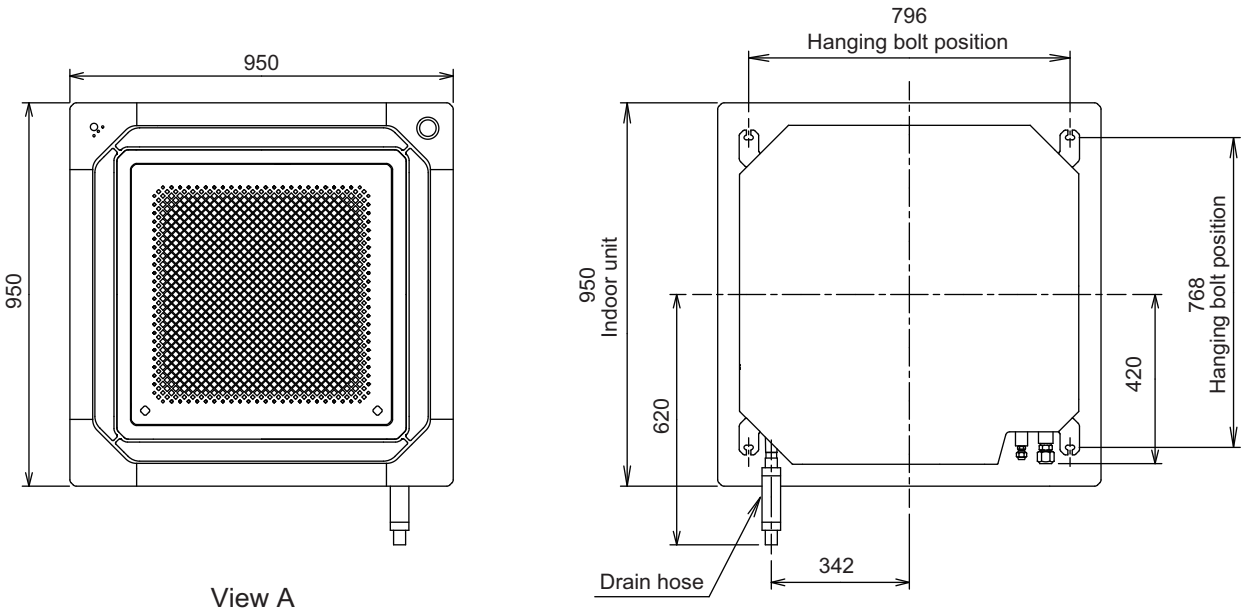


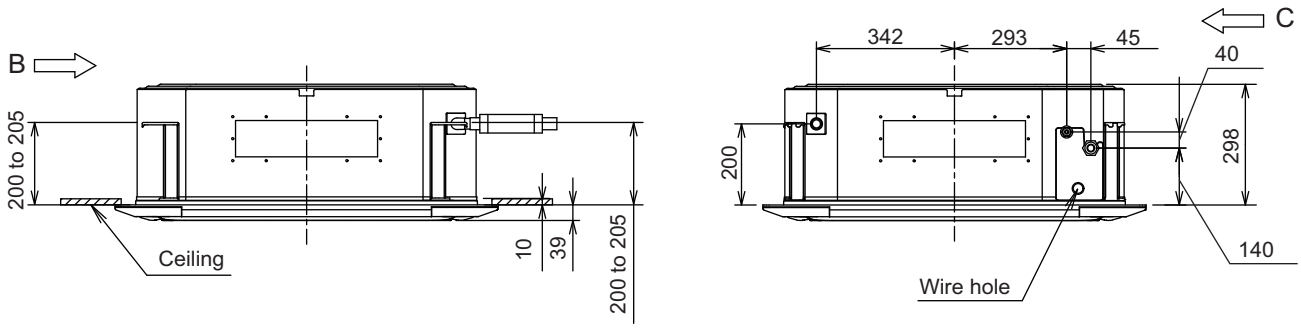


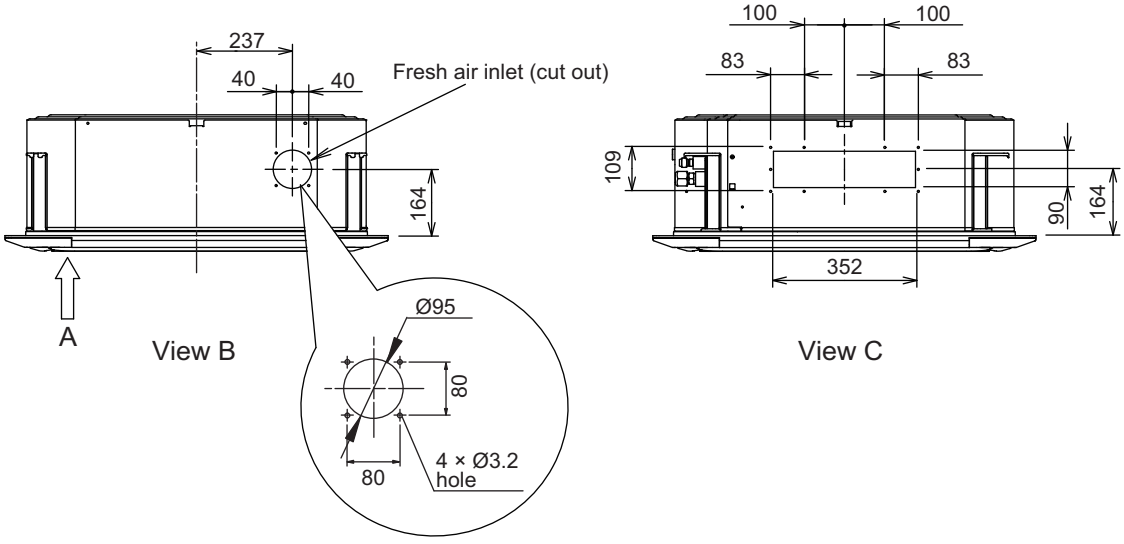

INDOOR UNITS

# ■ Models: AUXK018GLEH, AUXK024GLEH, AUXK030GLEH, AUXK034GLEH, AUXK036GLEH, AUXK045GLEH, and AUXK054GLEH

Unit: mm



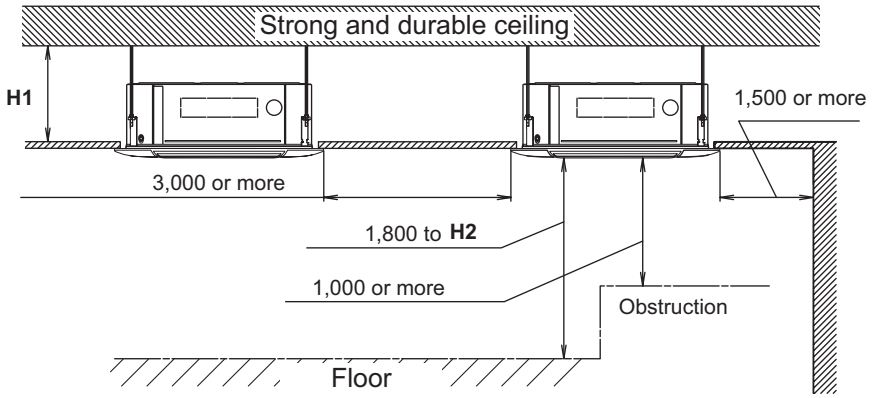






INDOOR UNITS

# ■ Installation space requirement

Unit: mm




| Model name | H1: Attic height (mm) |
|---|---|
| AUXM018-030GLEH | 256 or more |
| AUXK018-054GLEH | 298 or more |

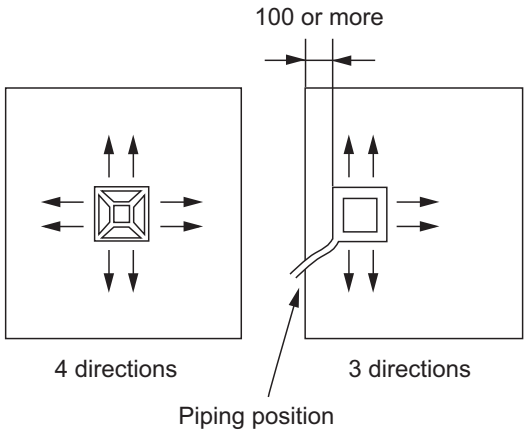
Be sure to make function setting with the remote controller according to the installed ceiling height.

| H2: The maximum height from floor to ceiling (mm) | | | |
|---|---|---|---|
| Ceiling height | Model name | | |
| | AUXM018-030GLEH | AUXK018-034GLEH | AUXK036-054GLEH |
| Standard | 3,000 | 3,200 | |
| High ceiling | 3,500 | 3,600 | 4,200 |

## ● Installation notices

- When installing the indoor unit, be careful about the maintenance space.
- To set “3-direction”, Air Outlet Shutter Plate (option) must be installed, and the “outlet-direction” need to be switched to “3-way” by the remote controller.

Unit: mm




- In 3-way outlet mode, changing of ceiling height setting by function setting 20 is prohibited. (Ceiling height setting [function setting 20] is allowed to be changed only in 4-way outlet mode.)
- Use the Insulation Kit for High Humidity (option), when the condition under the roof is over 80% in humidity and over 30°C in temperature. Otherwise, there is a risk of condensation on the ceiling.


INDOOR UNITS

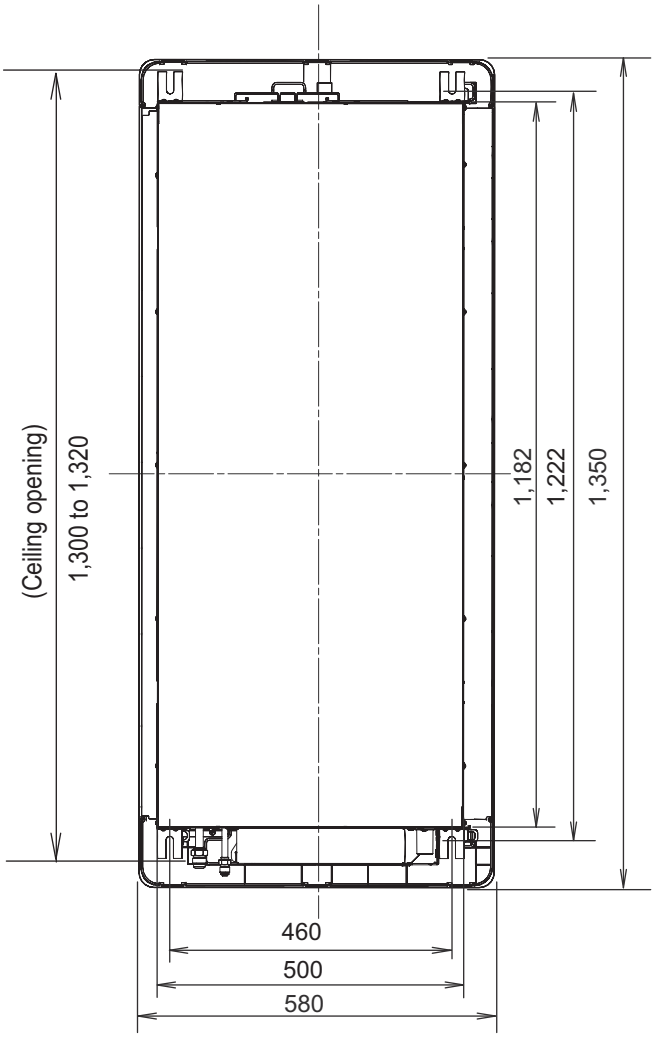
# 4-4. 3D flow cassette type

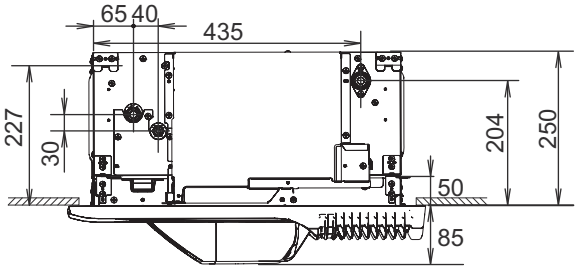
## ■ Models: AUXS018GLEH and AUXS024GLEH

Unit: mm



INDOOR UNITS

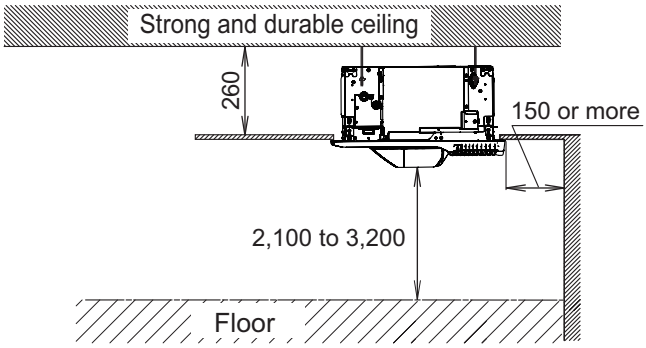


# ■ Installation space requirement

Provide sufficient installation space for product safety.

Unit: mm

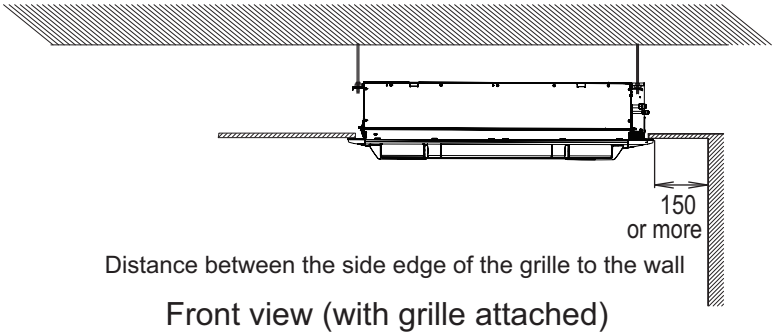



Side view

Be sure to make function setting with the remote controller according to the installed ceiling height.

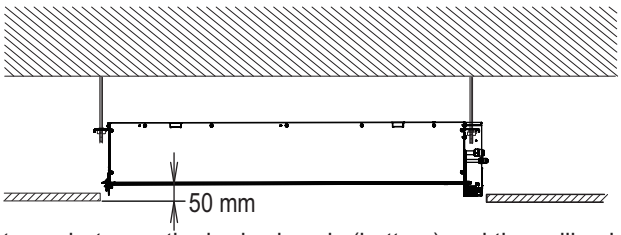
| H: The maximum height from floor to ceiling (mm) | |
|---|---|
| **Ceiling height** | **Model name** |
| | **AUXS018GLEH and AUXS024GLEH** |
| Standard | 2,300 |
| High ceiling | 3,200 |

# ● Installation notices




Distance between the side edge of the grille to the wall

Front view (with grille attached)



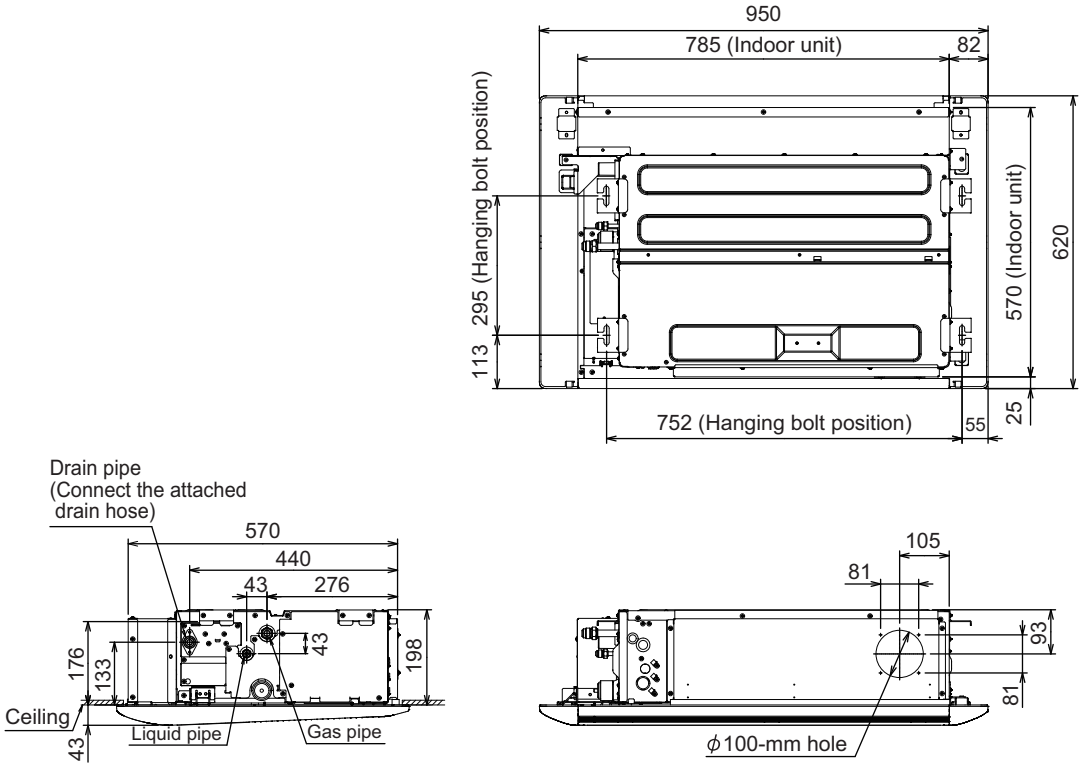

Distance between the body chassis (bottom) and the ceiling board

Front view

# 4-5. One way flow cassette type

## ■ Models: AUXV004GLEH, AUXV007GLEH, AUXV009GLEH, and AUXV012GLEH

Unit: mm

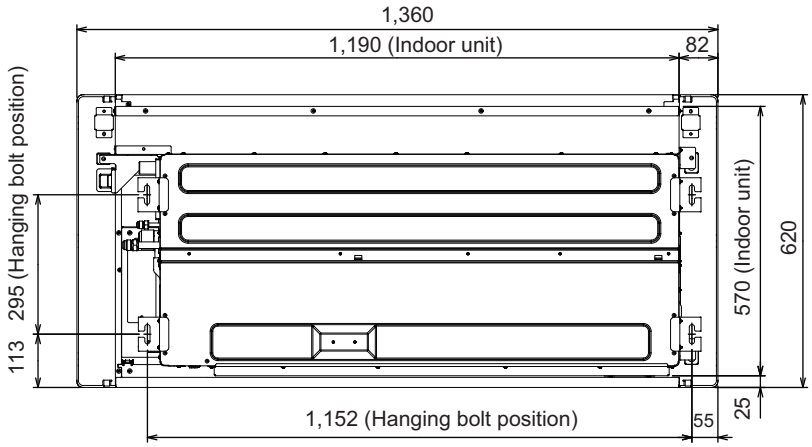


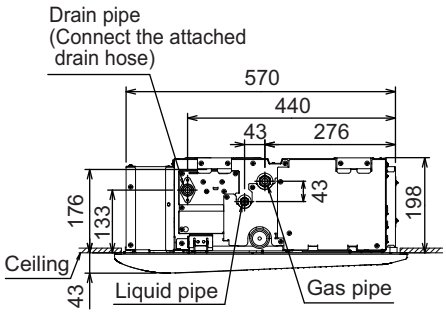


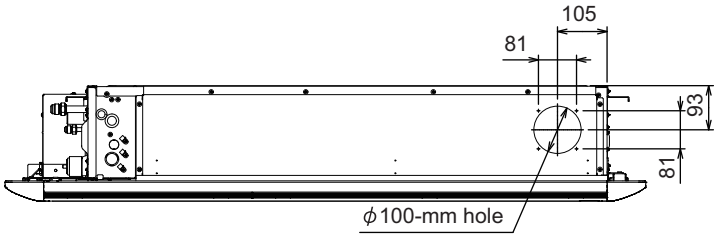

INDOOR UNITS

# ■ Models: AUXV014GLEH, AUXV018GLEH, and AUXV024GLEH

Unit: mm





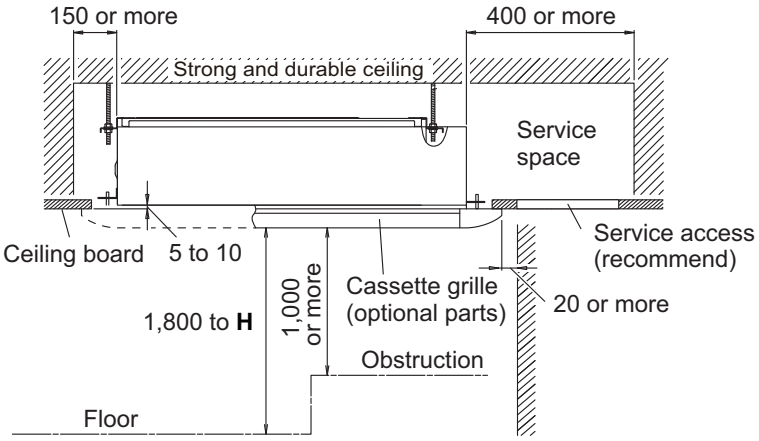

INDOOR UNITS

# ■ Installation space requirement

Provide sufficient installation space for product safety.

Unit: mm

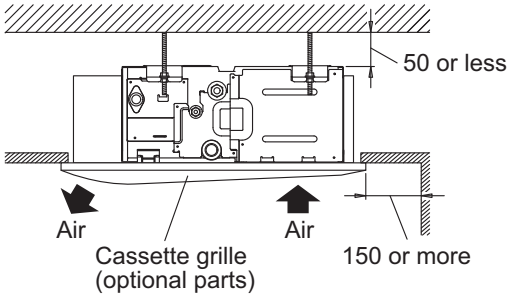
Front view




Be sure to make function setting with the remote controller according to the installed ceiling height.

| Ceiling height | H: The maximum height from floor to ceiling (mm) |
|---|---|
| Standard | 2,700 |
| High ceiling | 3,200 |

Right side view



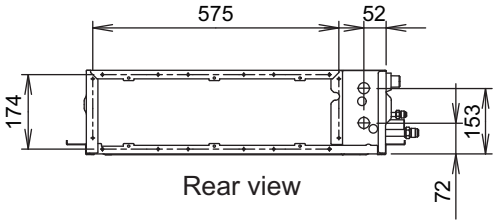



INDOOR UNITS

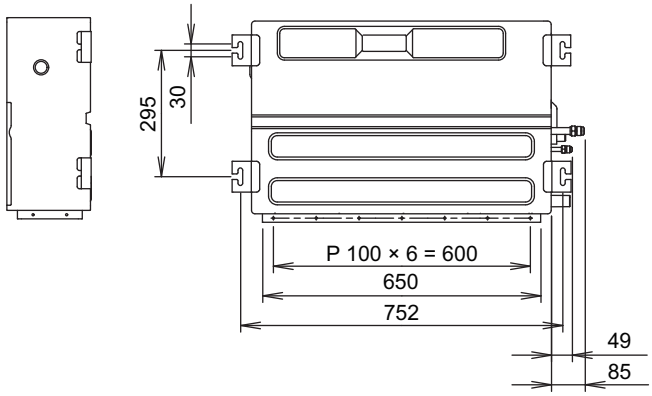
# 4-6. Low static pressure duct (Mini duct) type

## ■ Models: ARXK004GLGH, ARXK007GLGH, ARXK009GLGH, ARXK012GLGH, and ARXK014GLGH

Unit: mm

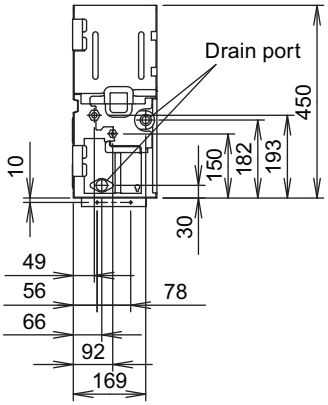



Rear view

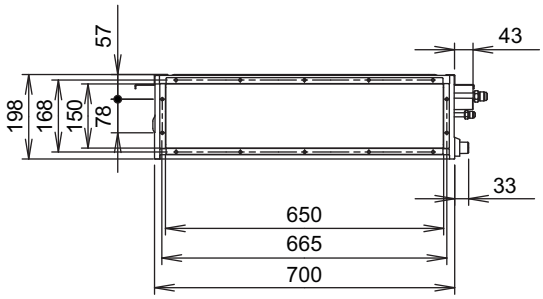



Side view (L)

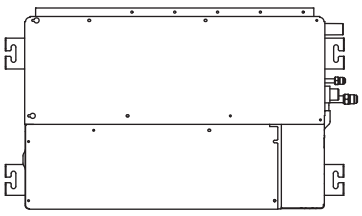
Top view




Side view (R)




Front view



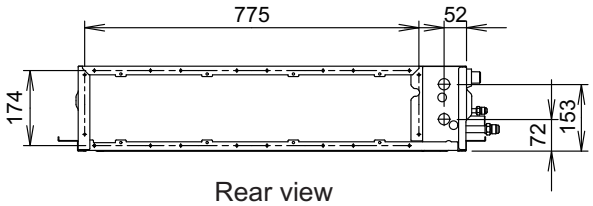
Bottom view



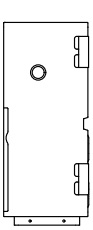
INDOOR UNITS

# ■ Model: ARXK018GLGH

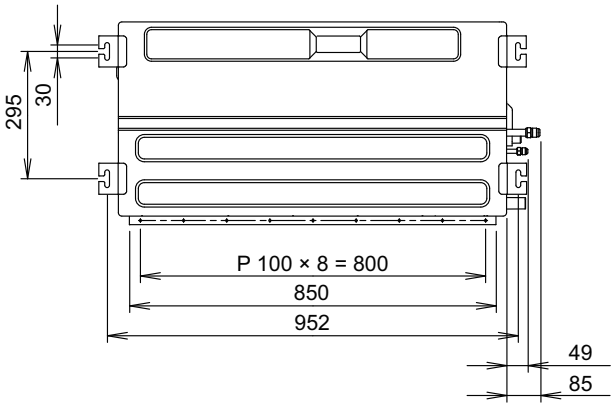
Unit: mm



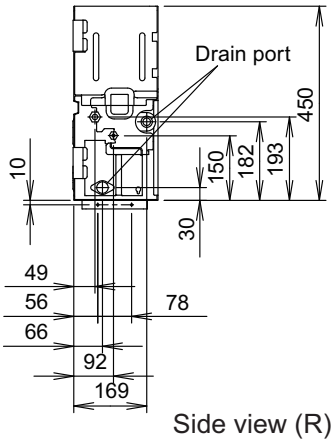

Rear view



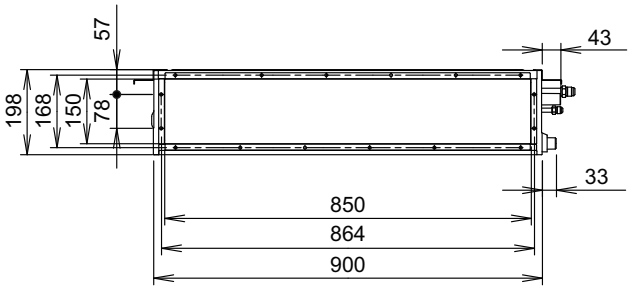
Side view (L)



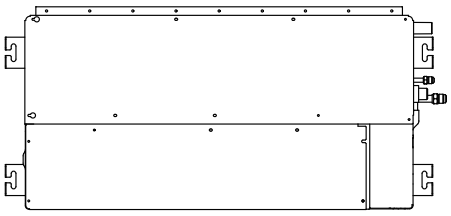

Top view




Side view (R)




Front view



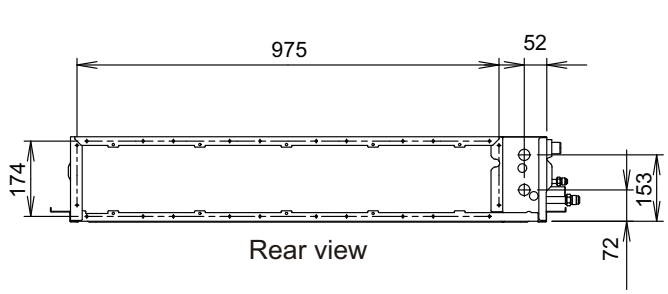
Bottom view



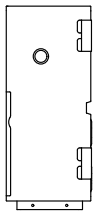
INDOOR UNITS

# ■ Model: ARXK024GLGH

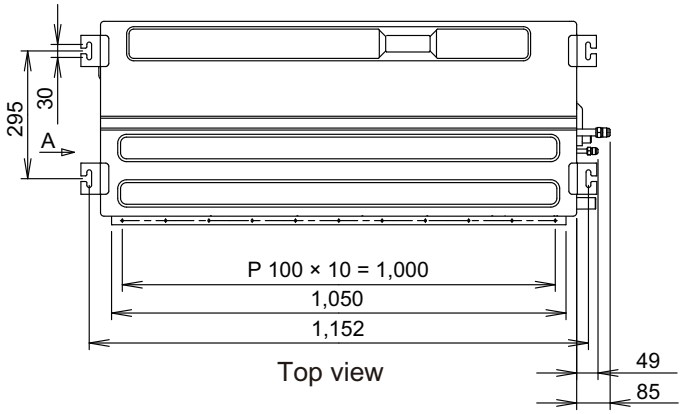
Unit: mm



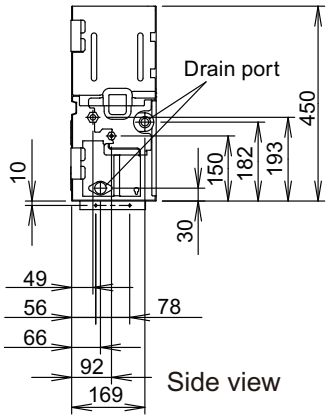

Rear view



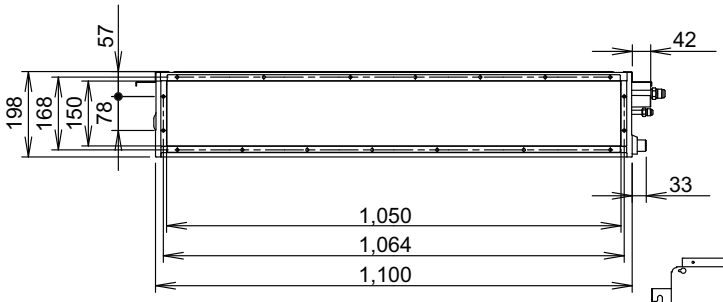
View A



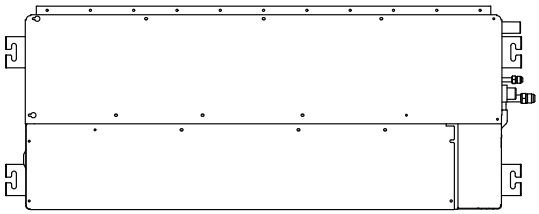

Top view




Side view




Front view



Bottom view

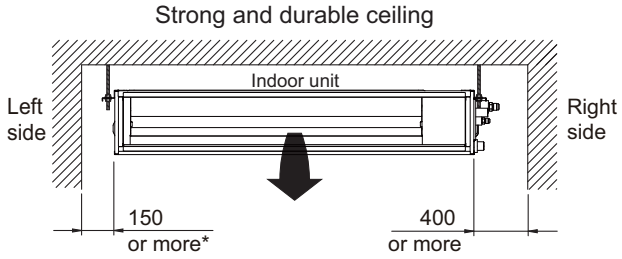


INDOOR UNITS

# ■ Installation space requirement

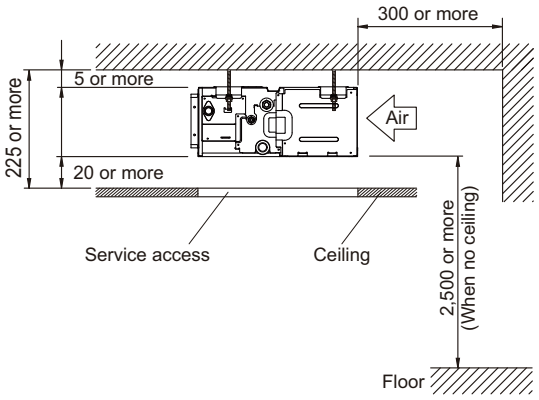
Provide sufficient installation space for product safety.

Unit: mm

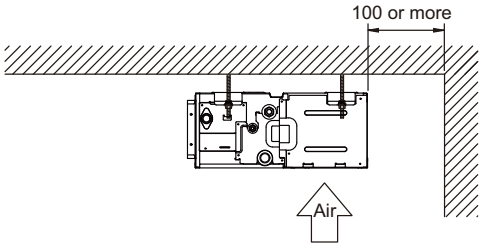



*: 400 or more when drain from drain pipe

- **When intaking air from back:**




- **When intaking air from bottom:**

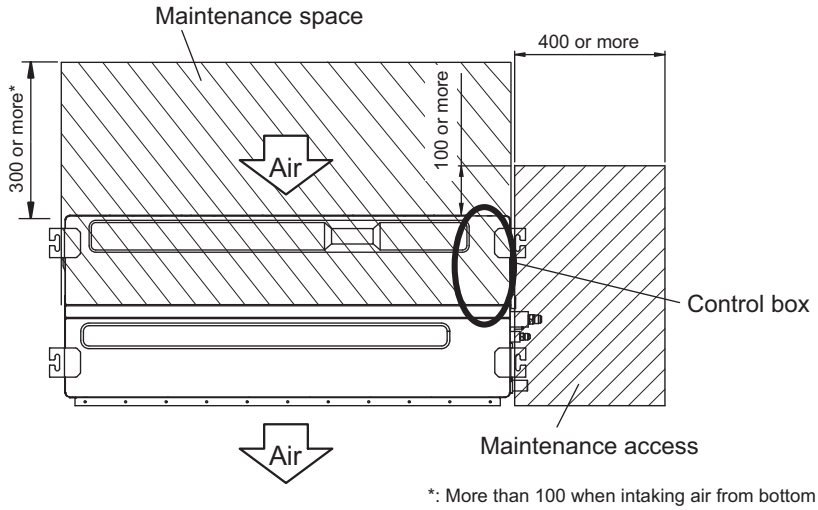



# ■ Maintenance space requirement

Provide enough clearance for efficient maintenance.

**NOTE:** Do not place wiring or illumination in the maintenance space, as they impede maintenance work.

Unit: mm



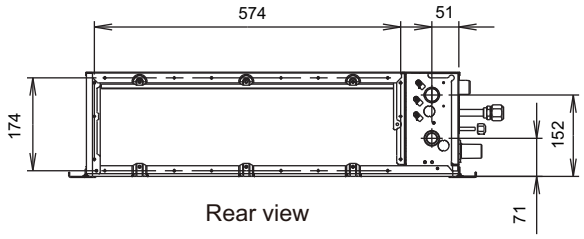

*: More than 100 when intaking air from bottom

Top view

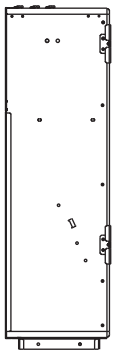
# 4-7. Low static pressure duct (Slim duct)/Slim concealed floor type

## ■ Models: ARXD007GLEH, ARXD009GLEH, ARXD012GLEH, and ARXD014GLEH

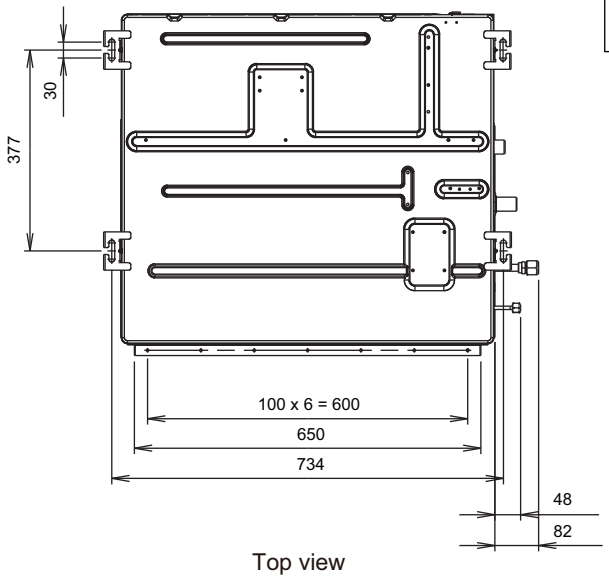
Unit: mm



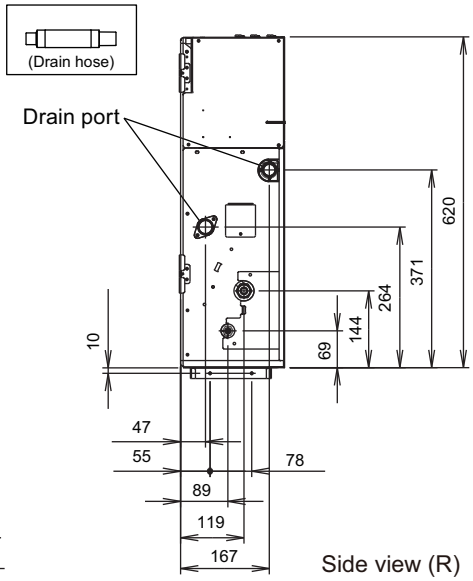

Rear view



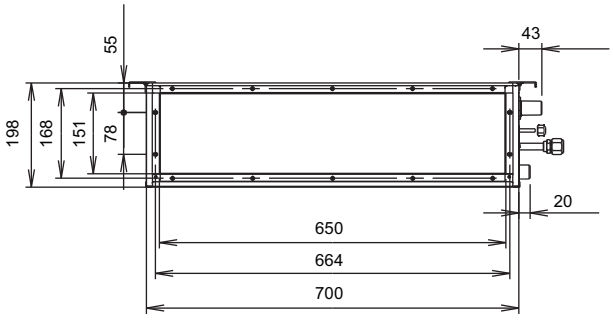
Side view (L)



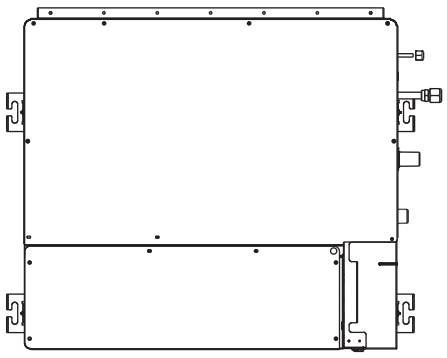

Top view




Side view (R)



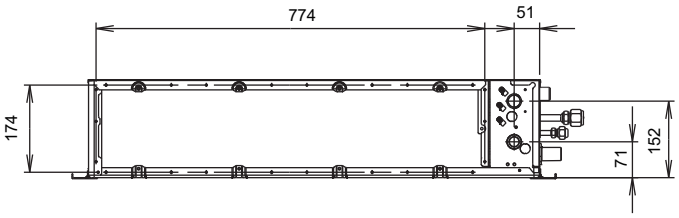

Front view



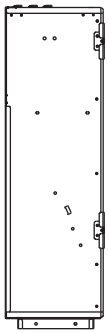
Bottom view

# ■ Model: ARXD018GLEH

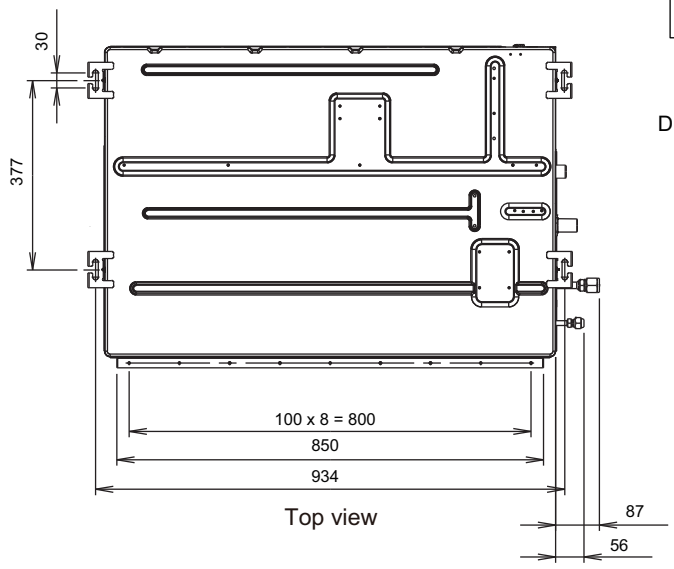
Unit: mm



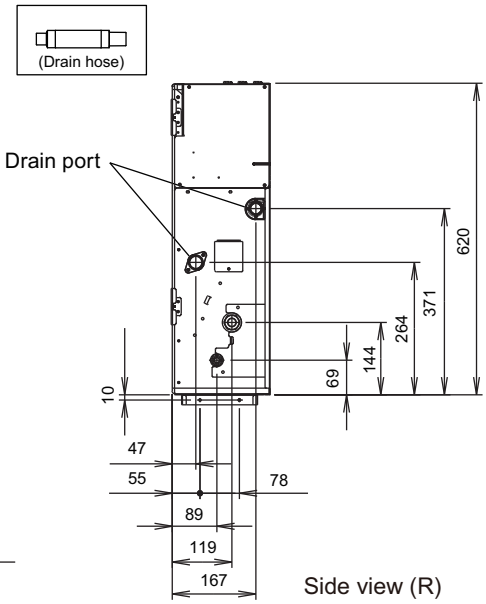

Rear view



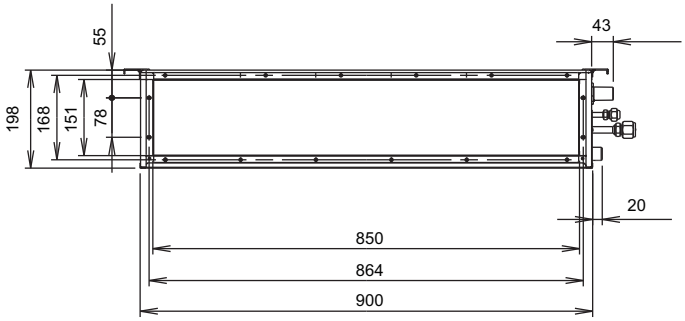
Side view (L)



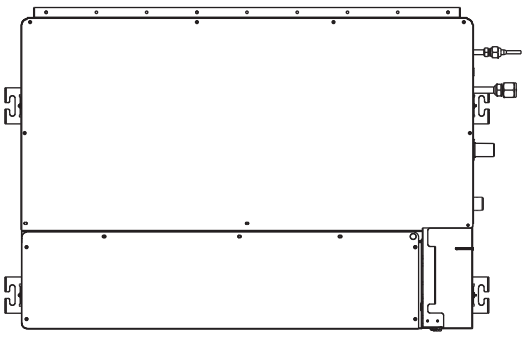

Top view




Side view (R)




Front view



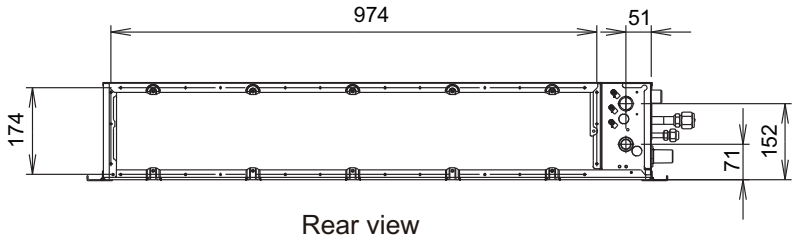
Bottom view



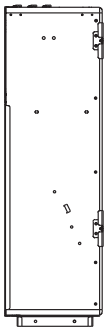
INDOOR UNITS

# ■ Model: ARXD024GLEH

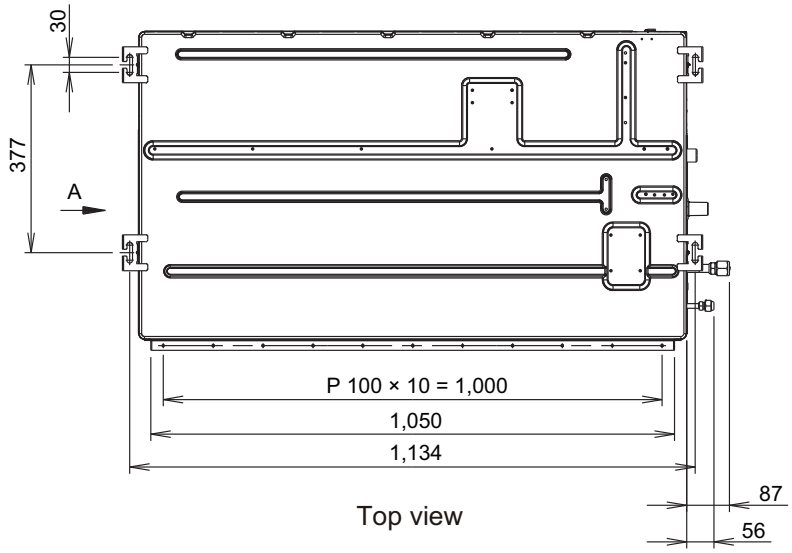
Unit: mm



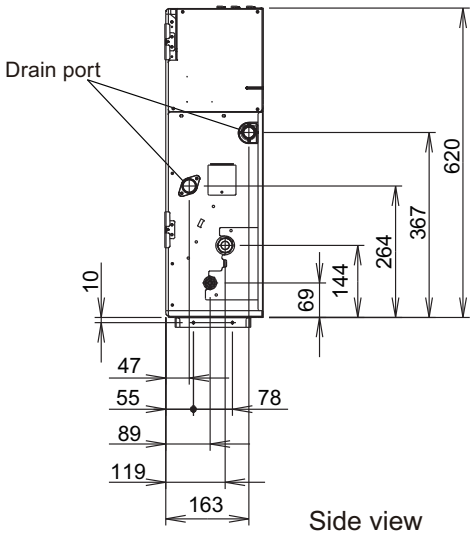

Rear view



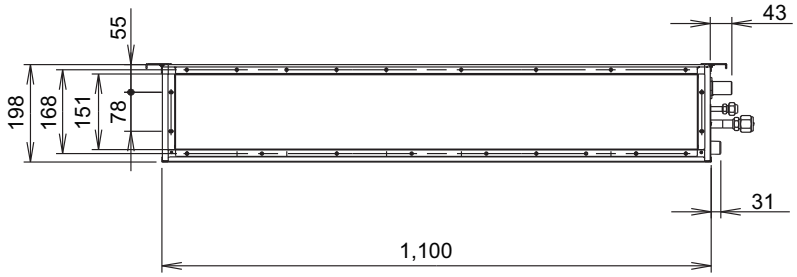
View A



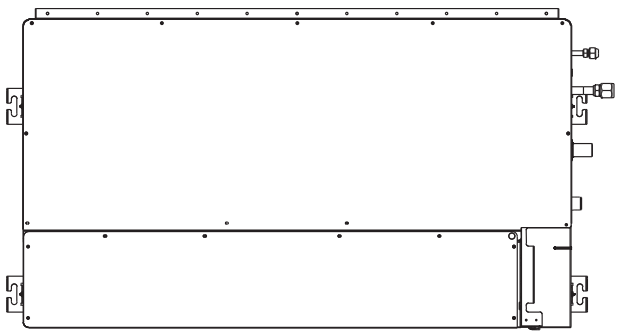

Top view




Side view




Front view



Bottom view

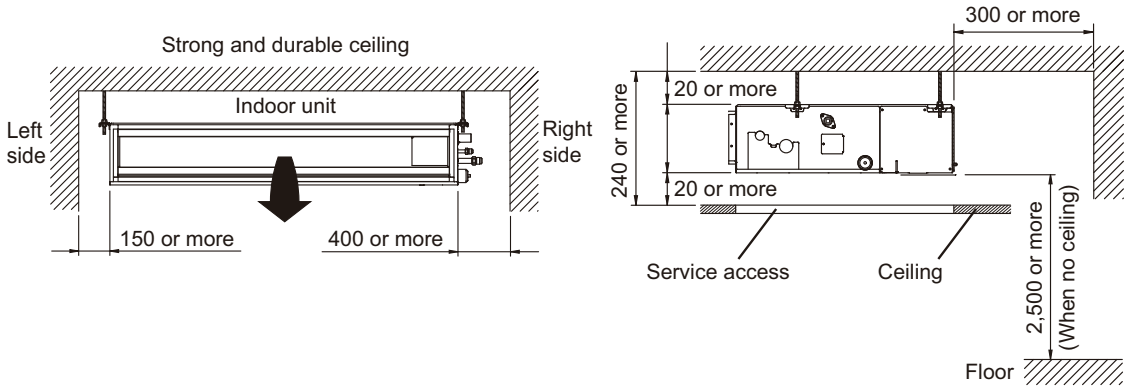


INDOOR UNITS

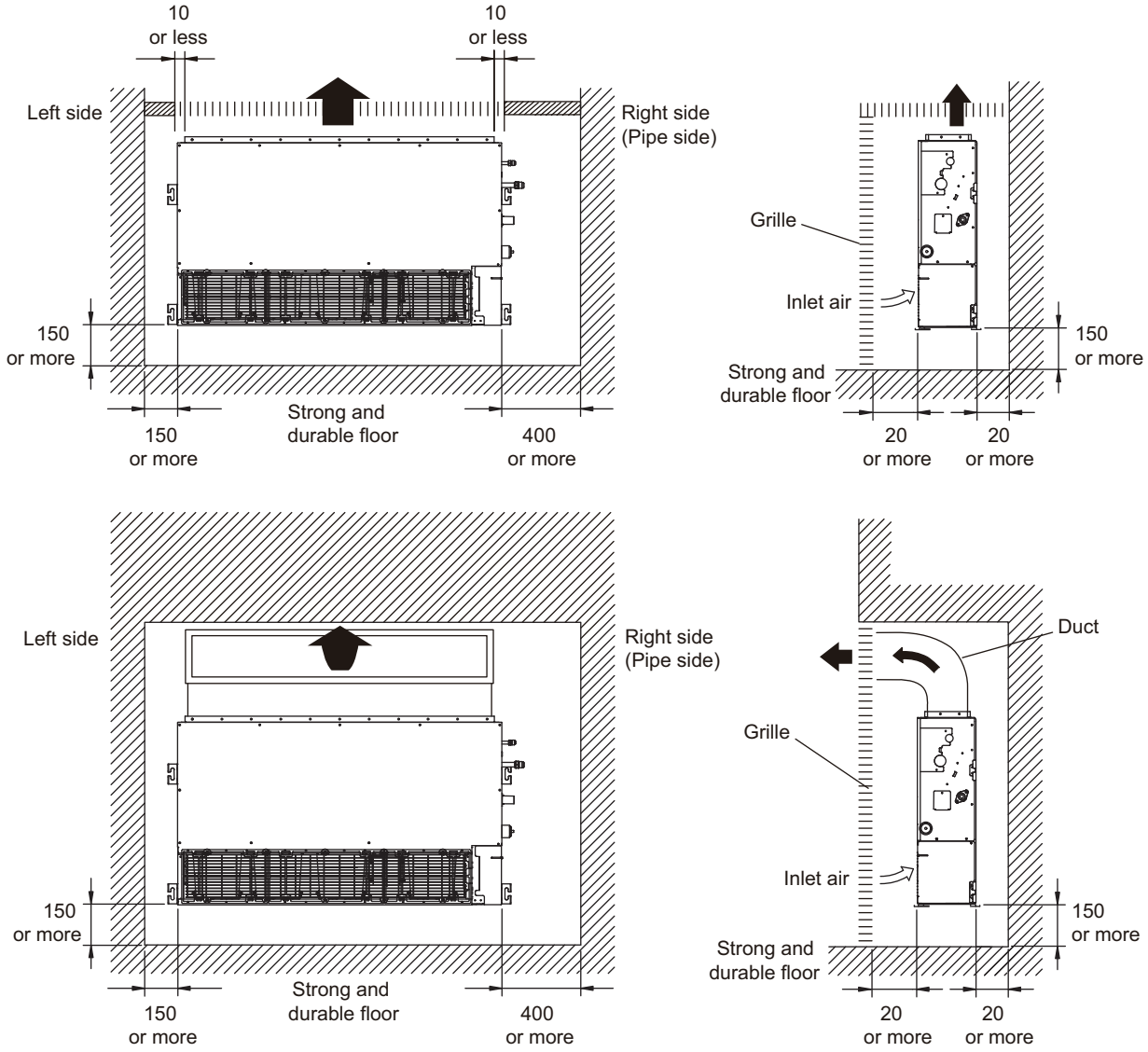
# ■ Installation space requirement

Unit: mm

### In ceiling-concealed installations:




### In wall-concealed installations:





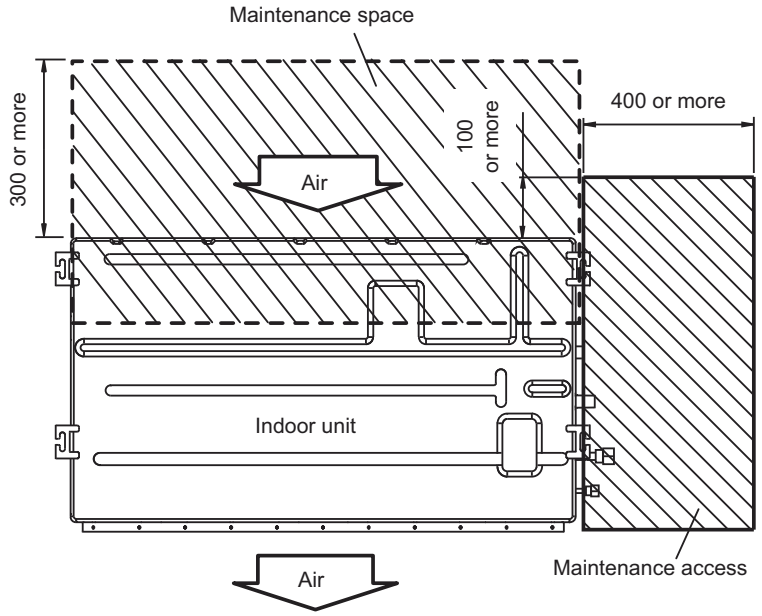

INDOOR UNITS

# ■ Maintenance space requirement

For future maintenance and maintenance access, provide sufficient maintenance space.

**NOTE:** Do not place any wiring or illumination in the maintenance space, as they will impede service.

Unit: mm




Top view

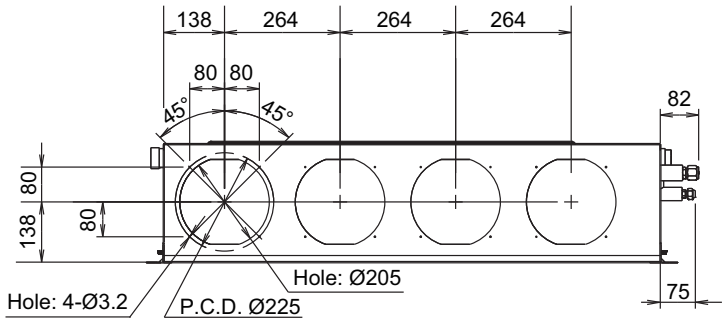


INDOOR UNITS

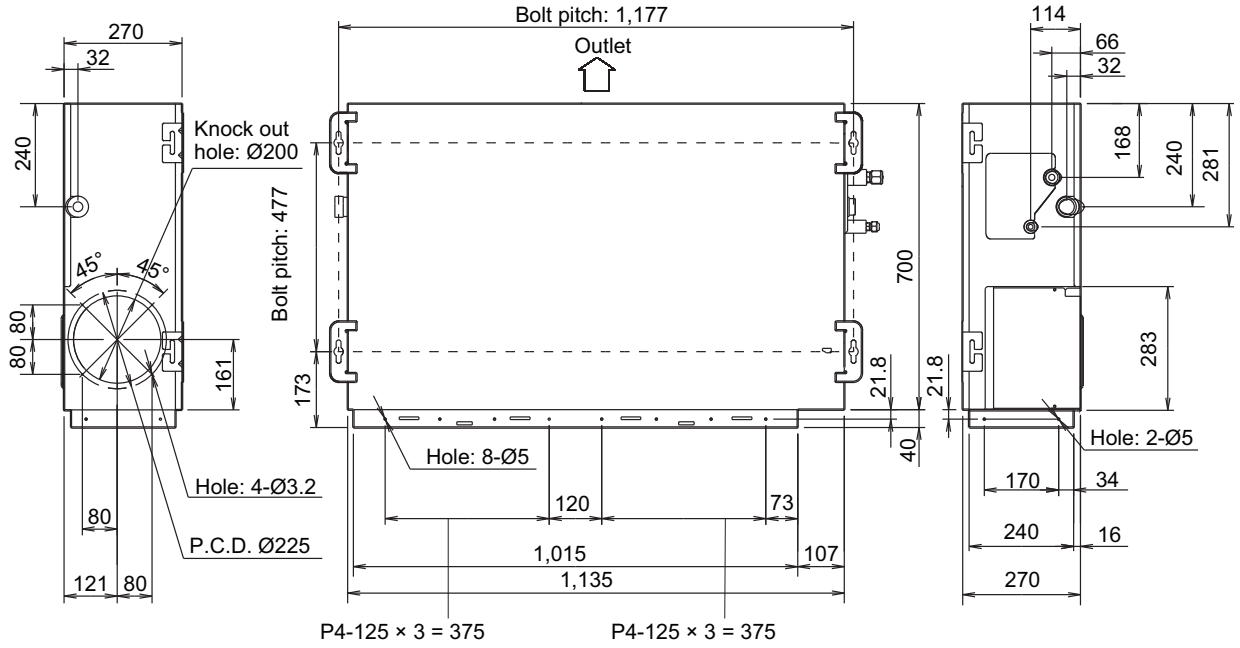
# 4-8. Low static pressure duct type (High efficiency)

## ■ Models: ARXP018GLFH and ARXP030GLFH

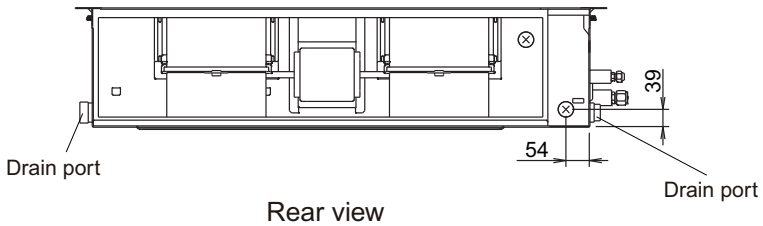
Unit: mm




Front view



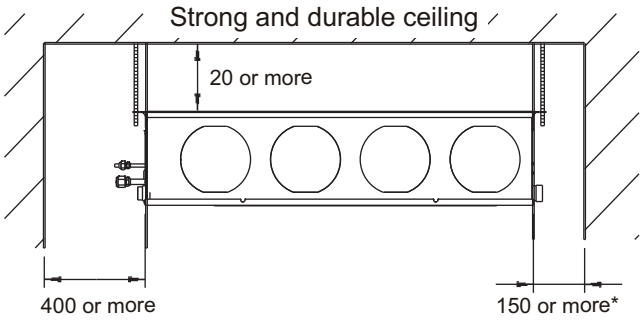

Side view (L) Top view Side view (R)




Rear view

# ■ Installation space requirement

Unit: mm




**NOTES:**

- When Drain Pump Unit is used, leave the space requirement for service and maintenance. For details of Drain Pump Unit, refer to "Drain pump unit for duct type" in Chapter 10. OPTIONAL PARTS on page 10-79.
- *: When drain hose is connected, the required dimension is 400 mm or more.



INDOOR UNITS

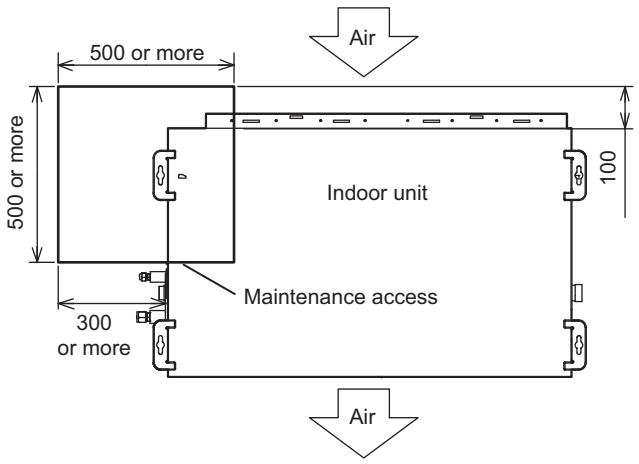
# ■ Maintenance space requirement

For future maintenance and maintenance access, provide sufficient maintenance space.

**NOTE:** Do not place any wiring or illumination in the maintenance space, as they will impede service.

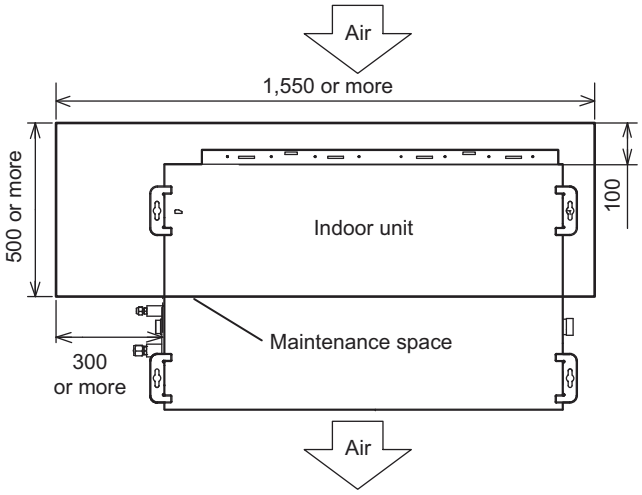
Unit: mm

It shall be possible to install and remove the control box.



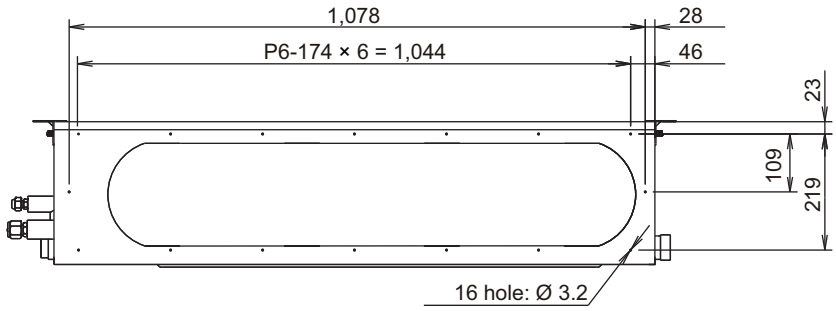

Top view

It shall be possible to install and remove the control box, fan units, and filter.




Top view

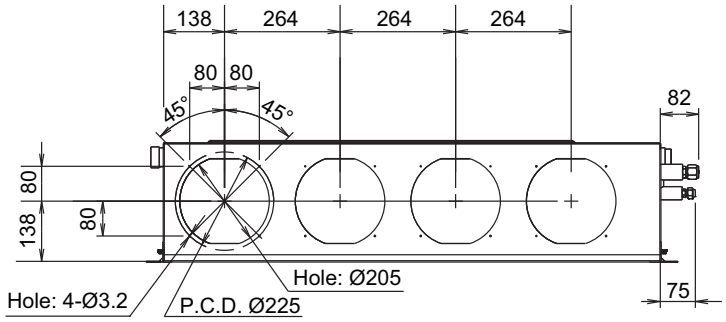
**When using a square duct**



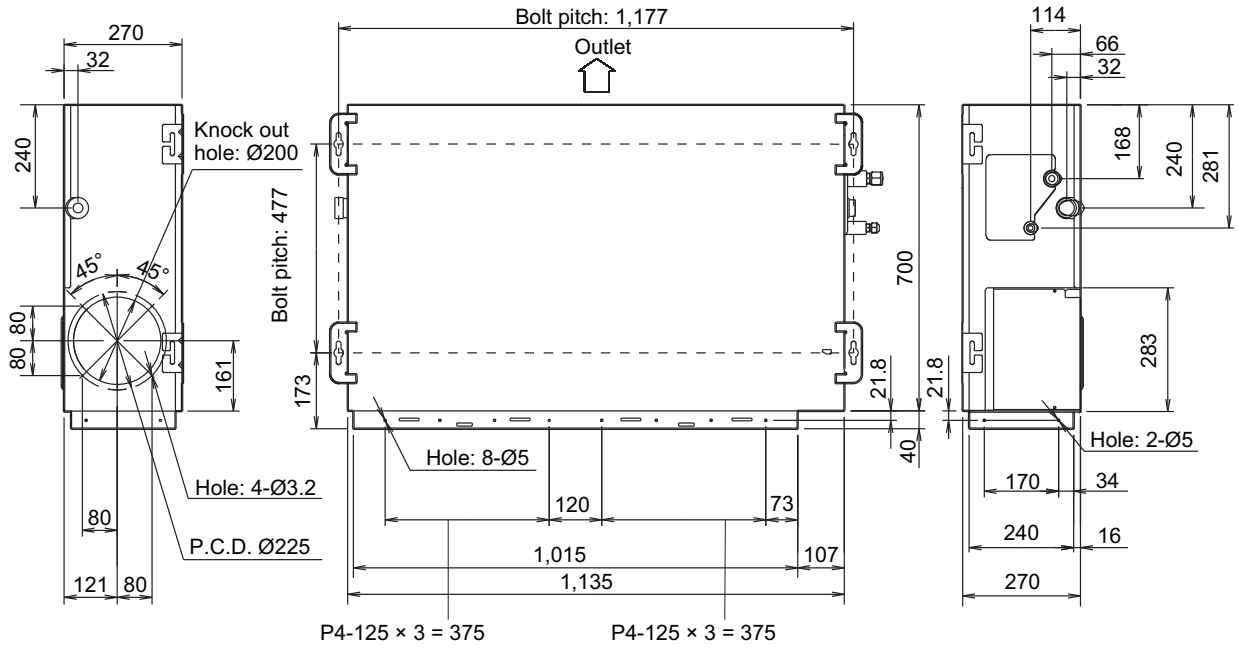
# 4-9. Medium static pressure duct type

## ■ Models: ARXA024GLEH, ARXA030GLEH, ARXA036GLEH, and ARXA045GLEH

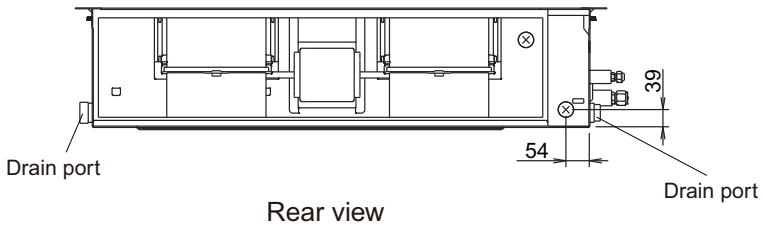
Unit: mm




Front view



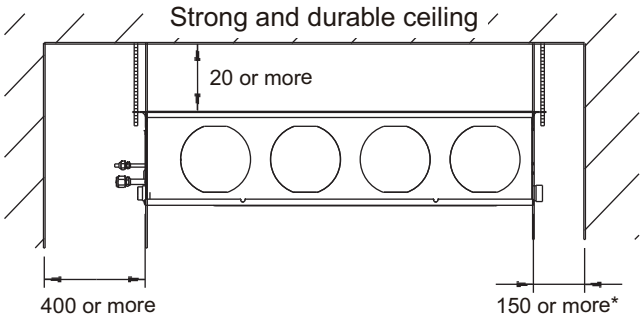

Side view (L) Top view Side view (R)




Rear view

# ■ Installation space requirement

Unit: mm




**NOTES:**

- When Drain Pump Unit is used, leave the space requirement for service and maintenance. For details of Drain Pump Unit, refer to "Drain pump unit for duct type" in Chapter 10. OPTIONAL PARTS on page 10-79.
- *: When drain hose is connected, the required dimension is 400 mm or more.



INDOOR UNITS

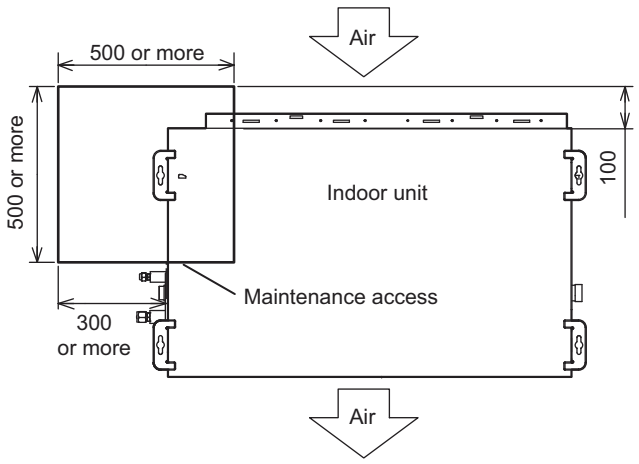
# ■ Maintenance space requirement

For future maintenance and maintenance access, provide sufficient maintenance space.

**NOTE:** Do not place any wiring or illumination in the maintenance space, as they will impede service.

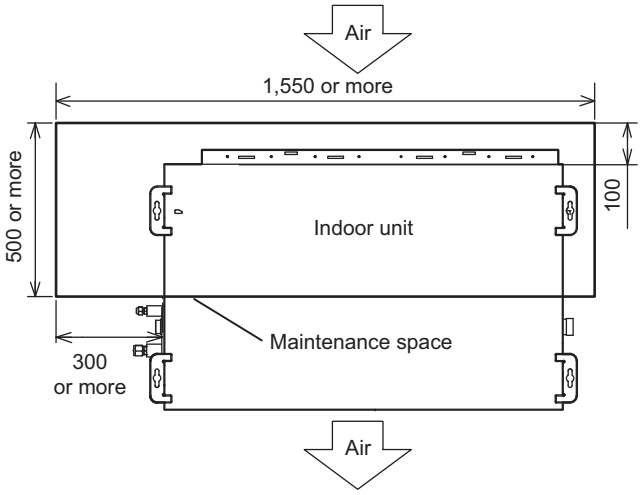
Unit: mm

It shall be possible to install and remove the control box.



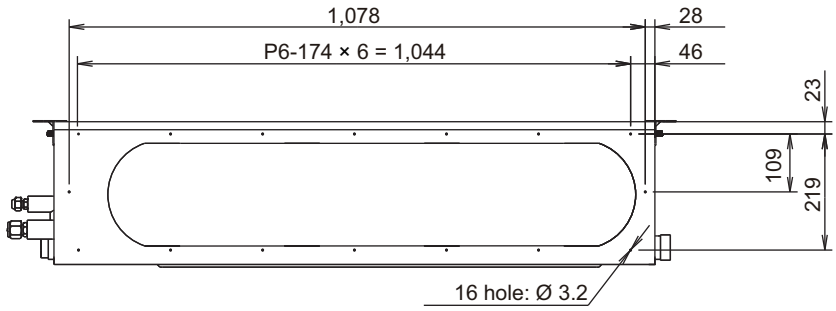

Top view

It shall be possible to install and remove the control box, fan units, and filter.




Top view

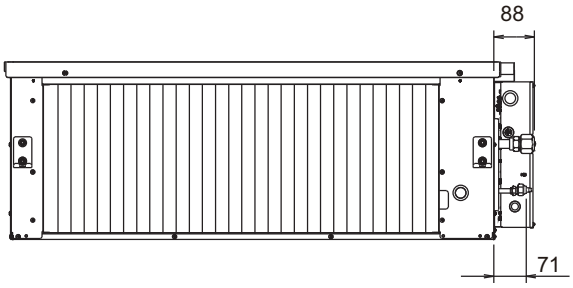
**When using a square duct**



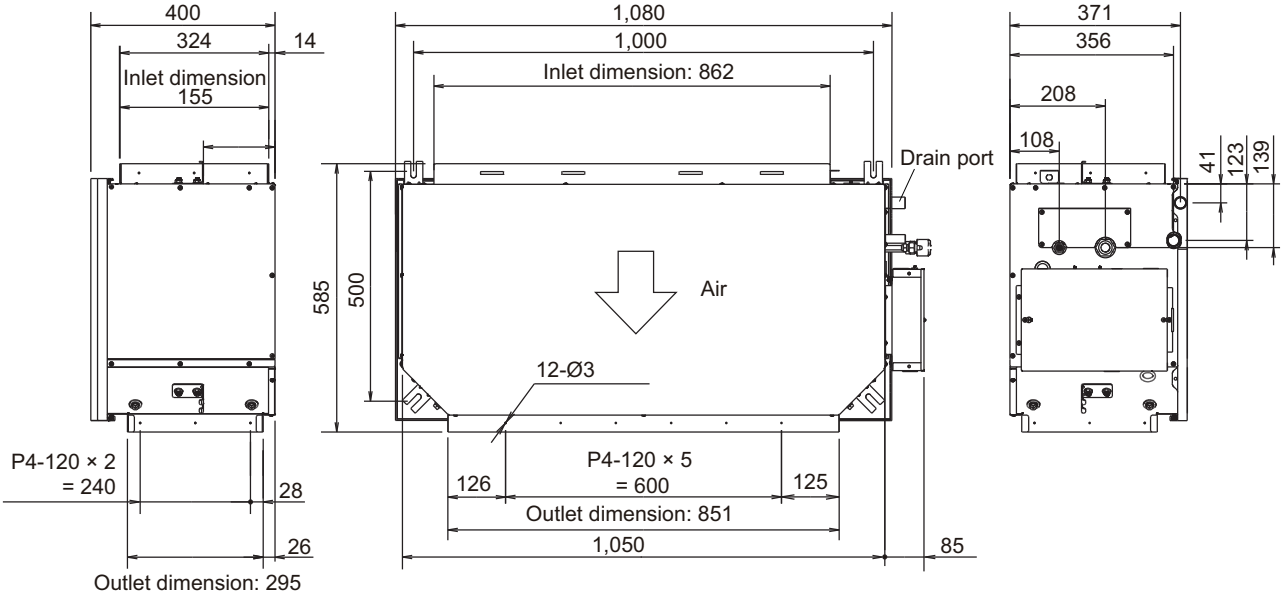
# 4-10. High static pressure duct type

## ■ Models: ARXC036GTEH, ARXC045GTEH, and ARXC060GTEH

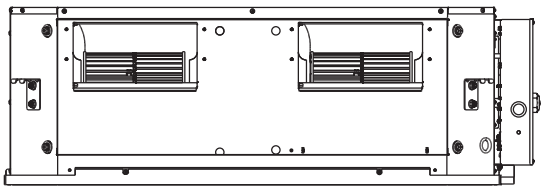
Unit: mm




Rear view




Side view (L) Top view Side view (R)



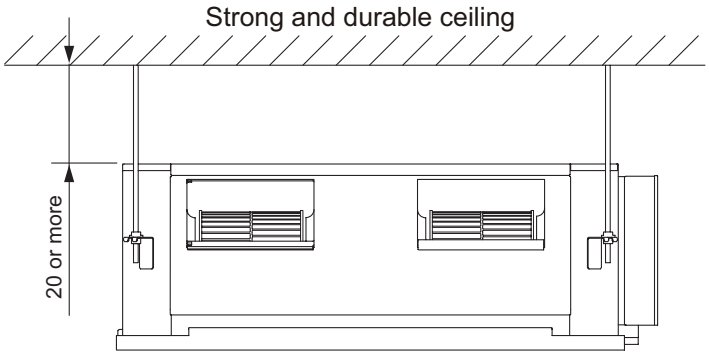
Front view



INDOOR UNITS

# ■ Installation space requirement

Unit: mm




# ■ Maintenance space requirement

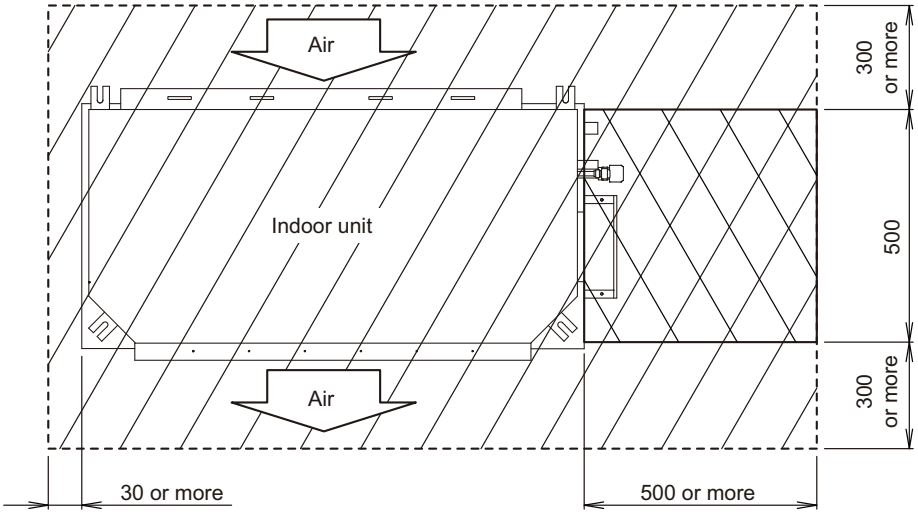
For future maintenance and maintenance access, provide sufficient maintenance space.

**NOTE:** Do not place any wiring or illumination in the maintenance space, as they will impede service.



INDOOR UNITS

Unit: mm

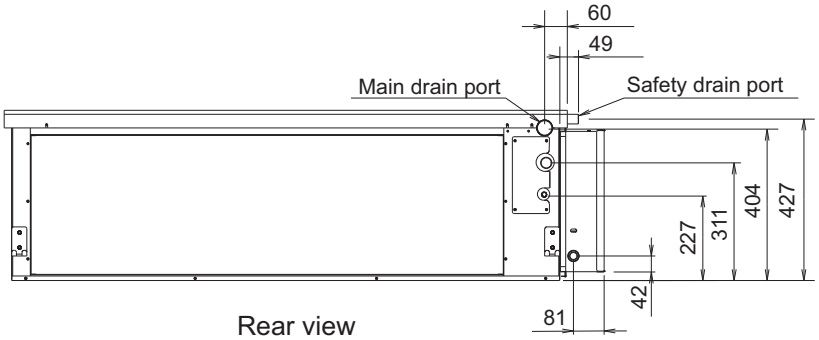



: Maintenance access : Maintenance space

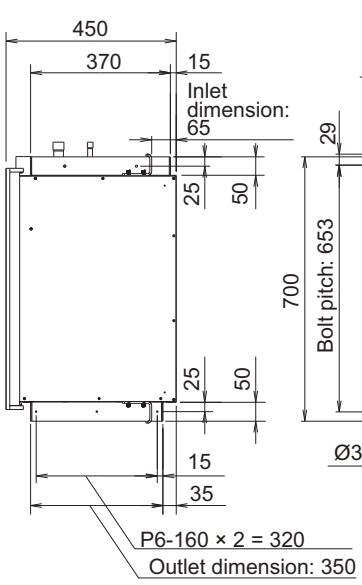
Top view

# ■ Models: ARXC072GTEH and ARXC090GTEH

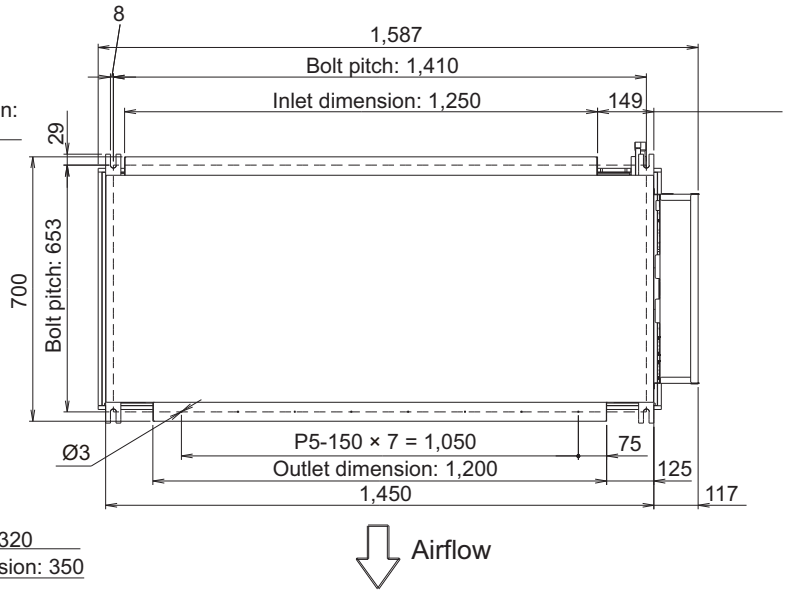
Unit: mm



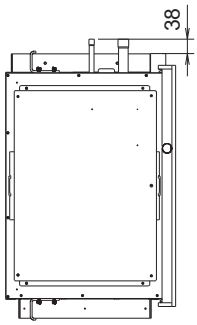

Rear view



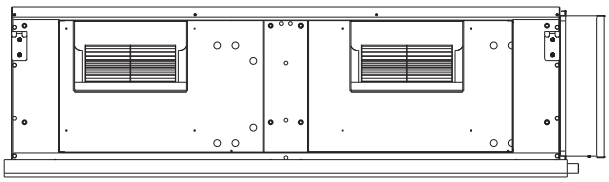

Side view (L)




Top view




Side view (R)



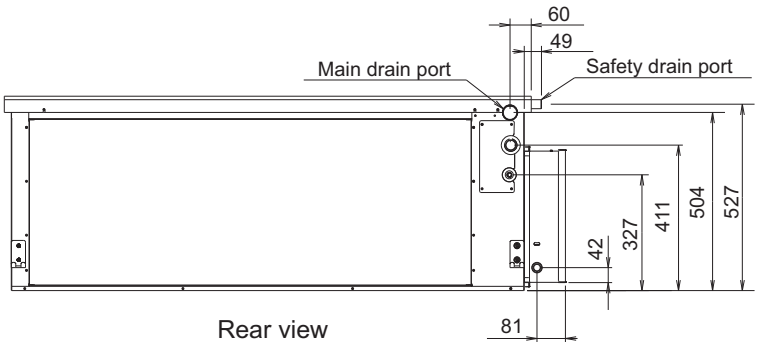
Front view



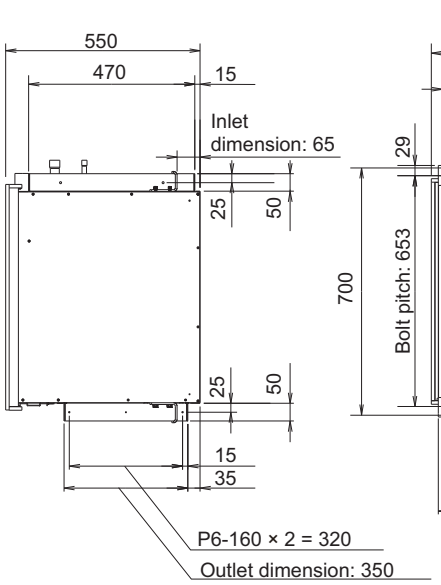
INDOOR UNITS

# ■ Model: ARXC096GTEH

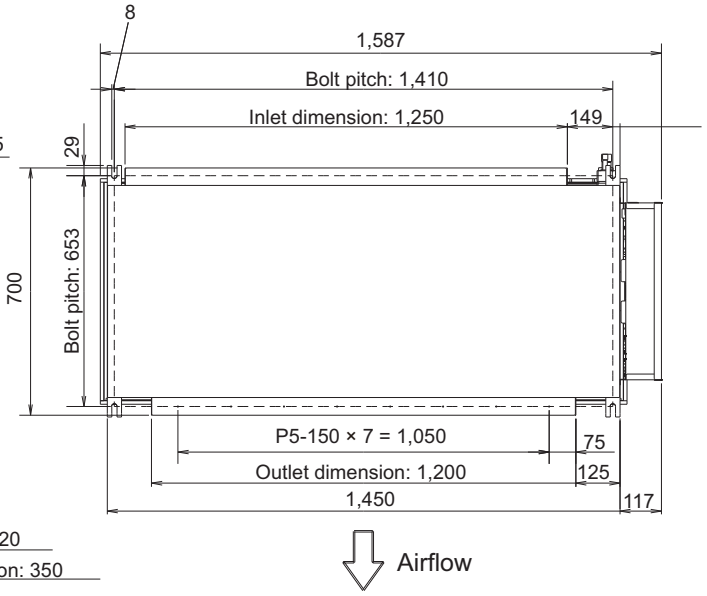
Unit: mm



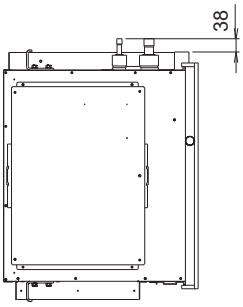

Rear view



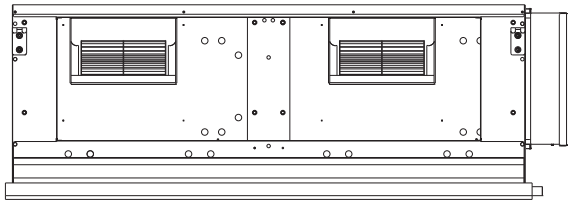

Side view (L)




Top view




Side view (R)



Front view

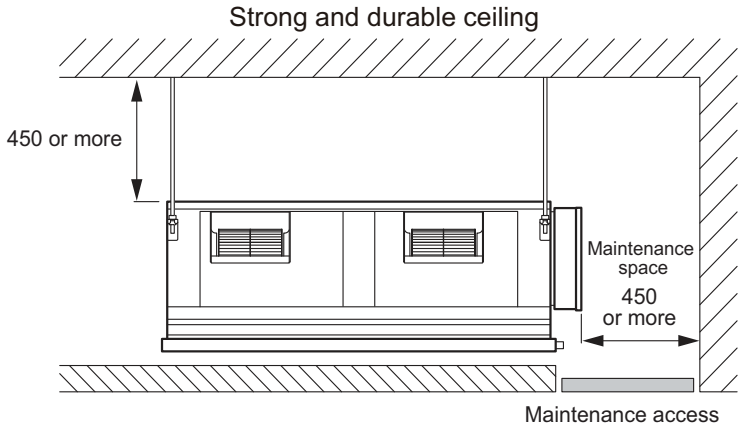


INDOOR UNITS

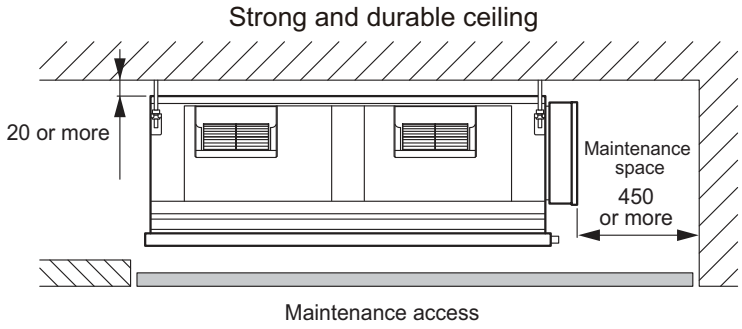
# ■ Installation space requirement

Unit: mm

- When maintenance access will be carried out above the indoor unit, a recommended installation space of 450 mm is required.




- Installation by which service is carried out from the bottom of the unit.

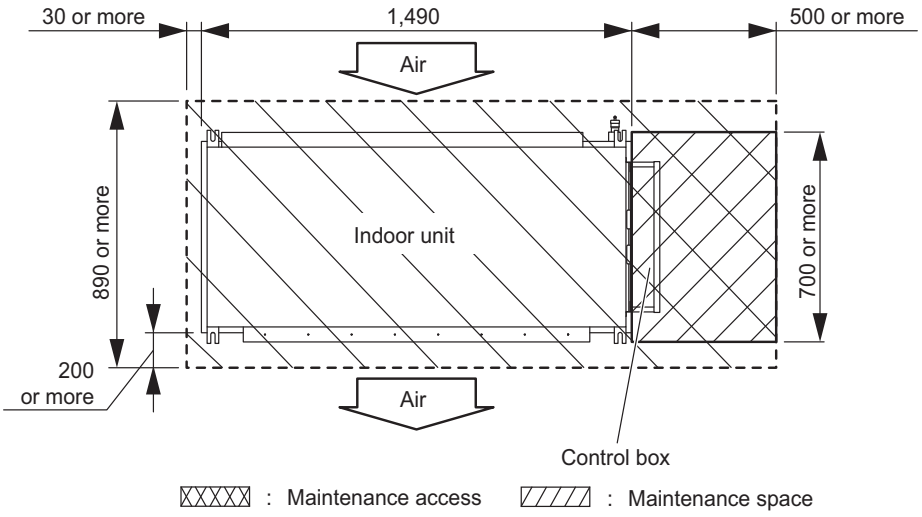



# ■ Maintenance space requirement

For future maintenance and maintenance access, provide sufficient maintenance space.

**NOTE:** Do not place any wiring or illumination in the maintenance space, as they will impede service.

Unit: mm

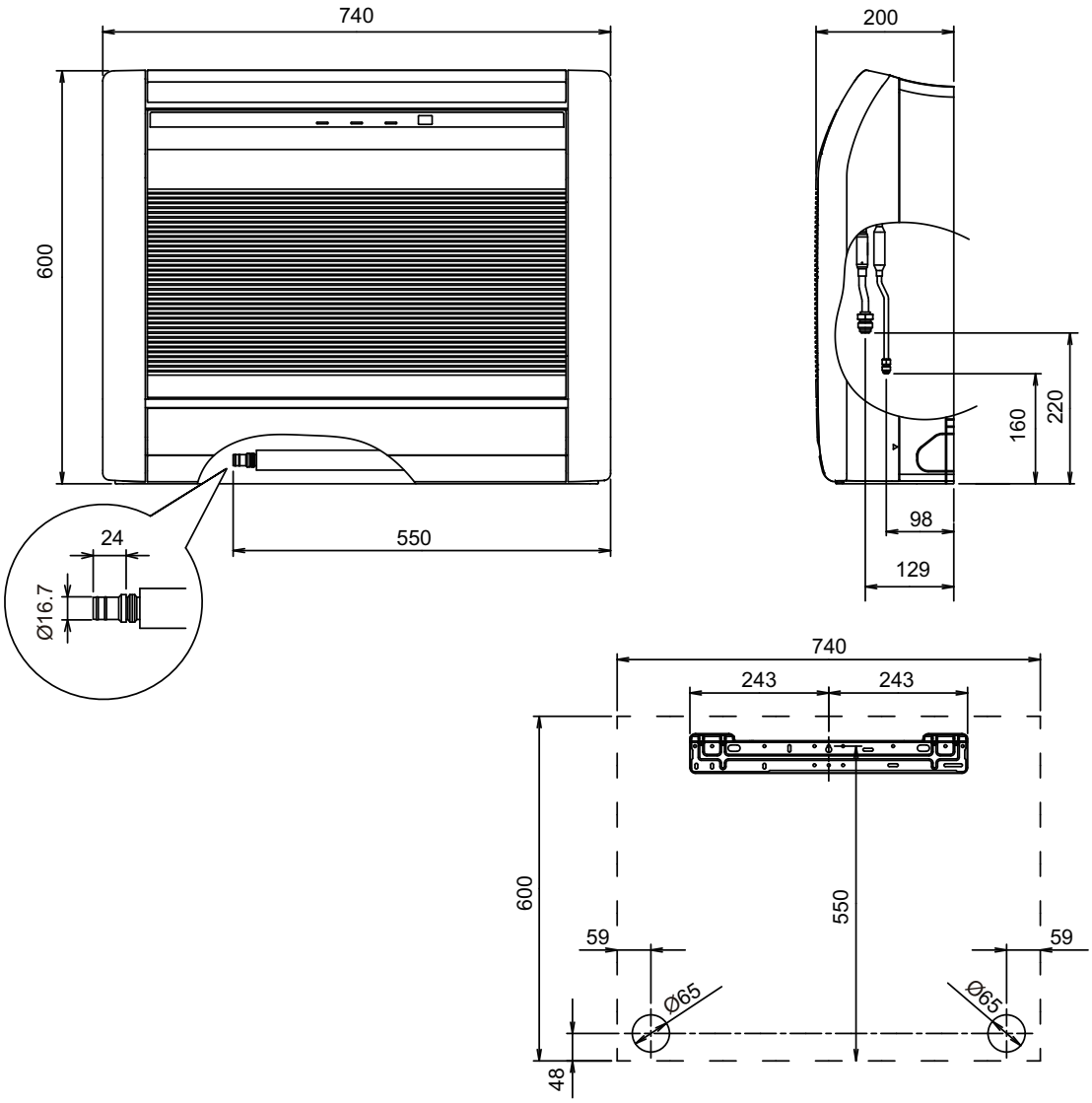



Top view

# 4-11. Compact floor type

## ■ Models: AG∗A004GCGH, AG∗A007GCGH, AG∗A009GCGH, AG∗A012GCGH, AG∗A014GCGH, AG∗E004GCEH, AG∗E007GCEH, AG∗E009GCEH, AG∗E012GCEH, and AG∗E014GCEH

Unit: mm

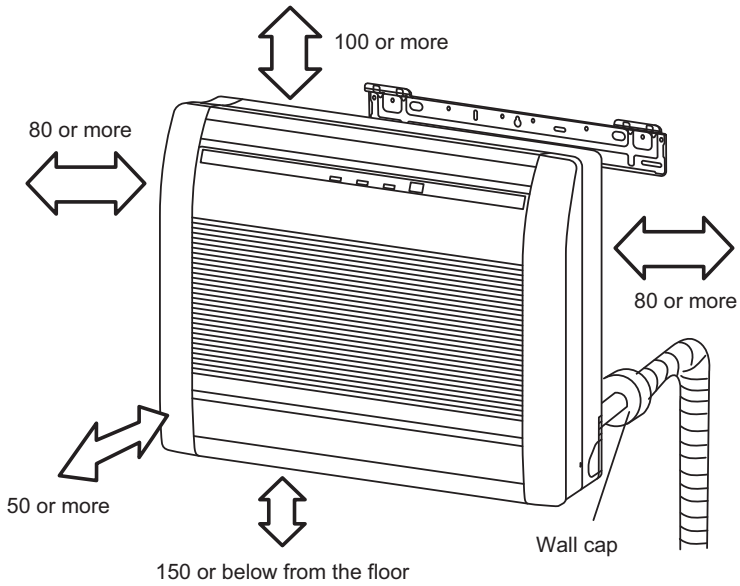





INDOOR UNITS

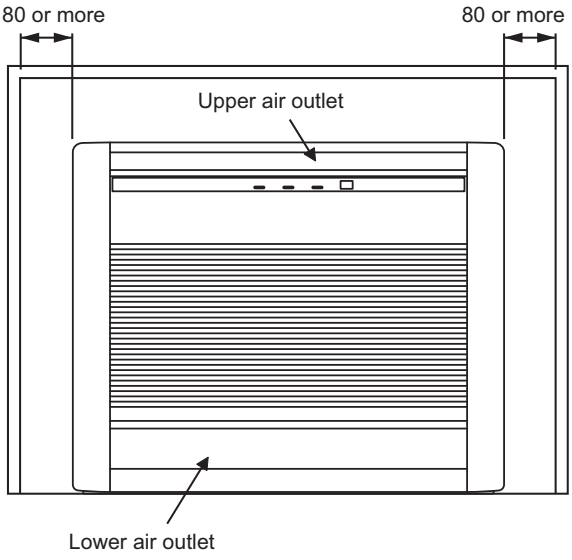
# ■ Installation space requirement

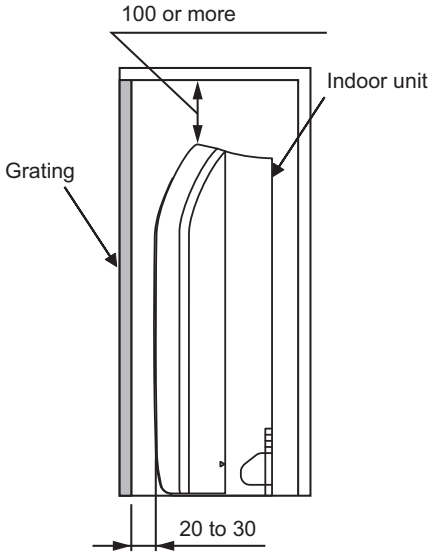
Unit: mm






INDOOR UNITS

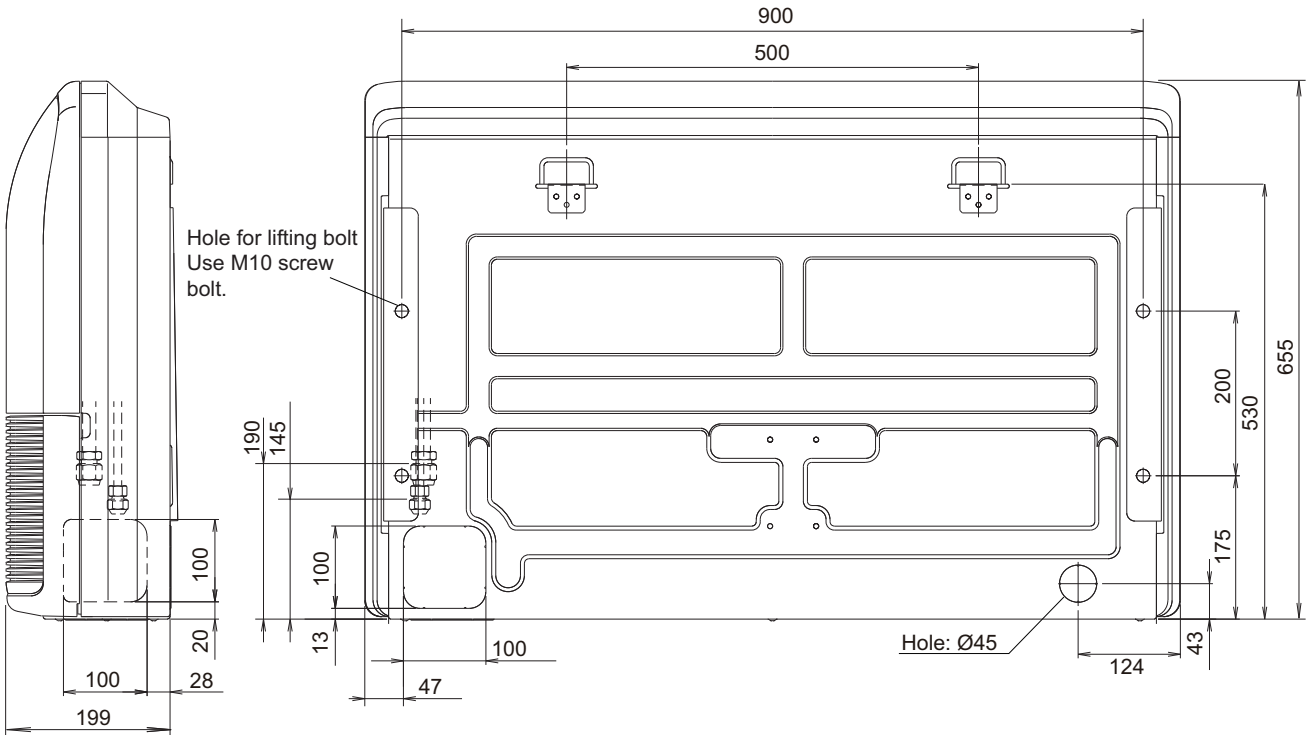


# 4-12. Floor/Ceiling type

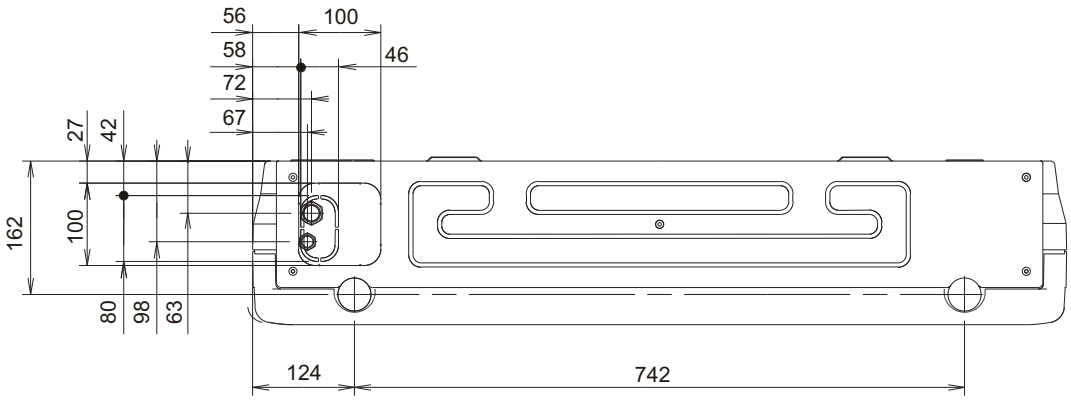
## ■ Models: AB∗A012GTEH, AB∗A014GTEH, AB∗A018GTEH, and AB∗A024GTEH

Unit: mm




Side view

Rear view



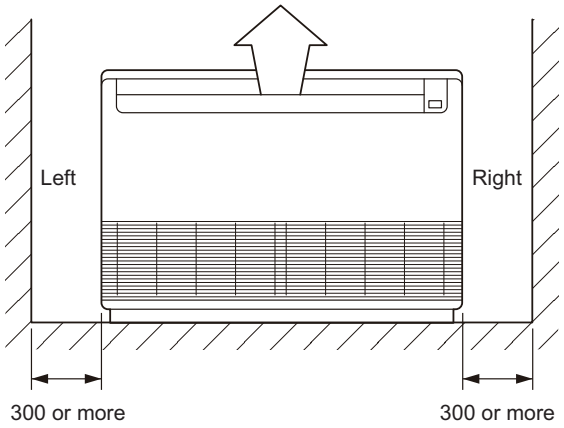

Bottom view



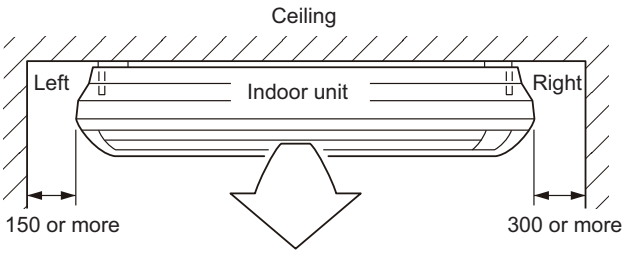
INDOOR UNITS

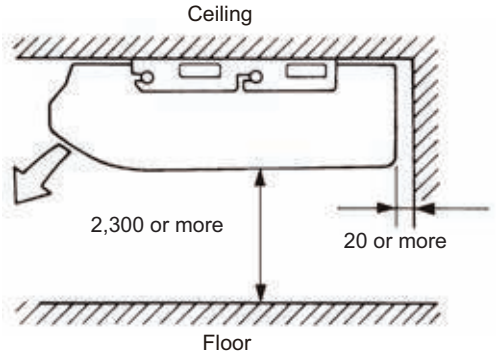
# ■ Installation space requirement

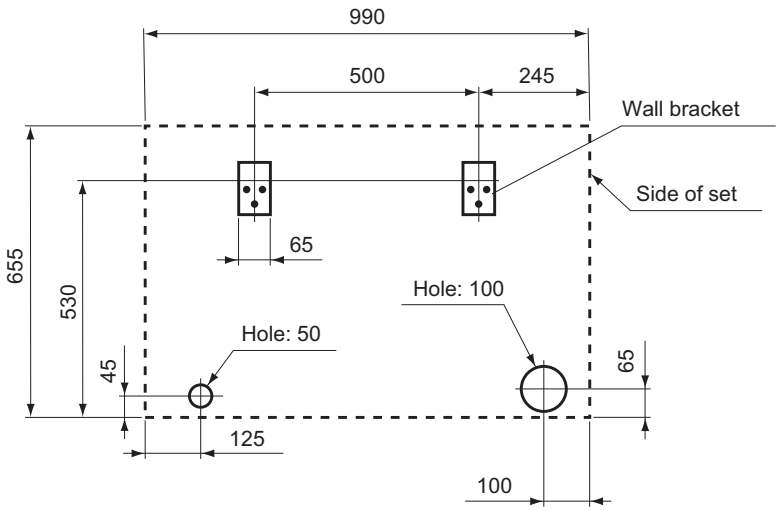
Unit: mm





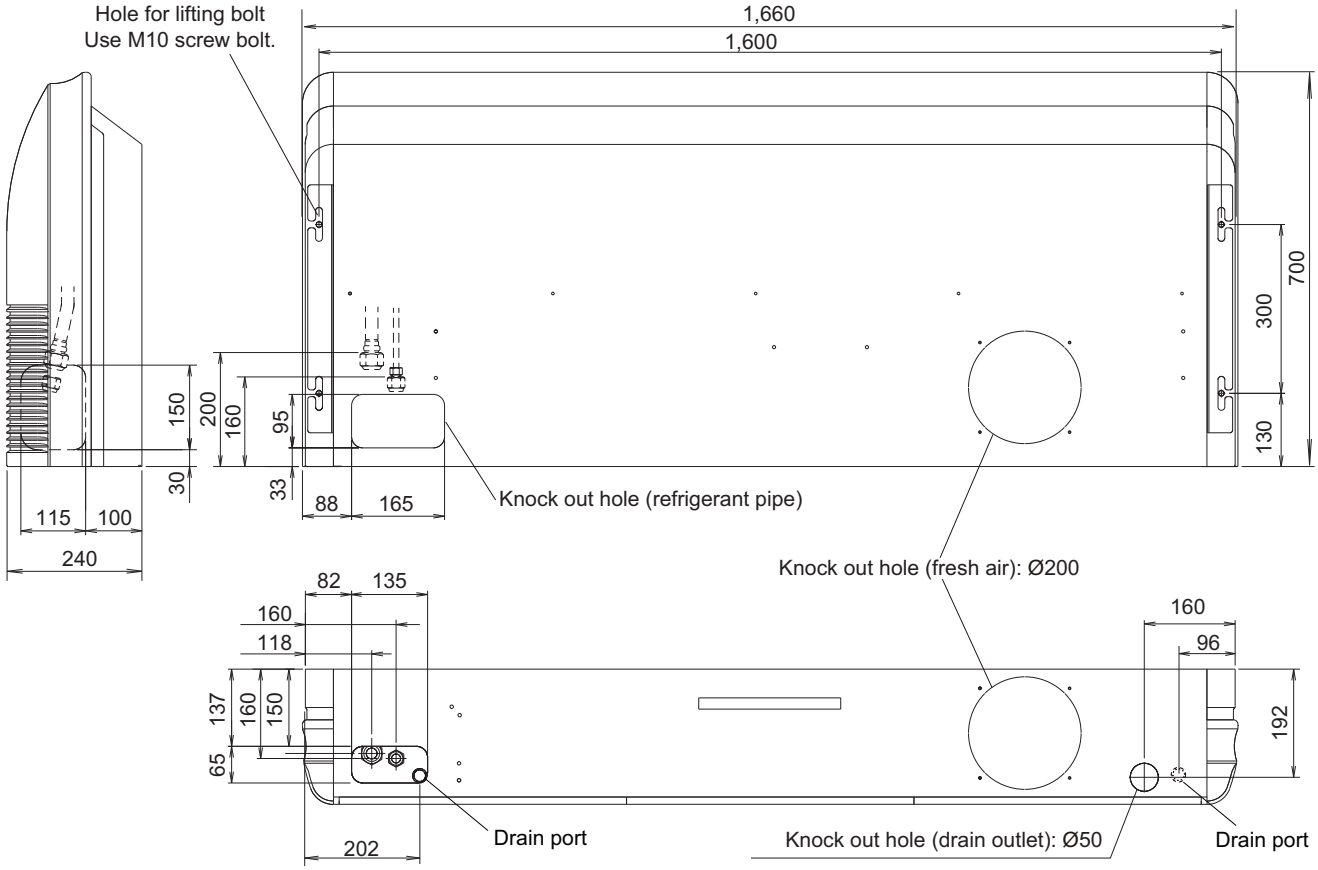



# 4-13. Ceiling type

## ■ Models: AB∗A030GTEH, AB∗A036GTEH, AB∗A045GTEH, and AB∗A054GTEH

Unit: mm

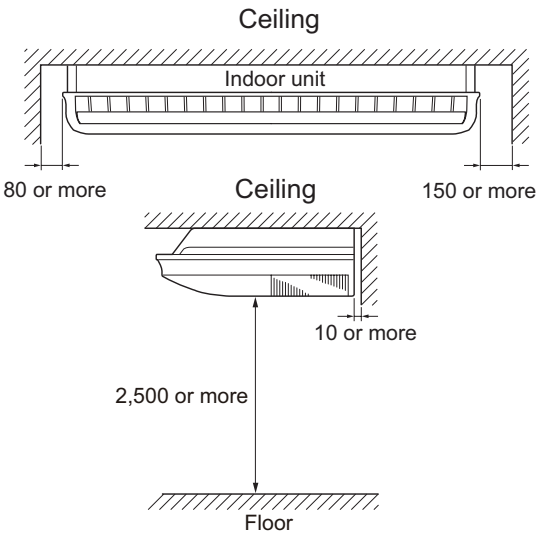


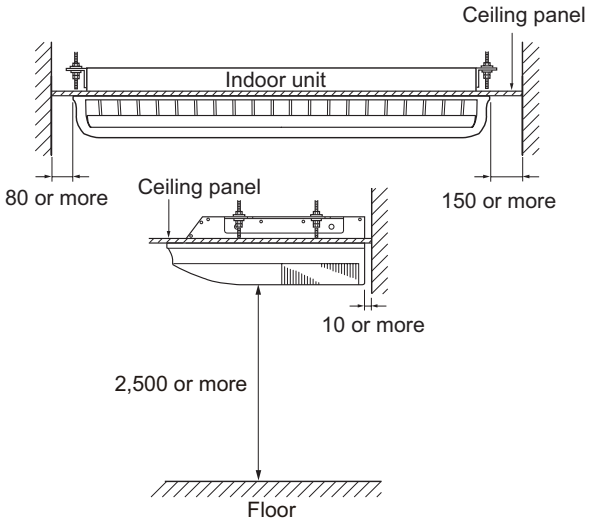



INDOOR UNITS

# ■ Installation space requirement

Unit: mm

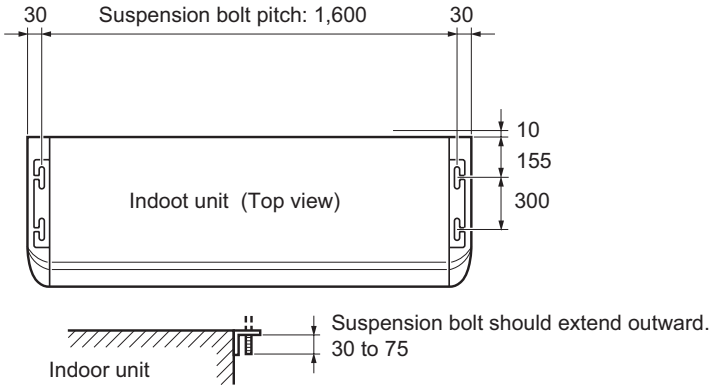





INDOOR UNITS

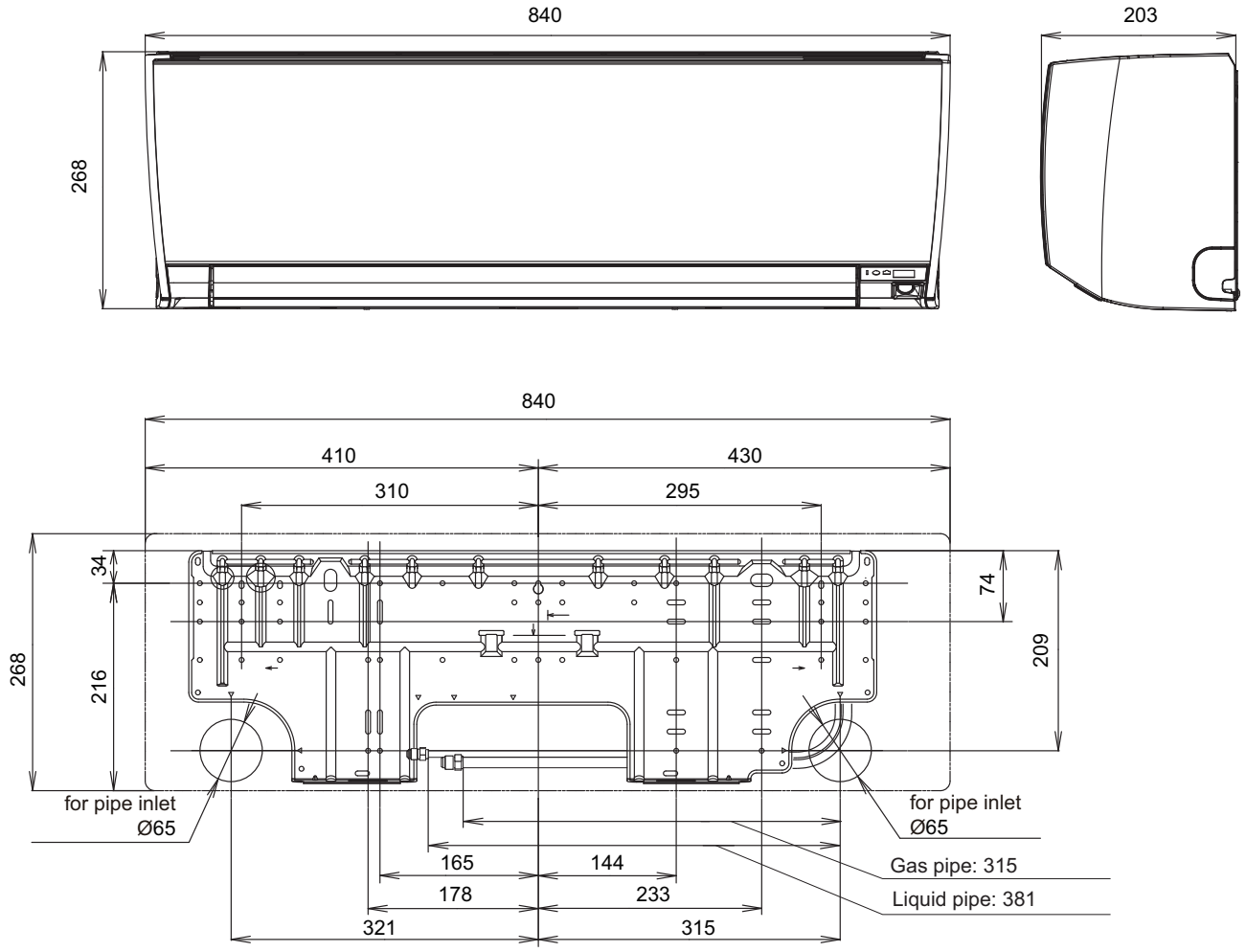
Dimensions (Space required for Installation)



# 4-14. Wall mounted type

## ■ Models: AS∗A004GCGH, AS∗A007GCGH, AS∗A009GCGH, AS∗A012GCGH, AS∗A014GCGH, AS∗E004GCEH, AS∗E007GCEH, AS∗E009GCEH, AS∗E012GCEH, and AS∗E014GCEH

Unit: mm

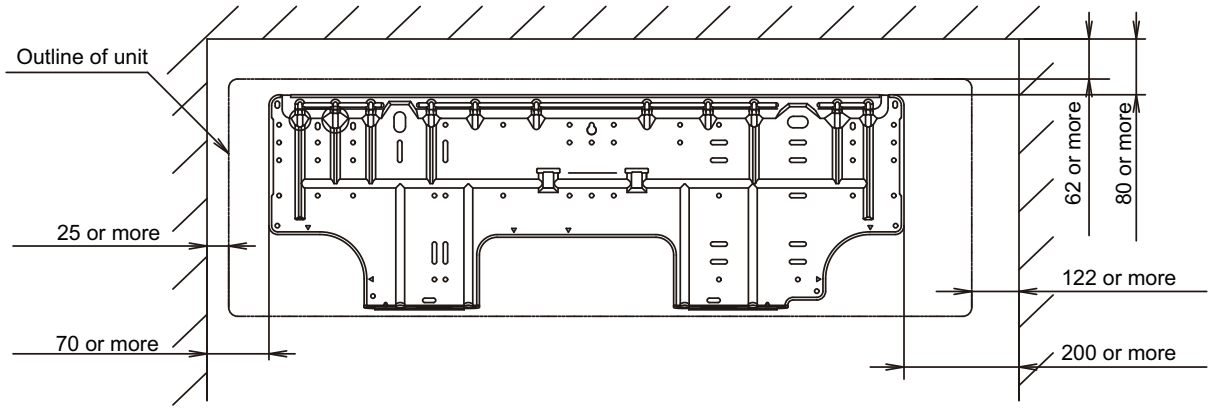





INDOOR UNITS

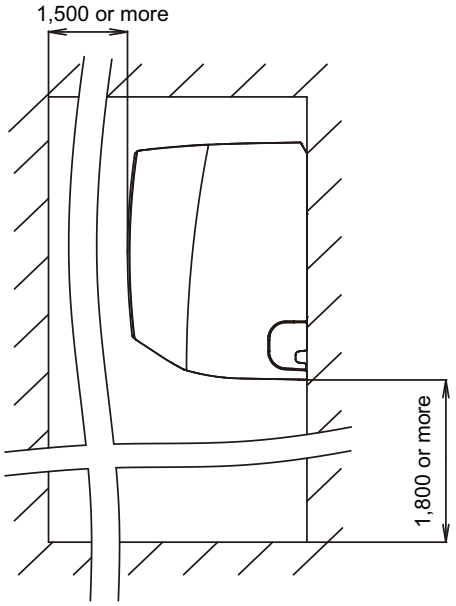
# ■ Installation space requirement

Unit: mm



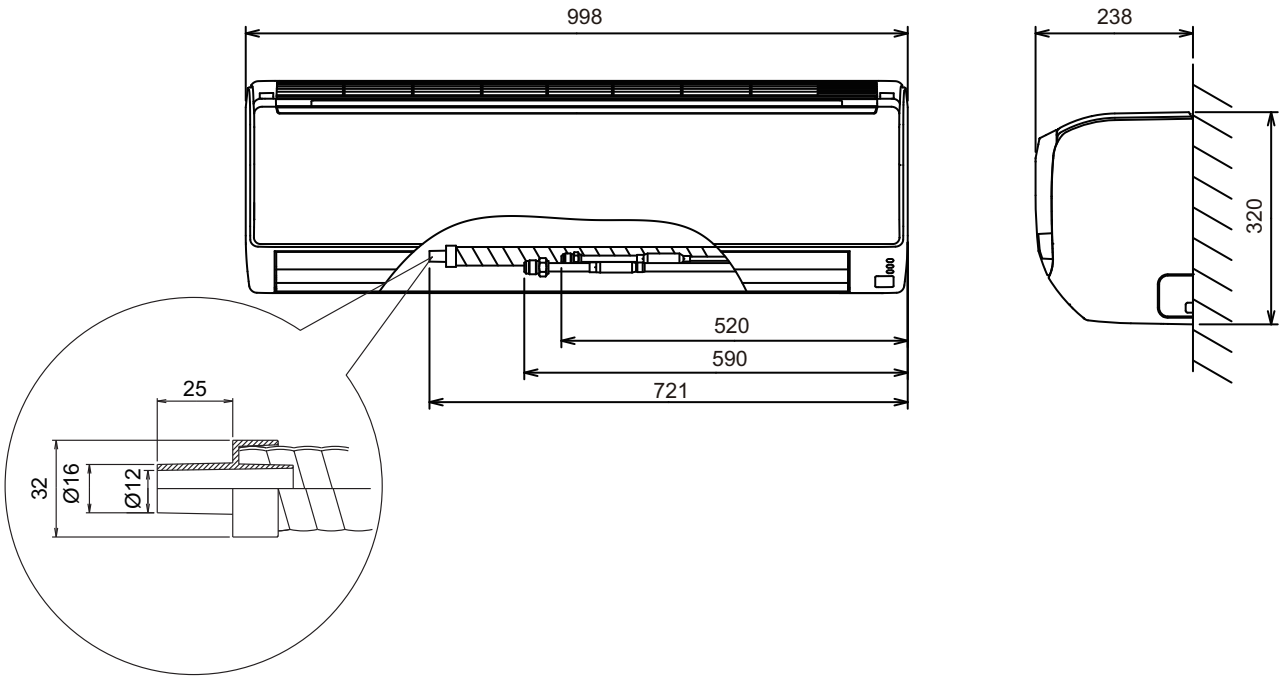



INDOOR UNITS



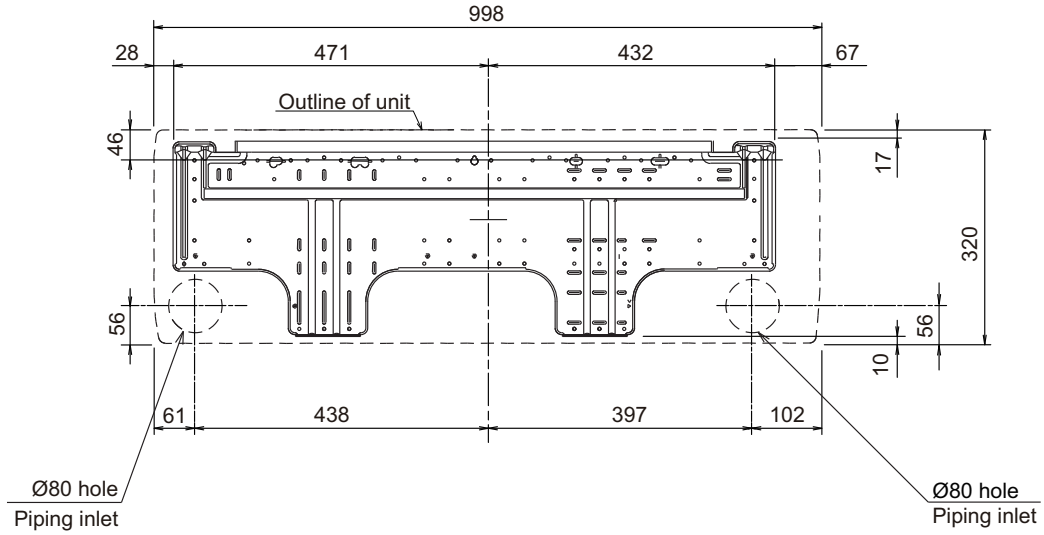
# ■ Models: AS∗A18GBCH and AS∗A24GBCH

Unit: mm



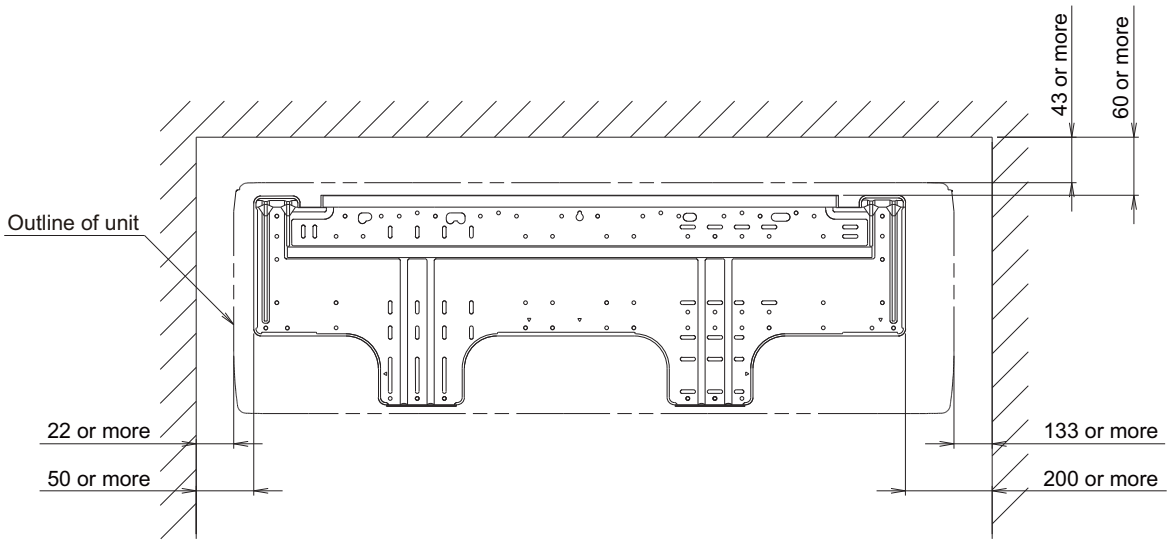


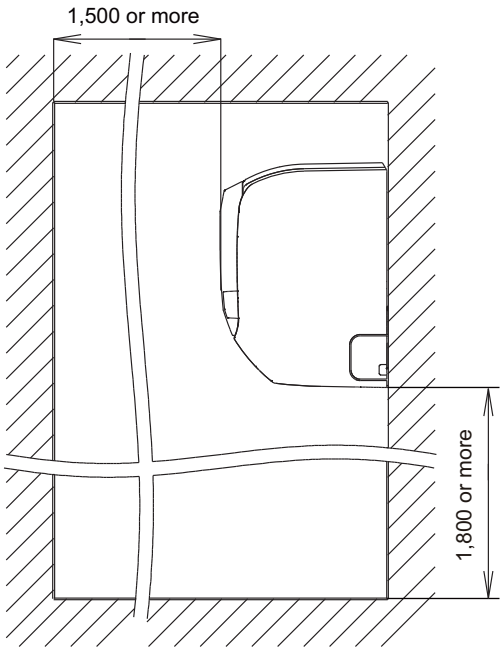

INDOOR UNITS



# ■ Installation space requirement

Unit: mm



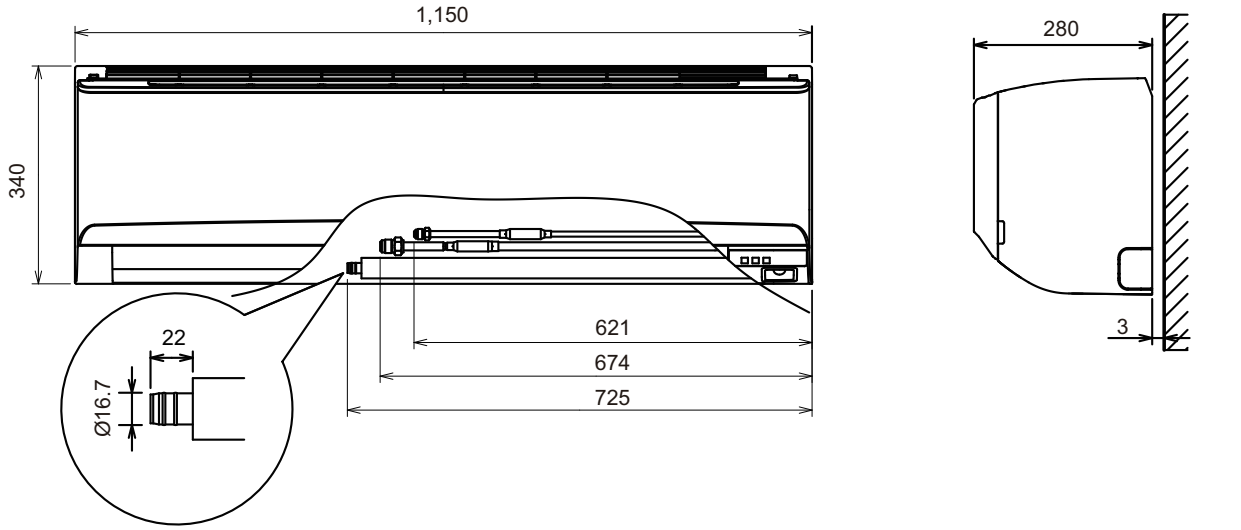



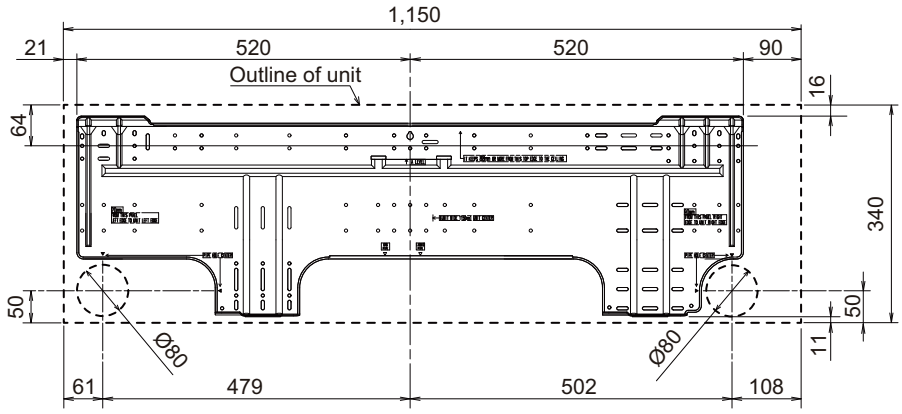



INDOOR UNITS

# ■ Models: AS∗A030GTEH and AS∗A034GTEH

Unit: mm



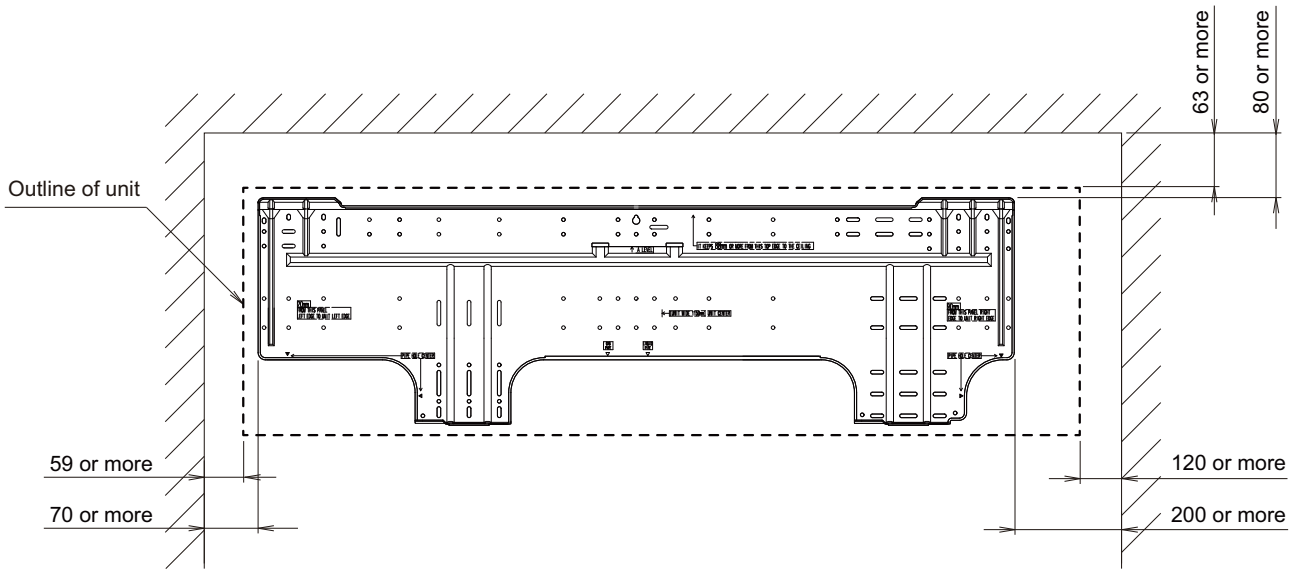



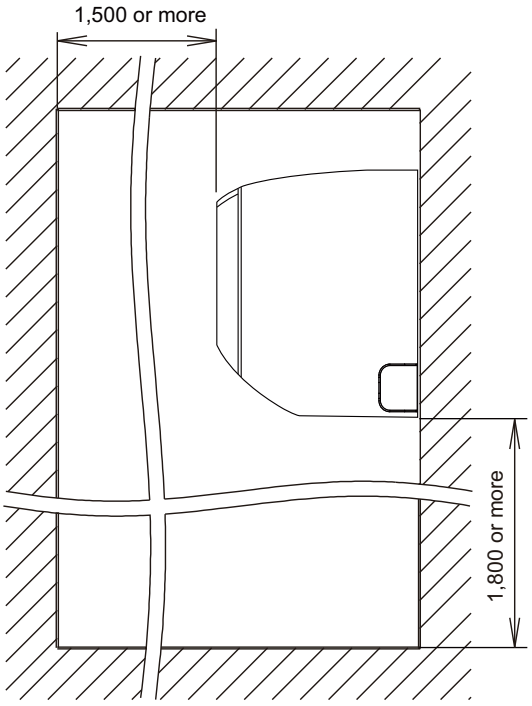



INDOOR UNITS

# ■ Installation space requirement

Unit: mm



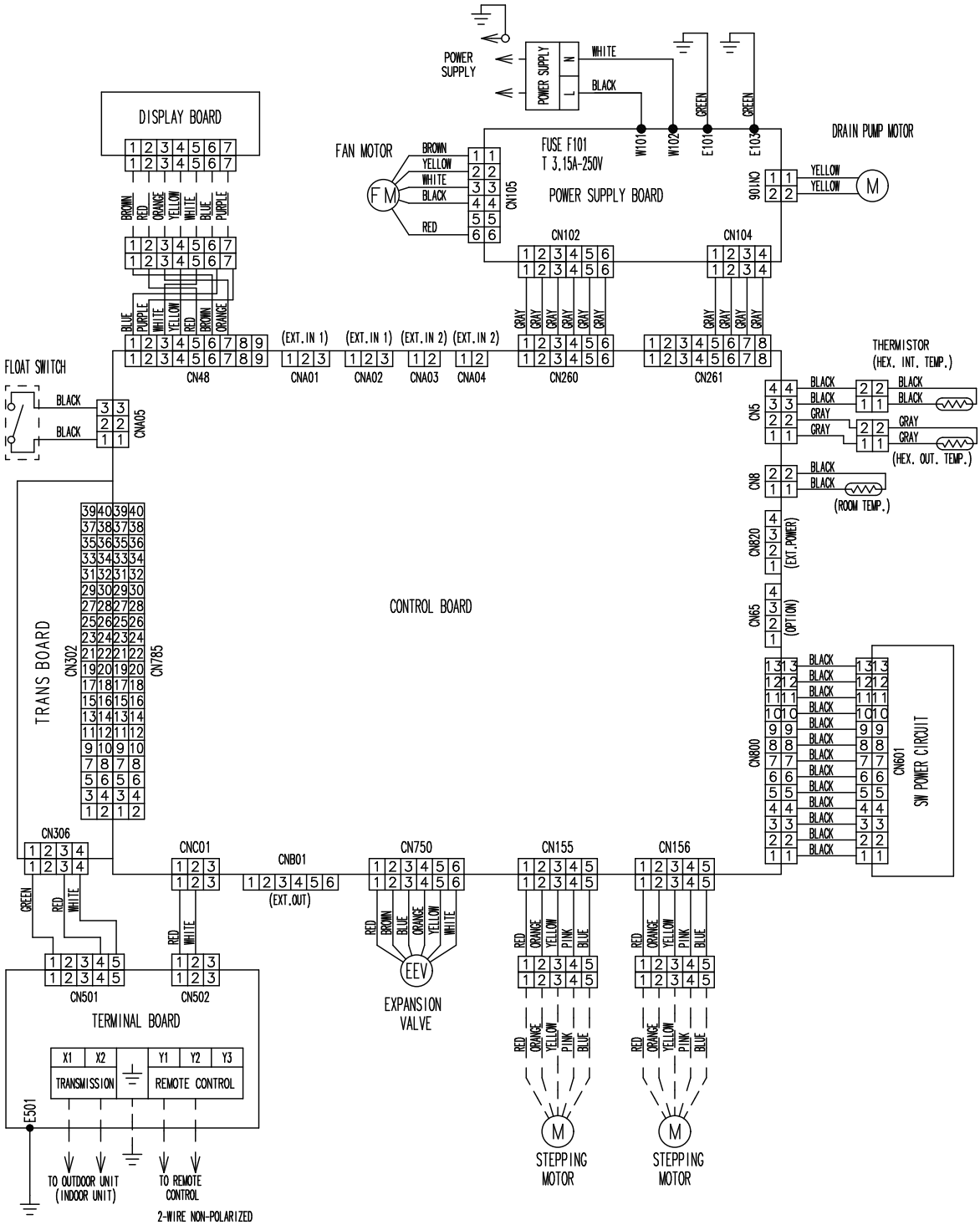


INDOOR UNITS

# 5. Wiring diagrams

## 5-1. Compact cassette type

### ■ Models: AUXB004GLEH, AUXB007GLEH, AUXB009GLEH, AUXB012GLEH, AUXB014GLEH, AUXB018GLEH, and AUXB024GLEH

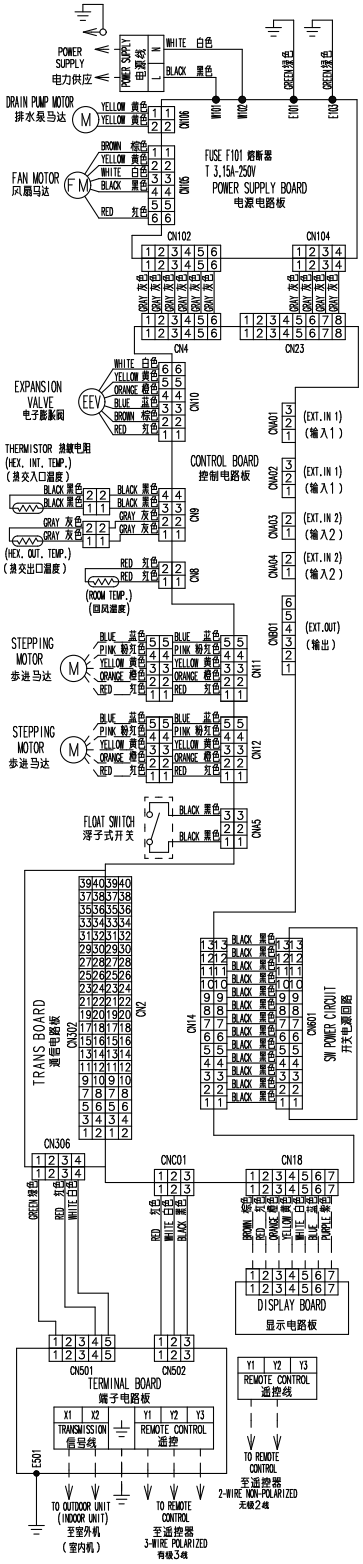





INDOOR UNITS

# 5-2. 4-way flow cassette type

## ■ Models: AUXD18GALH, AUXD24GALH, AUXA18GALH, AUXA24GALH, AUXA30GALH, AUXA34GALH, AUXA36GALH, AUXA45GALH, and AUXA54GALH

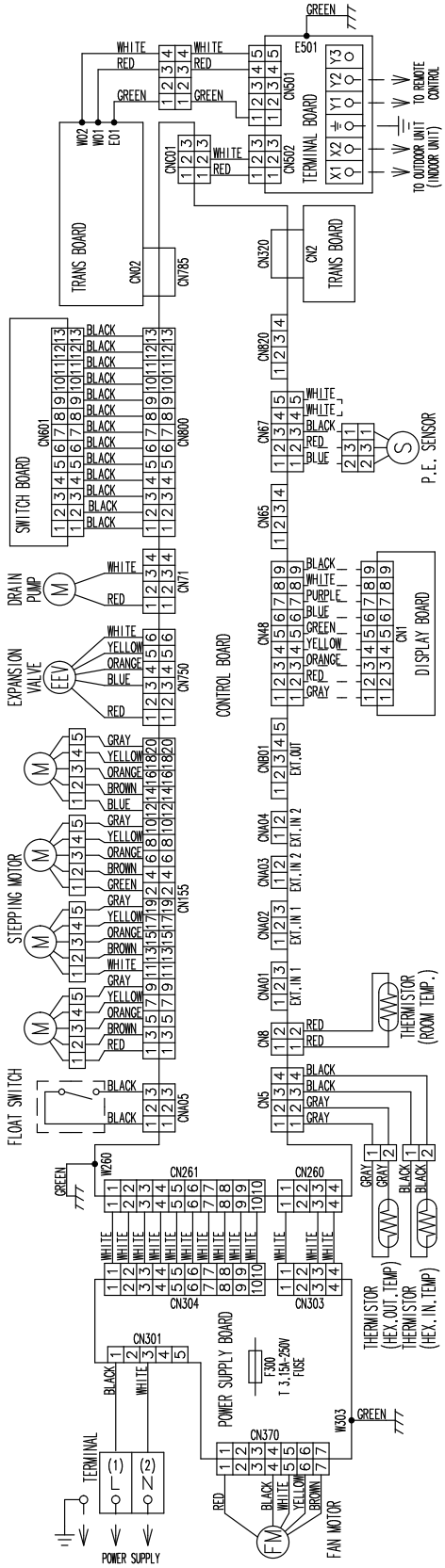





INDOOR UNITS

# 5-3. Circular flow cassette type

## ■ Models: AUXM018GLEH, AUXM024GLEH, AUXM030GLEH, AUXK018GLEH, AUXK024GLEH, AUXK030GLEH, AUXK034GLEH, AUXK036GLEH, AUXK045GLEH, and AUXK054GLEH

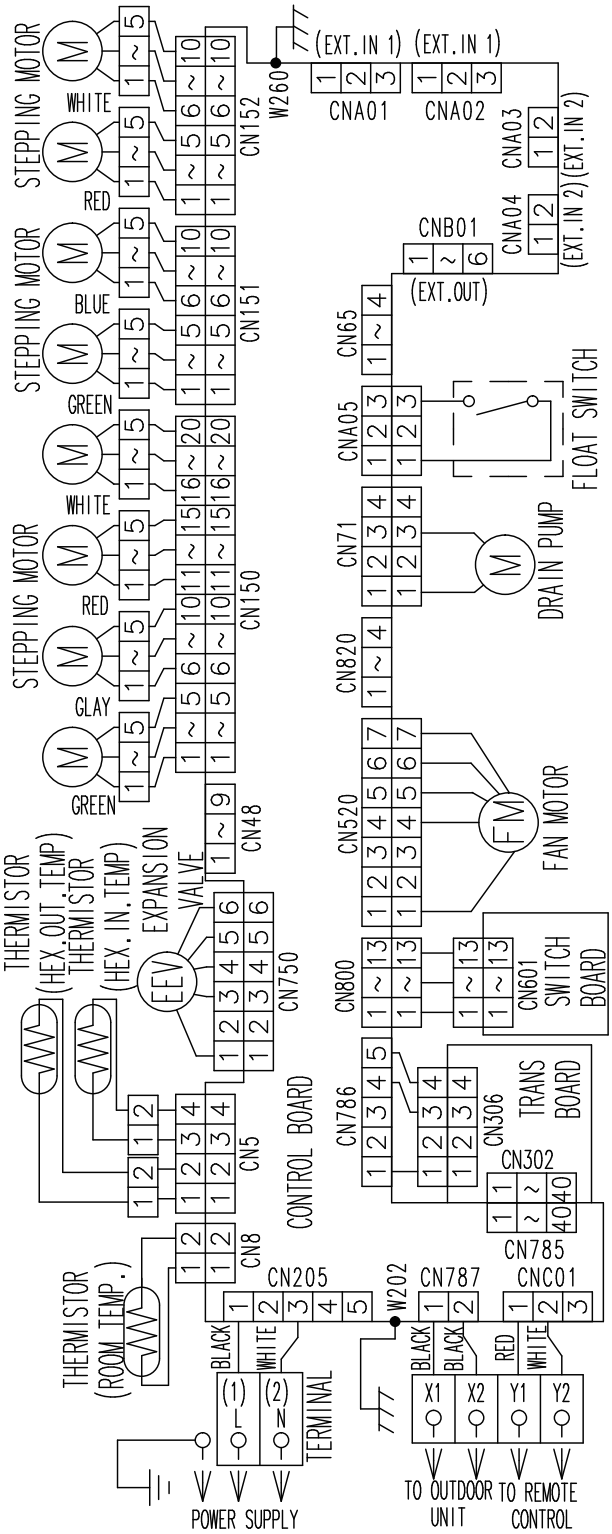





INDOOR UNITS

# 5-4. 3D flow cassette type

## ■ Models: AUXS018GLEH and AUXS024GLEH

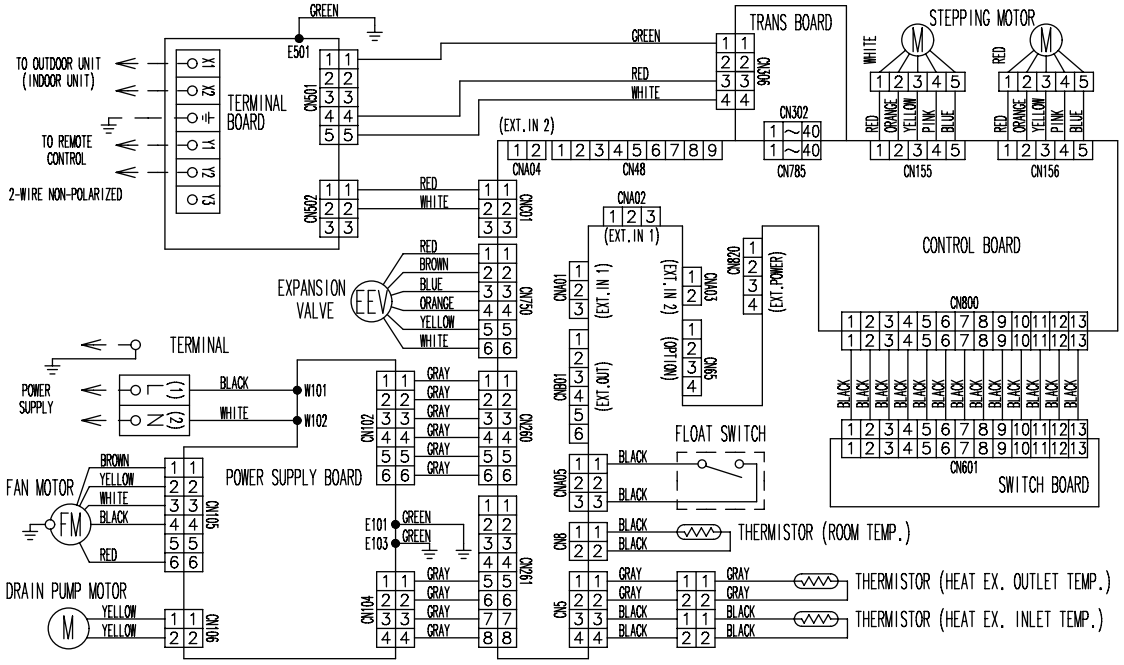





INDOOR UNITS

# 5-5. One way flow cassette type

## ■ Models: AUXV004GLEH, AUXV007GLEH, AUXV009GLEH, AUXV012GLEH, AUXV014GLEH, AUXV018GLEH, and AUXV024GLEH

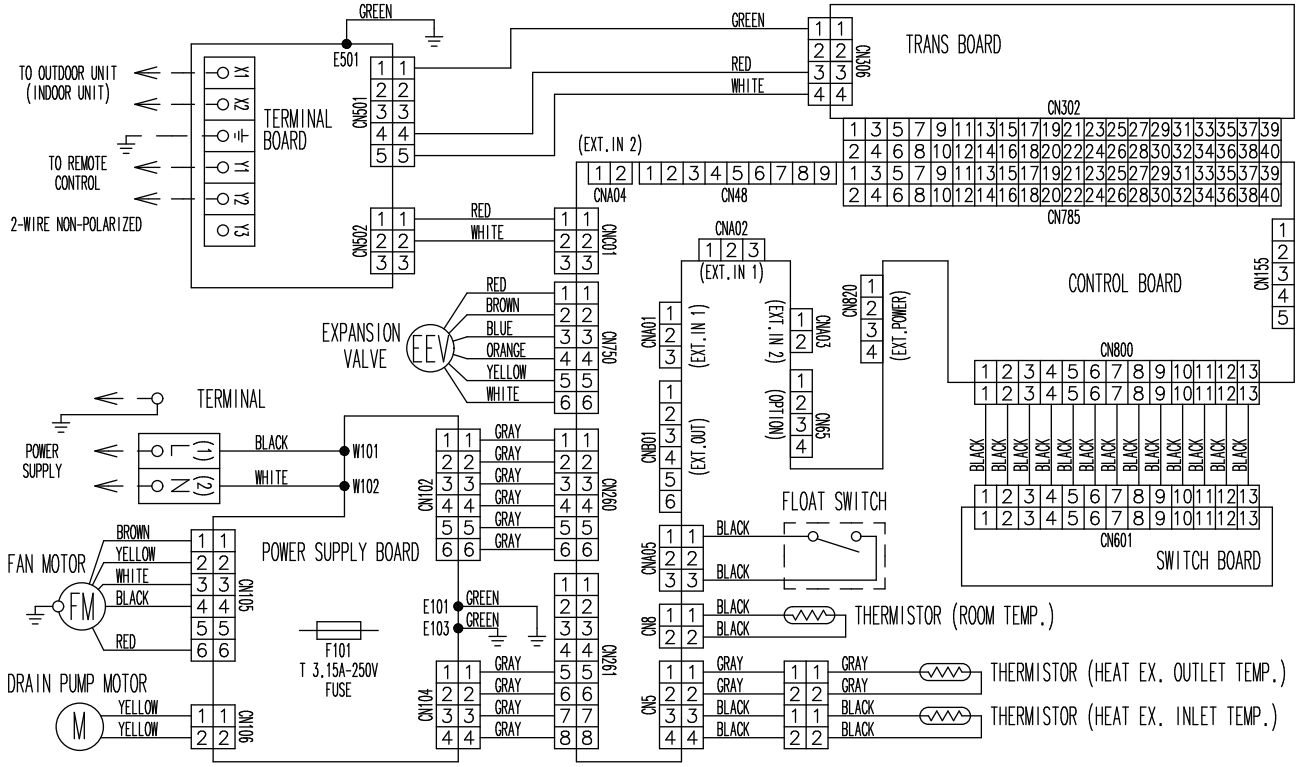





INDOOR UNITS

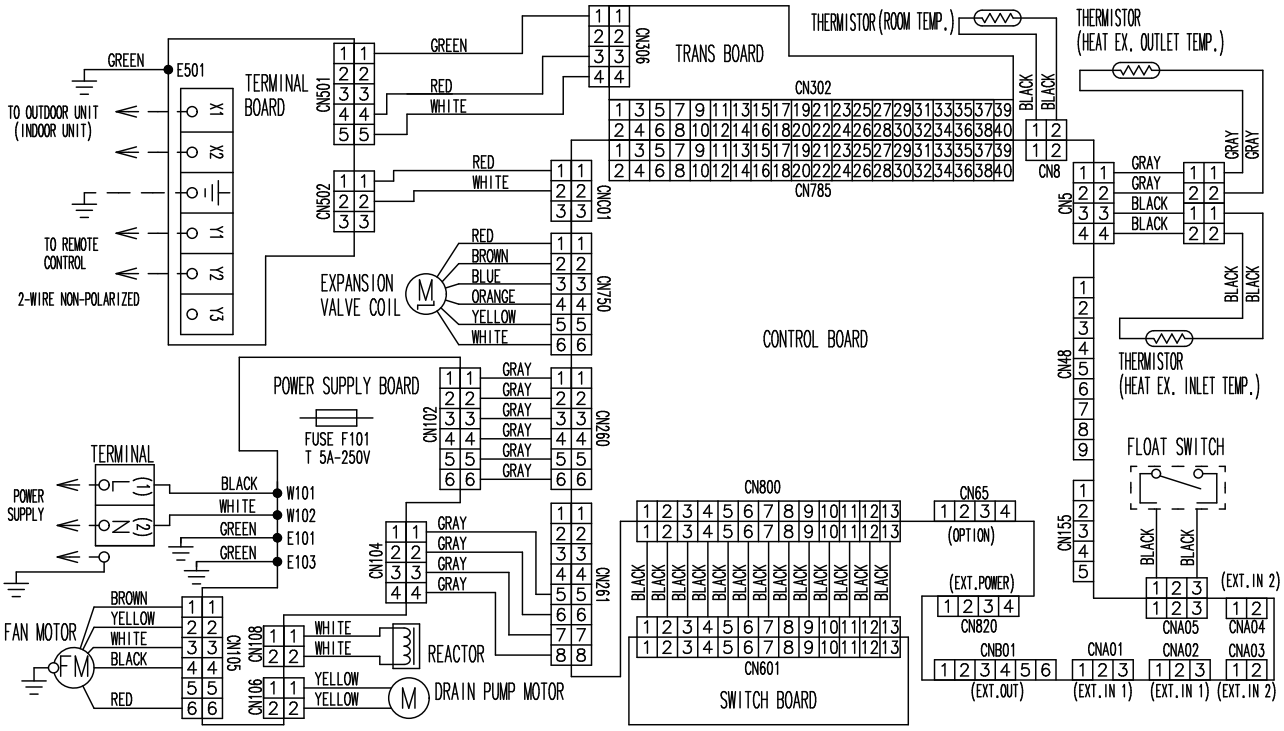
# 5-6. Low static pressure duct (Mini duct) type

## ■ Models: ARXK004GLGH, ARXK007GLGH, ARXK009GLGH, ARXK012GLGH, ARXK014GLGH, ARXK018GLGH and ARXK024GLGH



# 5-7. Low static pressure duct (Slim duct)/Slim concealed floor type

## ■ Models: ARXD007GLEH, ARXD009GLEH, ARXD012GLEH, ARXD014GLEH, ARXD018GLEH, and ARXD024GLEH

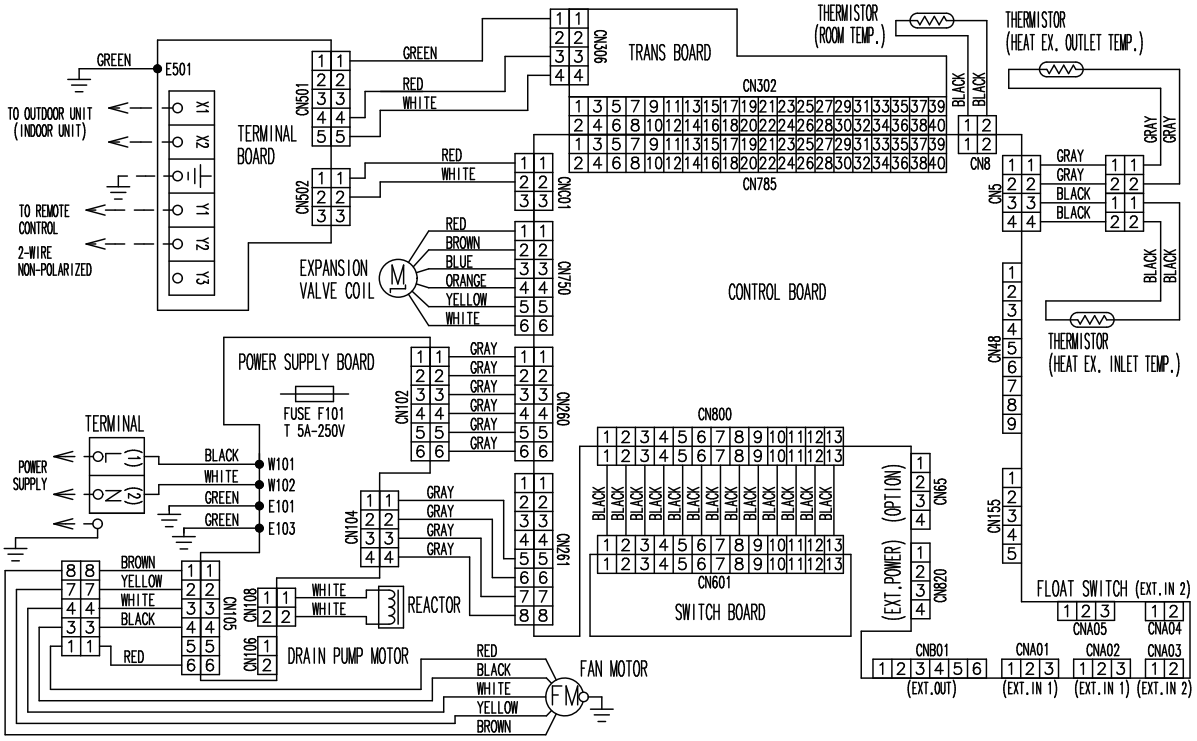





INDOOR UNITS

# 5-8. Low static pressure duct type (High efficiency)

## ■ Models: ARXP018GLFH and ARXP030GLFH

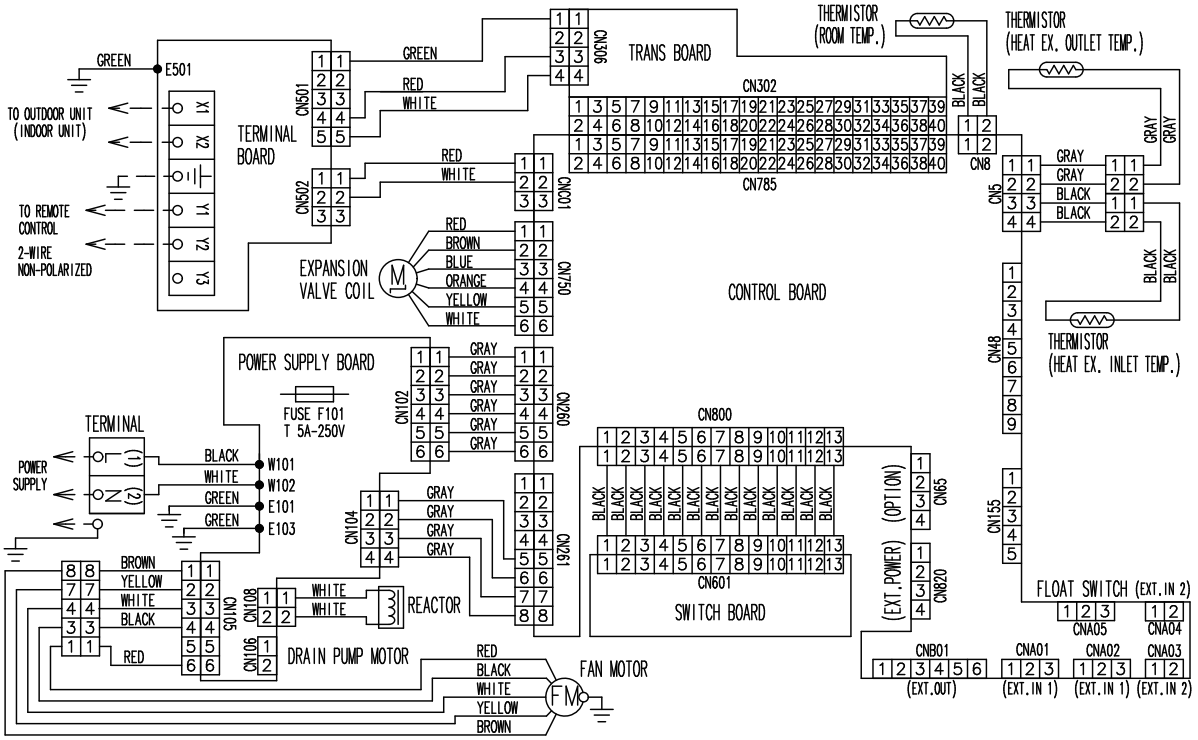





INDOOR UNITS

# 5-9. Medium static pressure duct type

## ■ Models: ARXA024GLEH, ARXA030GLEH, ARXA036GLEH, and ARXA045GLEH

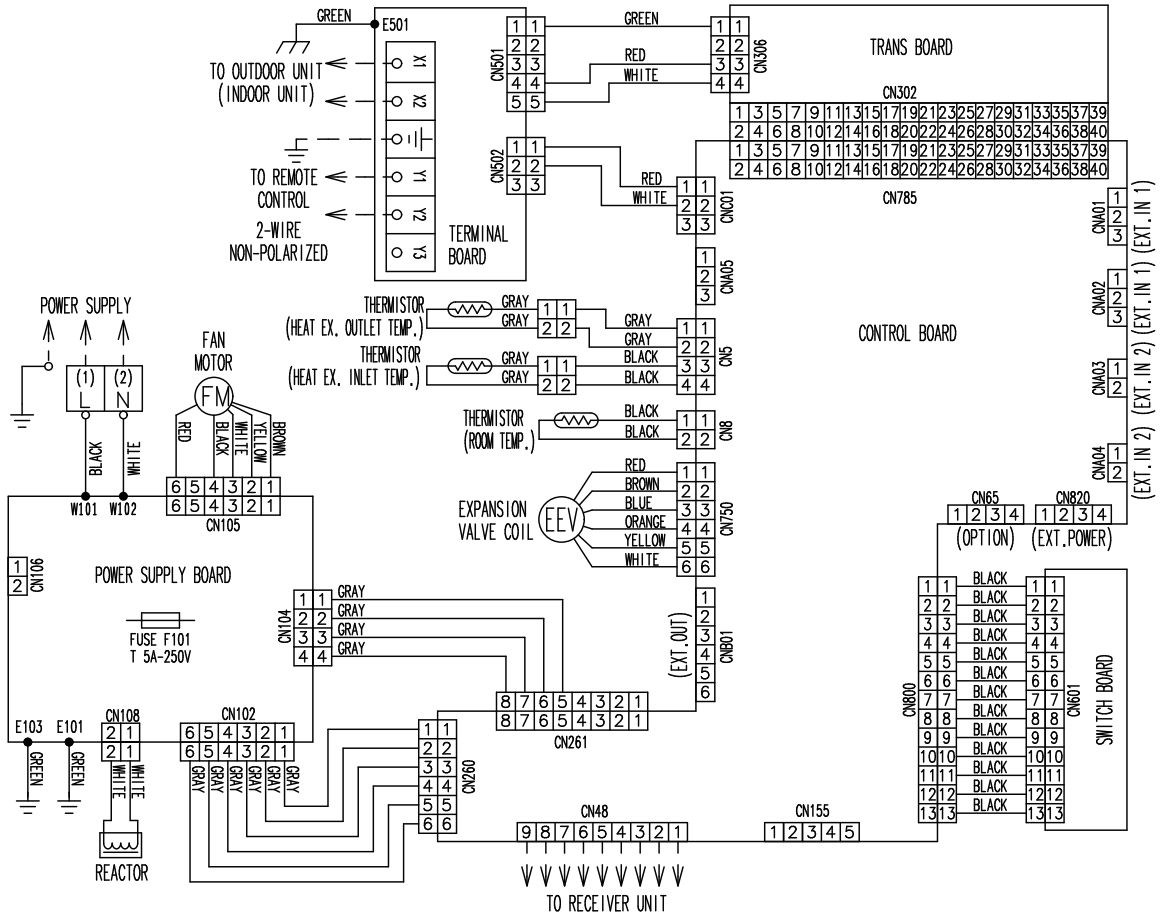




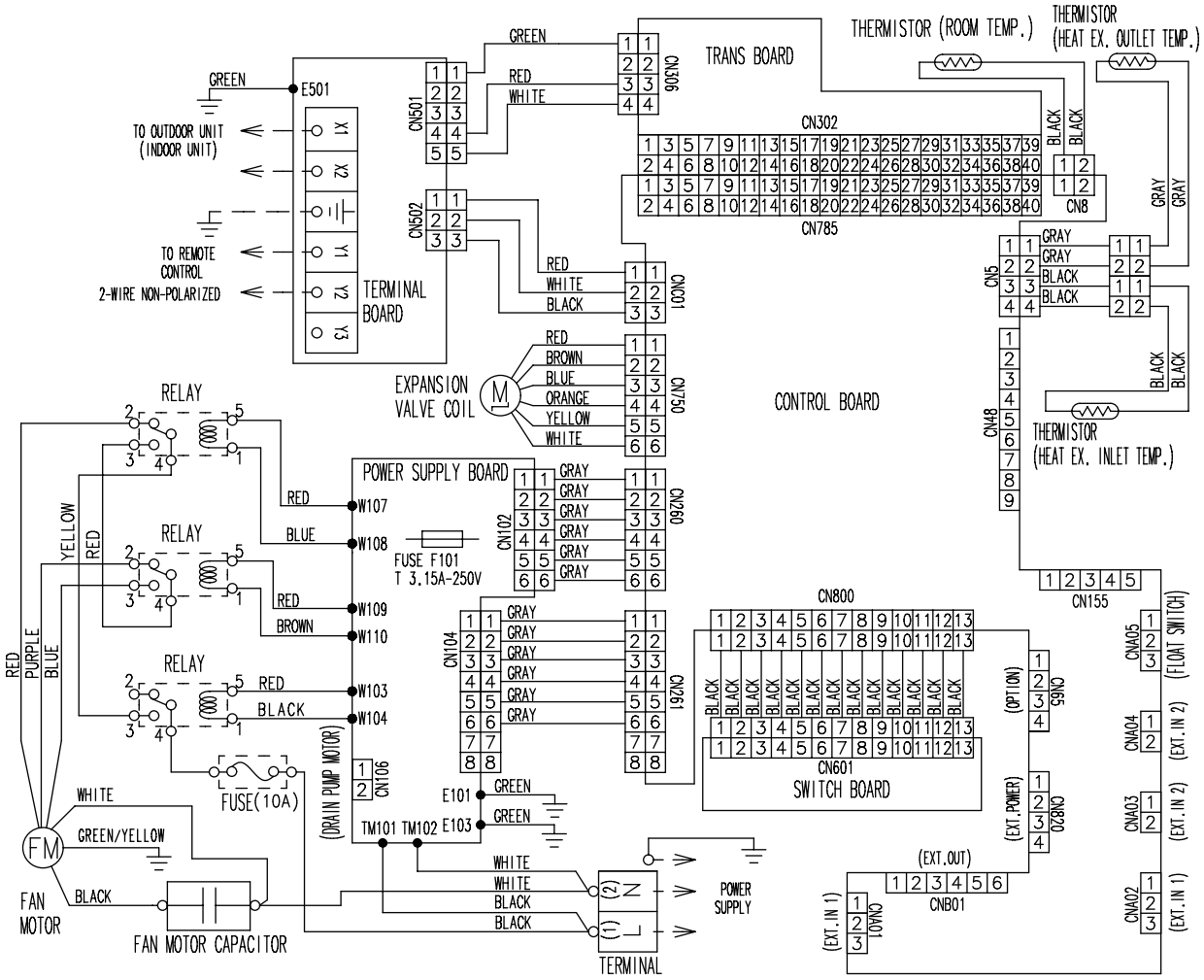

INDOOR UNITS

# 5-10. High static pressure duct type

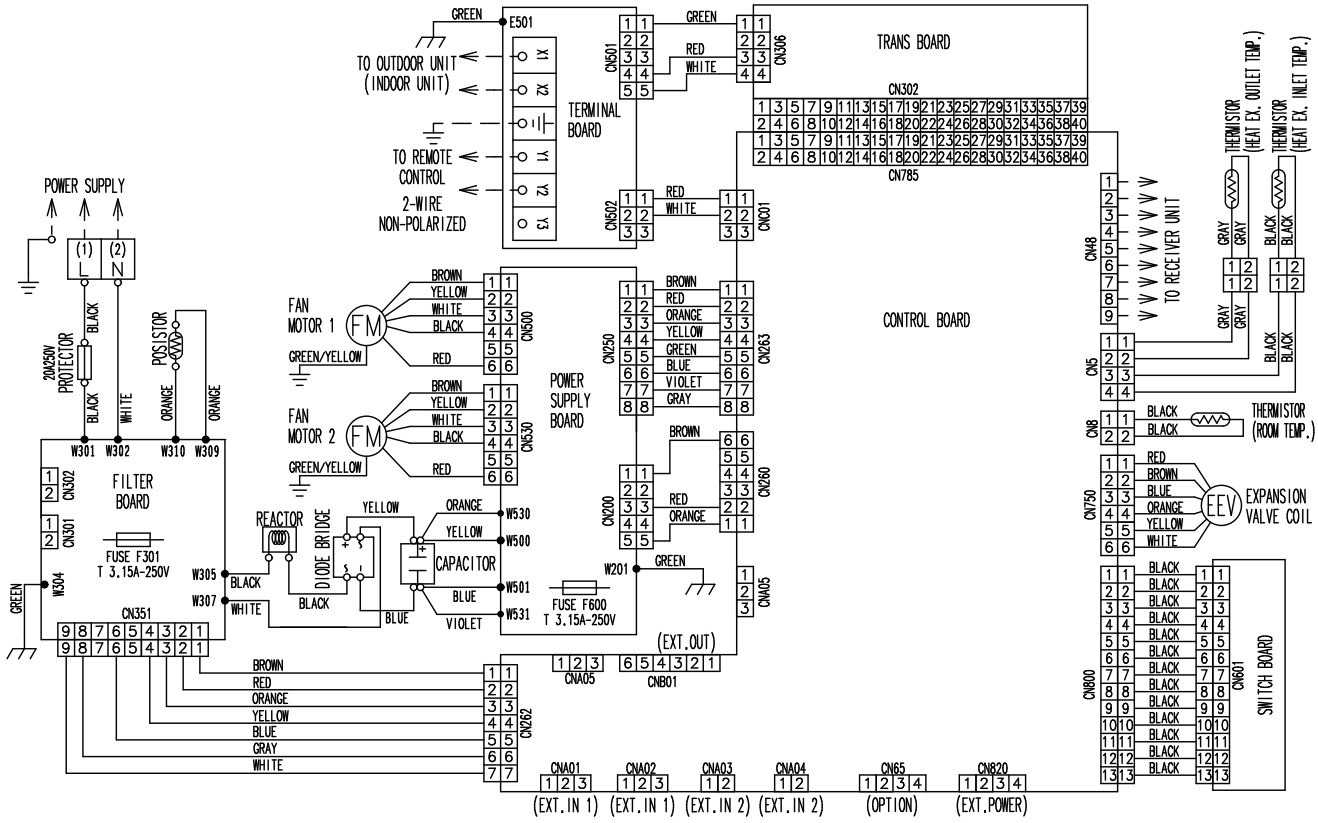
## ■ Model: ARXC036GTEH



## ■ Models: ARXC045GTEH and ARXC060GTEH

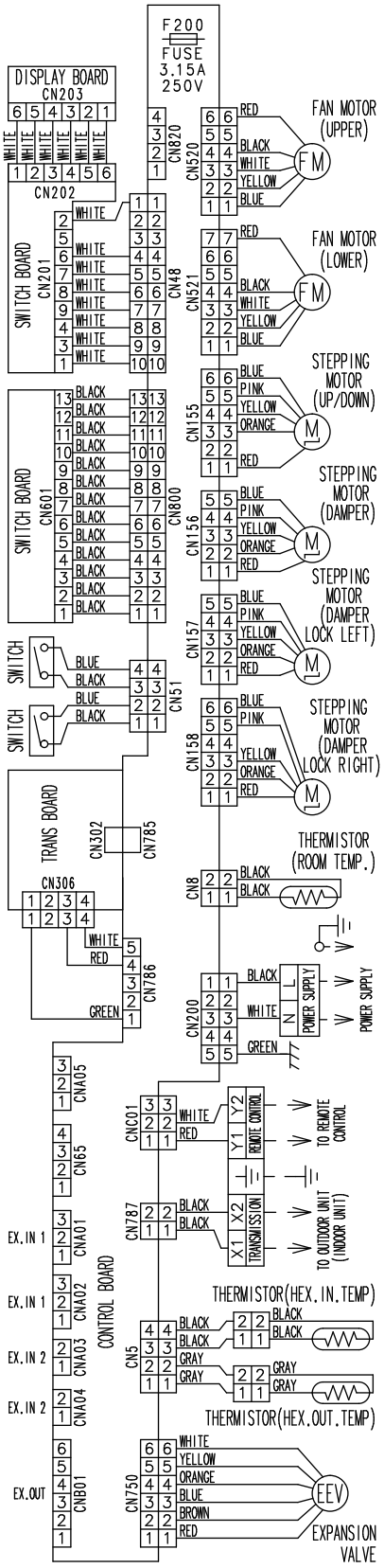



## ■ Models: ARXC072GTEH, ARXC090GTEH, and ARXC096GTEH



# 5-11. Compact floor type

## ■ Models: AG∗A004GCGH, AG∗A007GCGH, AG∗A009GCGH, AG∗A012GCGH, and AG∗A014GCGH

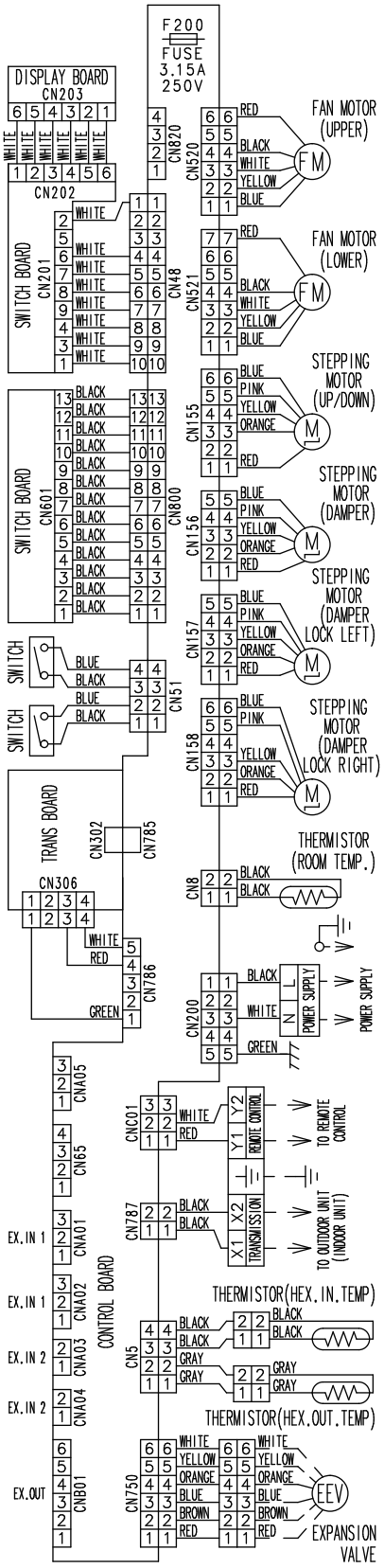





INDOOR UNITS

# 5-12. Compact floor type (EEV external model)

## ■ Models: AG∗E004GCEH, AG∗E007GCEH, AG∗E009GCEH, AG∗E012GCEH, and AG∗E014GCEH

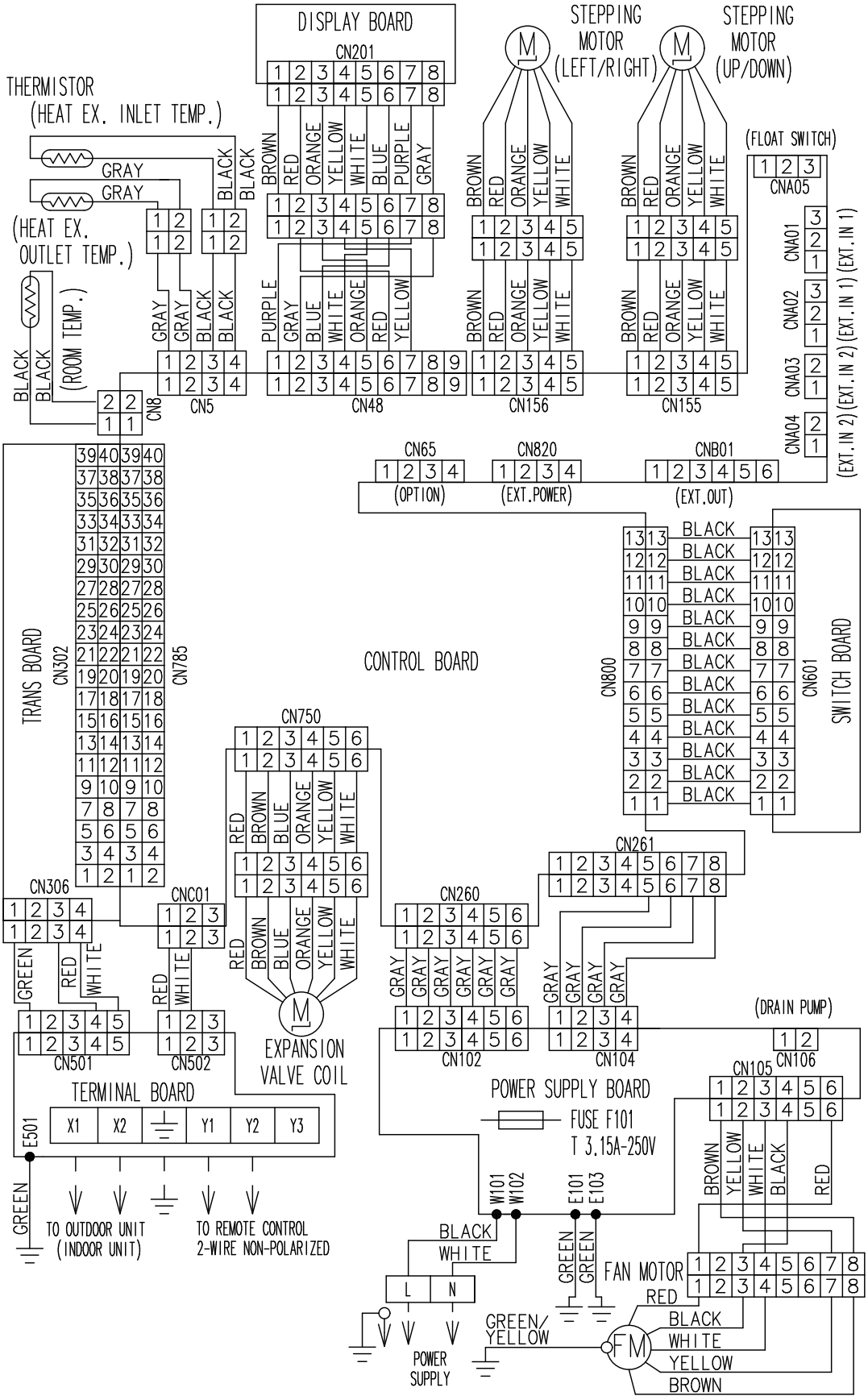





INDOOR UNITS

# 5-13. Floor/Ceiling type

## ■ Models: AB∗A012GTEH, AB∗A014GTEH, AB∗A018GTEH, and AB∗A024GTEH

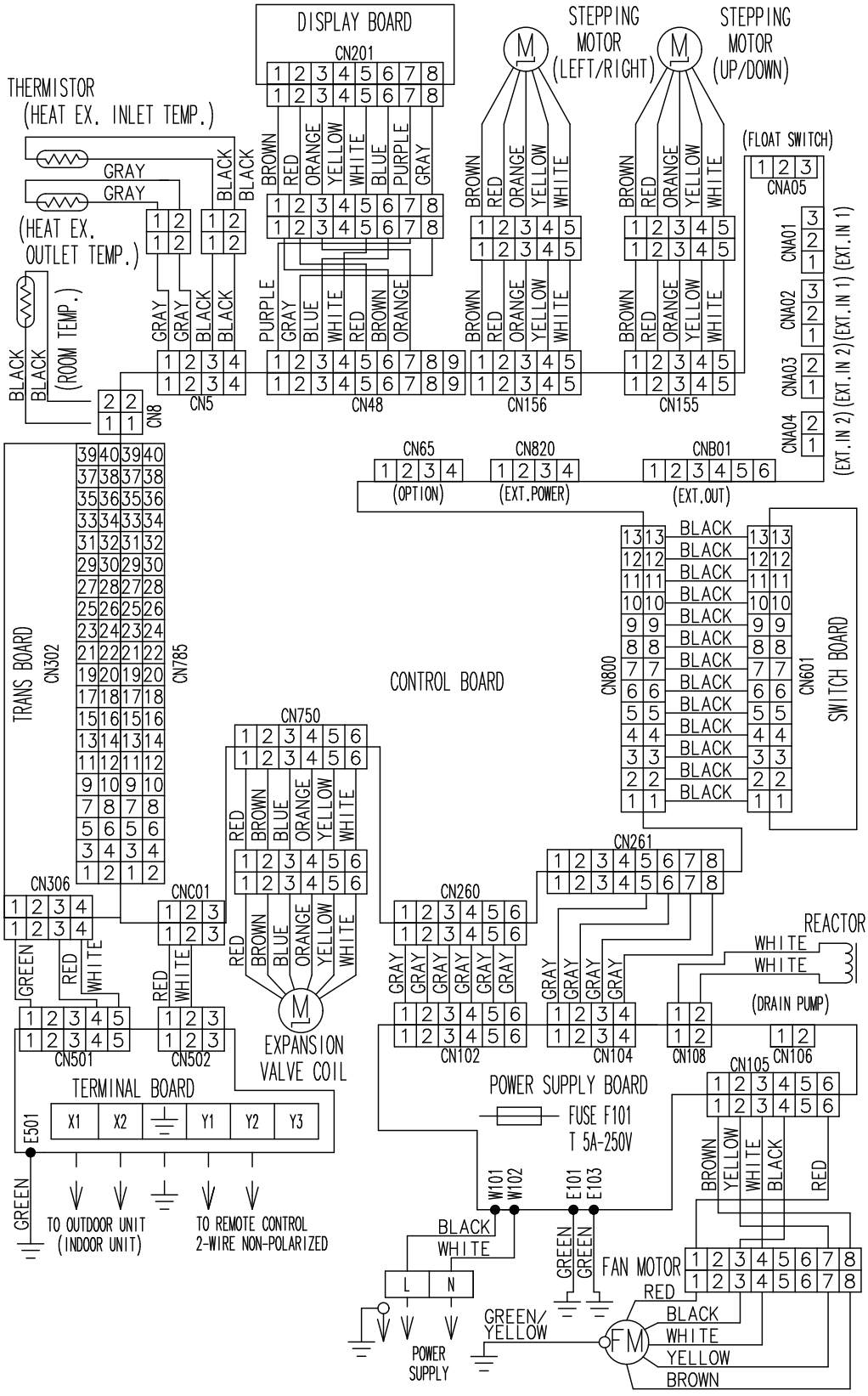





INDOOR UNITS

# 5-14. Ceiling type

## ■ Models: AB∗A030GTEH, AB∗A036GTEH, AB∗A045GTEH, and AB∗A054GTEH

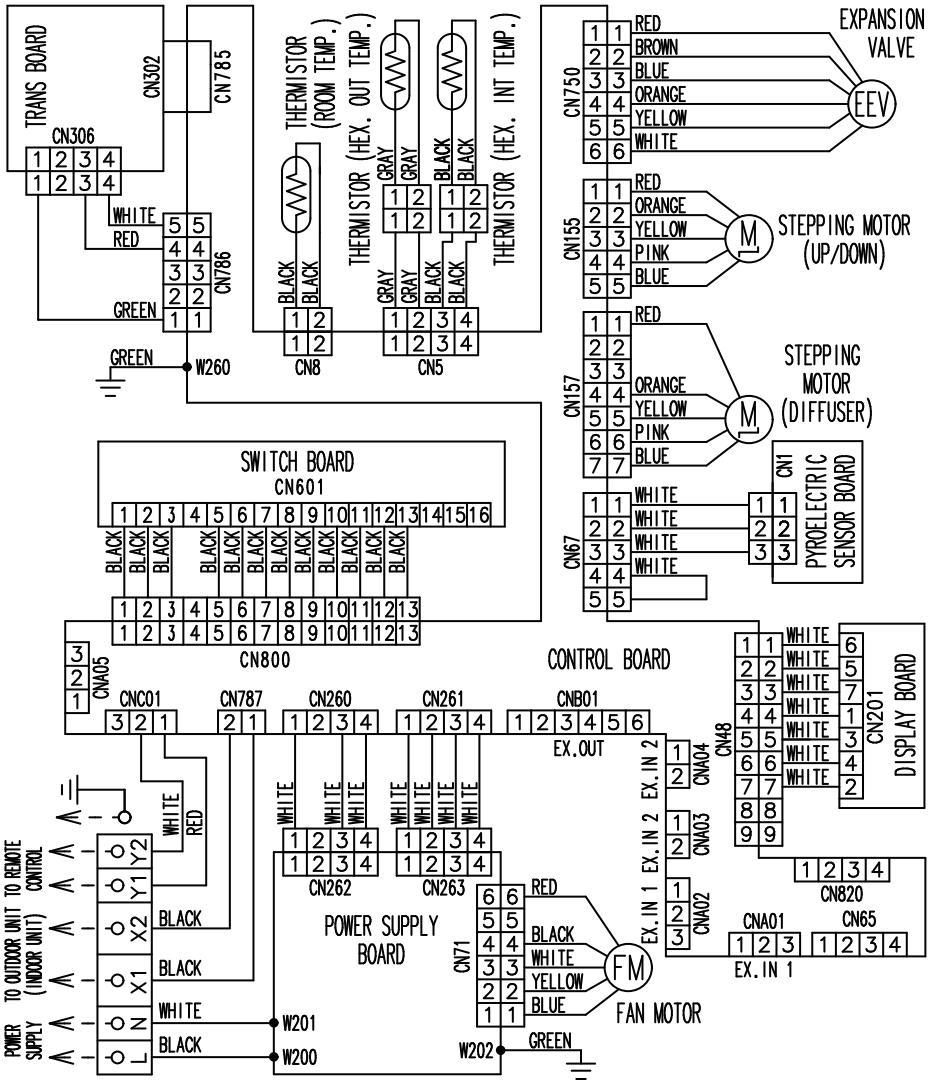





INDOOR UNITS

# 5-15. Wall mounted type

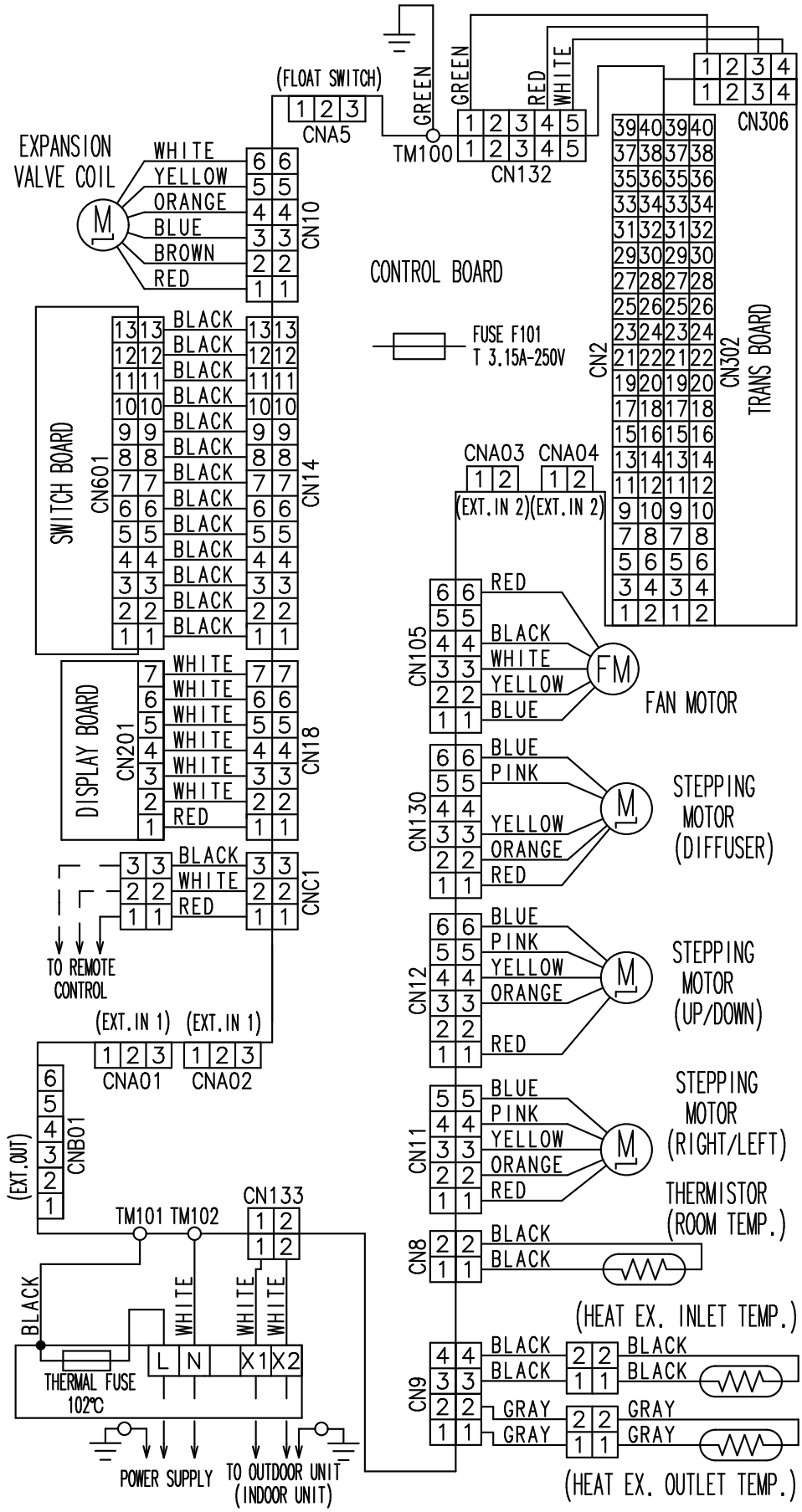
## ■ Models: AS∗A004GCGH, AS∗A007GCGH, AS∗A009GCGH, AS∗A012GCGH, and AS∗A014GCGH






INDOOR UNITS

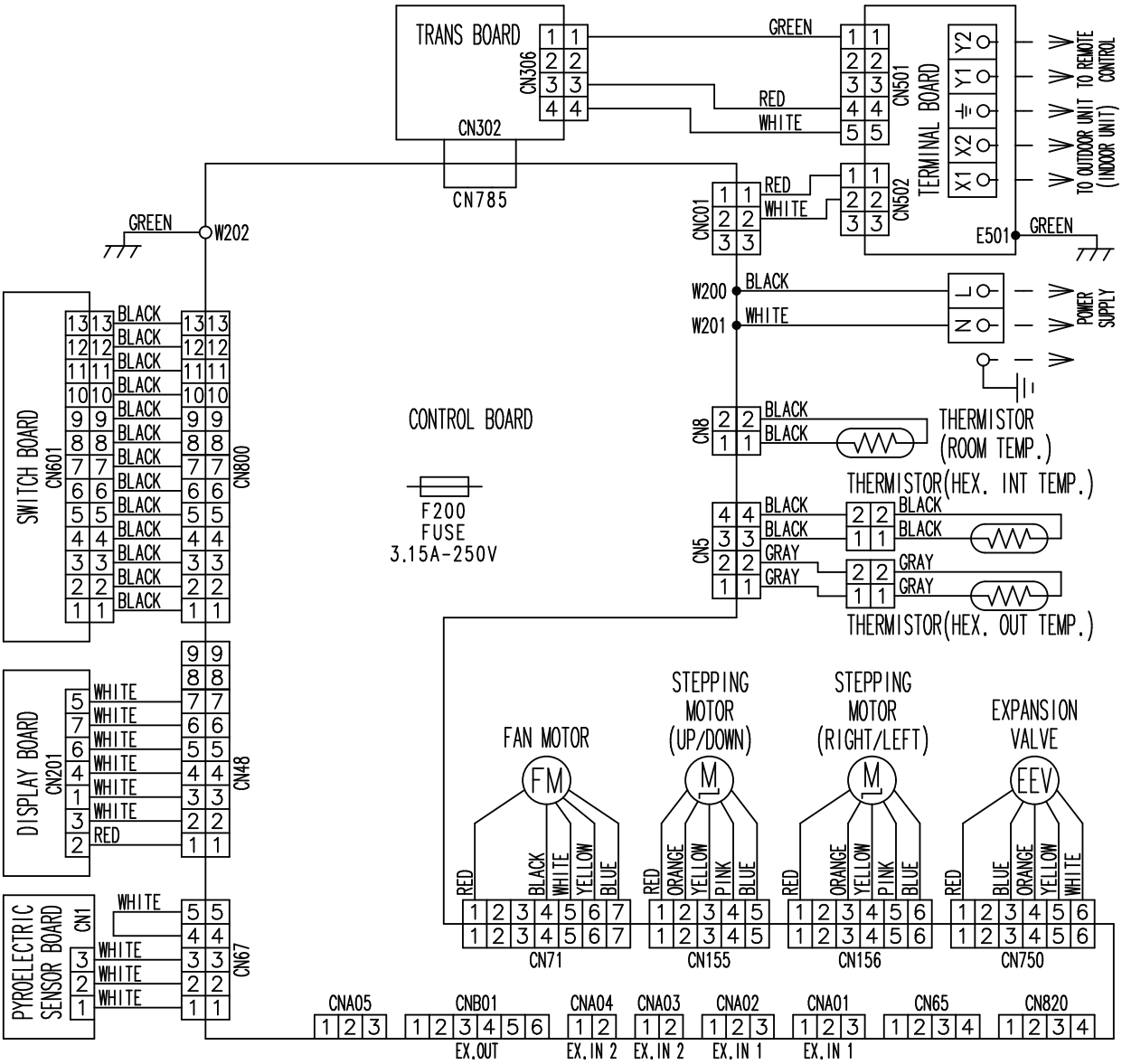
# ■ Models: AS∗A18GBCH and AS∗A24GBCH






INDOOR UNITS

# ■ Models: AS∗A030GTEH and AS∗A034GTEH

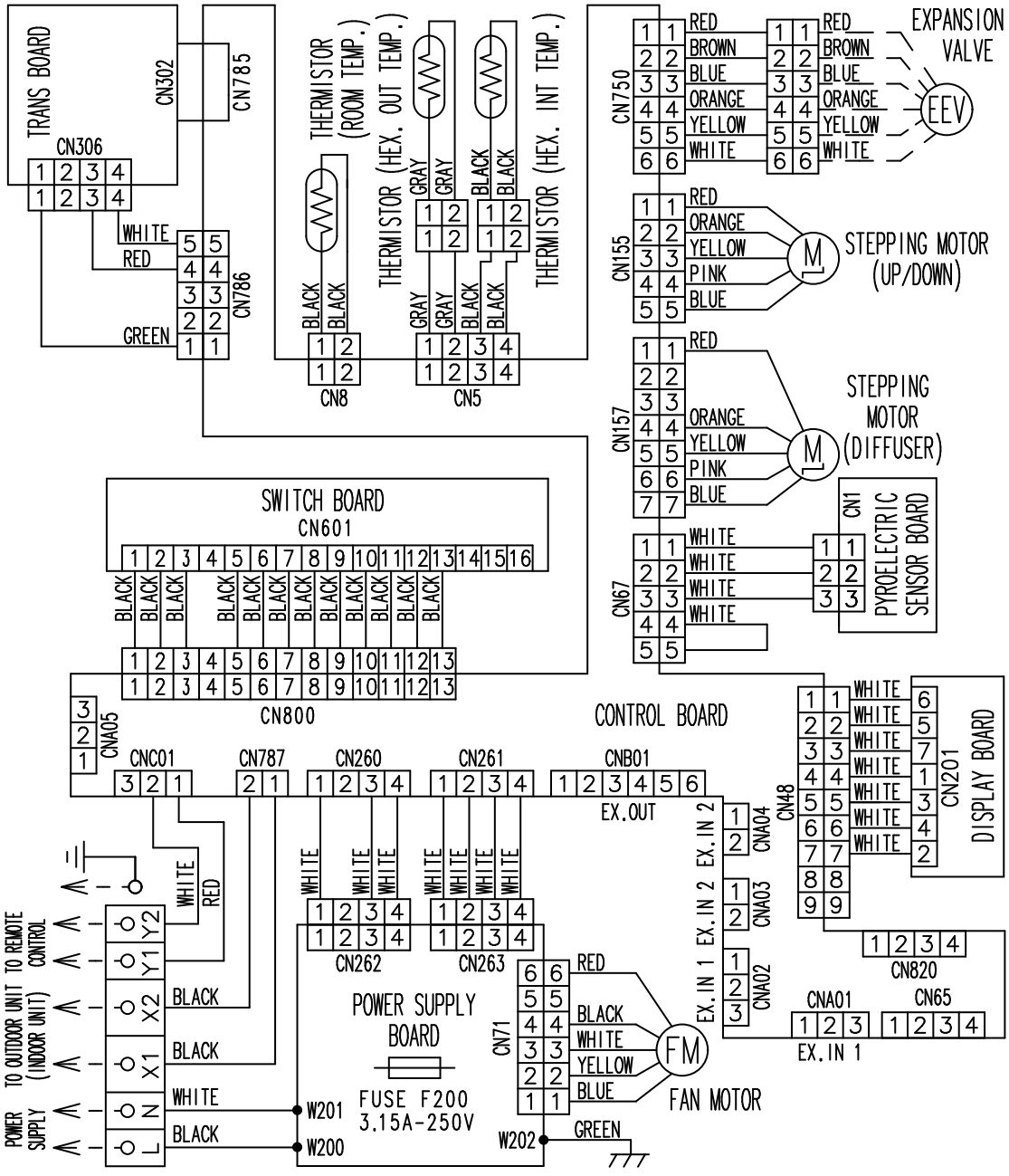





INDOOR UNITS

# 5-16. Wall mounted type (EEV external model)

## ■ Models: AS∗E004GCEH, AS∗E007GCEH, AS∗E009GCEH, AS∗E012GCEH, and AS∗E014GCEH



# 6. Air velocity and temperature distributions

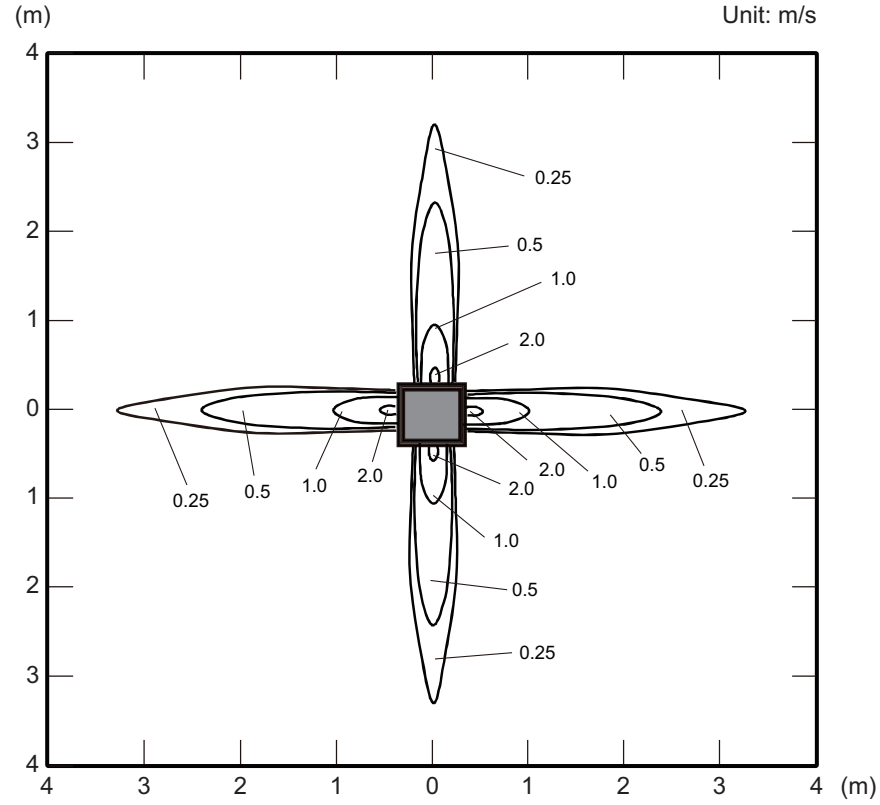
## 6-1. Compact cassette type

### ■ Model: AUXB004GLEH

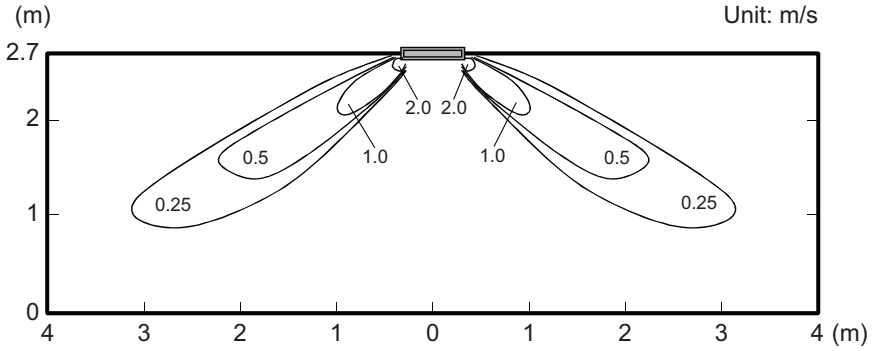
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up



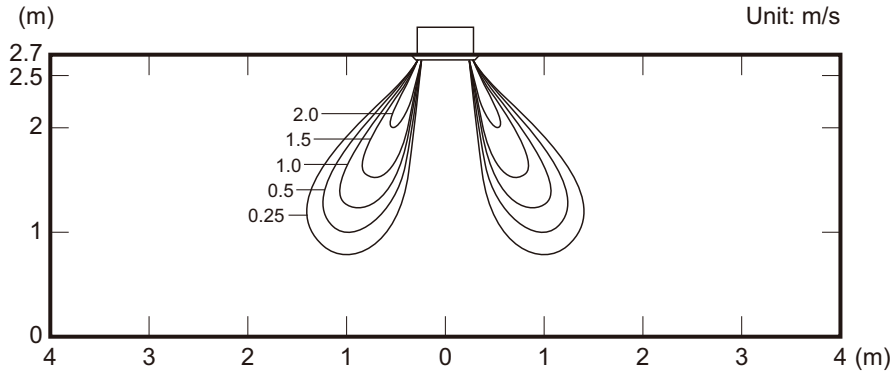


INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

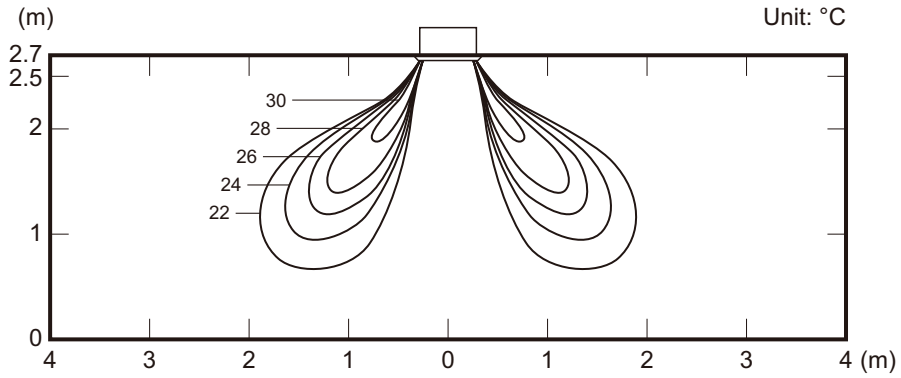
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





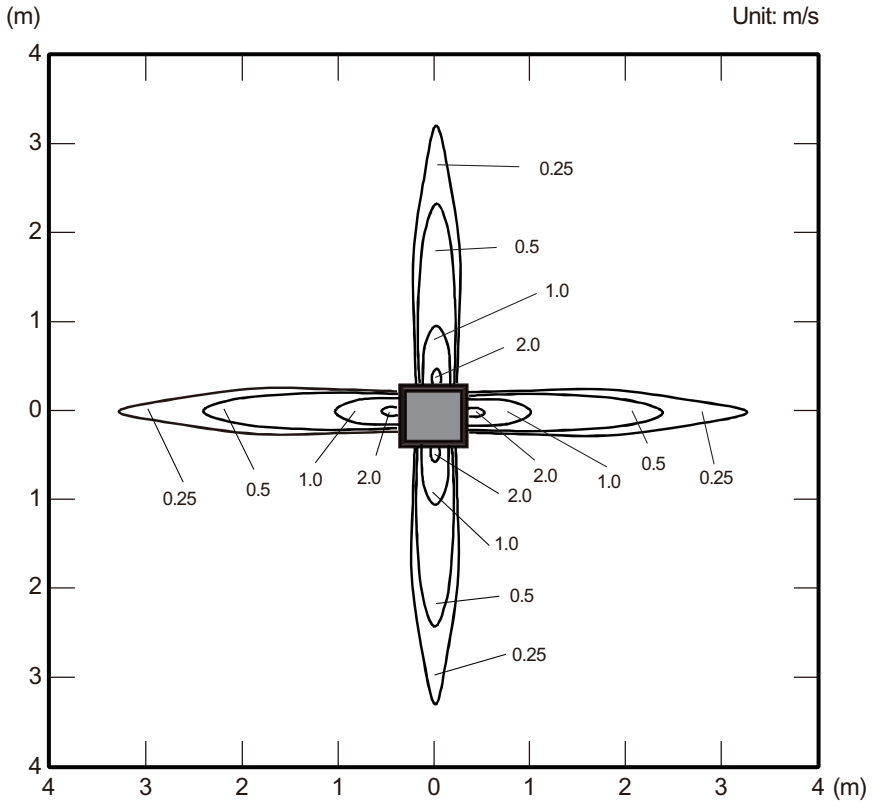
INDOOR UNITS

# ■ Model: AUXB007GLEH

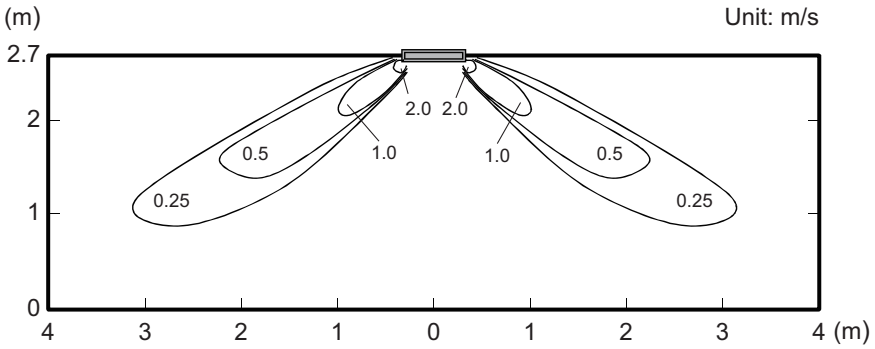
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up



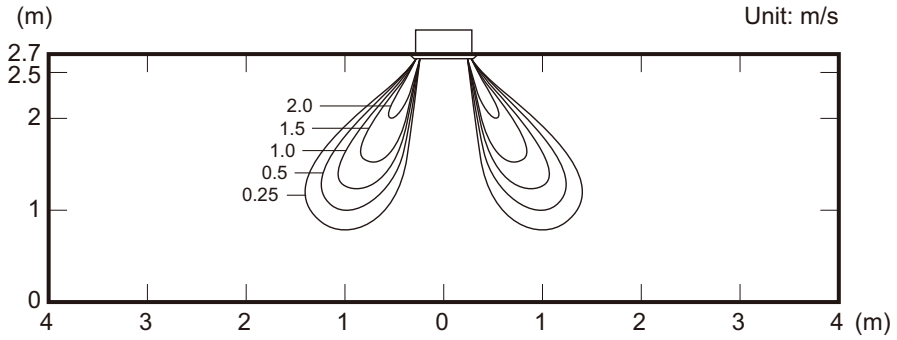


INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

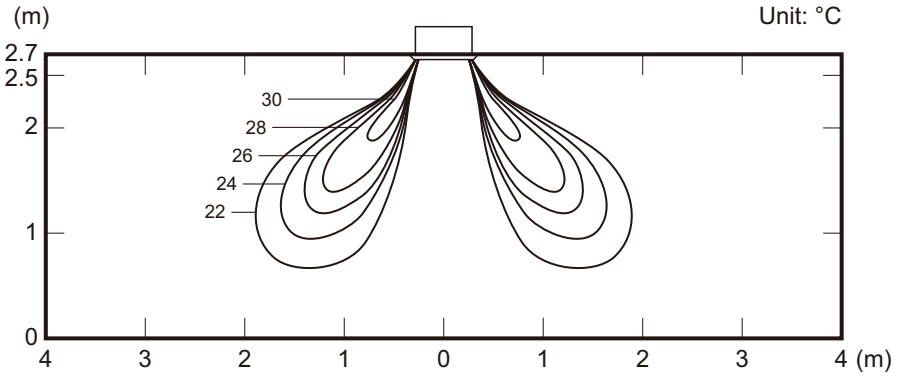
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





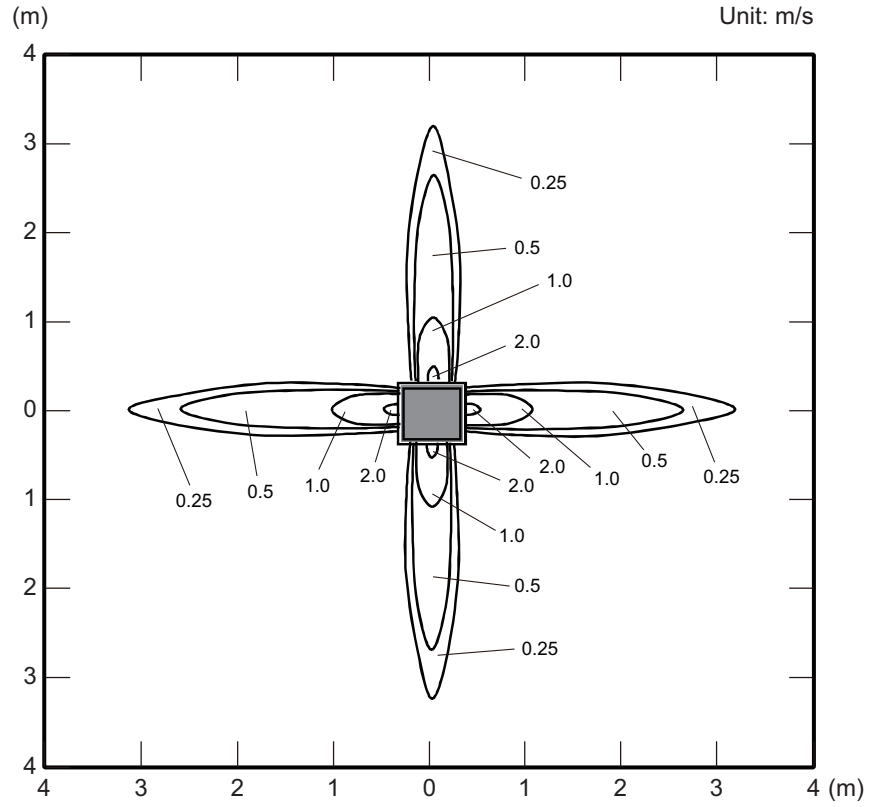
INDOOR UNITS

# ■ Model: AUXB009GLEH

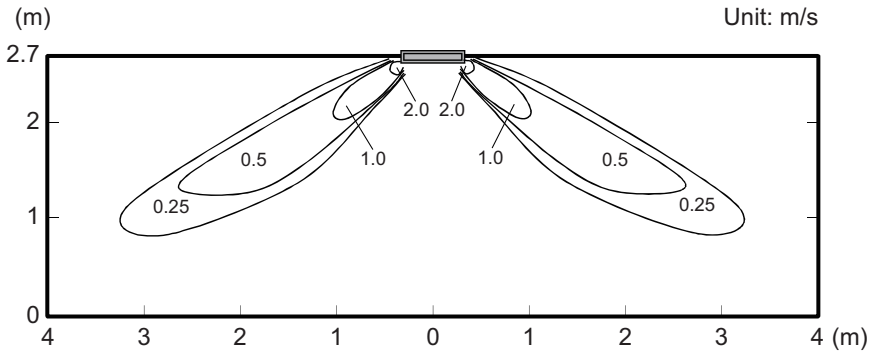
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up



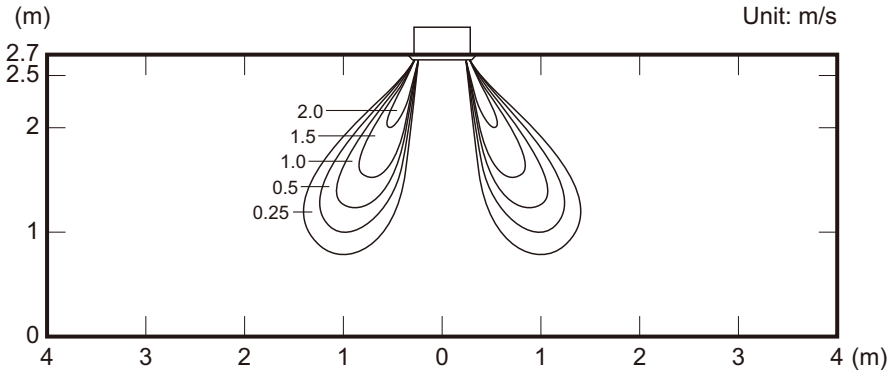



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

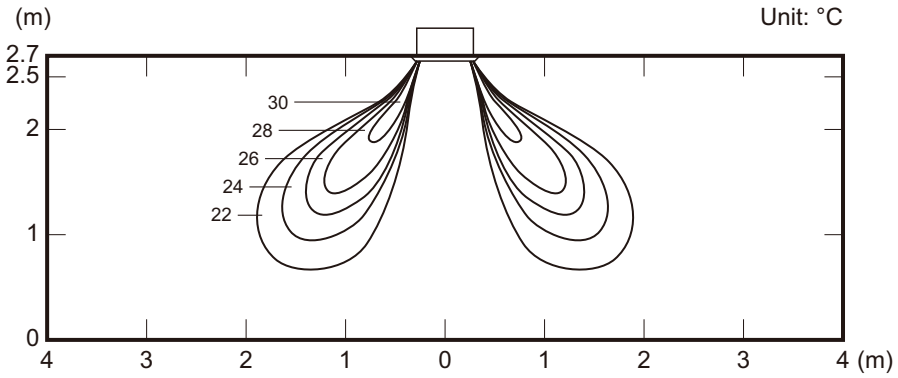
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





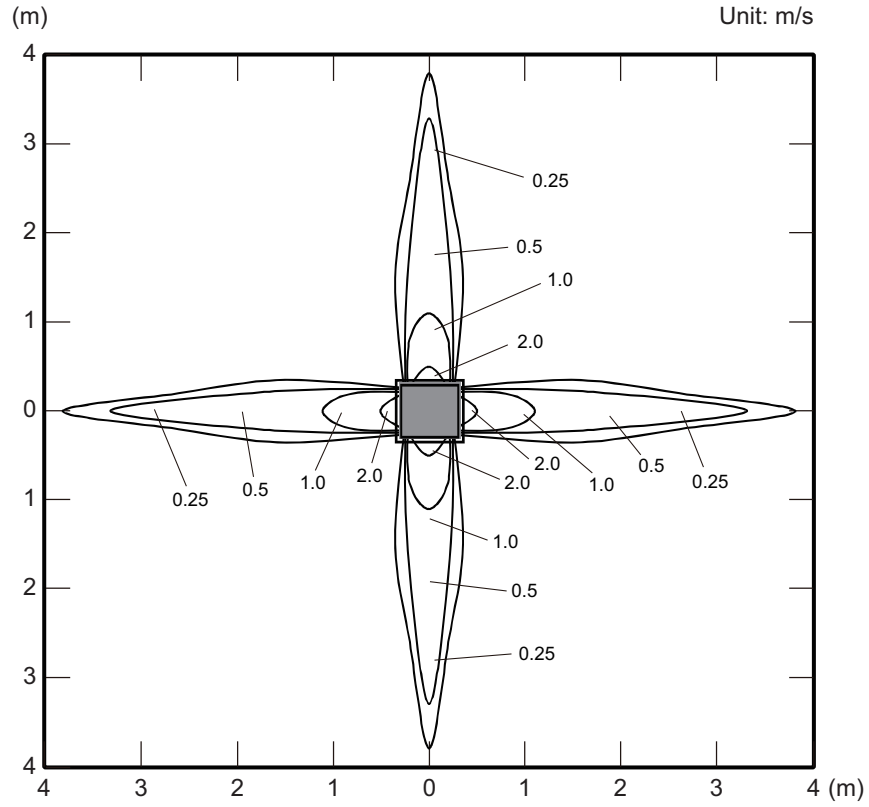
INDOOR UNITS

# ■ Model: AUXB012GLEH

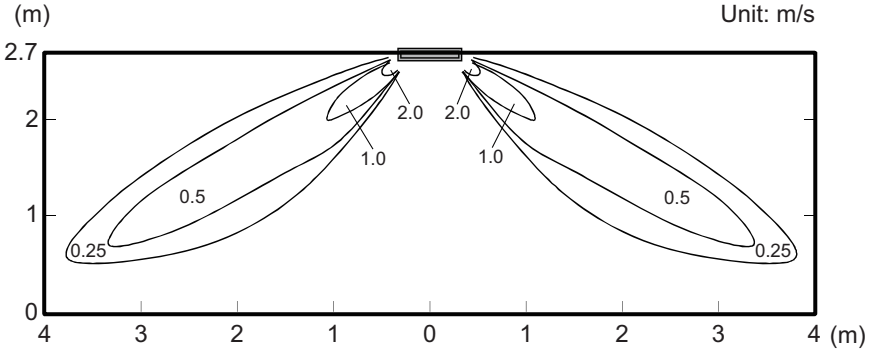
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up



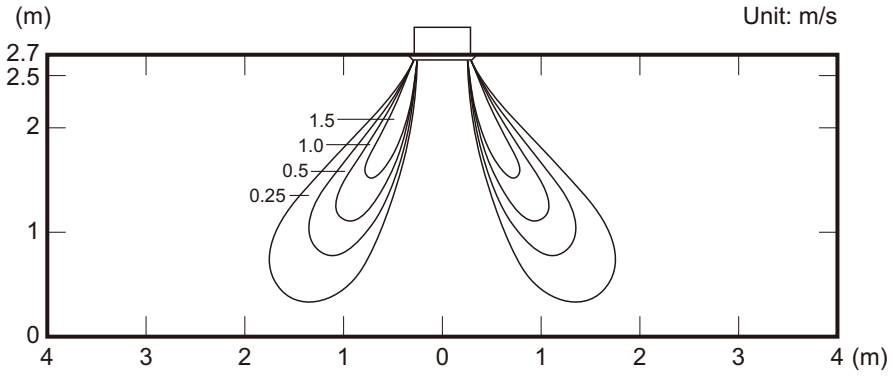



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

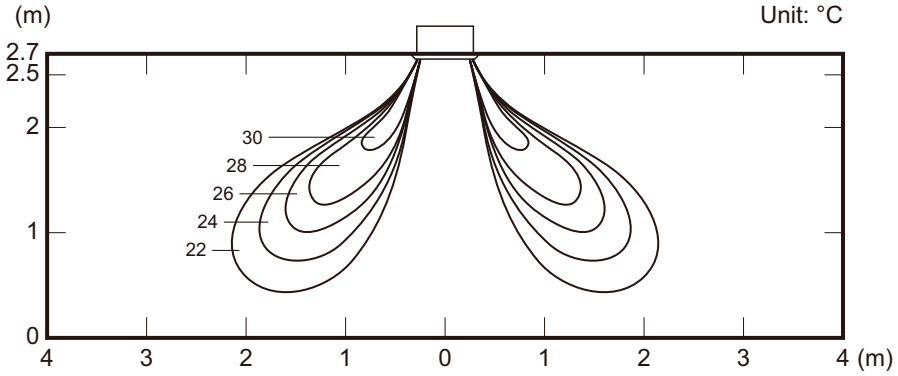
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





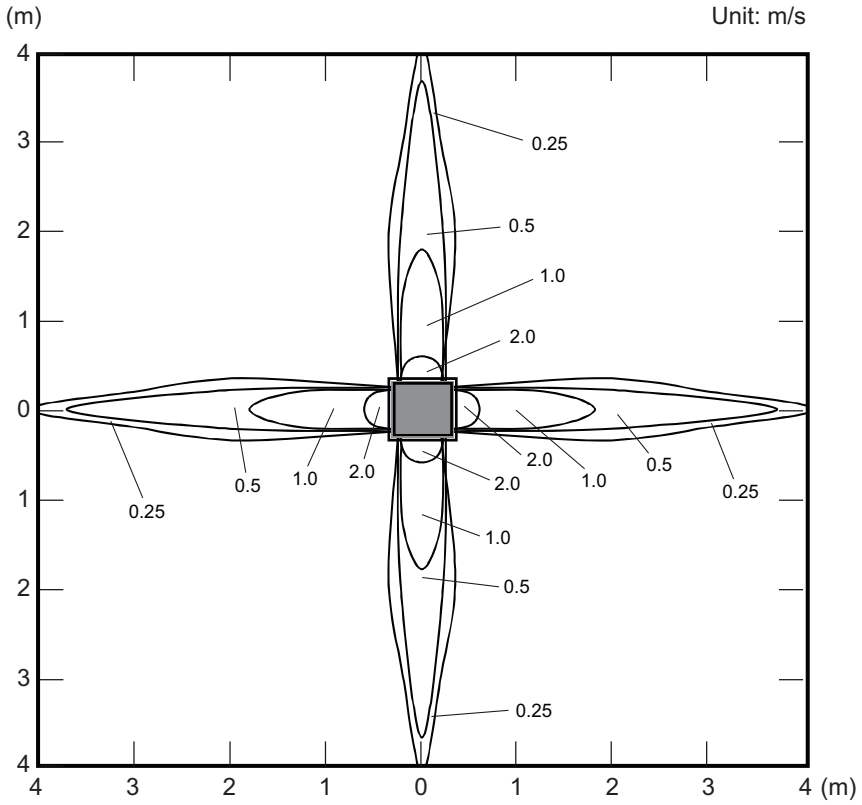
INDOOR UNITS

# ■ Model: AUXB014GLEH

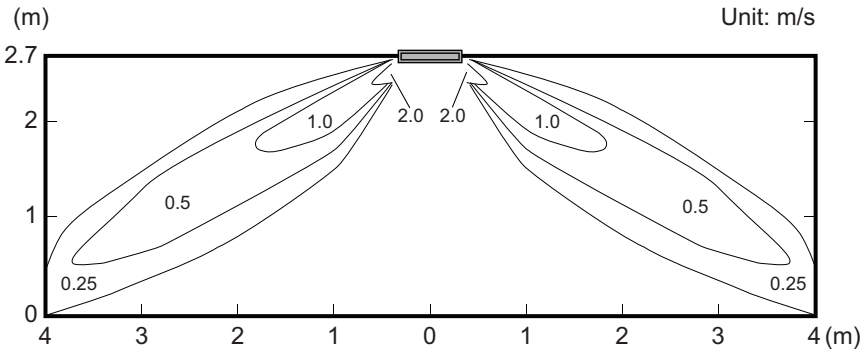
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Up



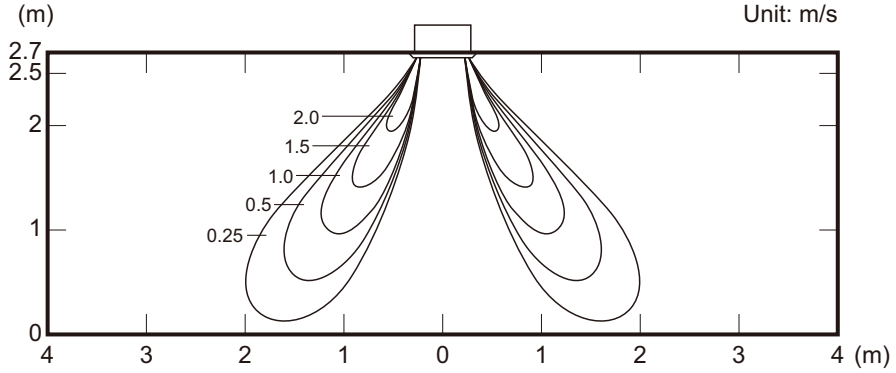

Side view
Horizontal louver: Up



| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

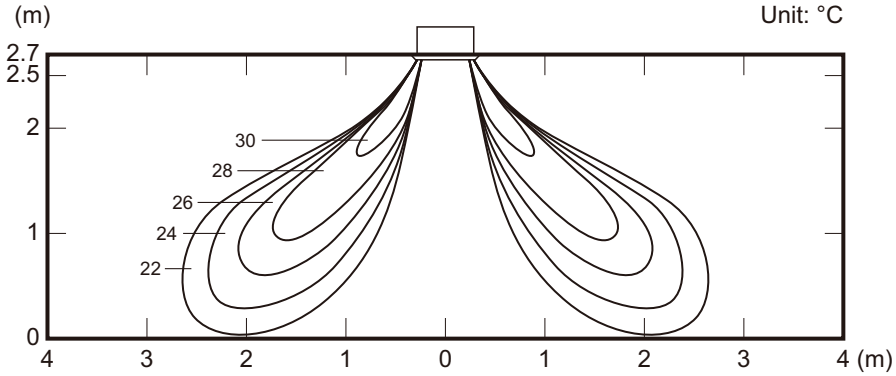
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





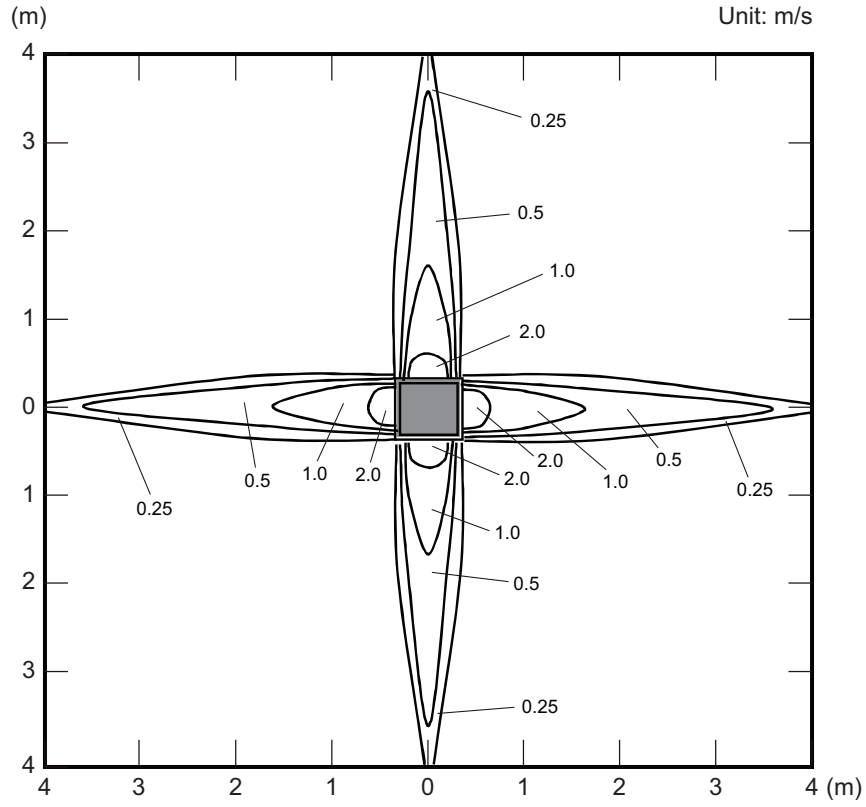
INDOOR UNITS

# ■ Model: AUXB018GLEH

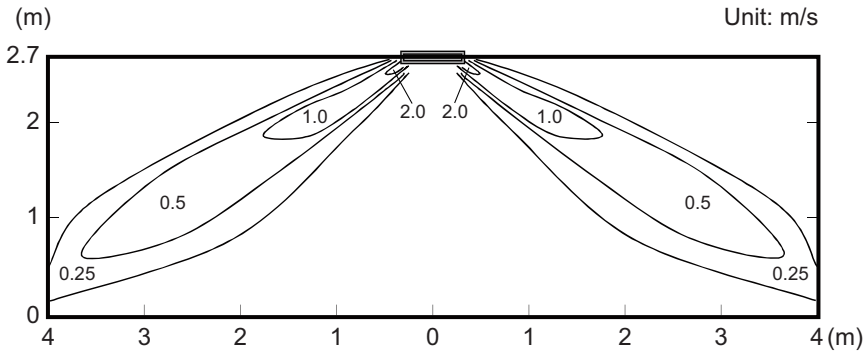
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up



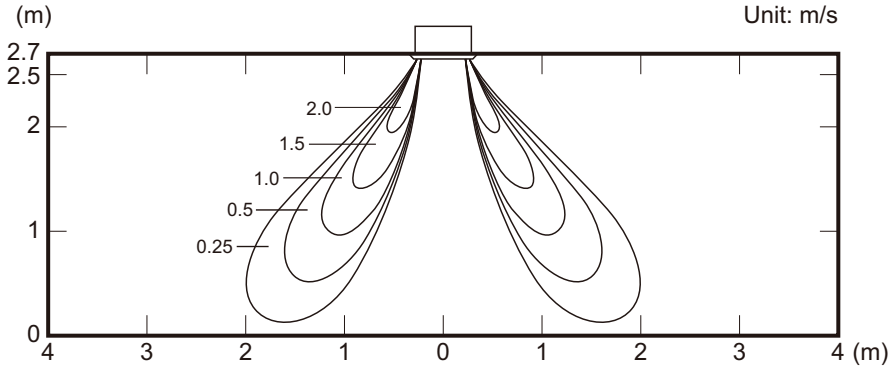



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

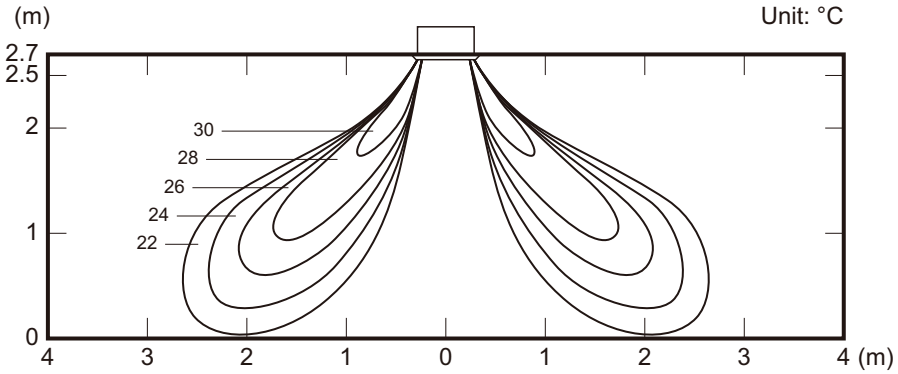
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





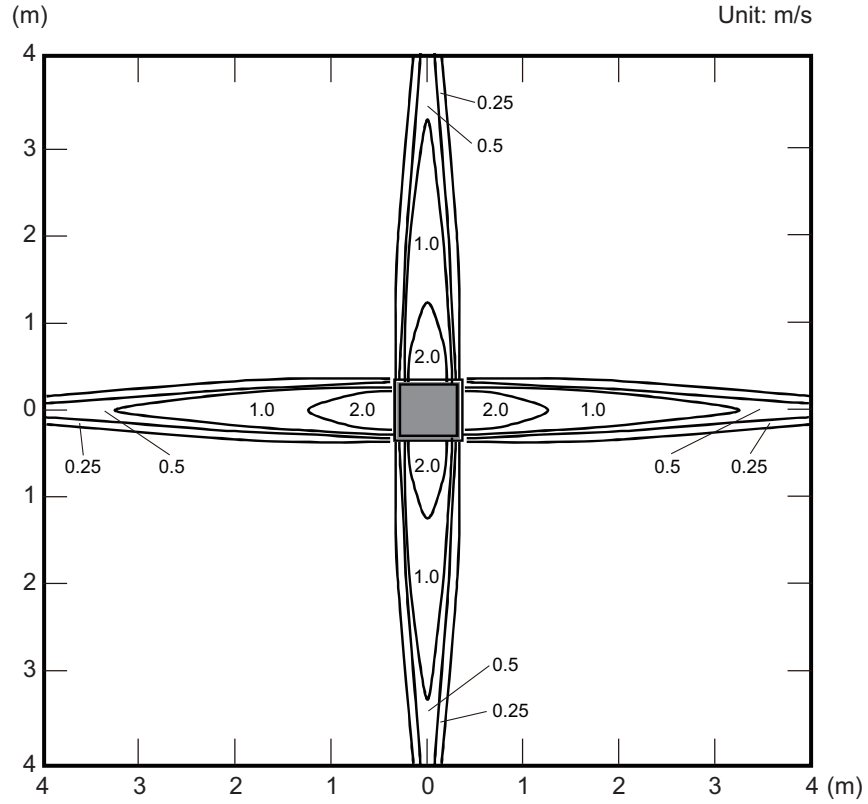
INDOOR UNITS

# ■ Model: AUXB024GLEH

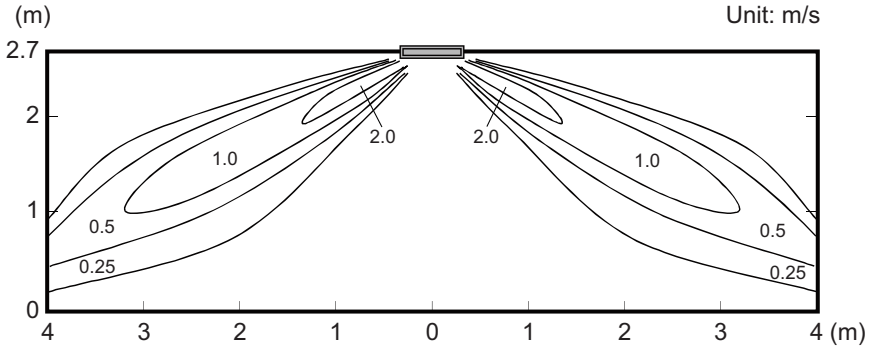
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up



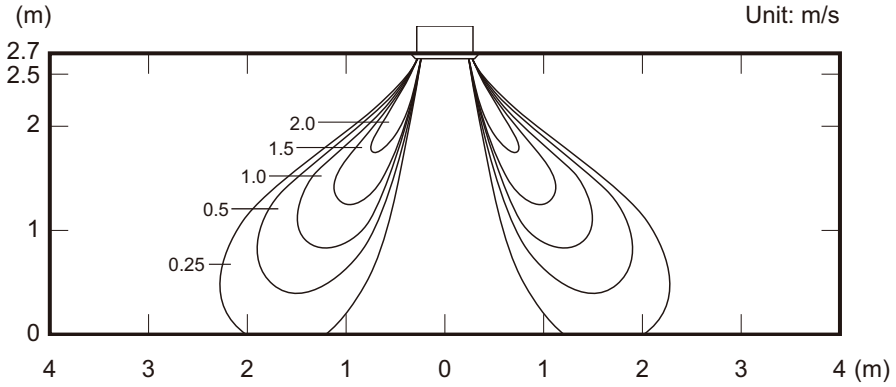



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

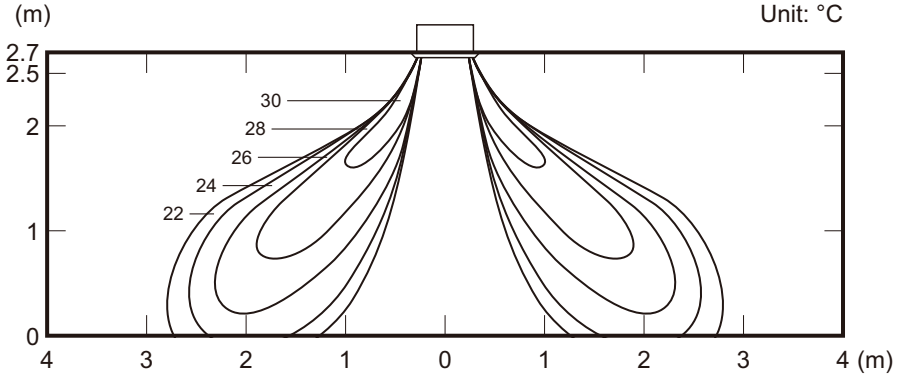
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





INDOOR UNITS

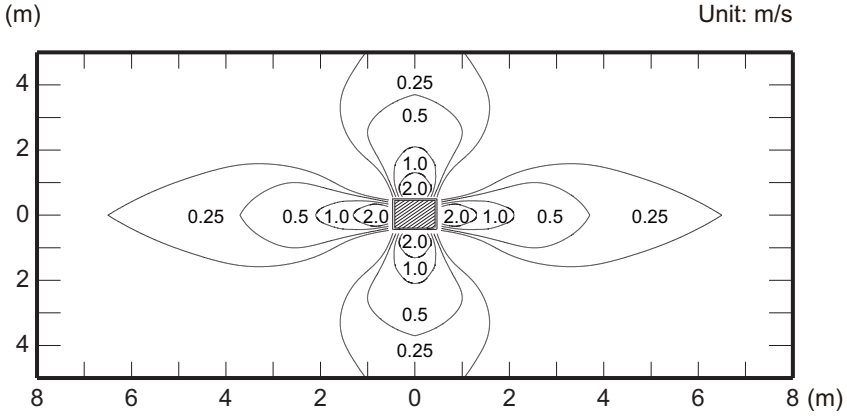
# 6-2. 4-way flow cassette type

## ■ Model: AUXD18GALH

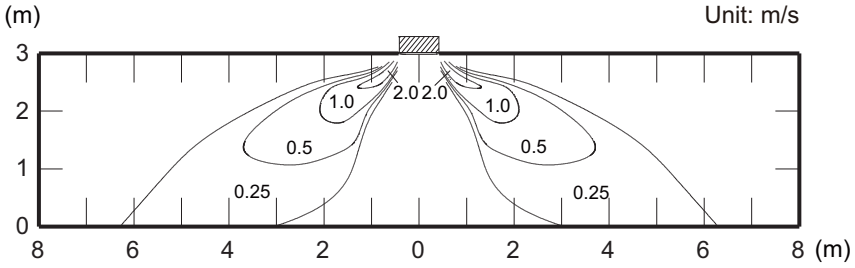
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Up



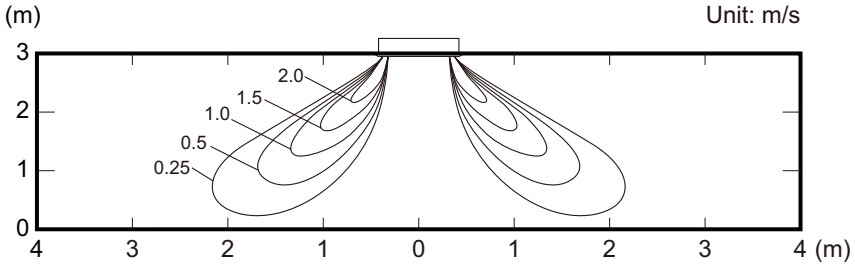

Side view
Horizontal louver: Up




| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

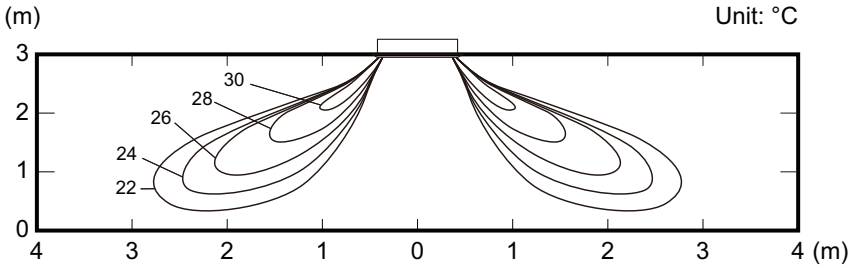
- **Air velocity distribution**

Side view
Horizontal louver: Down




- **Air temperature distribution**

Side view
Horizontal louver: Down





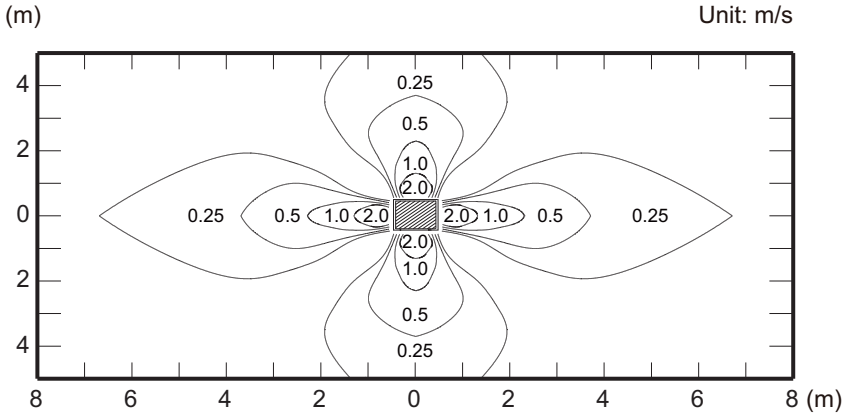
INDOOR UNITS

# ■ Model: AUXD24GALH

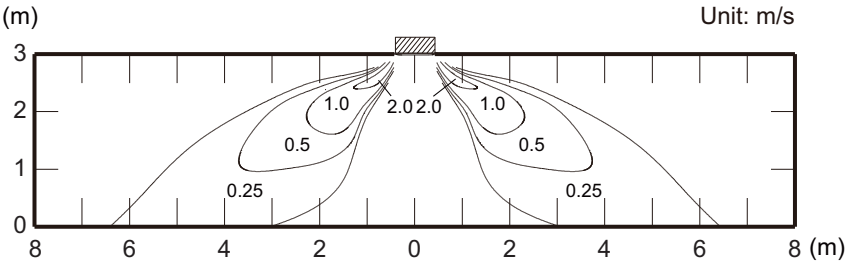
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Up



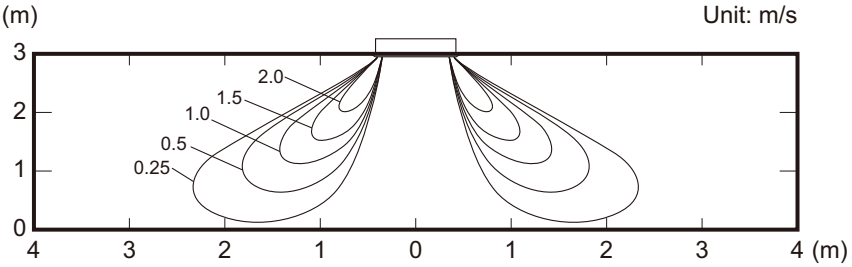

Side view
Horizontal louver: Up




| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

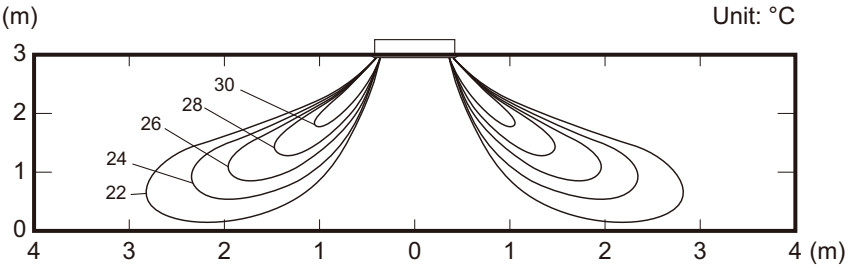
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down




INDOOR UNITS

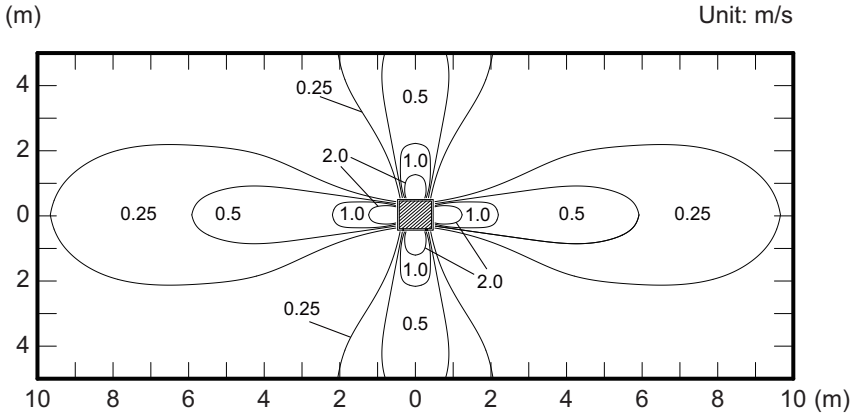
INDOOR UNITS

# ■ Models: AUXA18GALH and AUXA24GALH

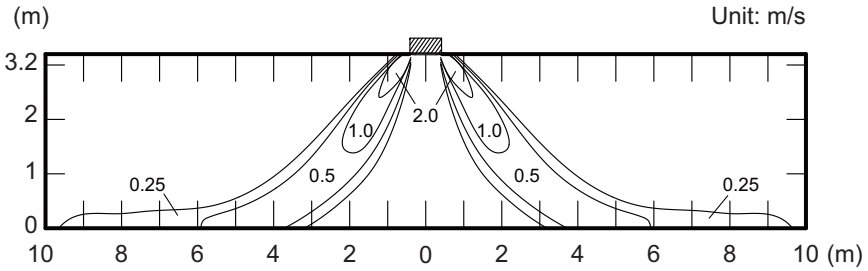
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Up



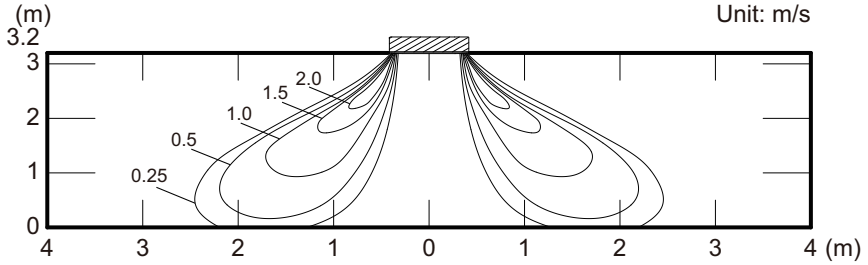

Side view
Horizontal louver: Up




| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

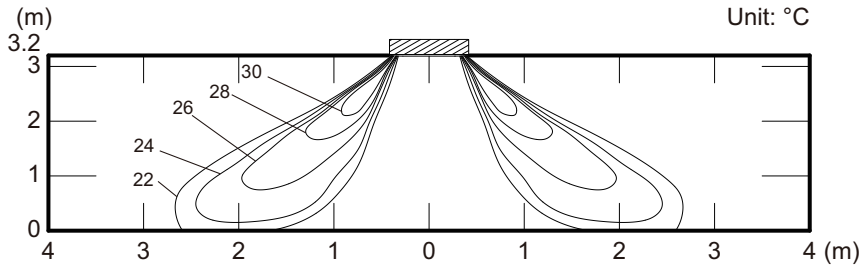
- **Air velocity distribution**

Side view
Horizontal louver: Down




- **Air temperature distribution**

Side view
Horizontal louver: Down





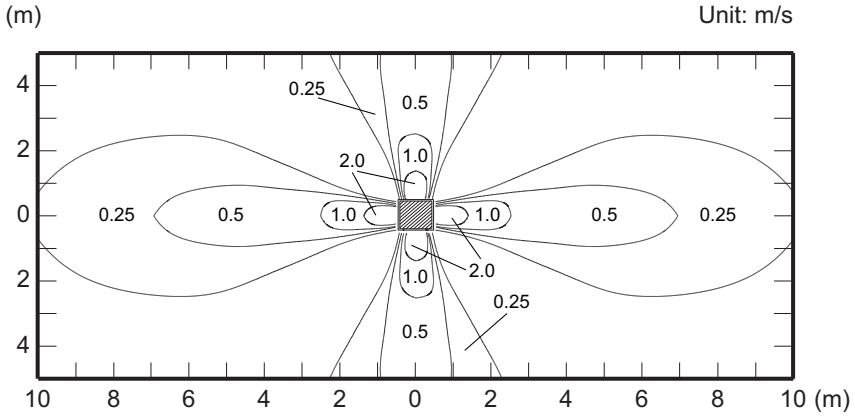
INDOOR UNITS

# ■ Model: AUXA30GALH

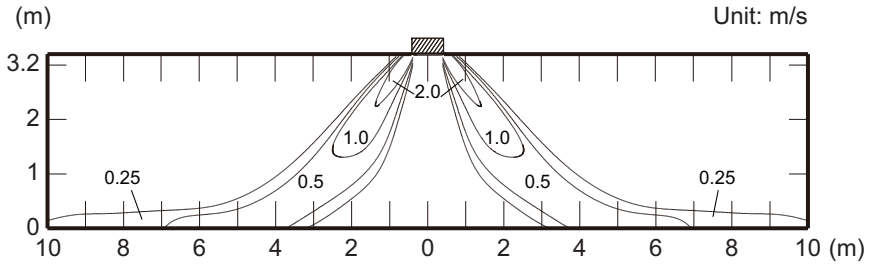
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Up



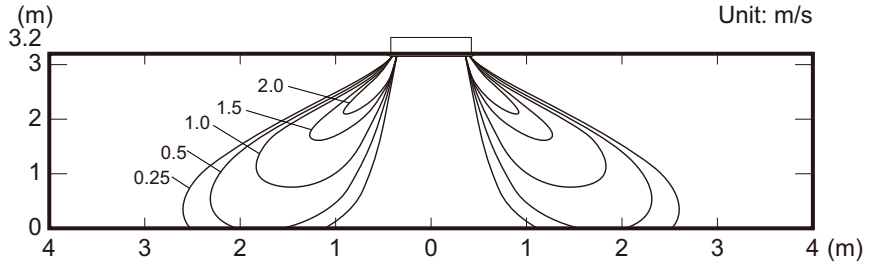

Side view
Horizontal louver: Up




| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

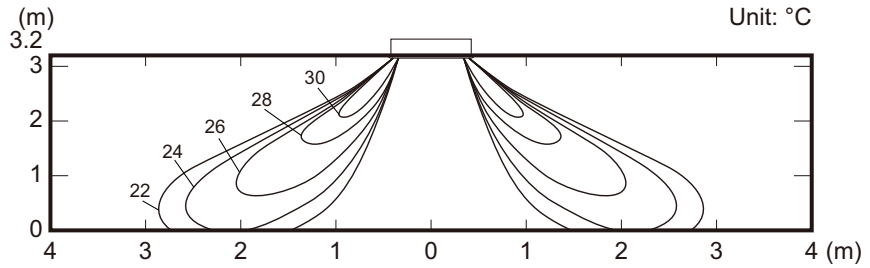
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





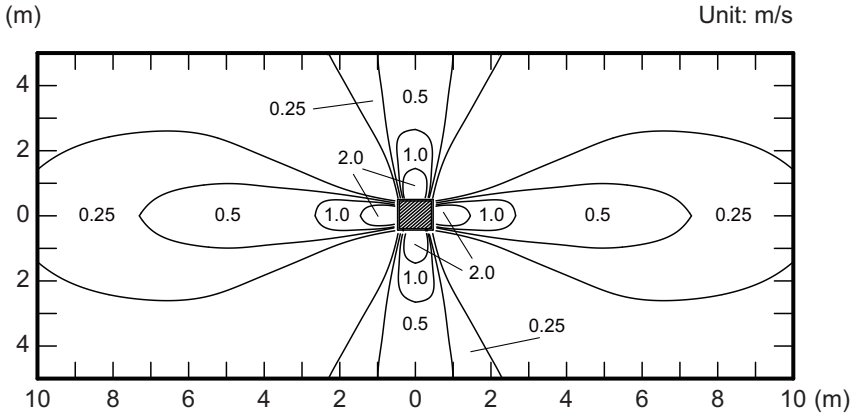
INDOOR UNITS

# ■ Model: AUXA34GALH

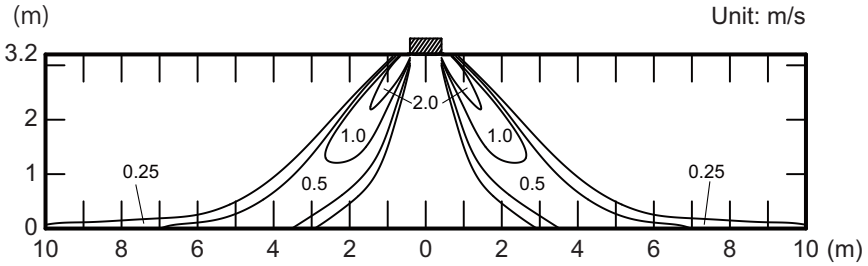
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Up



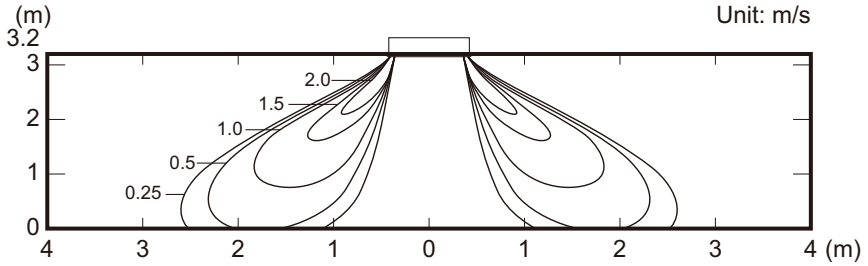

Side view
Horizontal louver: Up




| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

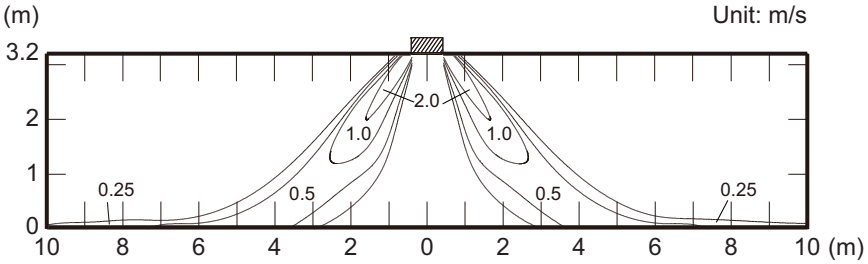
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





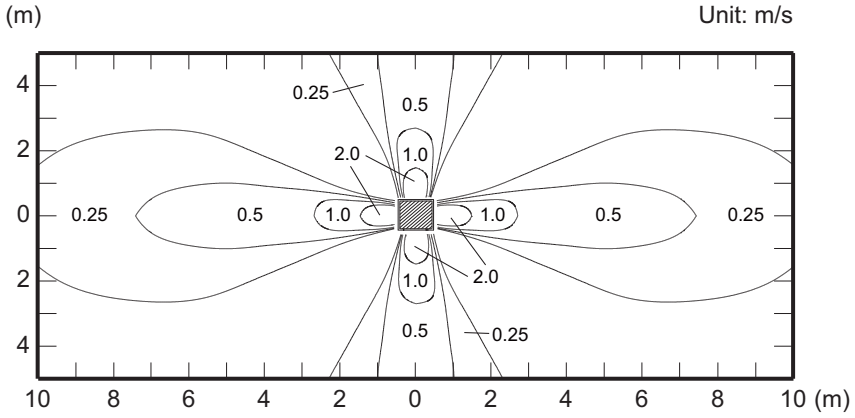
INDOOR UNITS

# ■ Model: AUXA36GALH

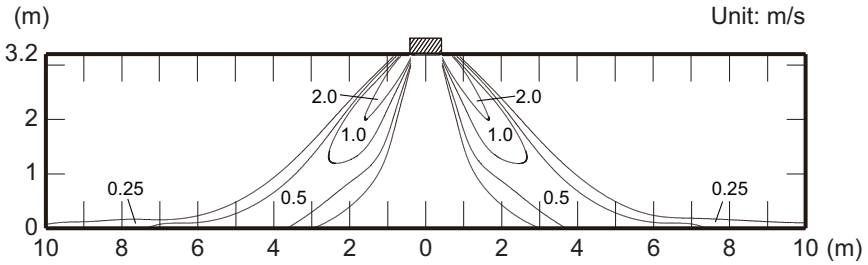
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Up



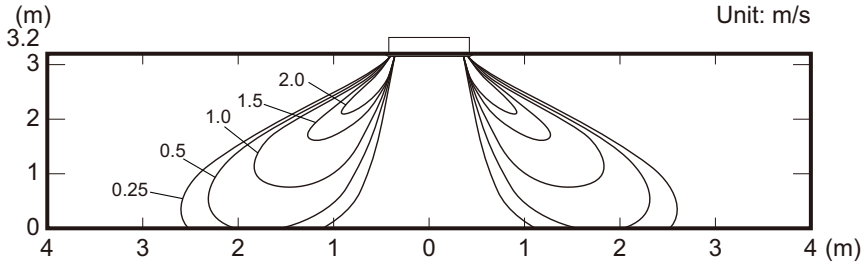

Side view
Horizontal louver: Up




| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

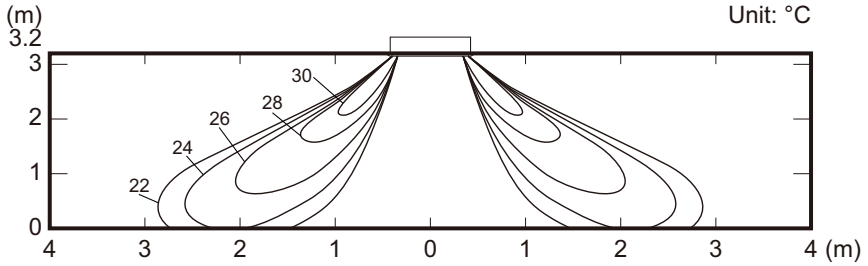
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





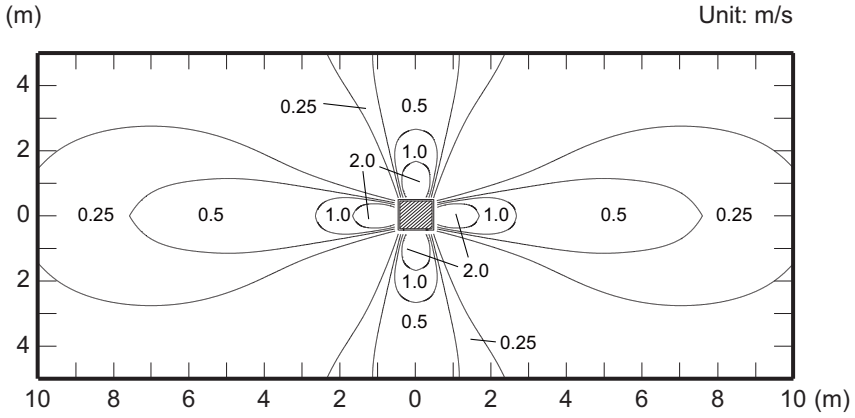
INDOOR UNITS

# ■ Model: AUXA45GALH

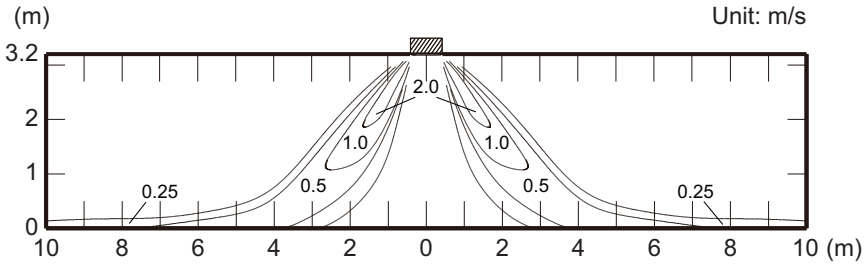
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Up



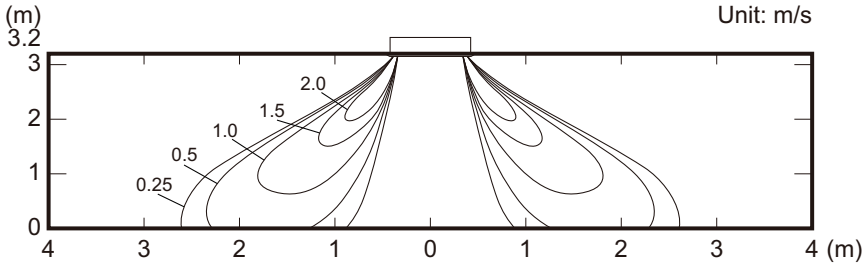

Side view
Horizontal louver: Up




| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

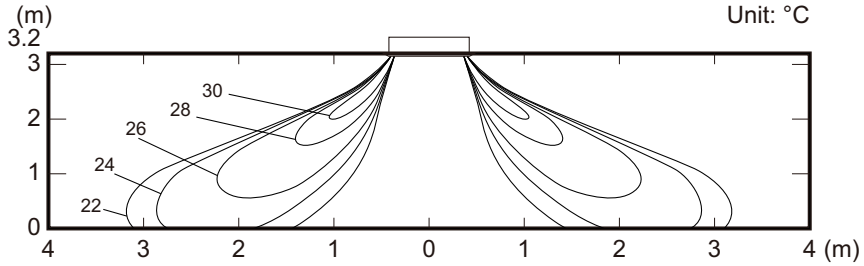
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down





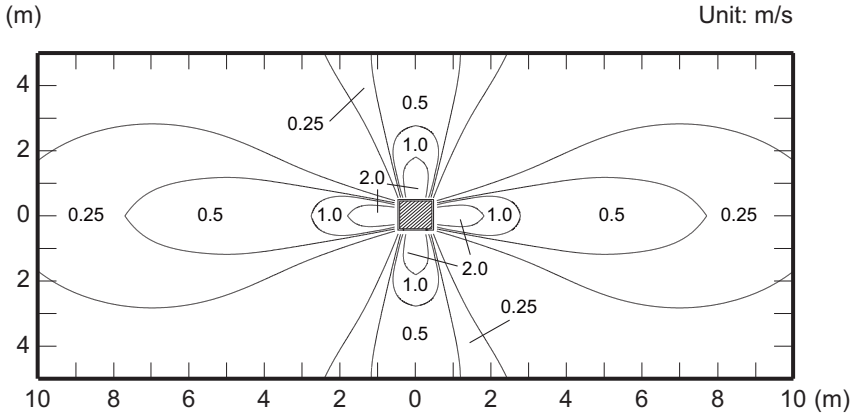
INDOOR UNITS

# ■ Model: AUXA54GALH

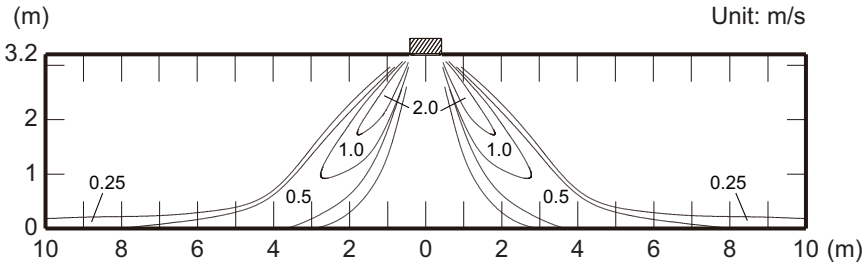
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Up



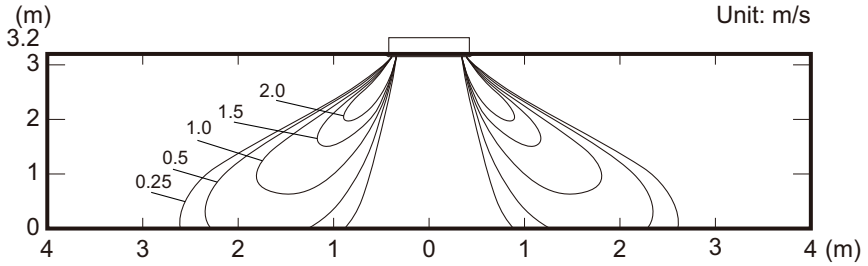

Side view
Horizontal louver: Up




| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

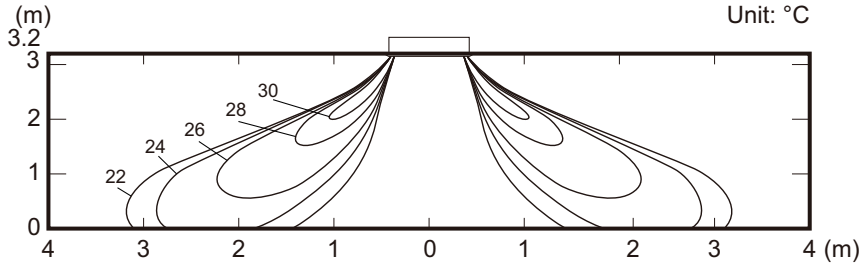
## • Air velocity distribution

Side view
Horizontal louver: Down




## • Air temperature distribution

Side view
Horizontal louver: Down



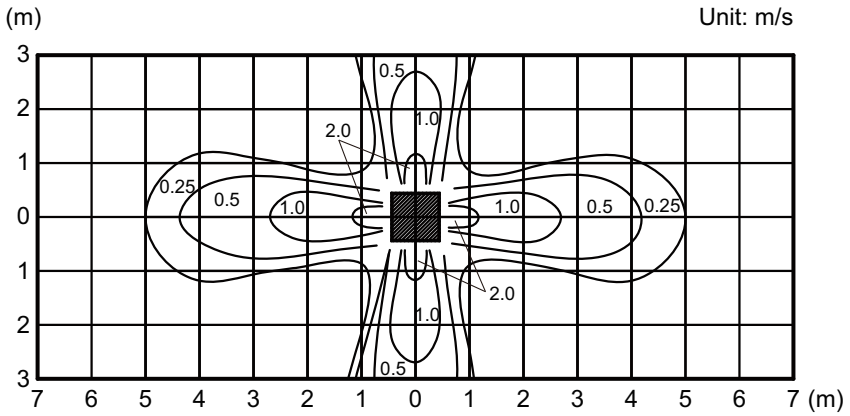
# 6-3. Circular flow cassette type

## ■ Model: AUXM018GLEH

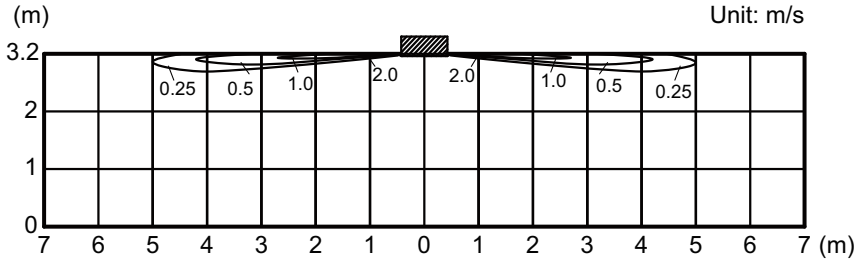
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Position 1



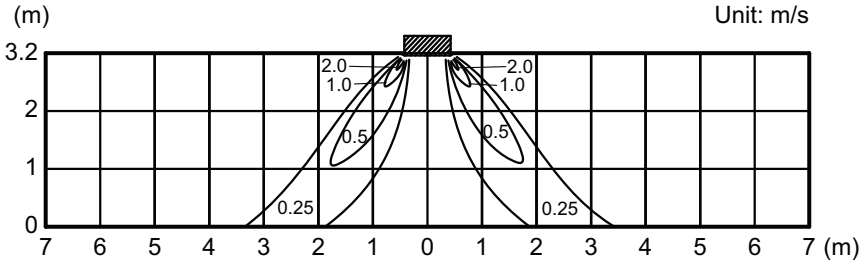

Side view
Horizontal louver: Position 1



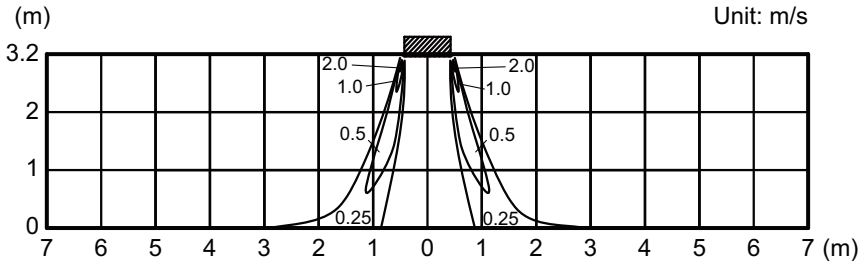

| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

- **Air velocity distribution**

Side view
Horizontal louver: Position 2




Side view
Horizontal louver: Position 4





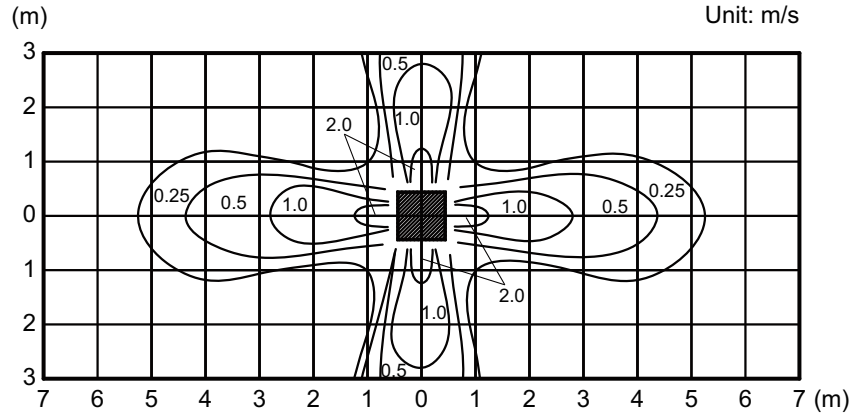
INDOOR UNITS

# ■ Model: AUXM024GLEH

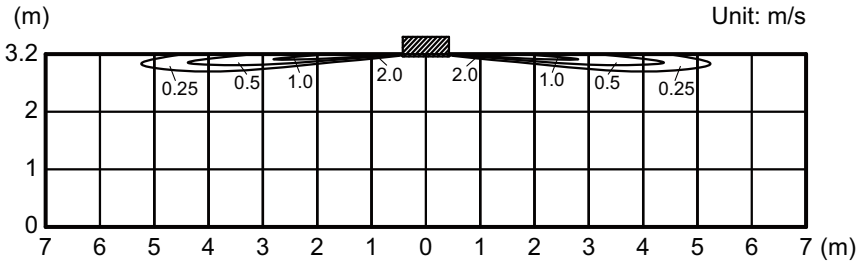
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Position 1



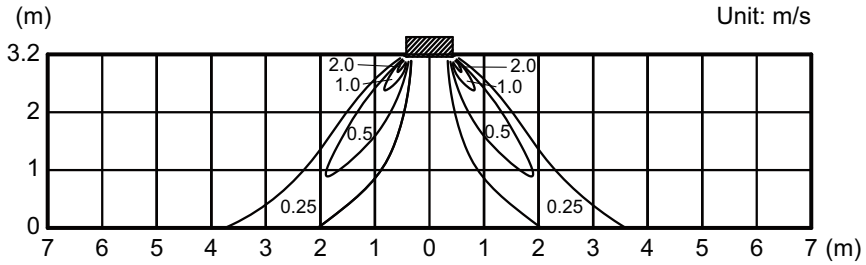

Side view
Horizontal louver: Position 1



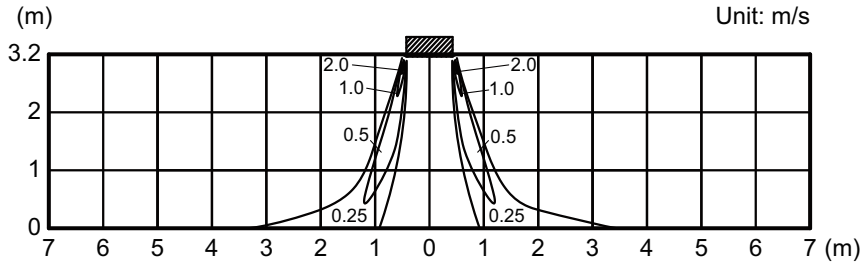

| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

## • Air velocity distribution

Side view
Horizontal louver: Position 2




Side view
Horizontal louver: Position 4





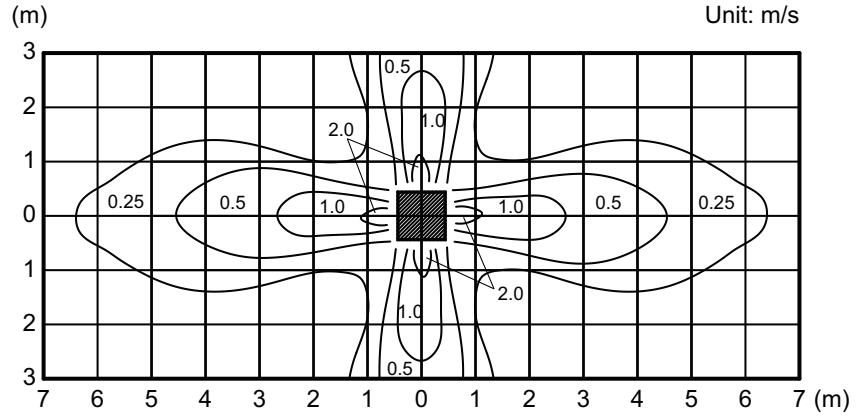
INDOOR UNITS

# ■ Model: AUXM030GLEH

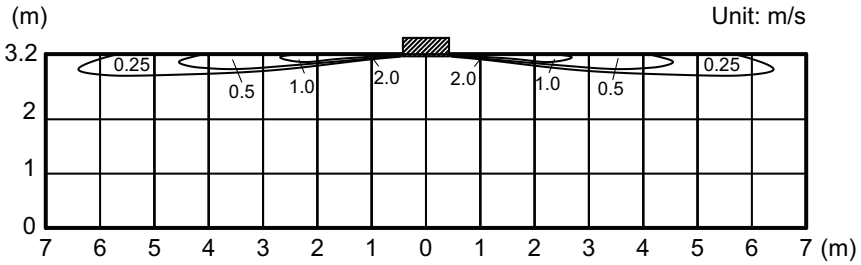
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Position 1



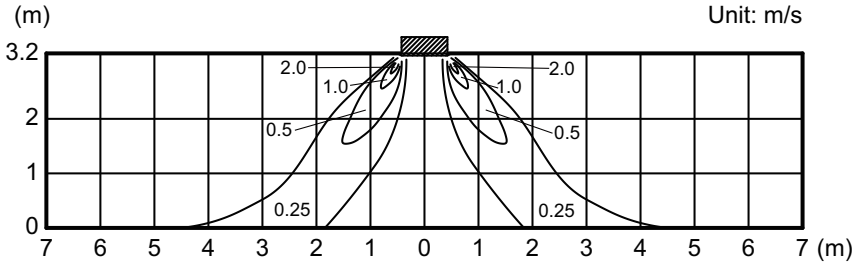

Side view
Horizontal louver: Position 1



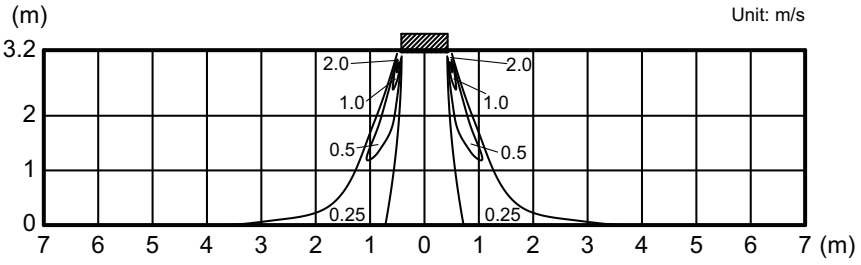

| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

## • Air velocity distribution

Side view
Horizontal louver: Position 2




Side view
Horizontal louver: Position 4





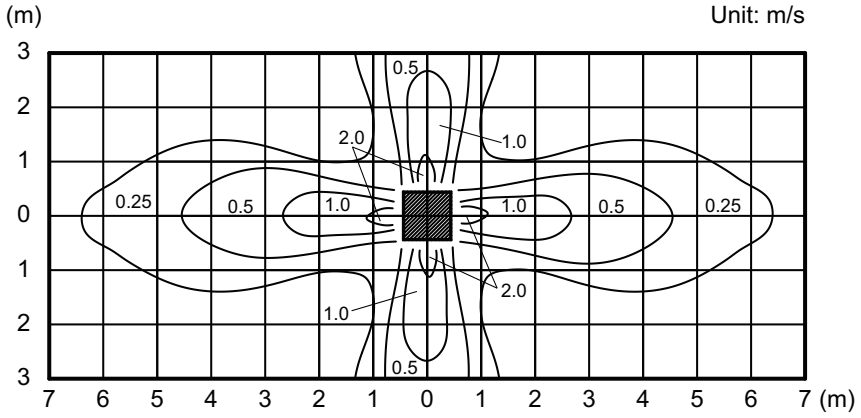
INDOOR UNITS

# ■ Models: AUXK018GLEH and AUXK024GLEH

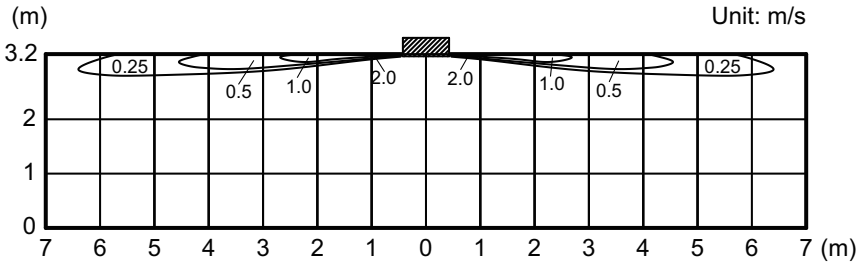
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Position 1



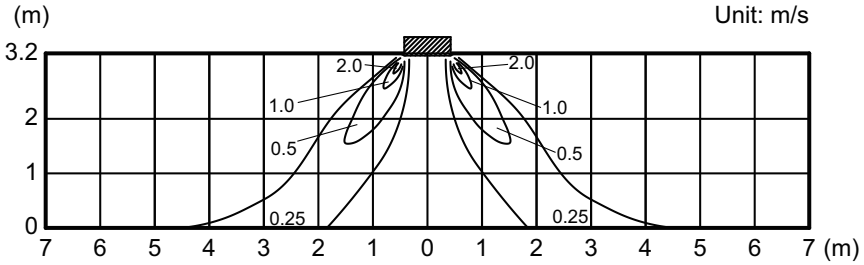

Side view
Horizontal louver: Position 1



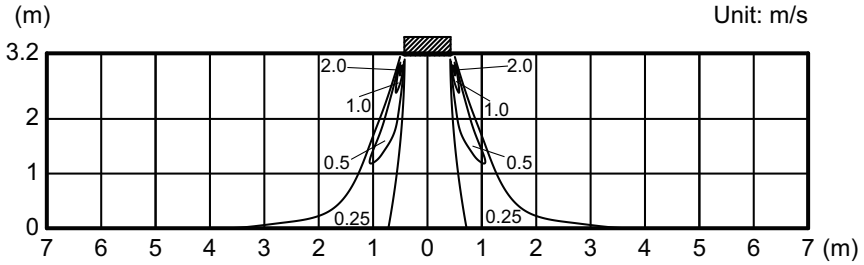

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

## • Air velocity distribution

Side view
Horizontal louver: Position 2




Side view
Horizontal louver: Position 4





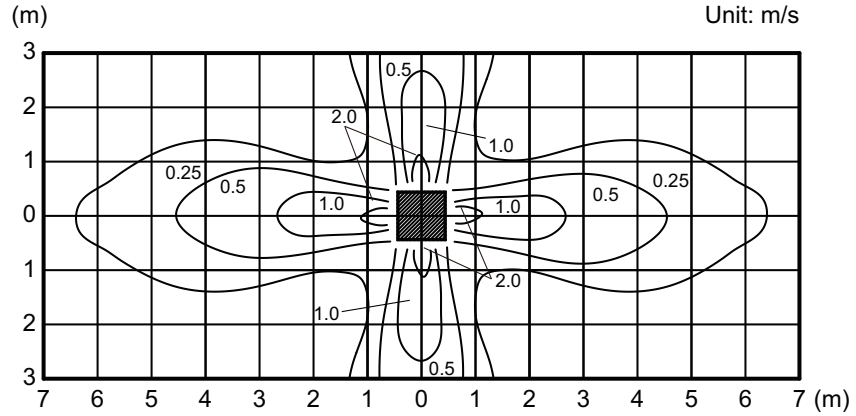
INDOOR UNITS

# ■ Models: AUXK030GLEH and AUXK034GLEH

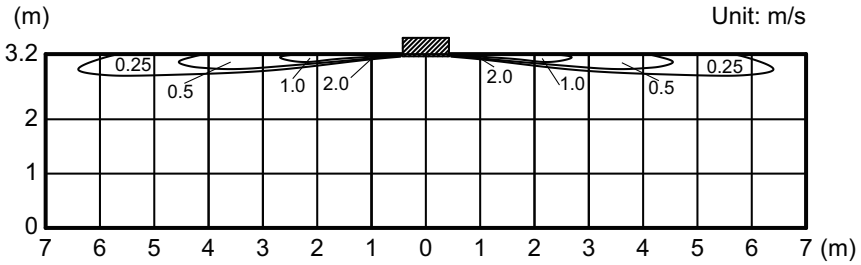
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Position 1



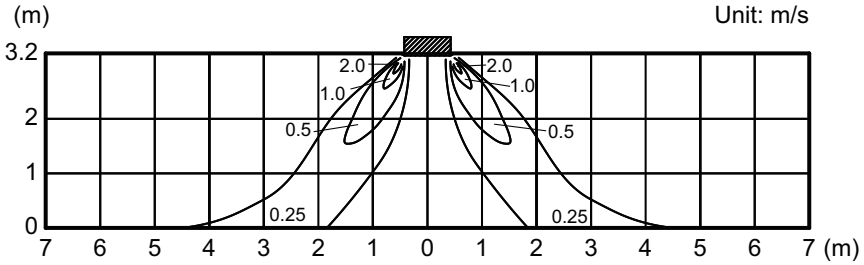

Side view
Horizontal louver: Position 1



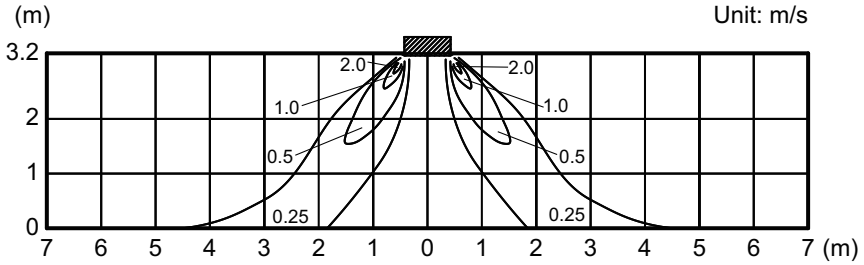

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

## • Air velocity distribution

Side view
Horizontal louver: Position 2




Side view
Horizontal louver: Position 4





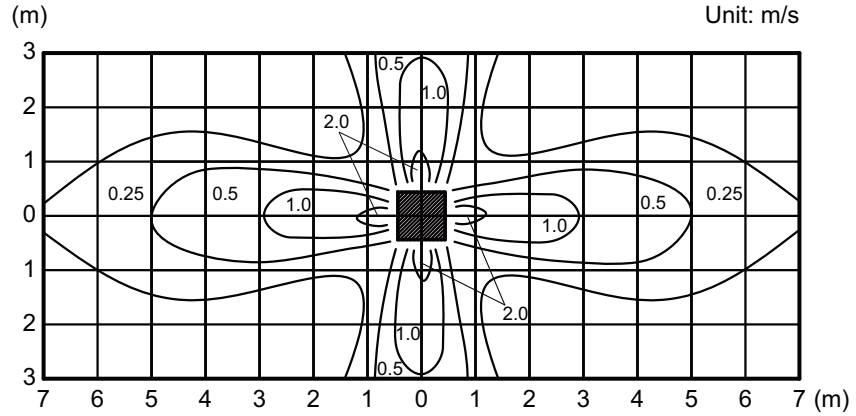
INDOOR UNITS

# ■ Model: AUXK036GLEH

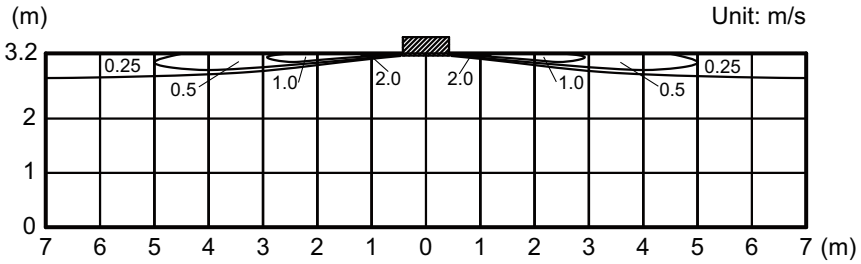
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Position 1



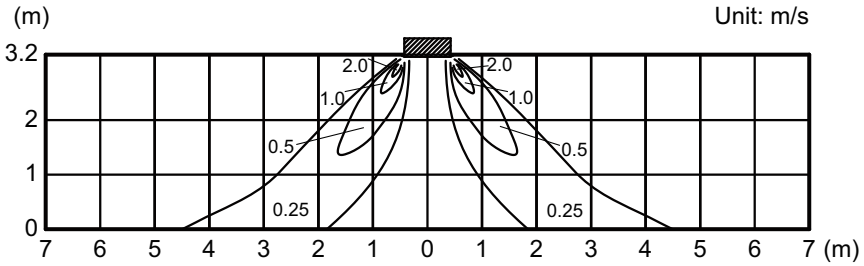

Side view
Horizontal louver: Position 1



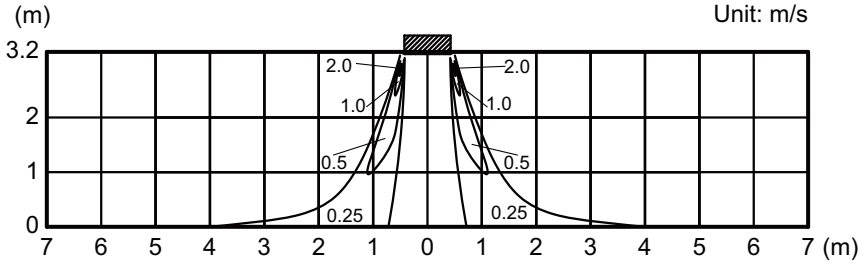

| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

## • Air velocity distribution

Side view
Horizontal louver: Position 2




Side view
Horizontal louver: Position 4





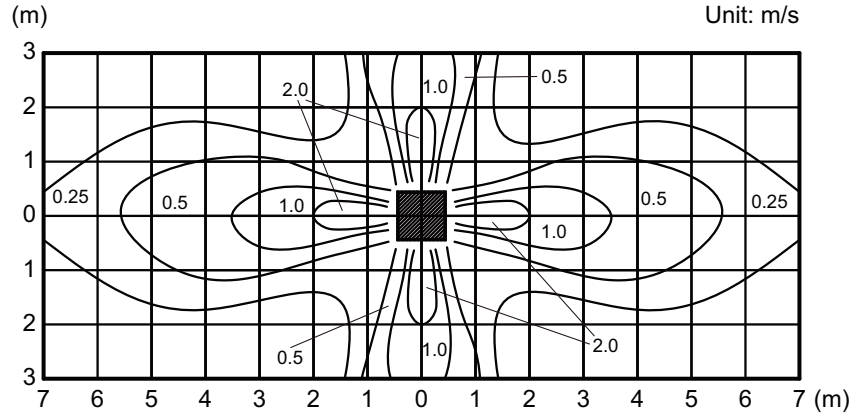
INDOOR UNITS

# ■ Model: AUXK045GLEH

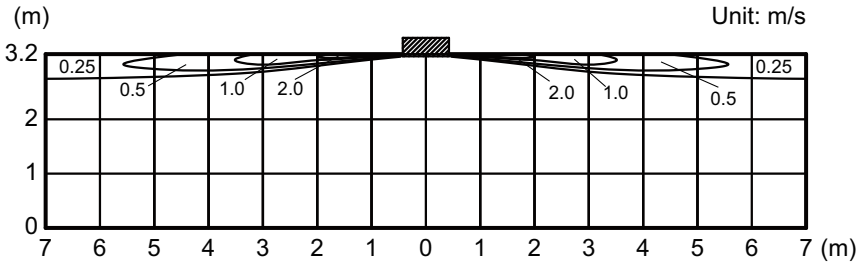
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Position 1



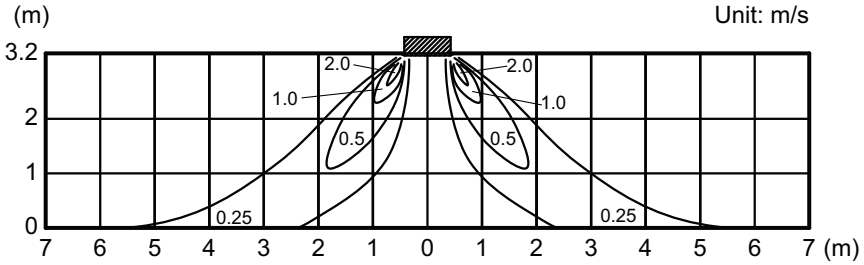

Side view
Horizontal louver: Position 1



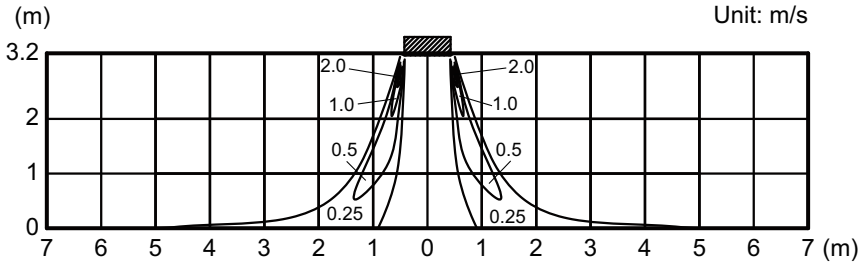

| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

## • Air velocity distribution

Side view
Horizontal louver: Position 2




Side view
Horizontal louver: Position 4





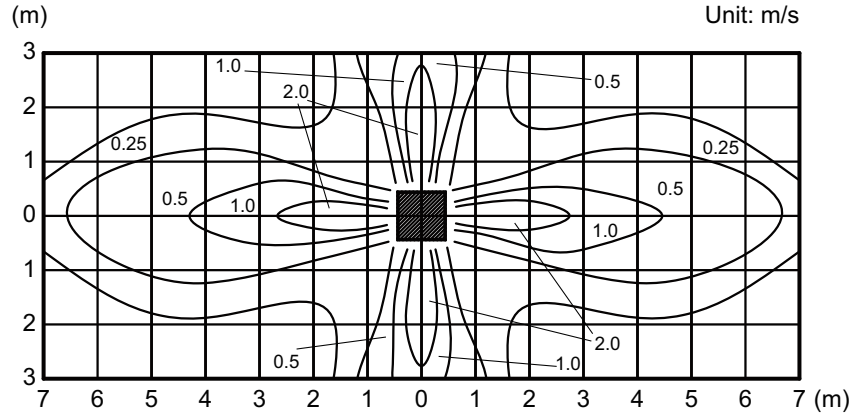
INDOOR UNITS

# ■ Model: AUXK054GLEH

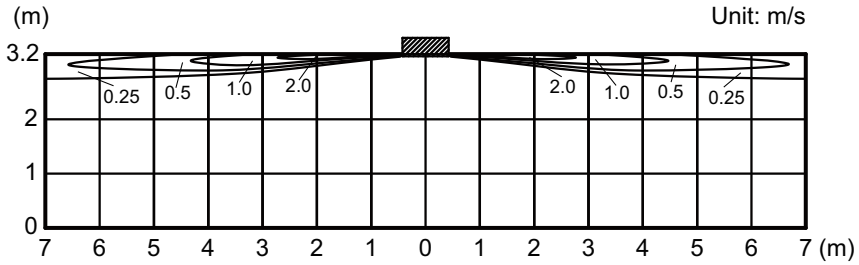
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

Top view
Horizontal louver: Position 1



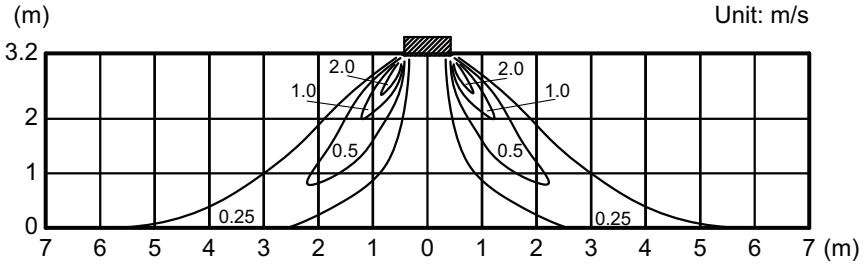

Side view
Horizontal louver: Position 1



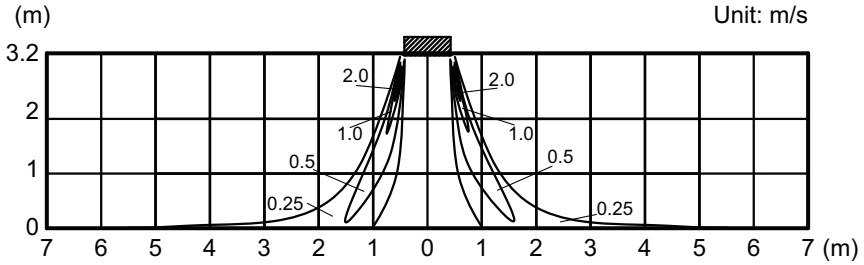

| Measuring conditions<br>**NOTE:** Reference data | Fan speed | Operation mode |
|---|---|---|
| | HIGH | HEAT |

## • Air velocity distribution

Side view
Horizontal louver: Position 2




Side view
Horizontal louver: Position 4





INDOOR UNITS

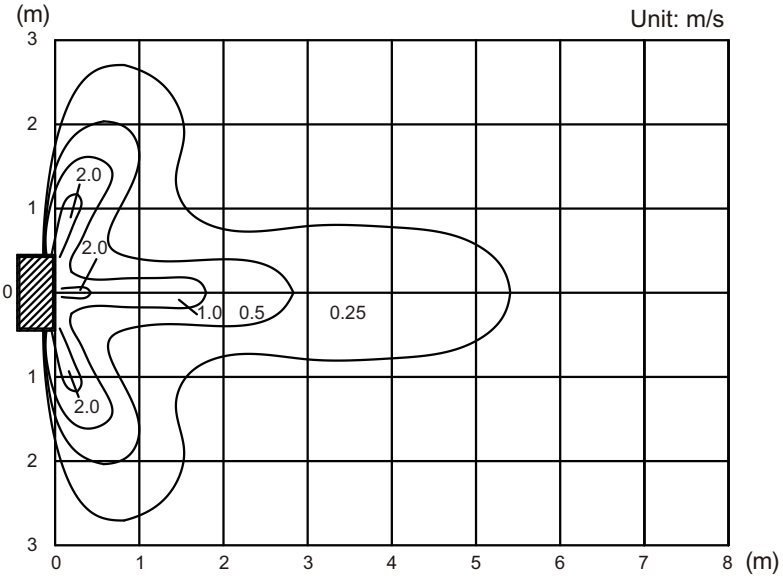
# 6-4. 3D flow cassette type

## ■ Model: AUXS018GLEH

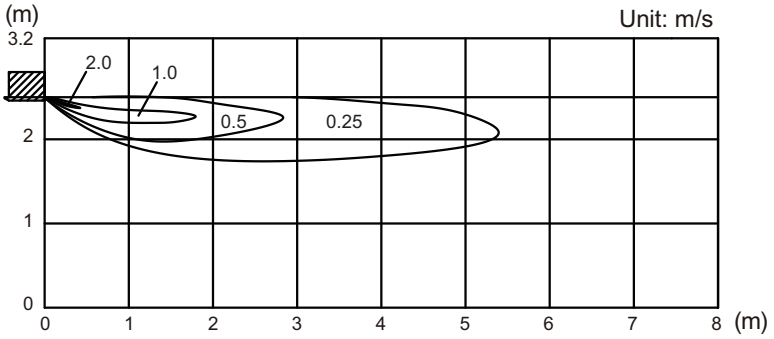
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Comfort airflow operation: Cooling**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up



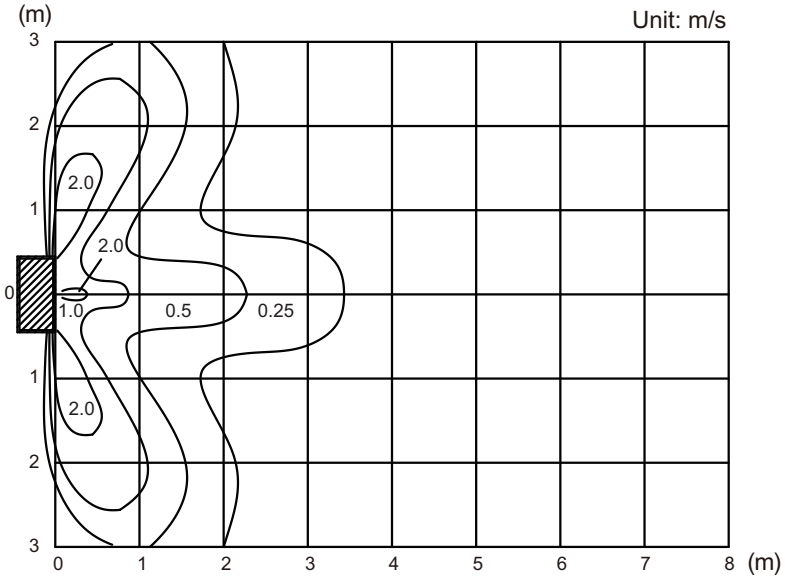



INDOOR UNITS

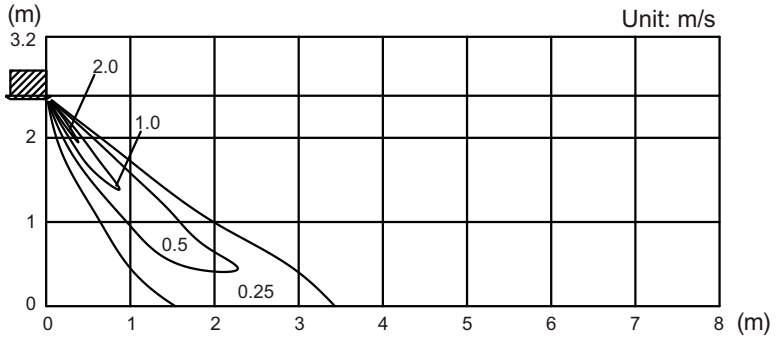
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Comfort airflow operation: Heating

Top view
Horizontal louver: Down




Side view
Horizontal louver: Down



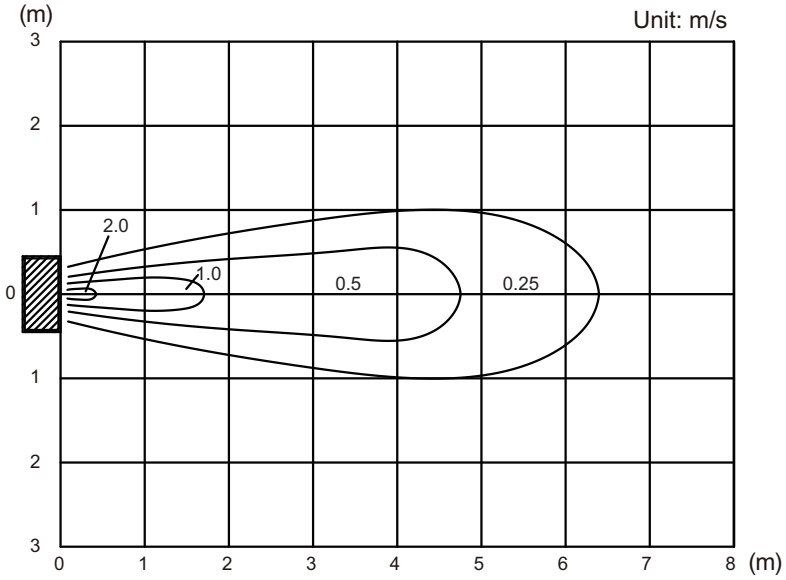


INDOOR UNITS

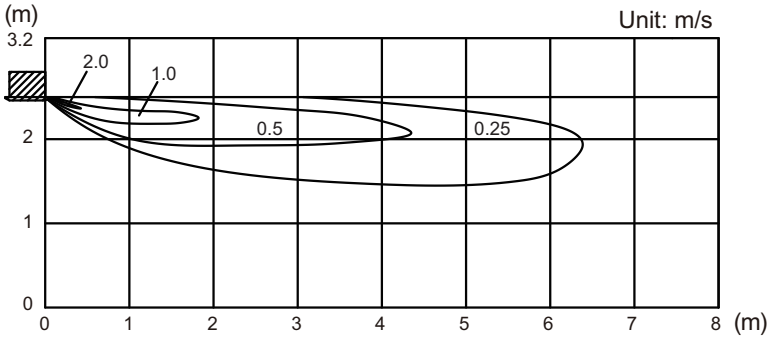
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Horizontal louver: Center**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up

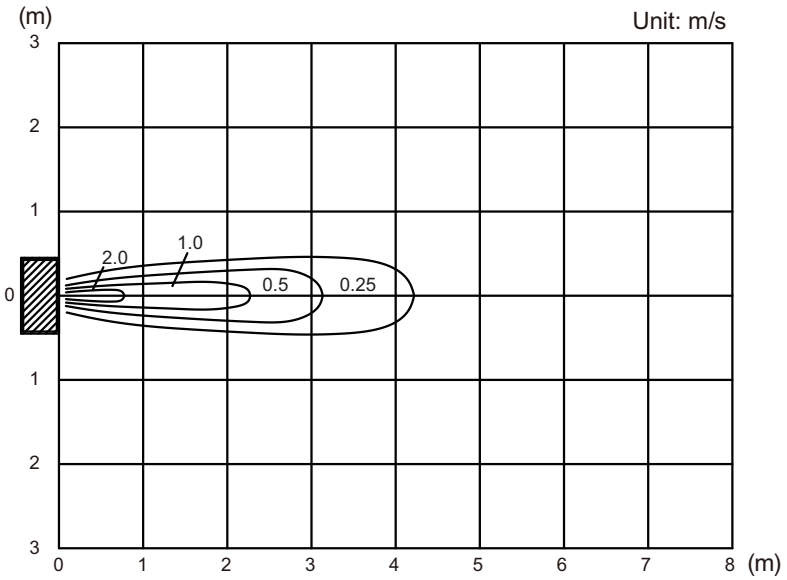




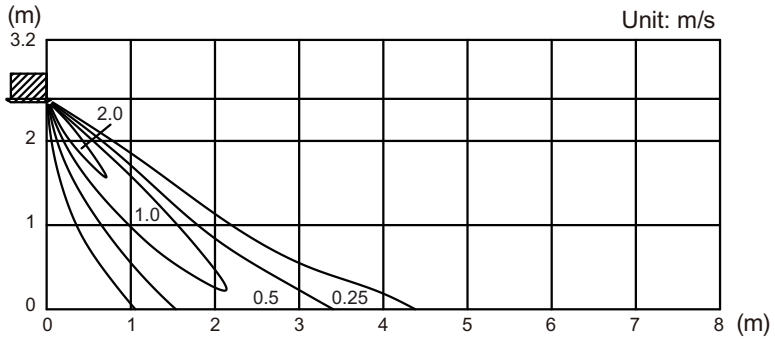

INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

Top view
Horizontal louver: Down




Side view
Horizontal louver: Down



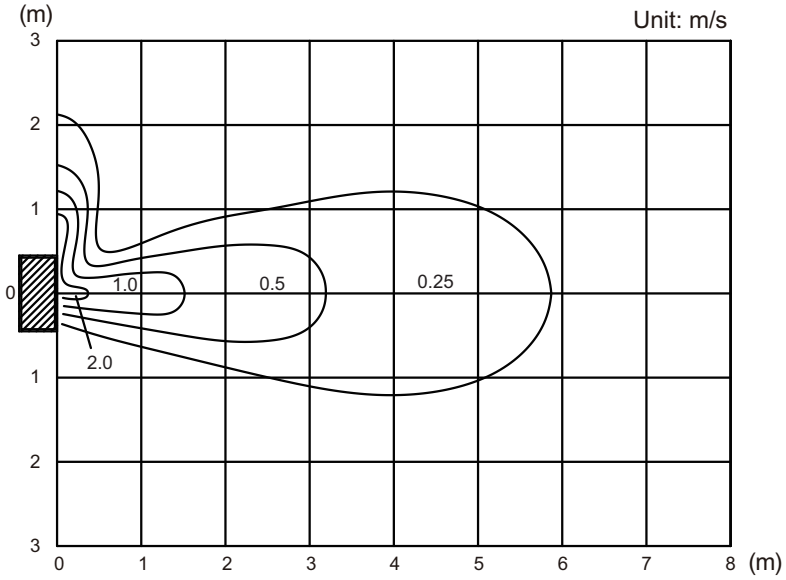



INDOOR UNITS

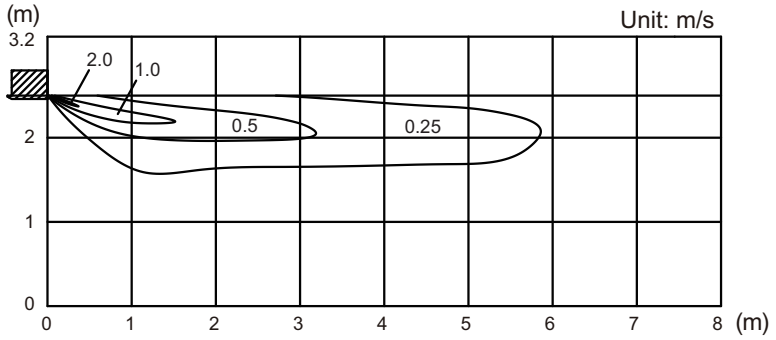
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Horizontal louver: Right**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up



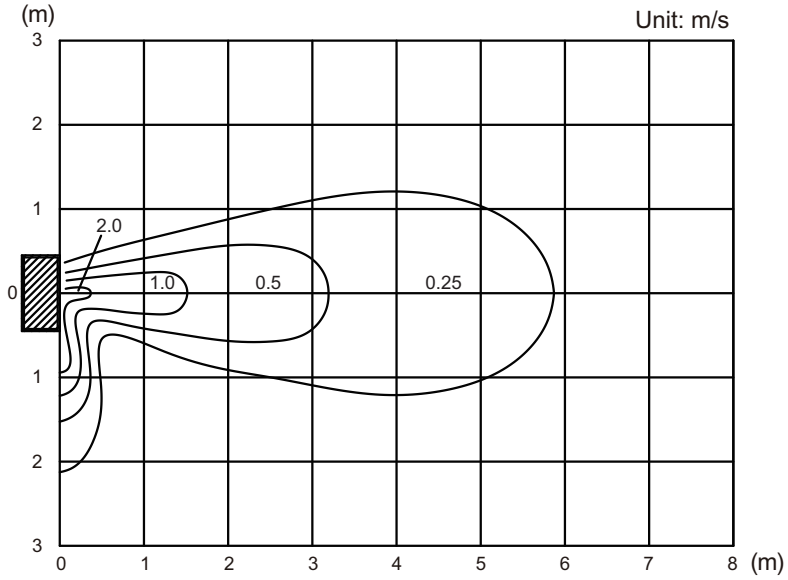



INDOOR UNITS

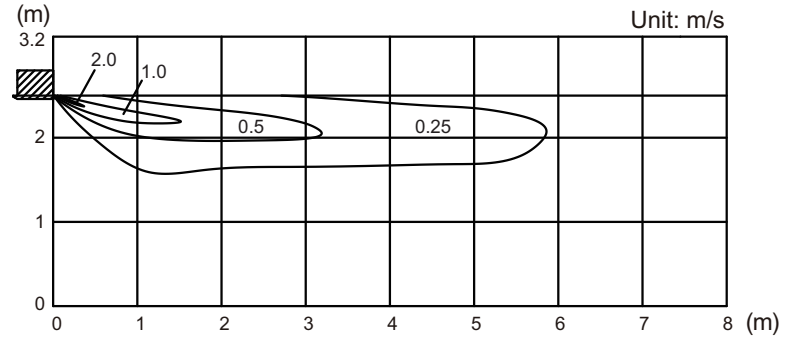
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Horizontal louver: Left**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up





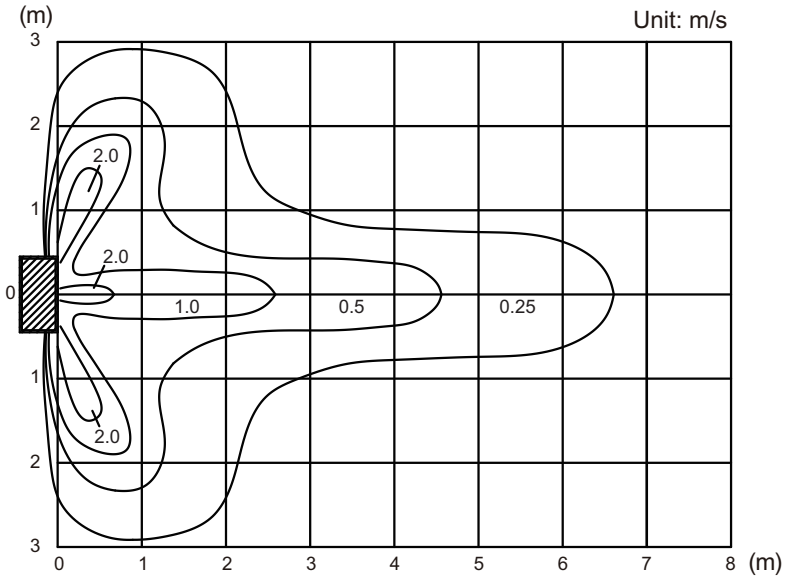

INDOOR UNITS

# ■ Model: AUXS024GLEH

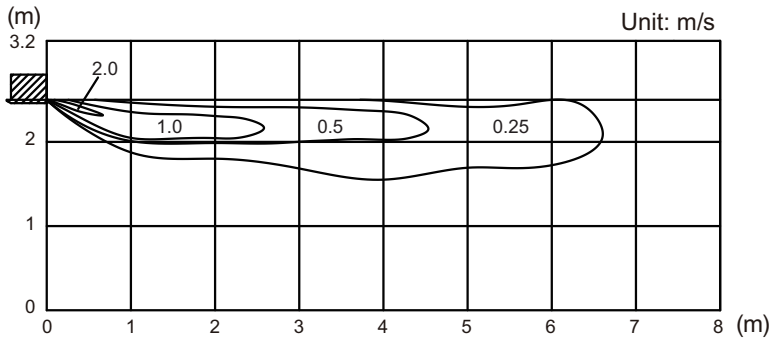
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Comfort airflow operation: Cooling**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up



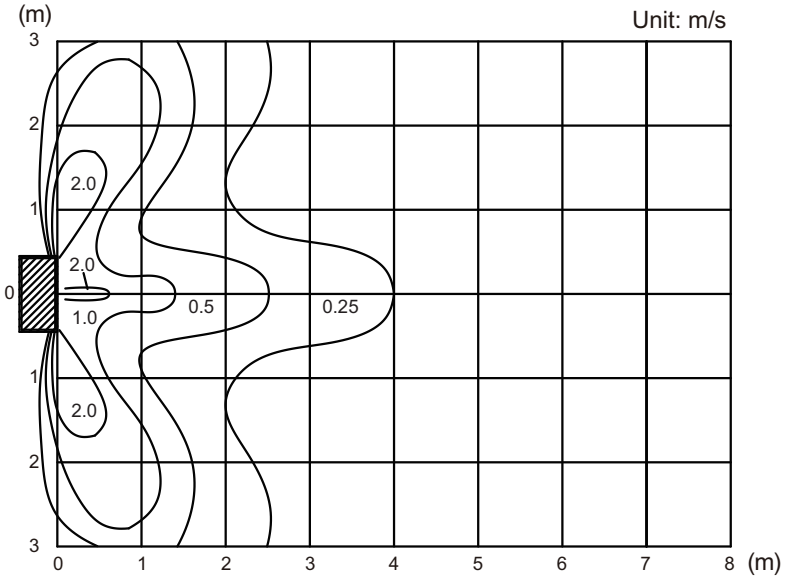



INDOOR UNITS

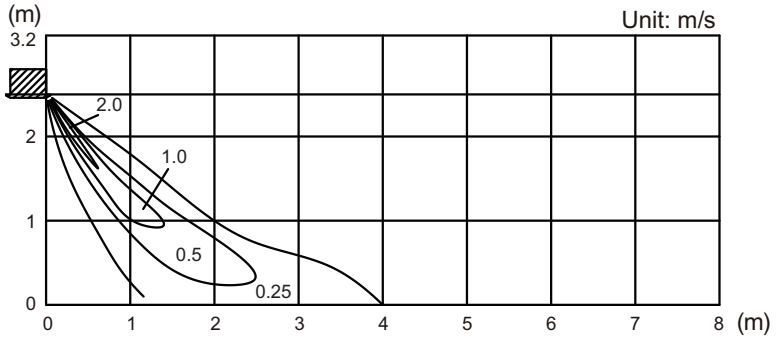
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Comfort airflow operation: Heating

Top view
Horizontal louver: Down




Side view
Horizontal louver: Down



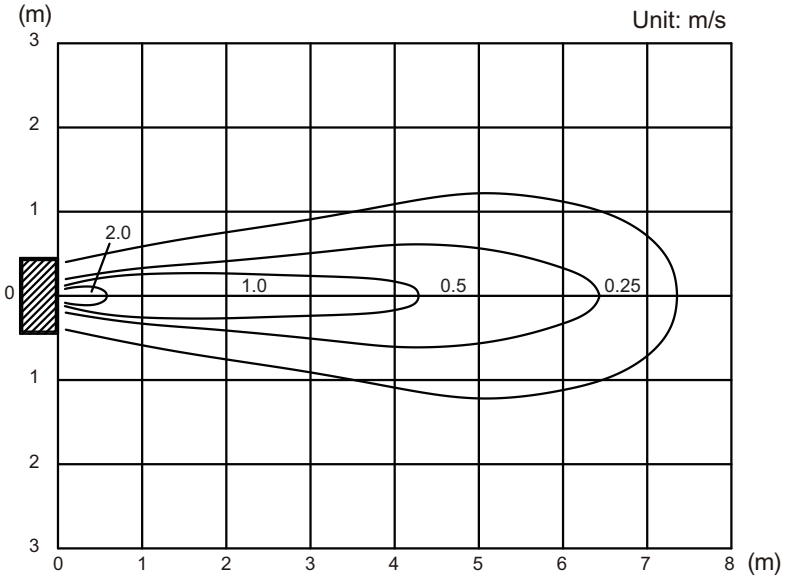


INDOOR UNITS

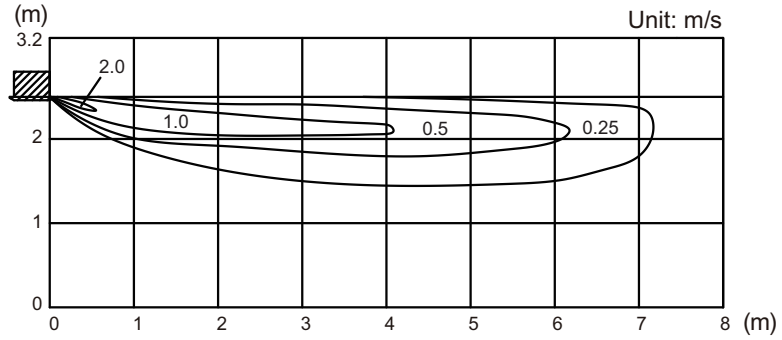
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Vertical louver: Center**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up

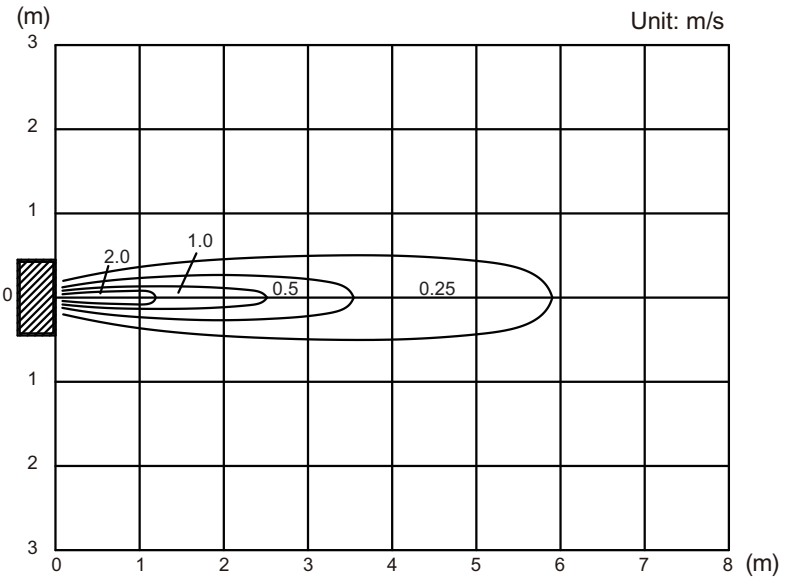




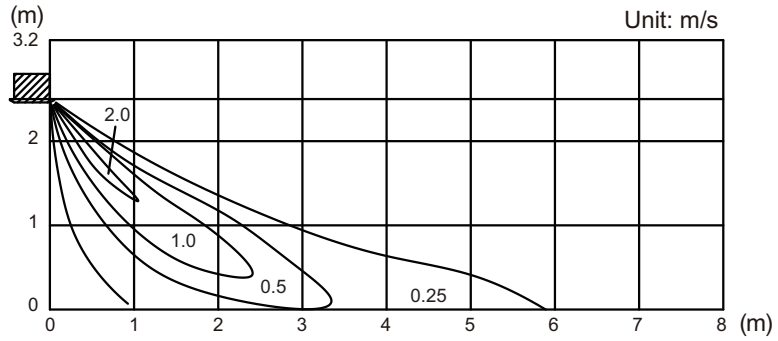

INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

Top view
Horizontal louver: Down




Side view
Horizontal louver: Down



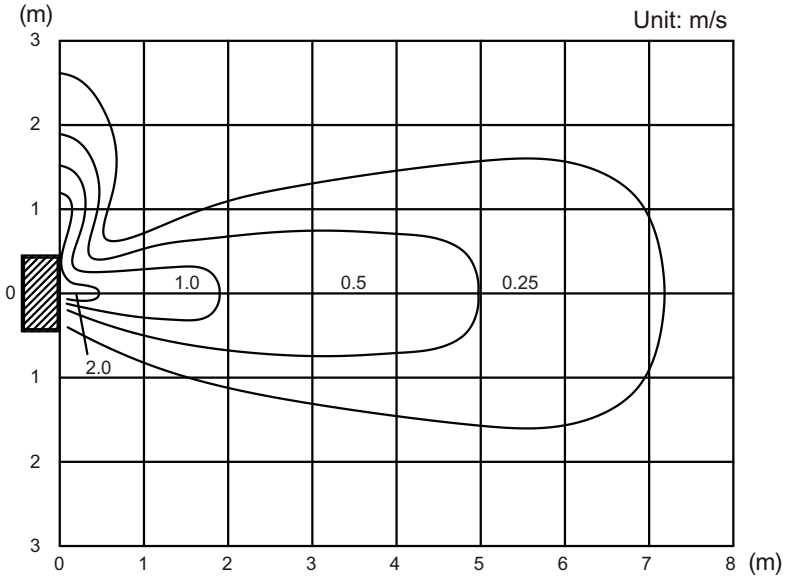



INDOOR UNITS

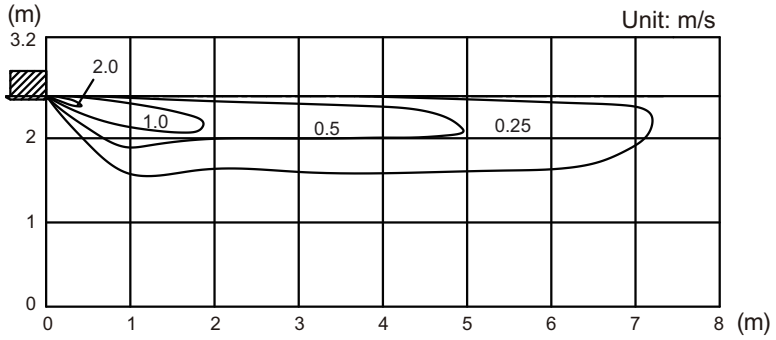
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Vertical louver: Right**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up



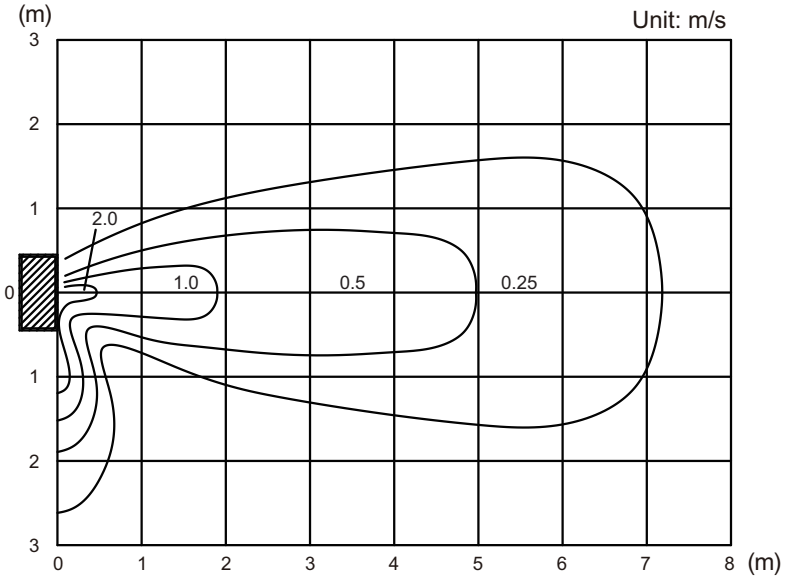



INDOOR UNITS

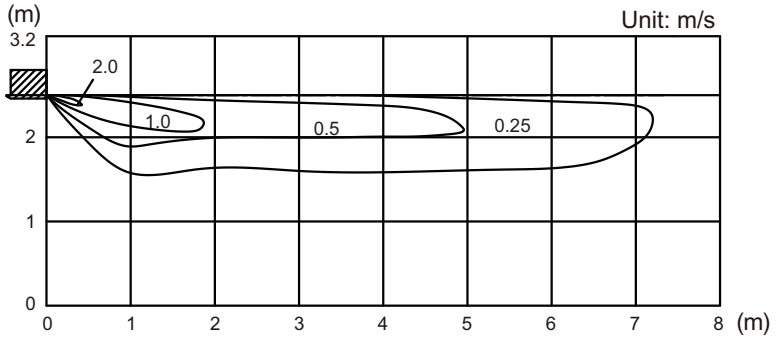
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Vertical louver: Left**

Top view
Horizontal louver: Up




Side view
Horizontal louver: Up






INDOOR UNITS

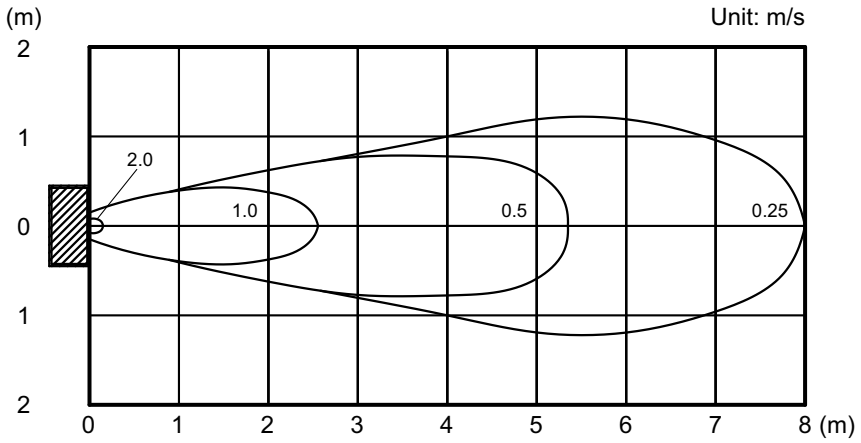
# 6-5. One way flow cassette type

## ■ Model: AUXV004GLEH

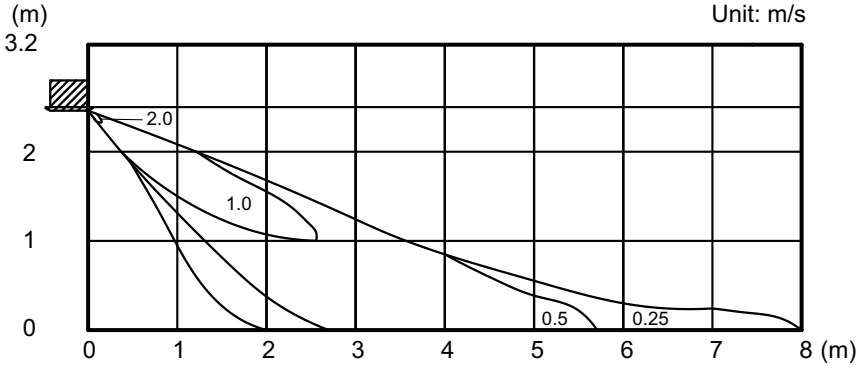
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Position 1




Side view
Horizontal louver: Position 1



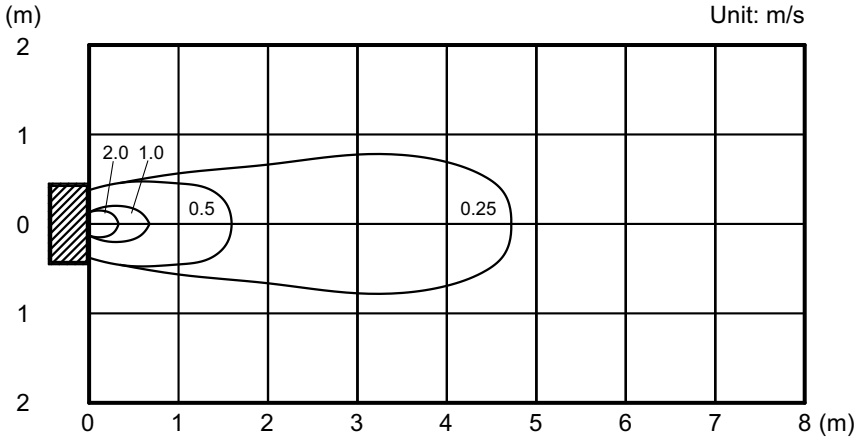


INDOOR UNITS

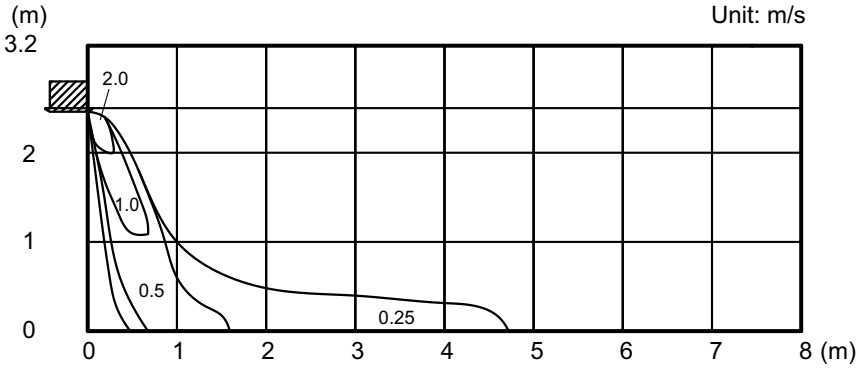
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | FAN |

## • Air velocity distribution

Side view
Horizontal louver: Position 5




Side view
Horizontal louver: Position 5





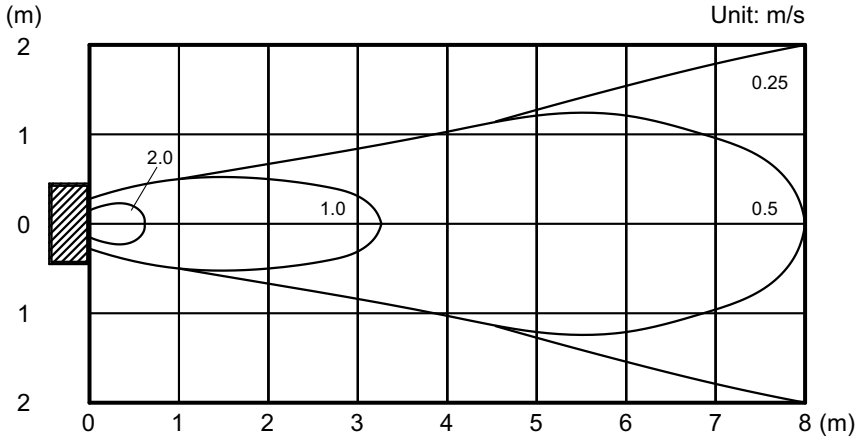

INDOOR UNITS

# ■ Models: AUXV007GLEH and AUXV009GLEH

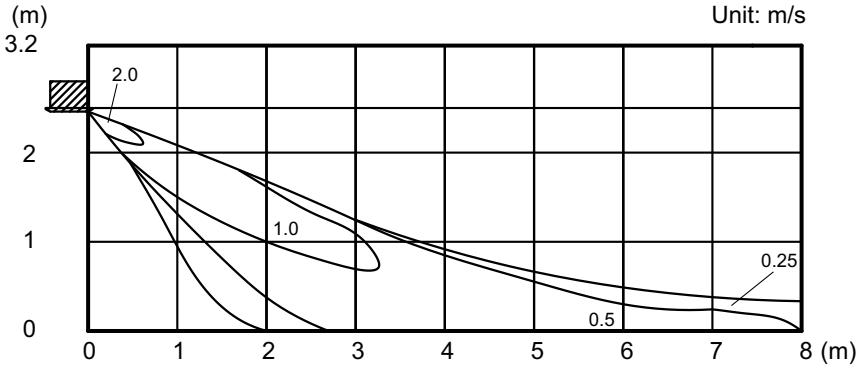
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Position 1




Side view
Horizontal louver: Position 1



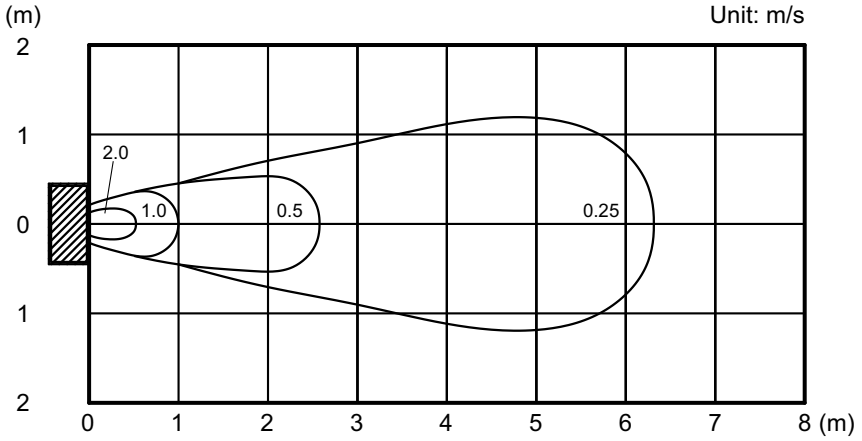



INDOOR UNITS

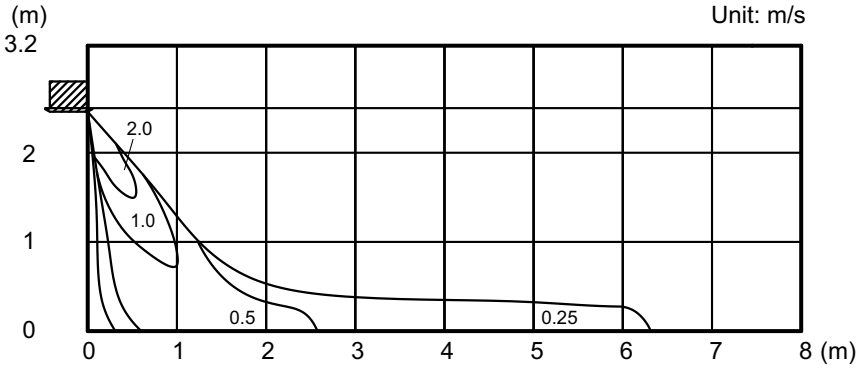
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | FAN |

## • Air velocity distribution

Side view
Horizontal louver: Position 5




Side view
Horizontal louver: Position 5





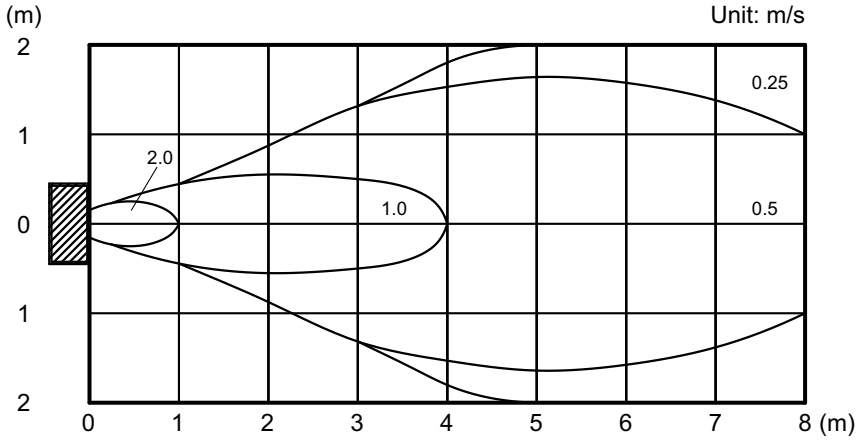

INDOOR UNITS

# ■ Model: AUXV012GLEH

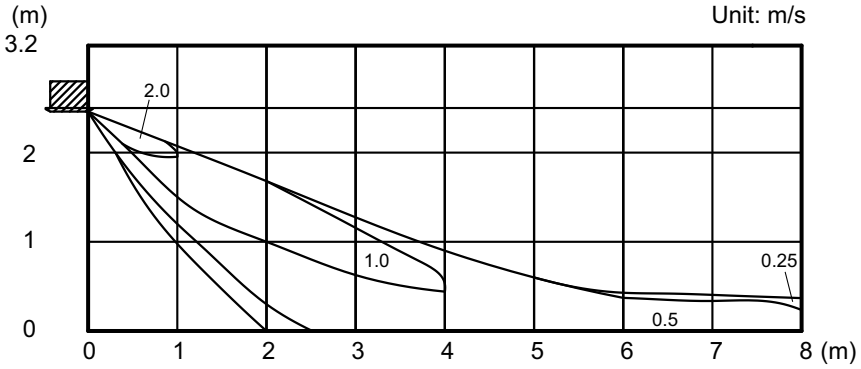
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Position 1




Side view
Horizontal louver: Position 1



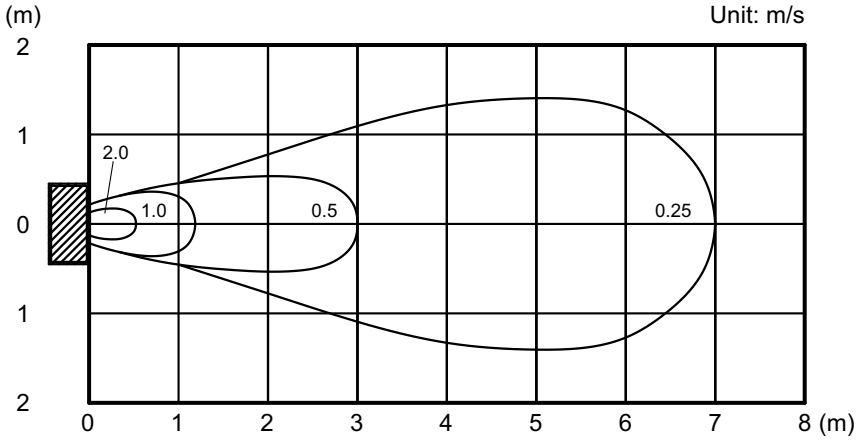



INDOOR UNITS

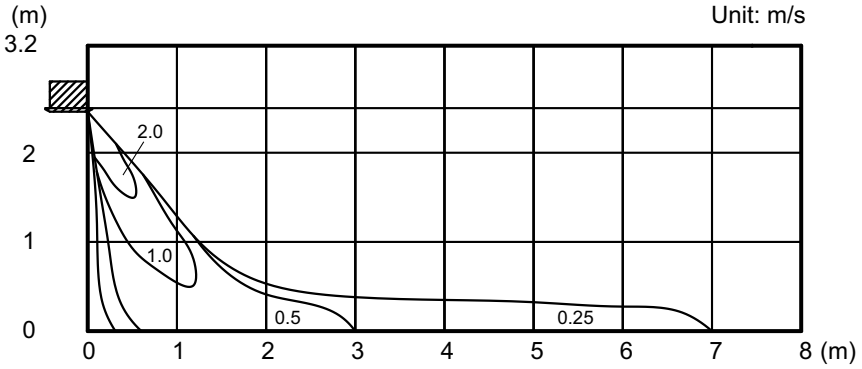
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | FAN |

## • Air velocity distribution

Side view
Horizontal louver: Position 5




Side view
Horizontal louver: Position 5





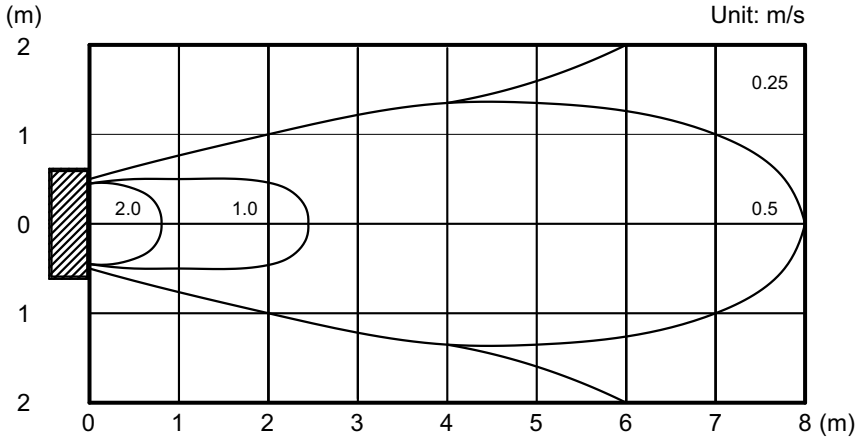
INDOOR UNITS

# ■ Model: AUXV014GLEH

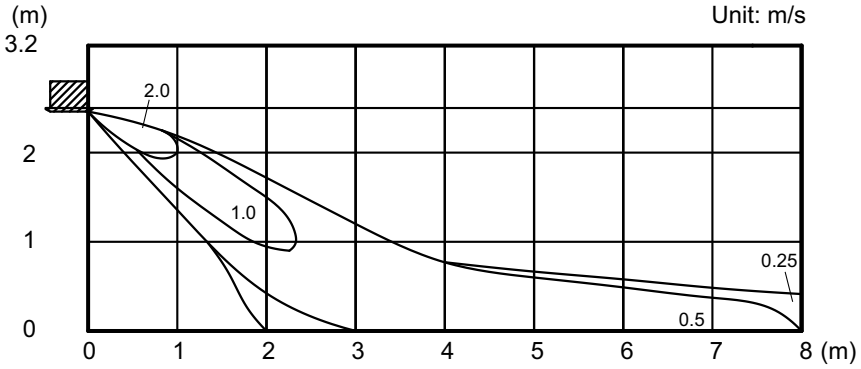
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Position 1




Side view
Horizontal louver: Position 1



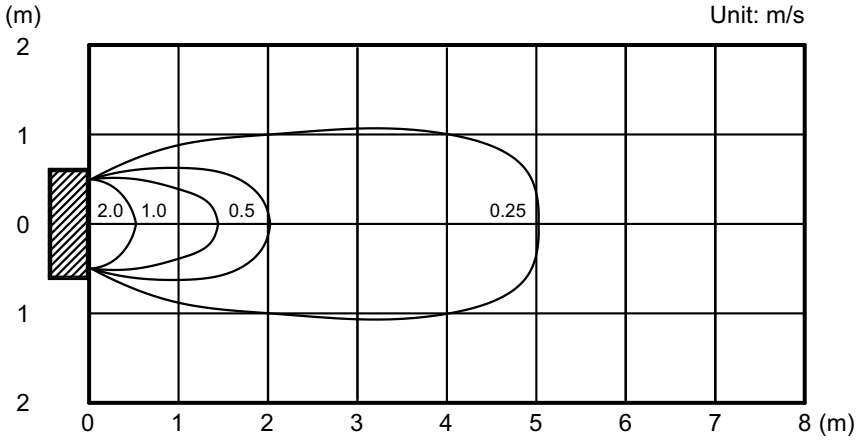



INDOOR UNITS

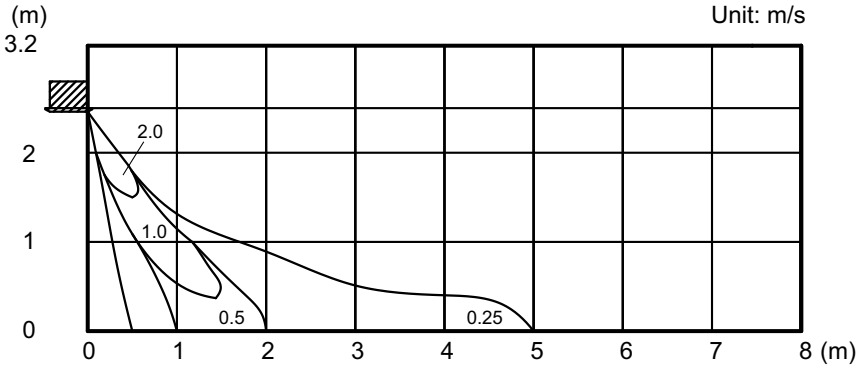
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | FAN |

## • Air velocity distribution

Side view
Horizontal louver: Position 5




Side view
Horizontal louver: Position 5





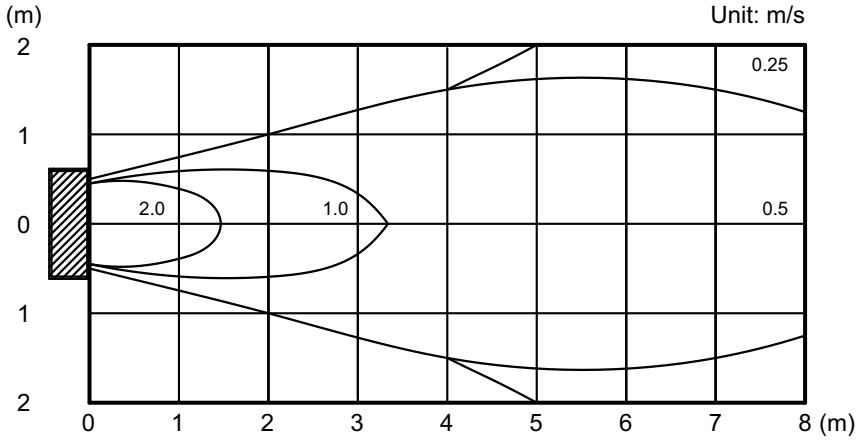

INDOOR UNITS

# ■ Model: AUXV018GLEH

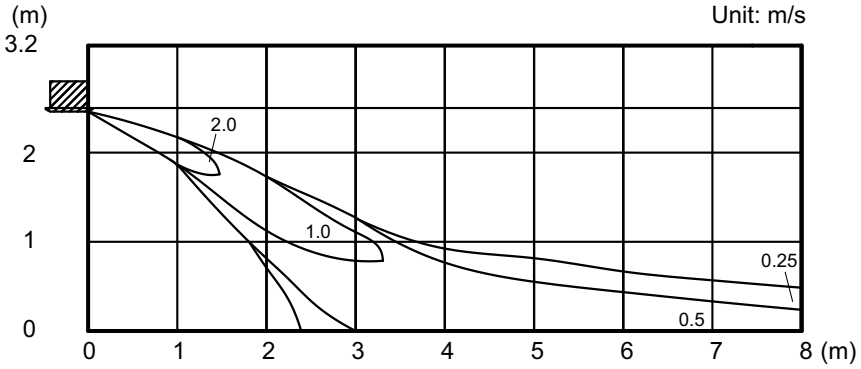
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Position 1




Side view
Horizontal louver: Position 1



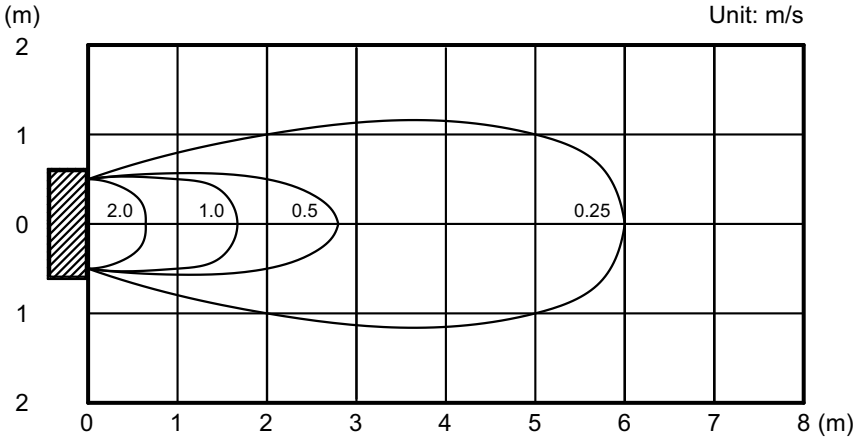



INDOOR UNITS

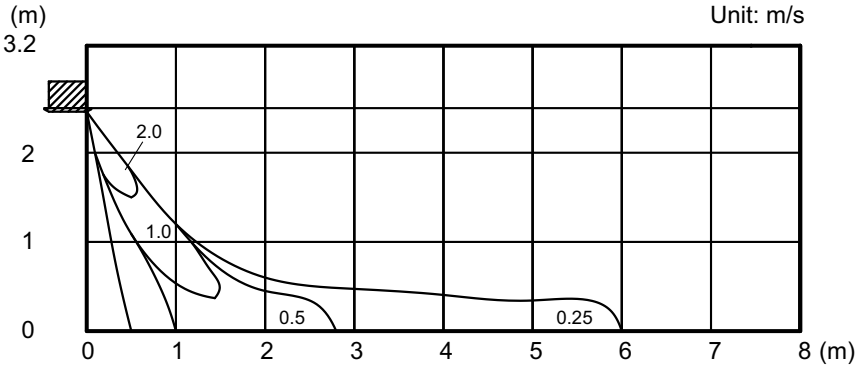
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | FAN |

## • Air velocity distribution

Side view
Horizontal louver: Position 5




Side view
Horizontal louver: Position 5





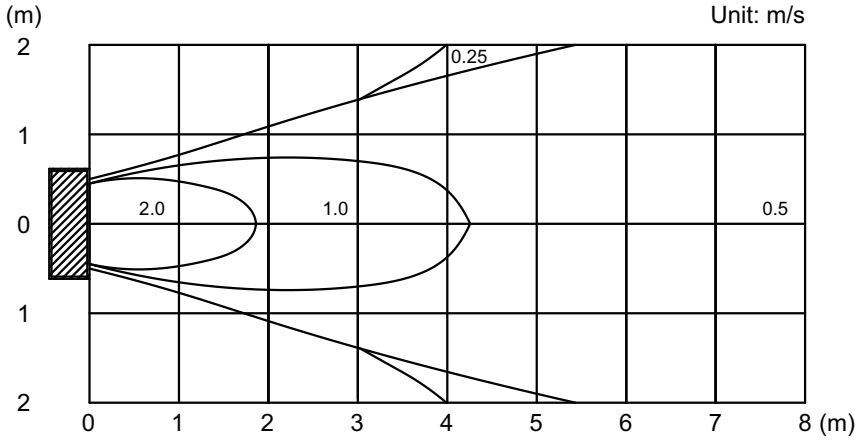

INDOOR UNITS

# ■ Model: AUXV024GLEH

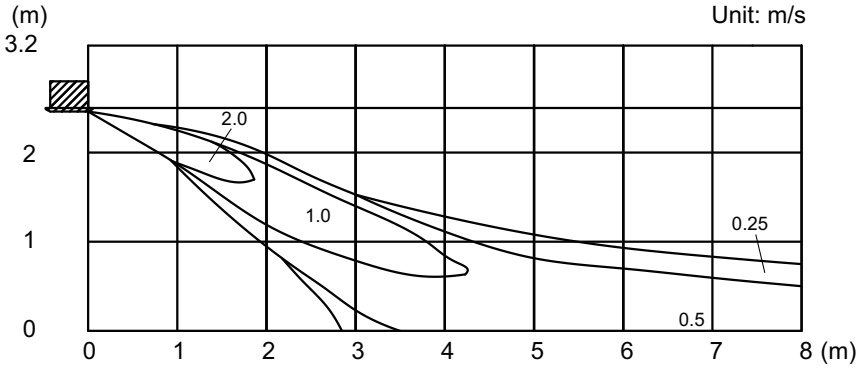
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

Top view
Horizontal louver: Position 1




Side view
Horizontal louver: Position 1



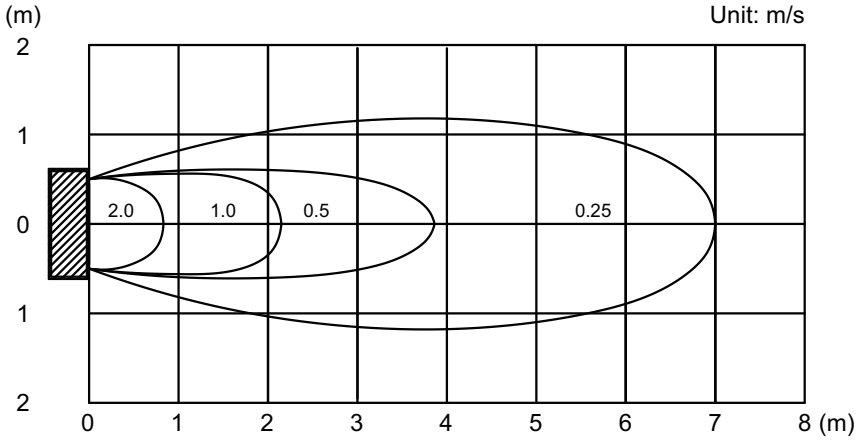



INDOOR UNITS

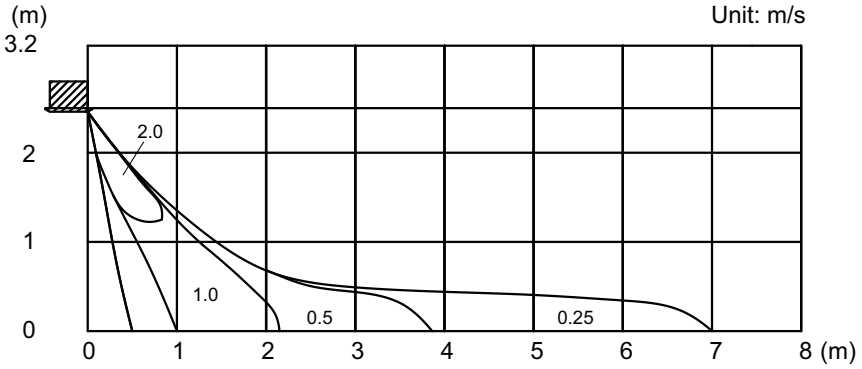
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | FAN |

## • Air velocity distribution

Side view
Horizontal louver: Position 5




Side view
Horizontal louver: Position 5






INDOOR UNITS

# 6-6. Low static pressure duct (Mini duct) type

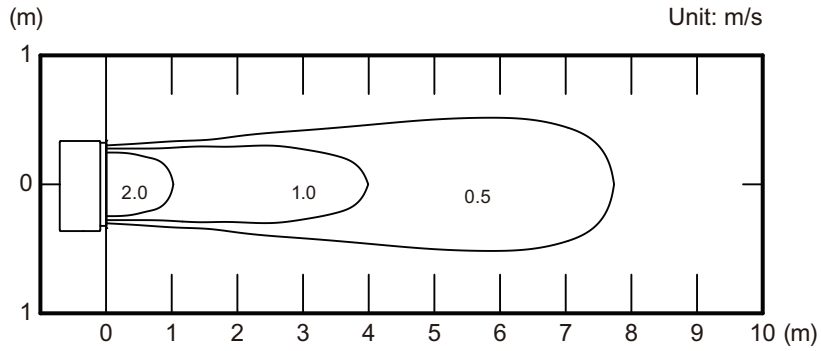
**NOTE:** This data is measured with Auto Louver Grille Kit (option).

## ■ Models: ARXK004GLGH, ARXK007GLGH, and ARXK009GLGH (with UTD-GXTA-W)

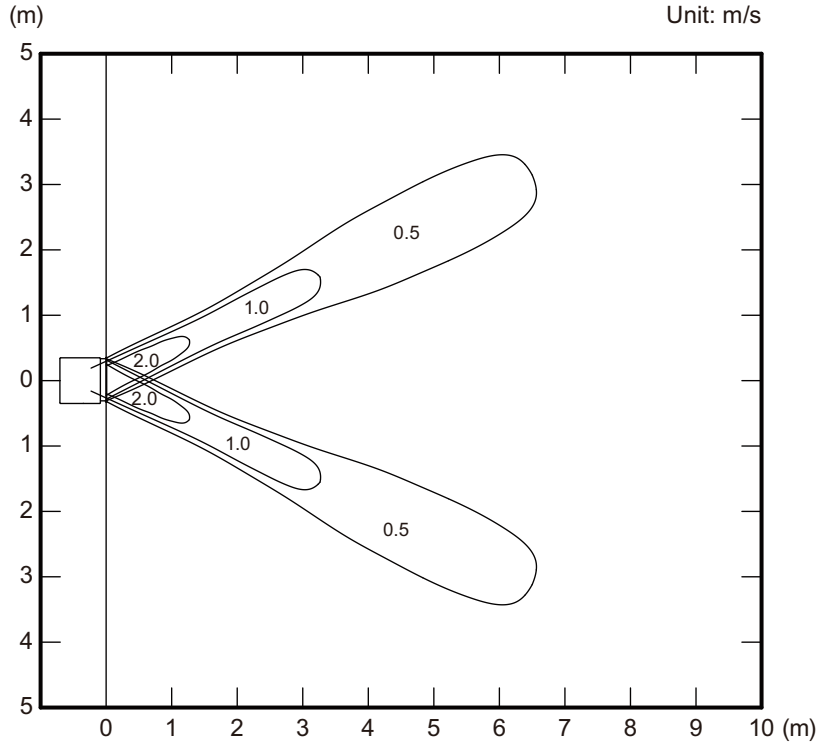
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

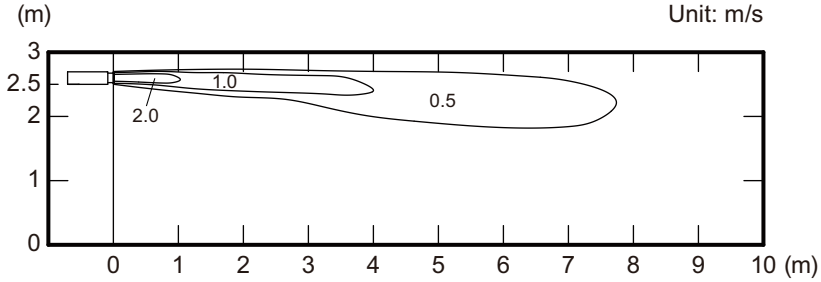
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



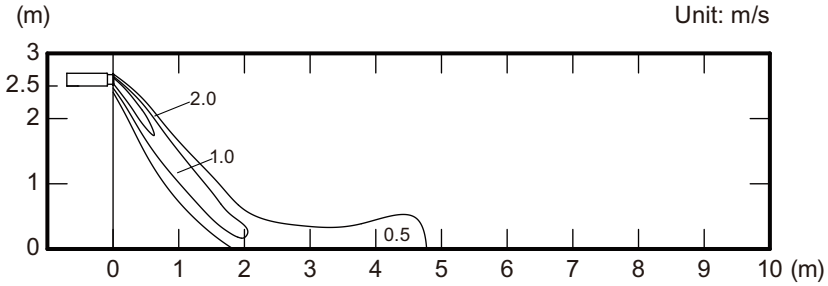



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

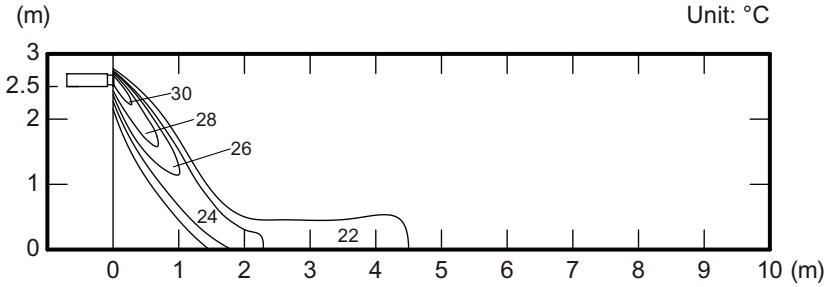
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





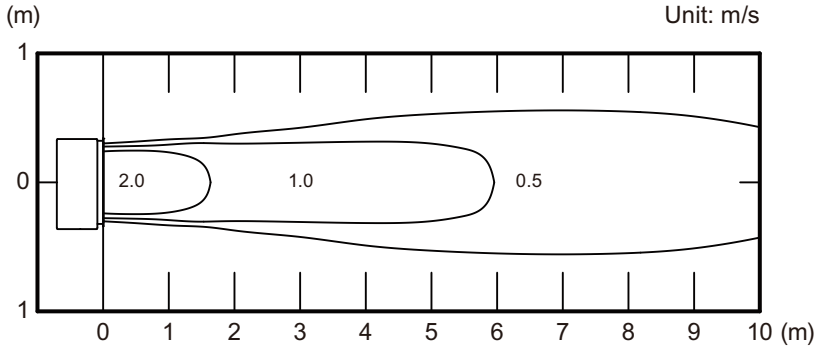
INDOOR UNITS

# ■ Model: ARXK012GLGH (with UTD-GXTA-W)

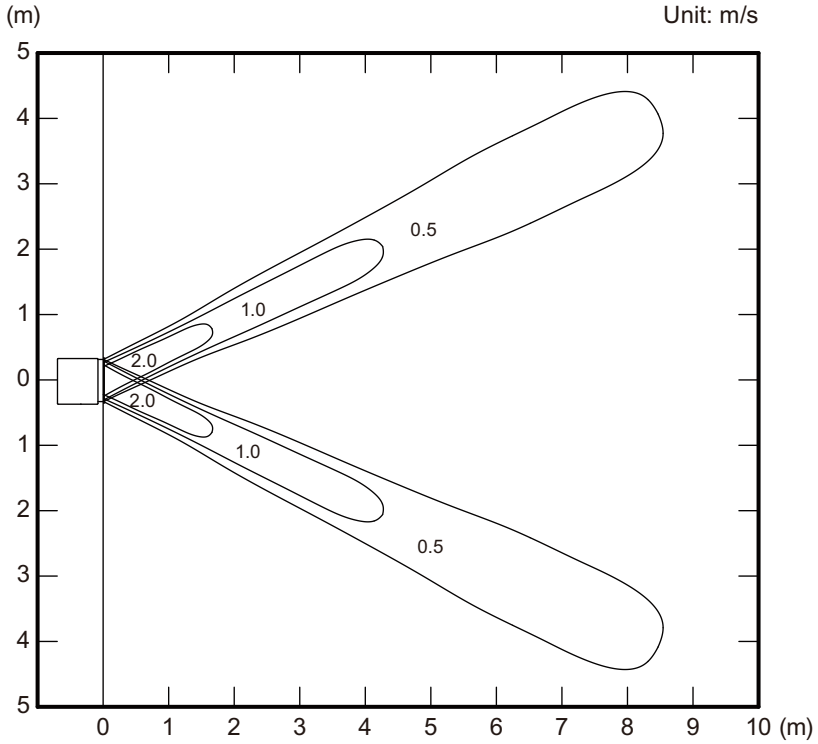
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

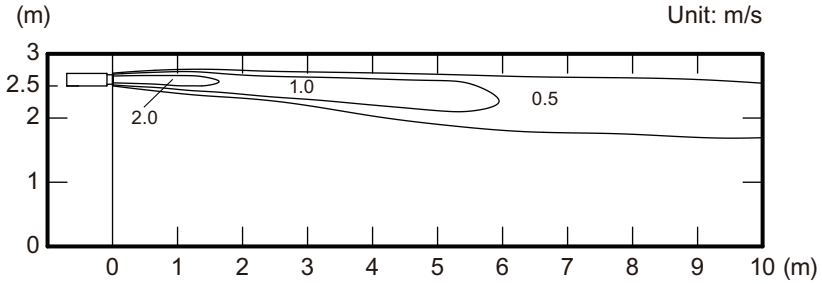
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



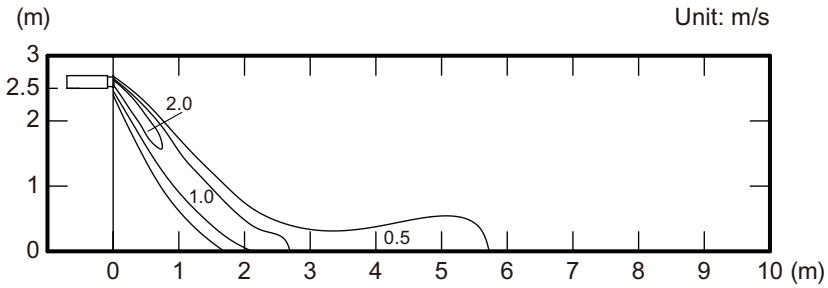



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

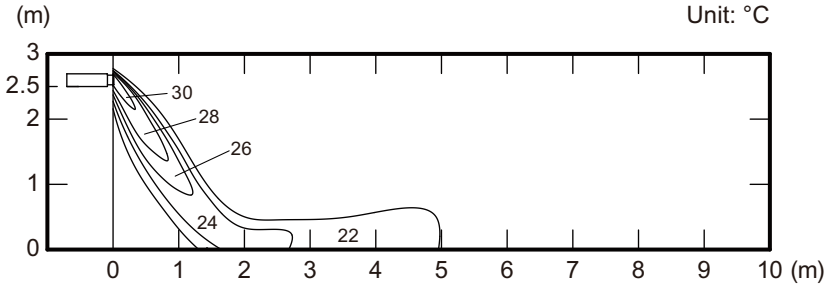
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





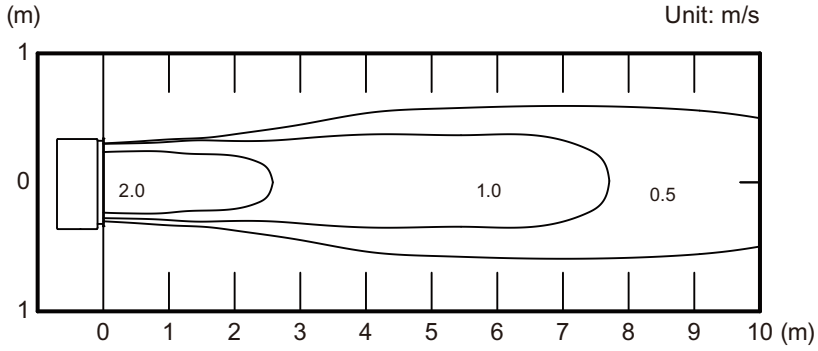
INDOOR UNITS

# ■ Model: ARXK014GLGH (with UTD-GXTA-W)

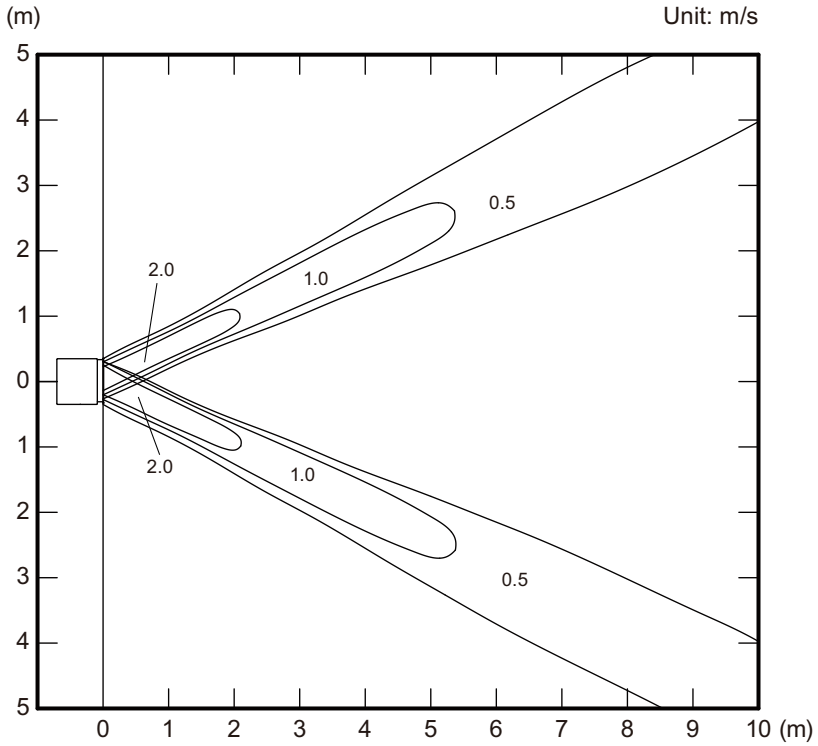
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

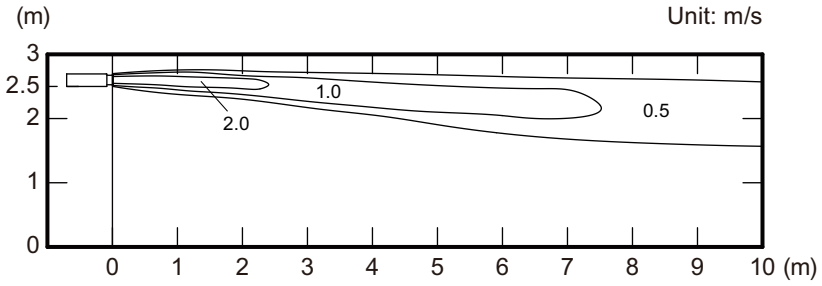
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



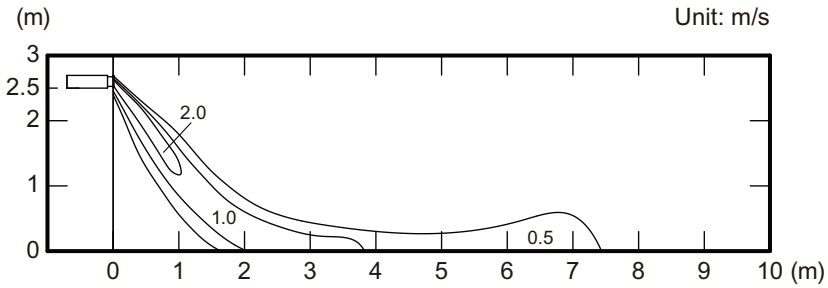



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

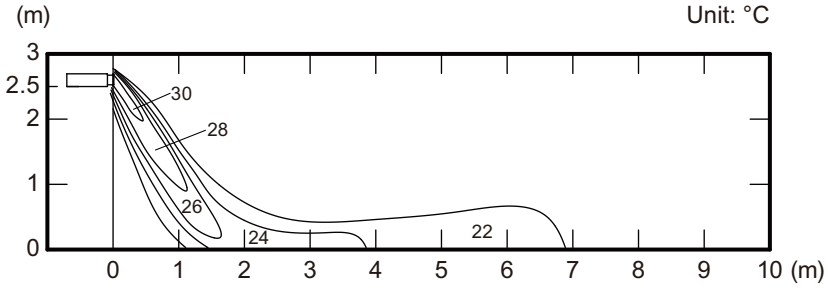
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





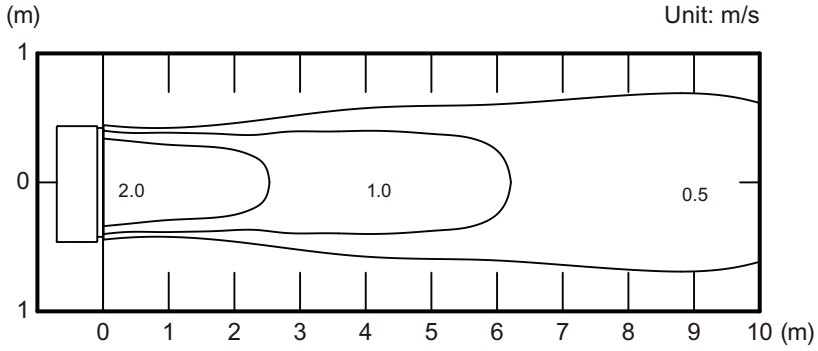
INDOOR UNITS

# ■ Model: ARXK018GLGH (with UTD-GXTB-W)

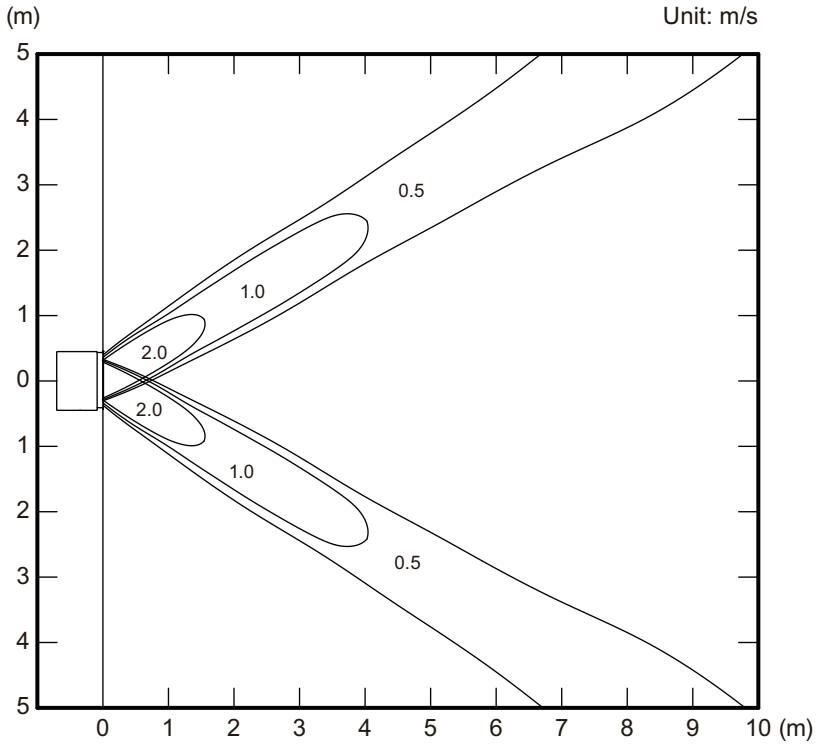
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

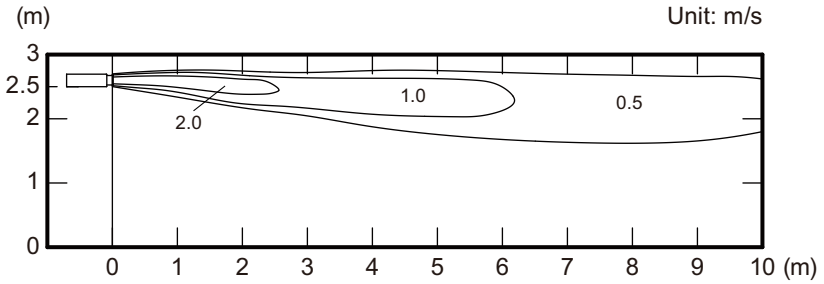
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



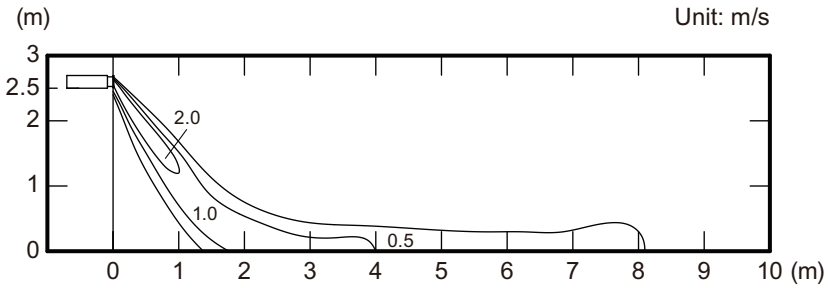



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

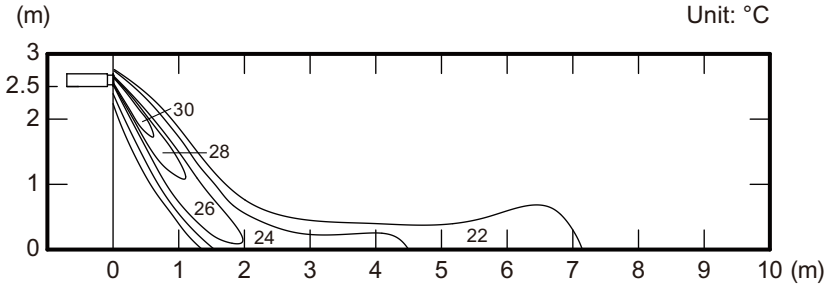
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





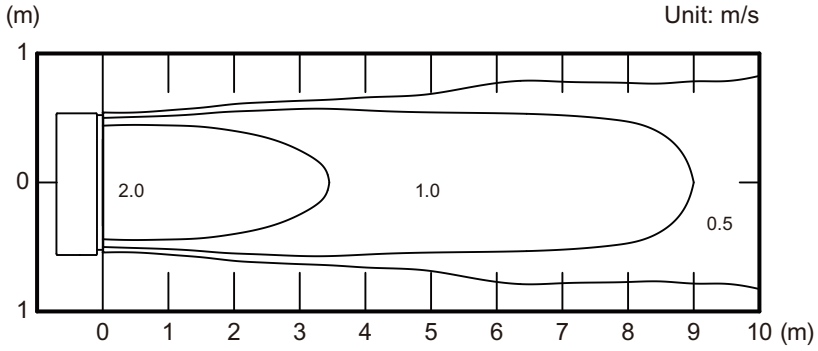
INDOOR UNITS

# ■ Model: ARXK024GLGH (with UTD-GXTC-W)

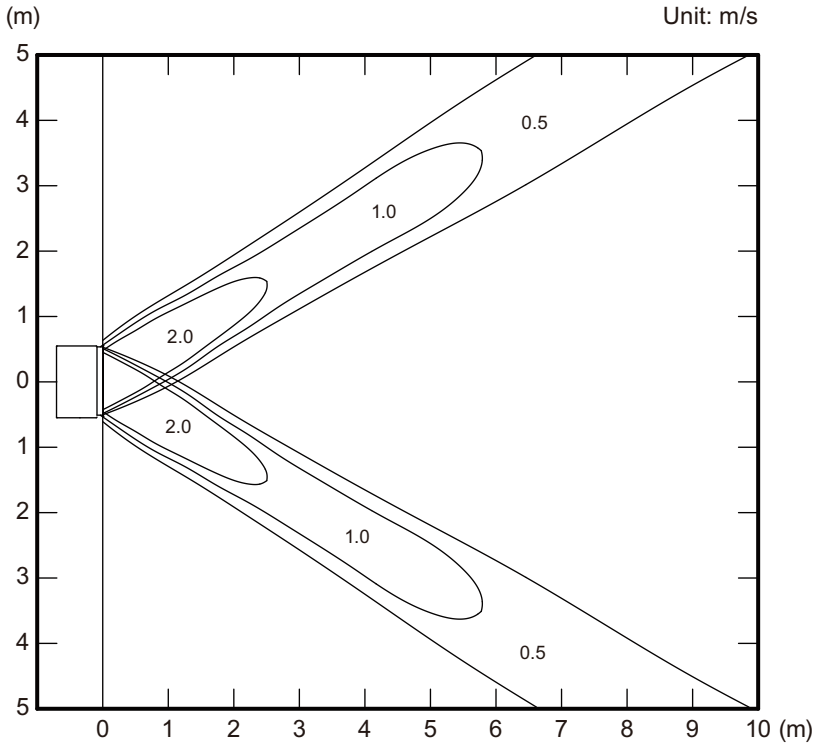
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

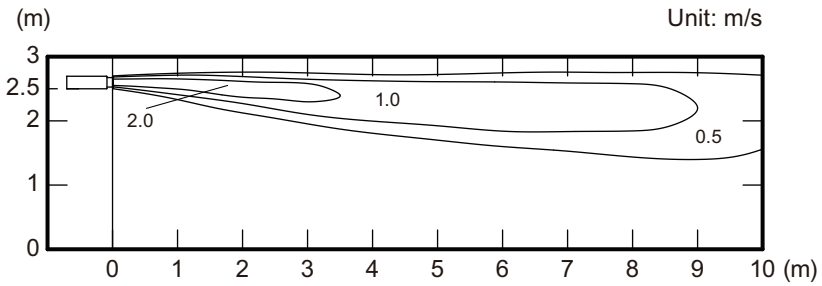
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



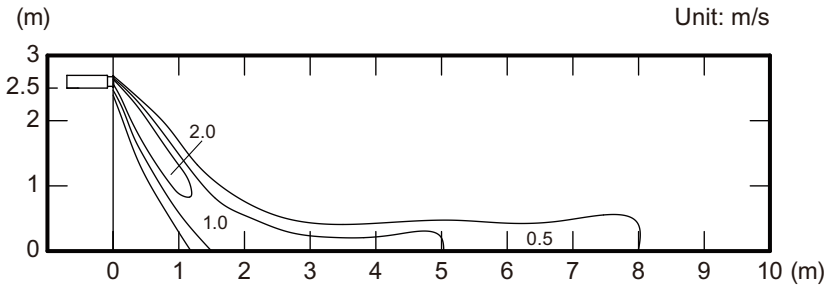



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

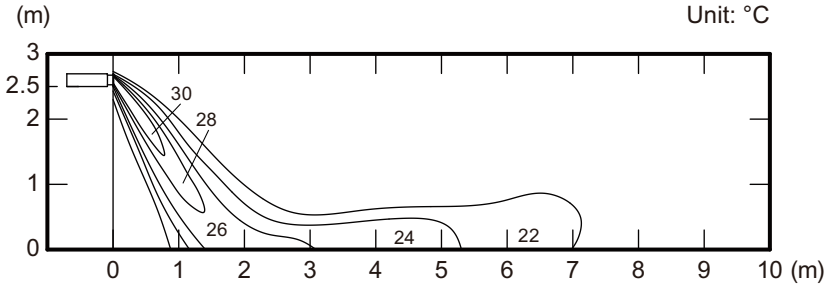
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





INDOOR UNITS

# 6-7. Low static pressure duct (Slim duct)/Slim concealed floor type

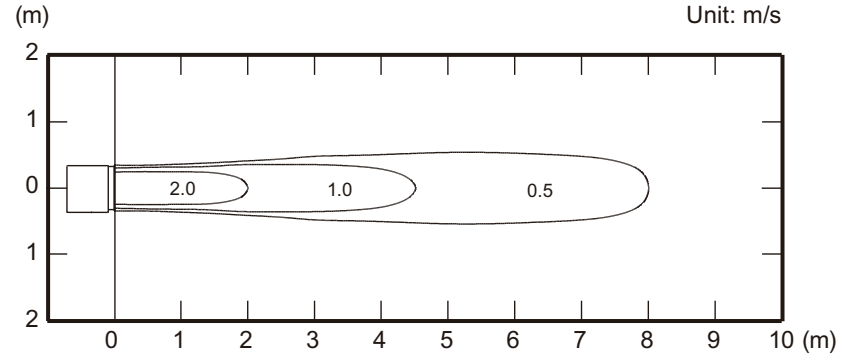
**NOTE:** This data is measured with Auto Louver Grille Kit (option).

## ■ Model: ARXD007GLEH (with UTD-GXSA-W)

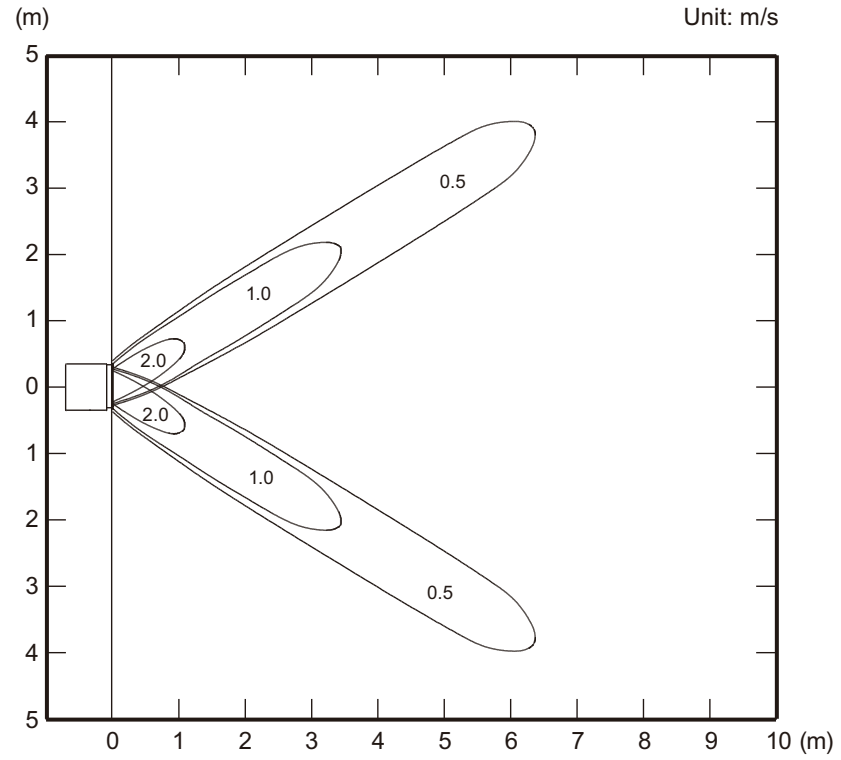
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

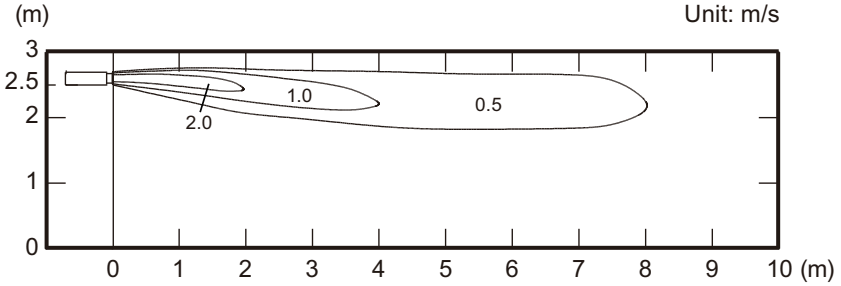
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



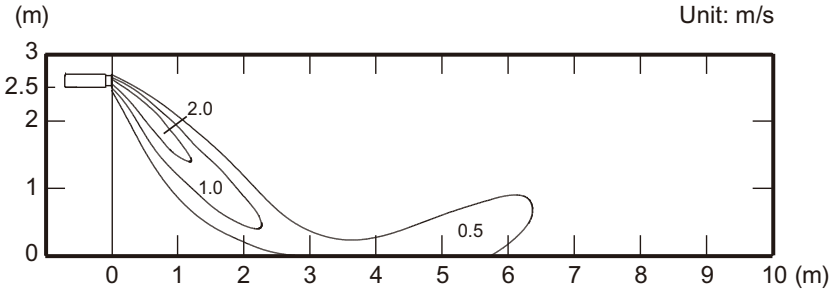


INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

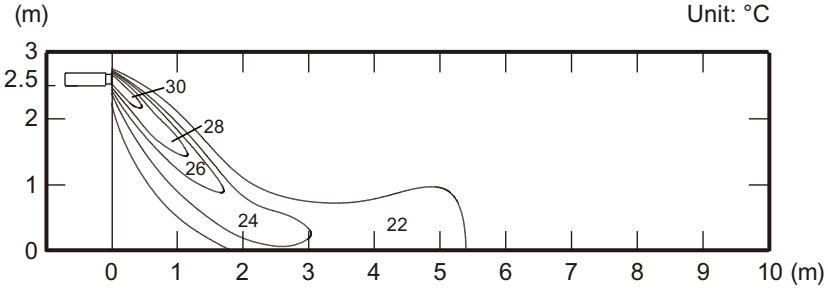
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





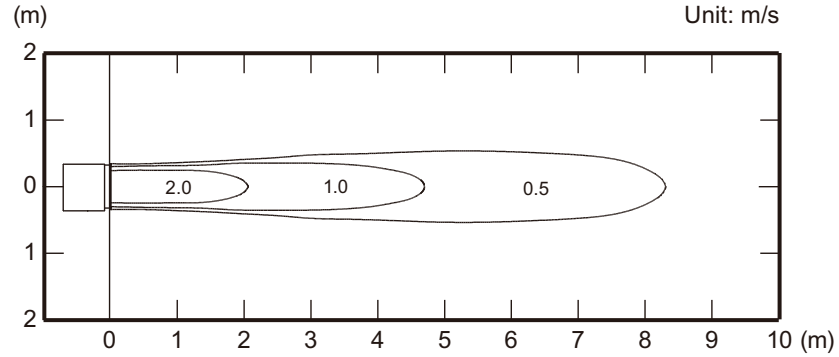
INDOOR UNITS

# ■ Model: ARXD009GLEH (with UTD-GXSA-W)

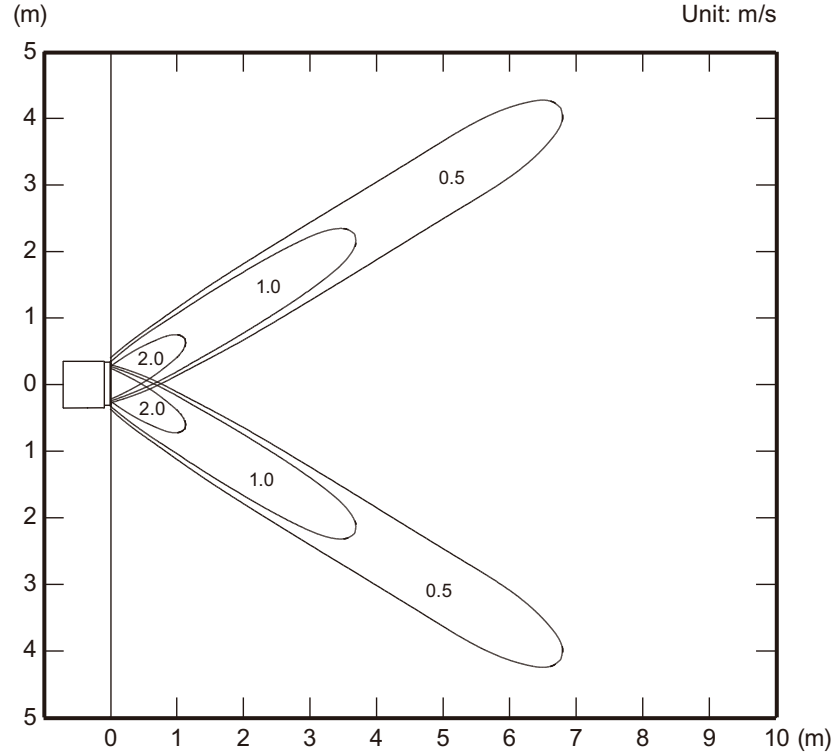
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

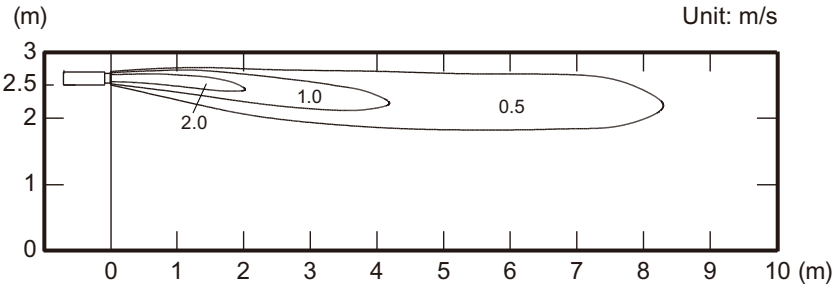
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



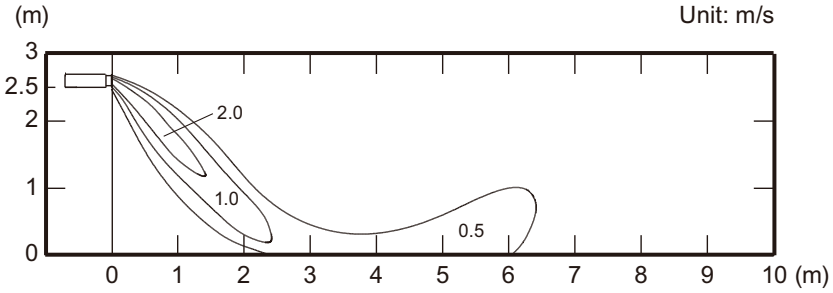


INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

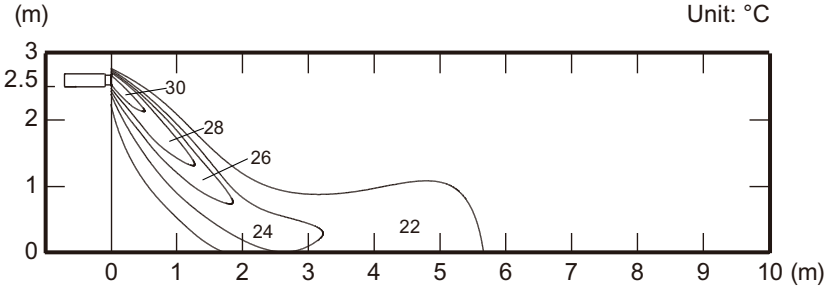
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





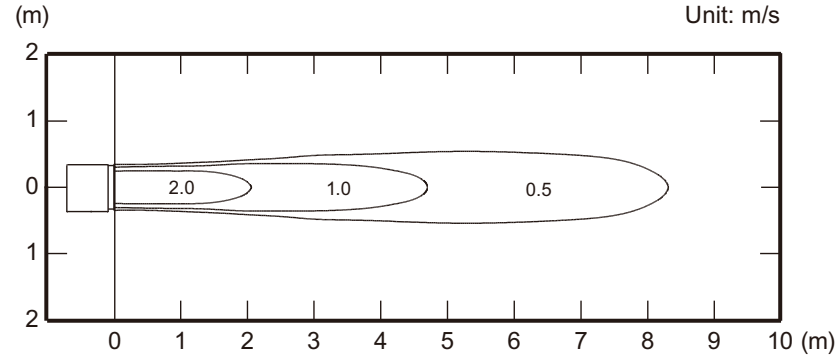
INDOOR UNITS

# ■ Model: ARXD012GLEH (with UTD-GXSA-W)

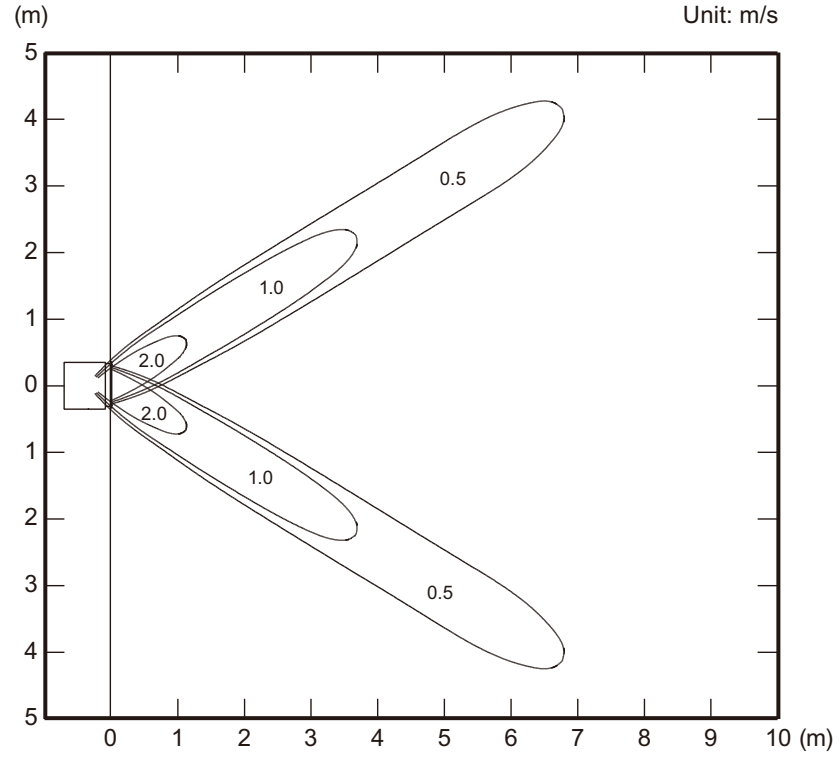
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

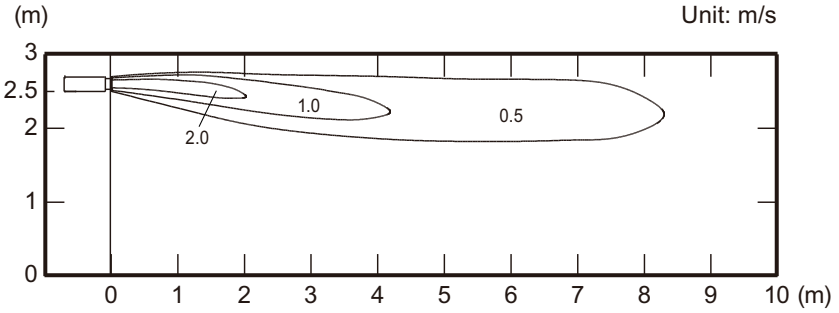
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



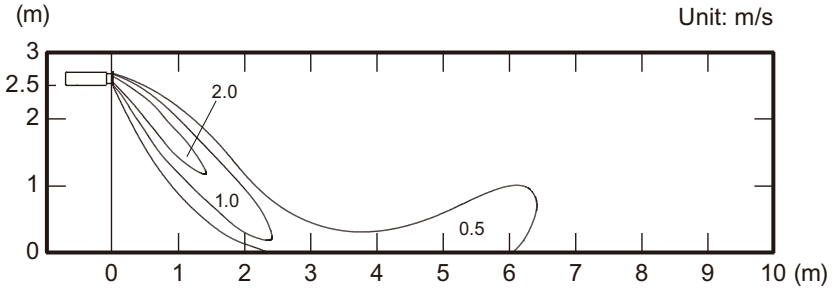



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

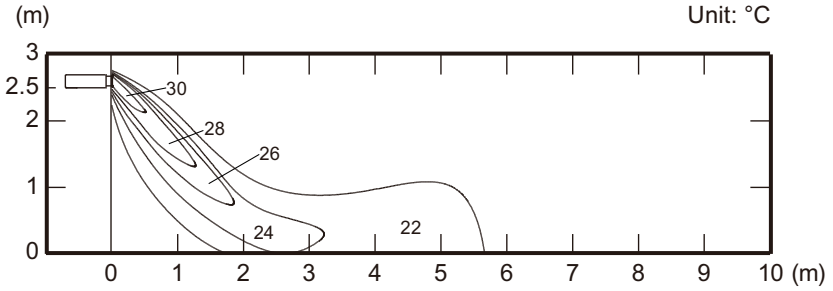
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





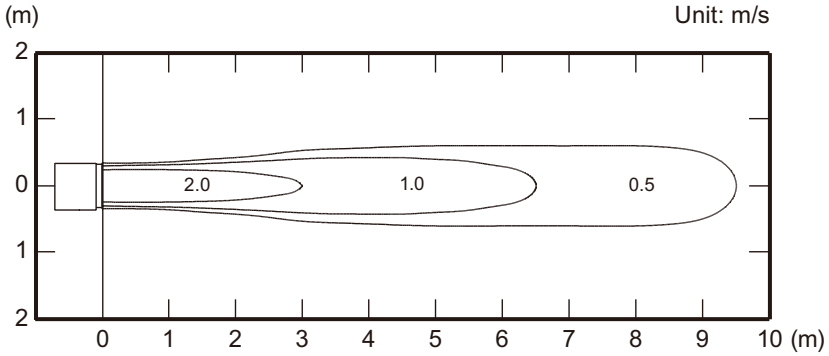
INDOOR UNITS

# ■ Model: ARXD014GLEH (with UTD-GXSA-W)

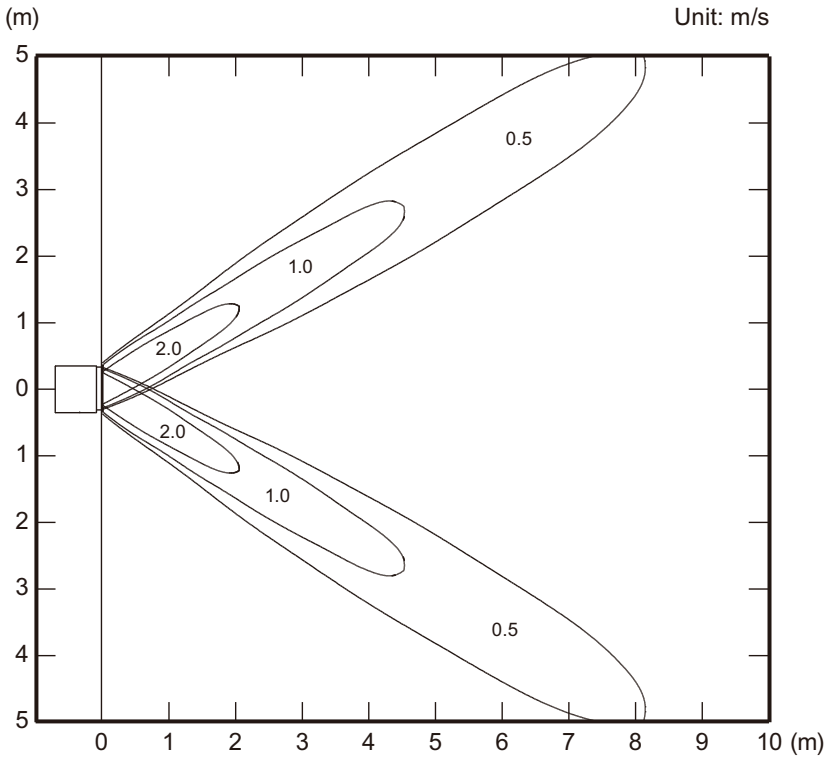
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

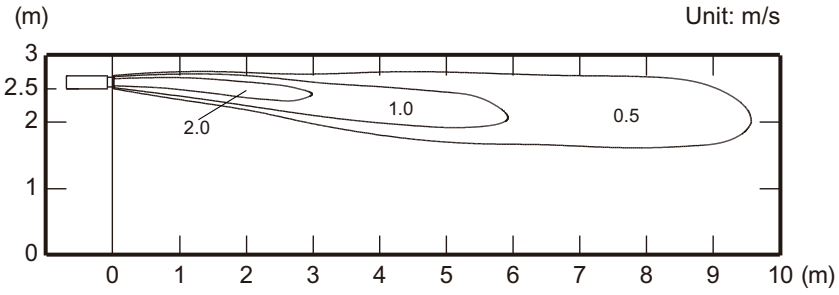
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



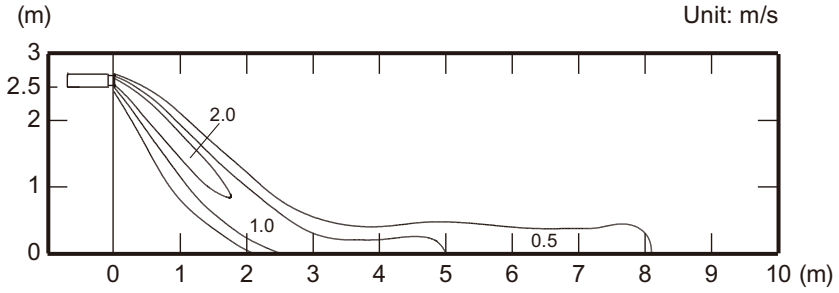



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

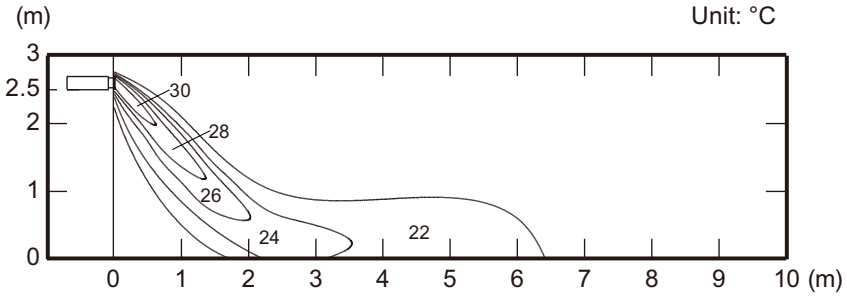
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





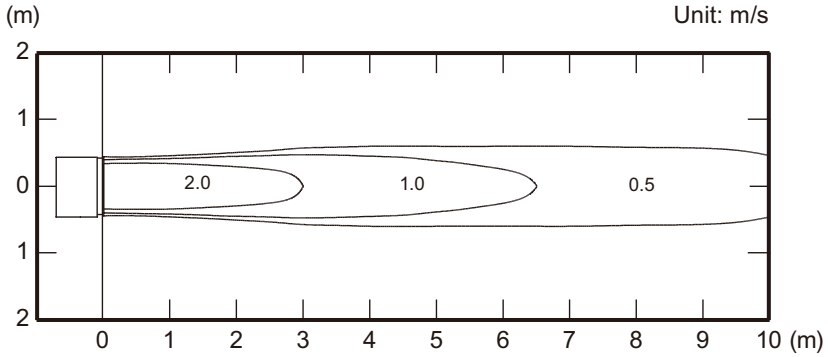
INDOOR UNITS

# ■ Model: ARXD018GLEH (with UTD-GXSB-W)

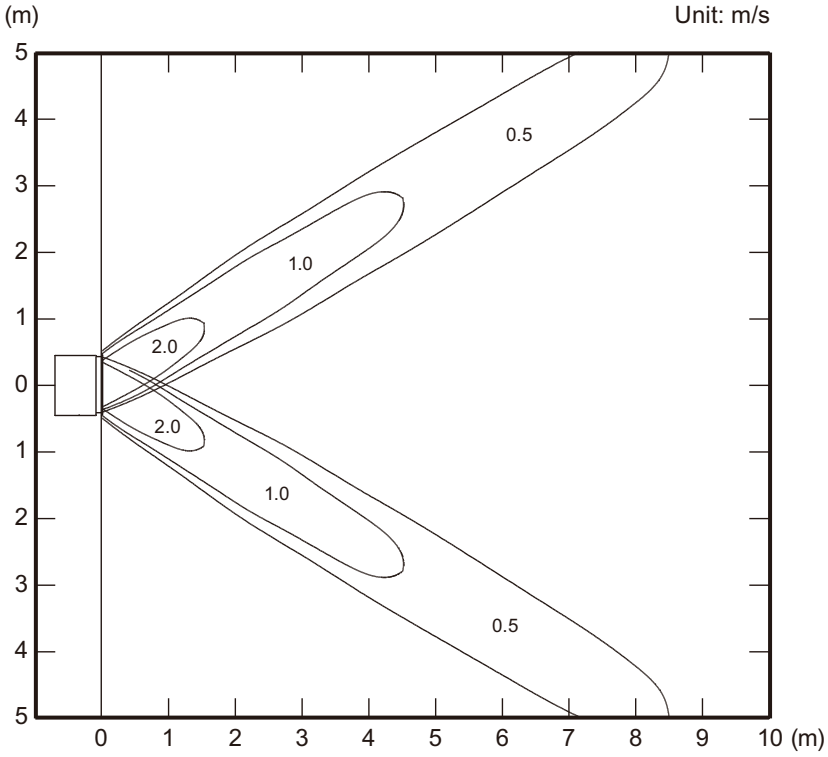
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

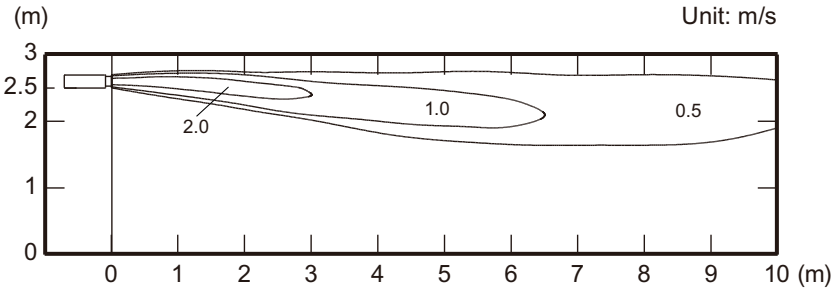
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



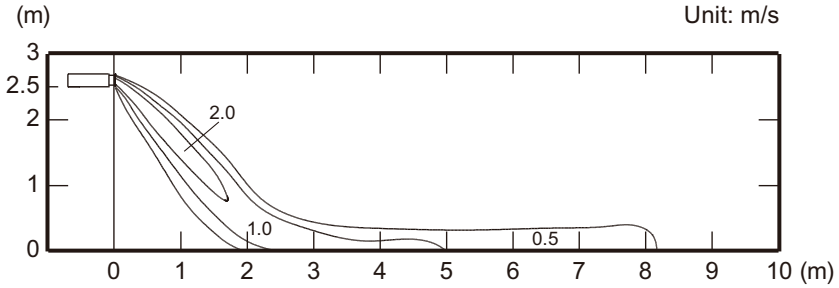



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

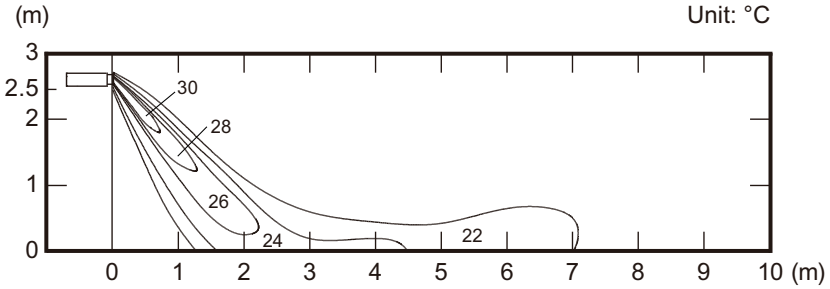
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





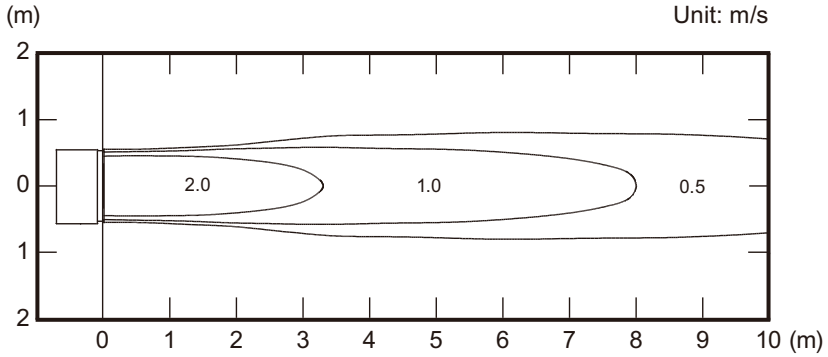
INDOOR UNITS

# ■ Model: ARXD024GLEH (with UTD-GXSC-W)

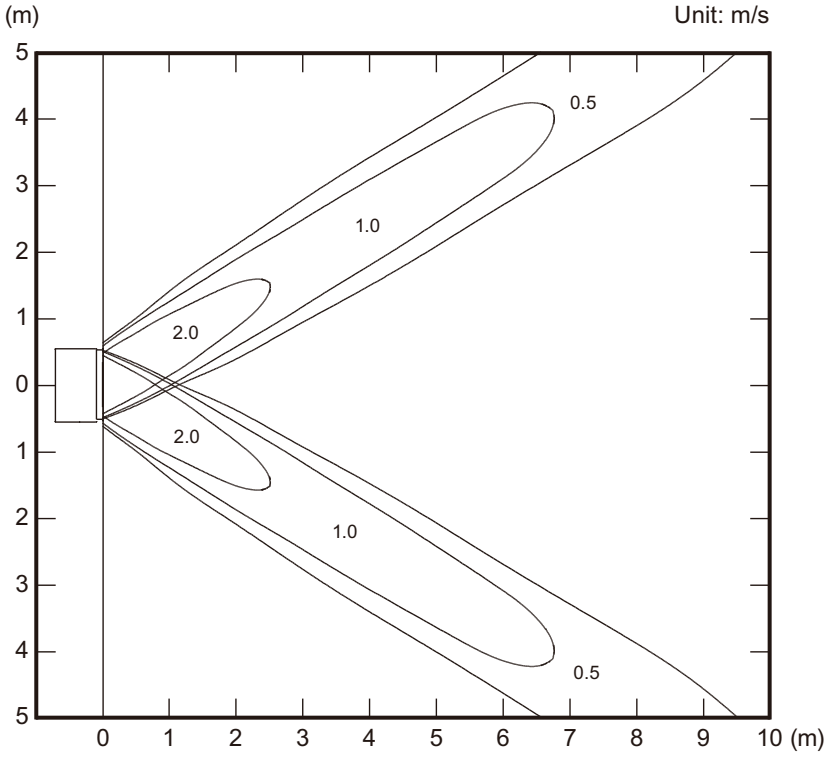
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

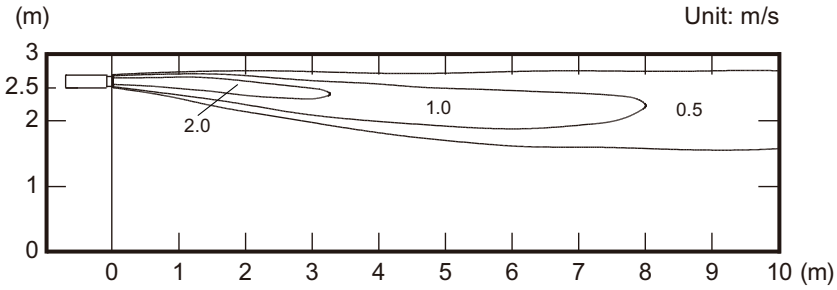
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center



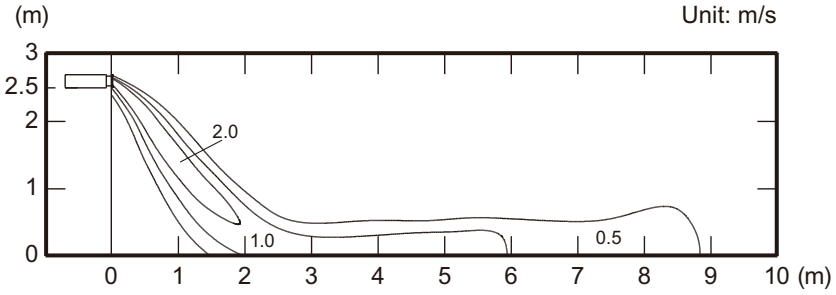



INDOOR UNITS

| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| **NOTE:** Reference data | HIGH | HEAT |

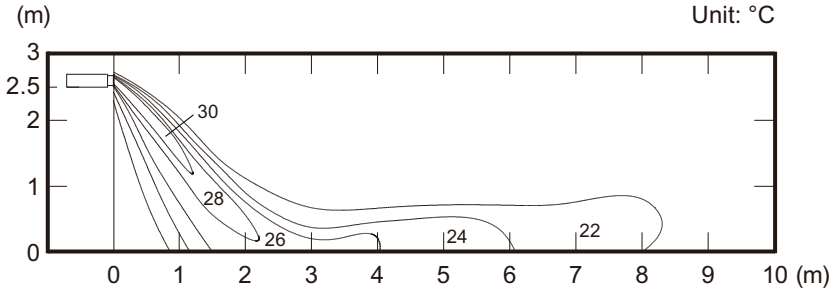
## • Air velocity distribution

Side view
Horizontal louver: Down
Vertical louver: Center




## • Air temperature distribution

Side view
Horizontal louver: Down
Vertical louver: Center





INDOOR UNITS

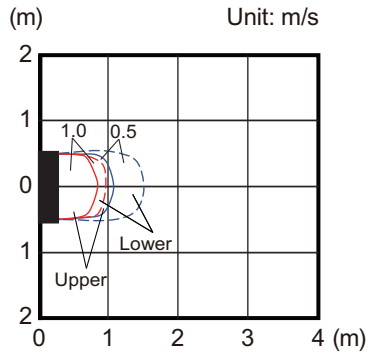
# 6-8. Compact floor type

## ■ Models: AG∗A004GCGH and AG∗E004GCEH

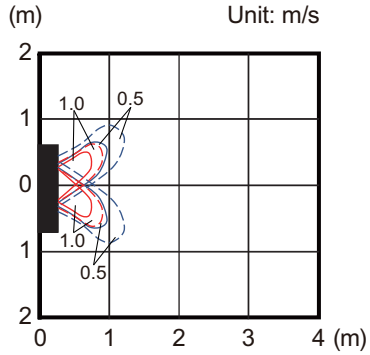
| Measuring conditions | Fan speed | Operation mode | Fan select |
|---|---|---|---|
| | HIGH | FAN | Upper & Lower |

- **Air velocity distribution**

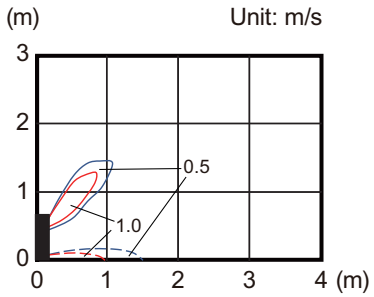
Top view
Horizontal louver: Up
Vertical louver: Center



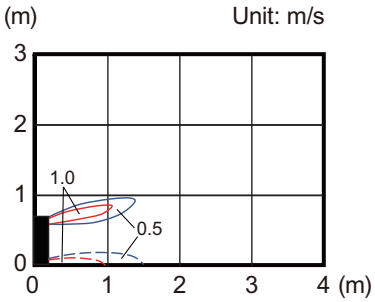

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center





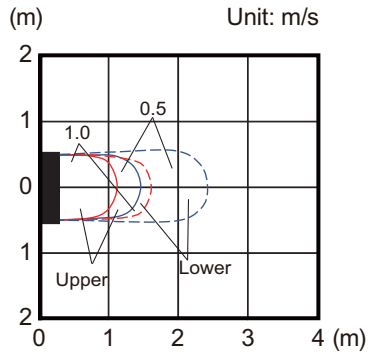
INDOOR UNITS

# ■ Models: AG∗A007GCGH, AG∗A009GCGH, AG∗E007GCEH, and AG∗E009GCEH

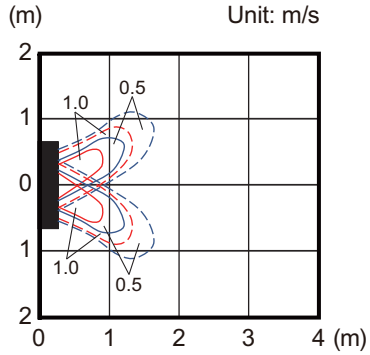
| Measuring conditions | Fan speed | Operation mode | Fan select |
|---|---|---|---|
| | HIGH | FAN | Upper & Lower |

## • Air velocity distribution

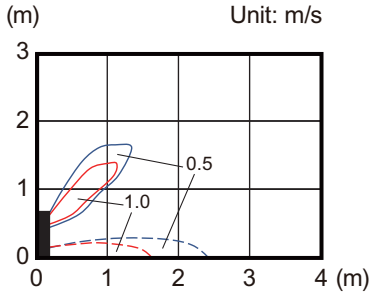
Top view
Horizontal louver: Up
Vertical louver: Center



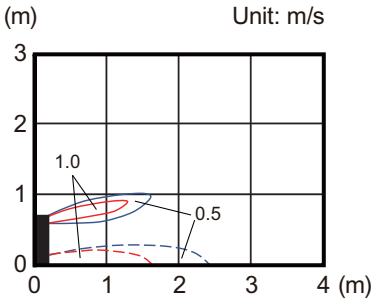

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center





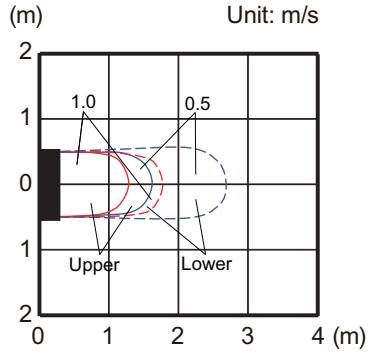
INDOOR UNITS

# ■ Models: AG∗A012GCGH and AG∗E012GCEH

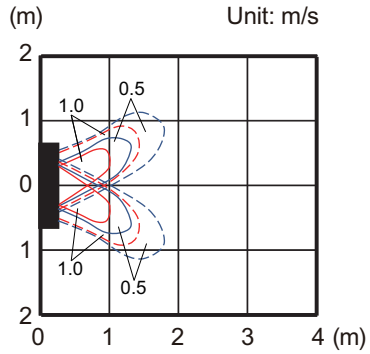
| Measuring conditions | Fan speed | Operation mode | Fan select |
|---|---|---|---|
| | HIGH | FAN | Upper & Lower |

## • Air velocity distribution

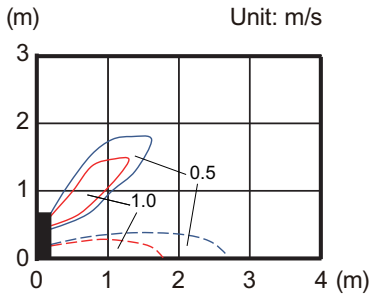
Top view
Horizontal louver: Up
Vertical louver: Center



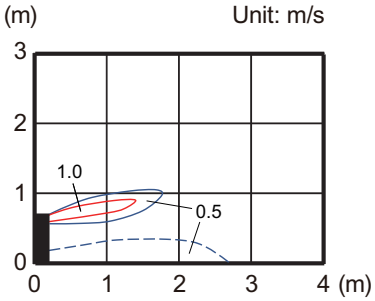

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center





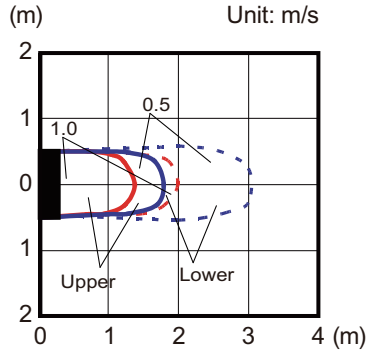
INDOOR UNITS

# ■ Models: AG∗A014GCGH and AG∗E014GCEH

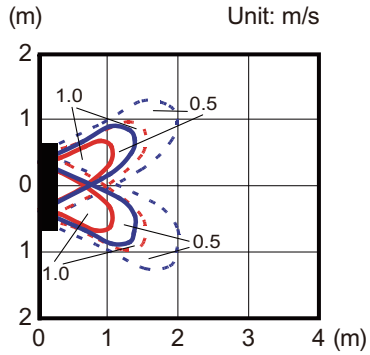
| Measuring conditions | Fan speed | Operation mode | Fan select |
|---|---|---|---|
| | HIGH | FAN | Upper & Lower |

## • Air velocity distribution

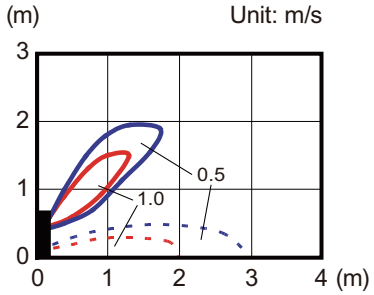
Top view
Horizontal louver: Up
Vertical louver: Center



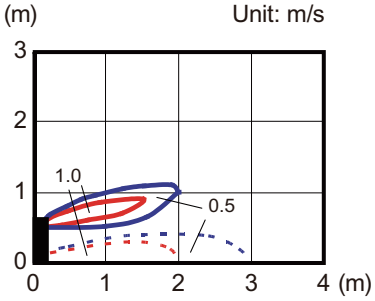

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center





INDOOR UNITS

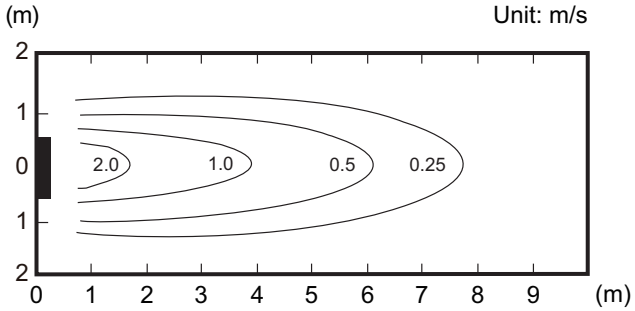
# 6-9. Floor/Ceiling type

## ■ Models: AB∗A012GTEH and AB∗A014GTEH (Floor console)

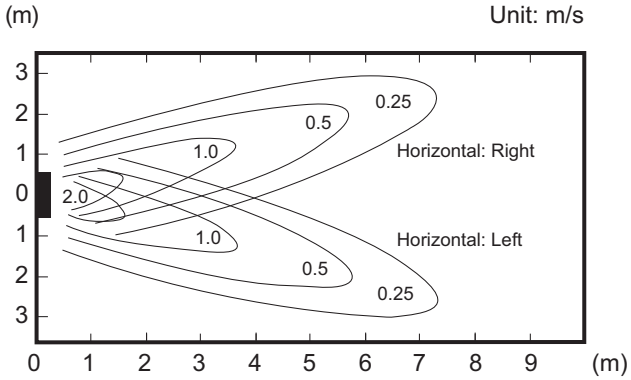
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

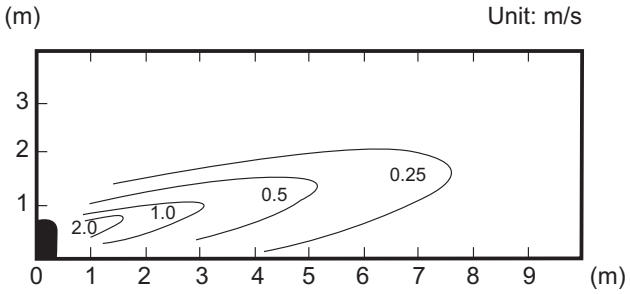
Top view
Horizontal louver: Down
Vertical louver: Center



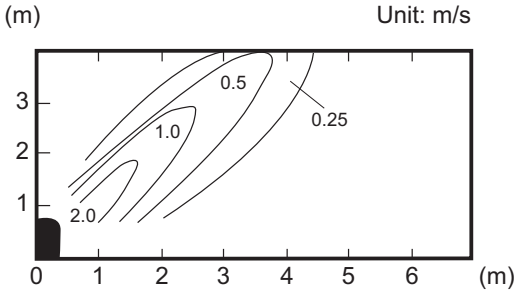

Top view
Horizontal louver: Down
Vertical louver: Left & Right



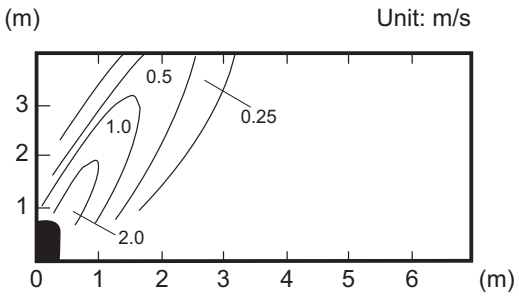

Side view
Horizontal louver: Down
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center




Side view
Horizontal louver: Up
Vertical louver: Center





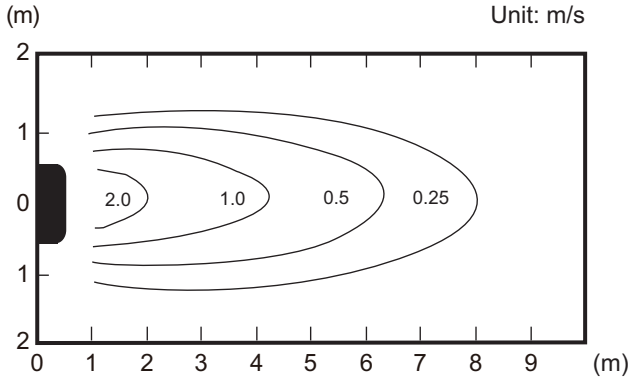
INDOOR UNITS

# ■ Models: AB∗A012GTEH and AB∗A014GTEH (Under ceiling)

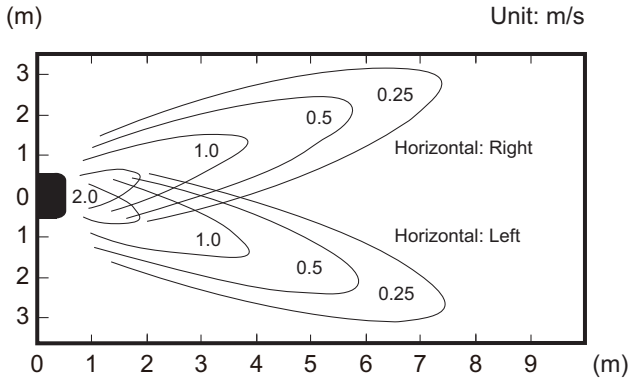
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

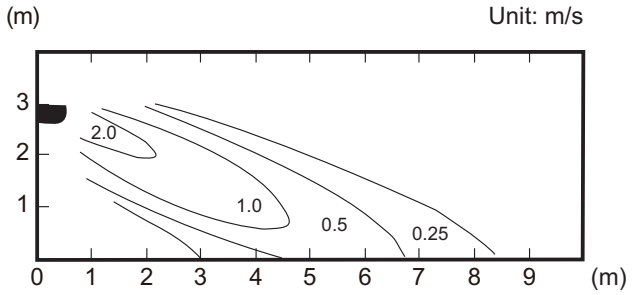
Top view
Horizontal louver: Up
Vertical louver: Center



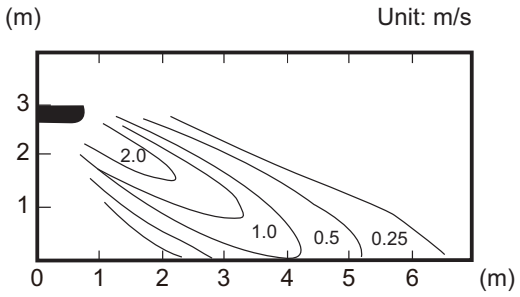

Top view
Horizontal louver: Up
Vertical louver: Left & Right



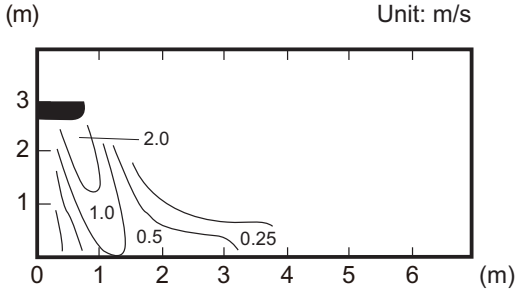

Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





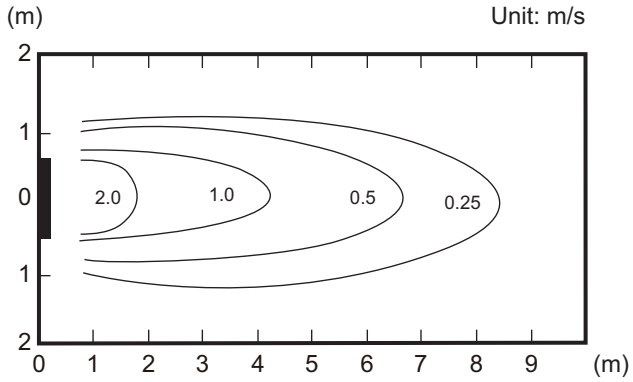

INDOOR UNITS

# ■ Model: AB∗A018GTEH (Floor console)

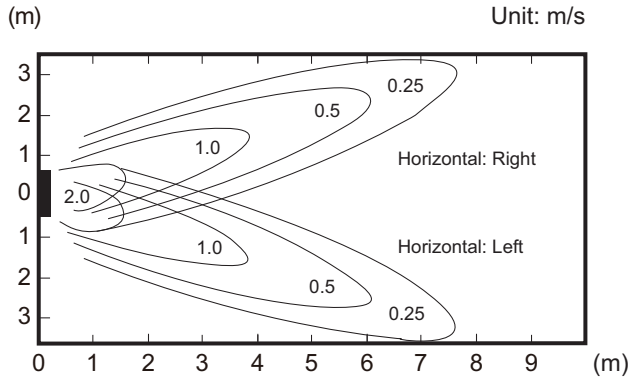
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

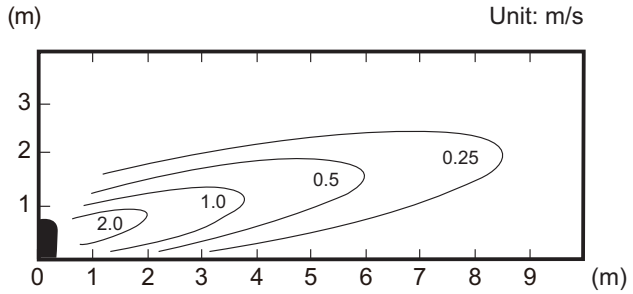
Top view
Horizontal louver: Down
Vertical louver: Center



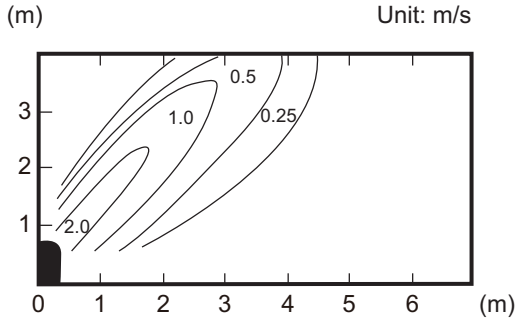

Top view
Horizontal louver: Down
Vertical louver: Left & Right



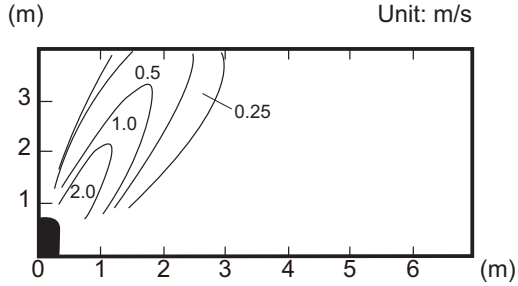

Side view
Horizontal louver: Down
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center




Side view
Horizontal louver: Up
Vertical louver: Center





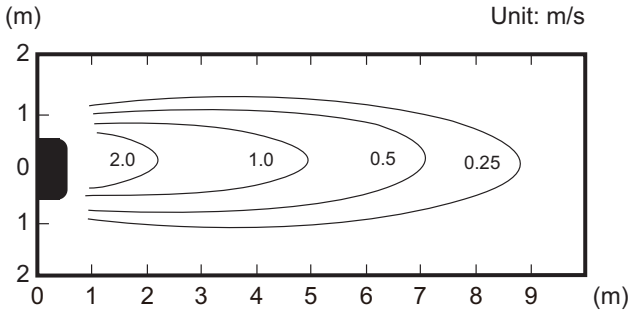

INDOOR UNITS

# ■ Model: AB∗A018GTEH (Under ceiling)

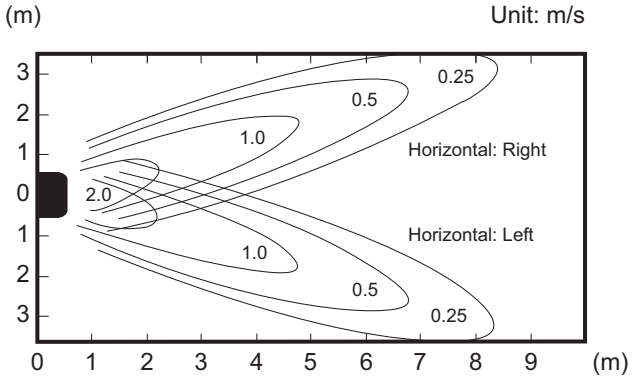
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

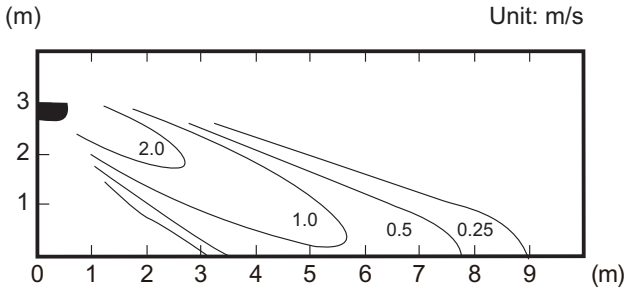
Top view
Horizontal louver: Up
Vertical louver: Center



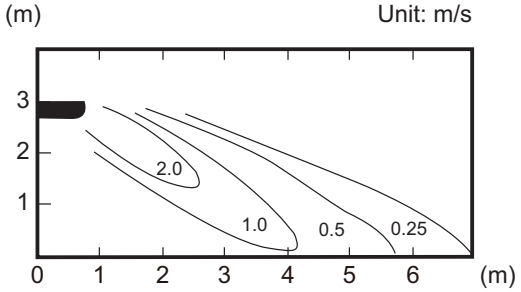

Top view
Horizontal louver: Up
Vertical louver: Left & Right



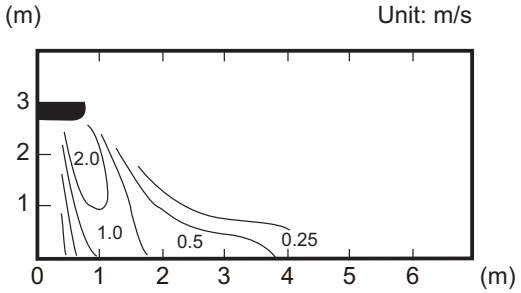

Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





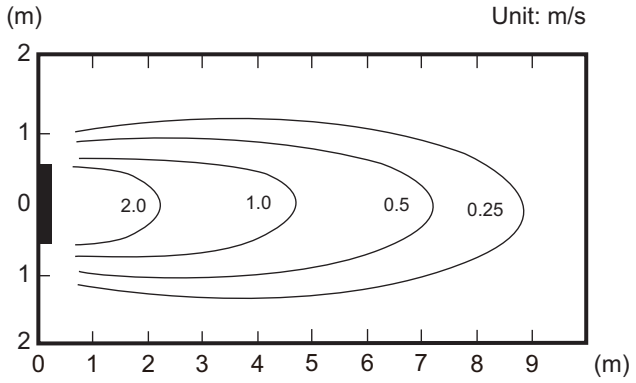

INDOOR UNITS

# ■ Model: AB∗A024GTEH (Floor console)

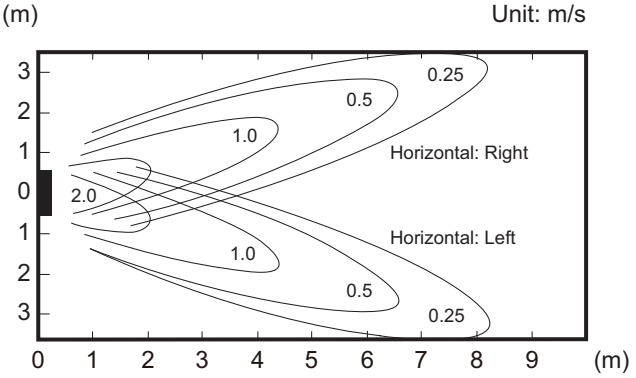
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

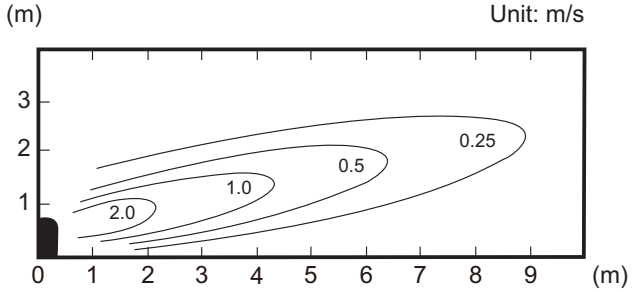
Top view
Horizontal louver: Down
Vertical louver: Center



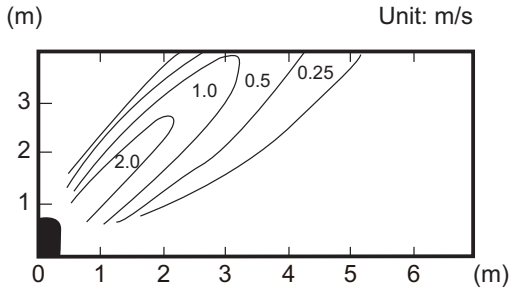

Top view
Horizontal louver: Down
Vertical louver: Left & Right



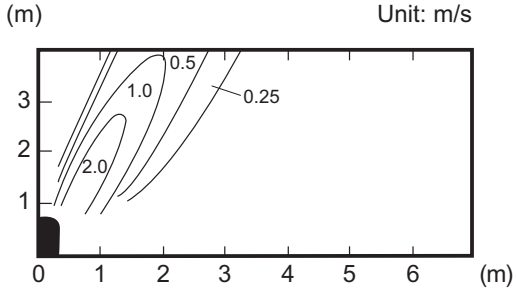

Side view
Horizontal louver: Down
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center




Side view
Horizontal louver: Up
Vertical louver: Center





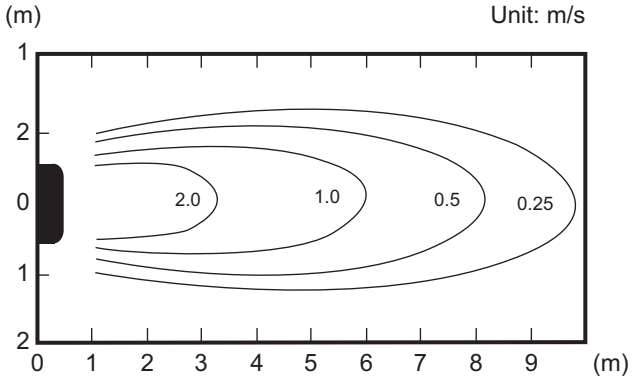
INDOOR UNITS

# ■ Model: AB∗A024GTEH (Under ceiling)

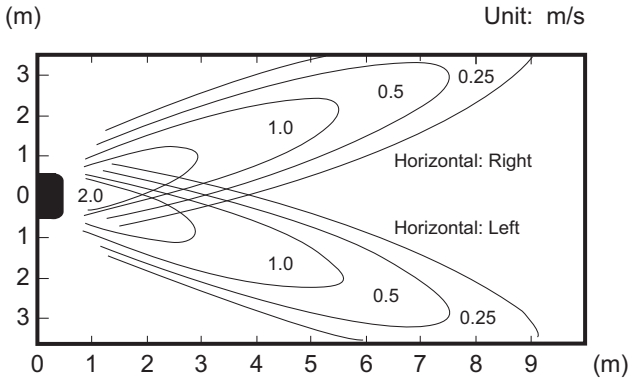
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

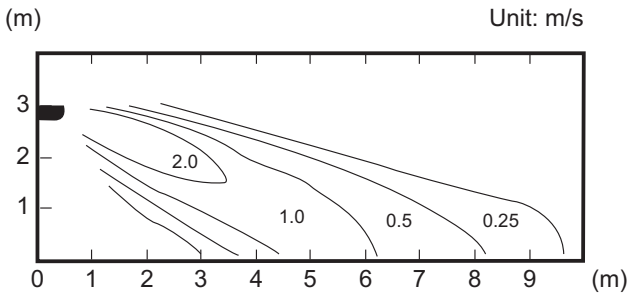
Top view
Horizontal louver: Up
Vertical louver: Center



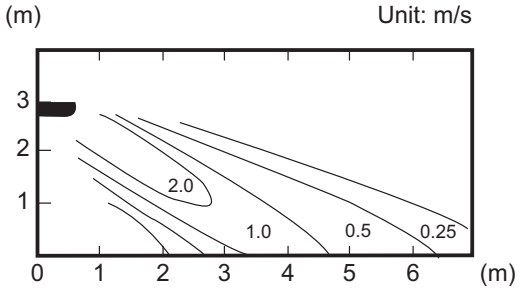

Top view
Horizontal louver: Up
Vertical louver: Left & Right



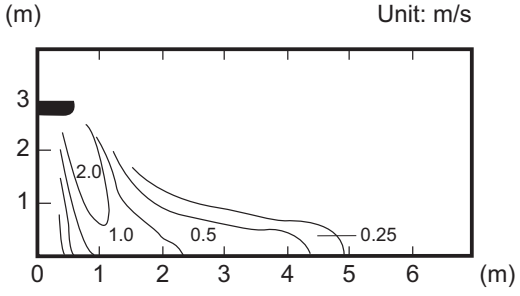

Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





INDOOR UNITS

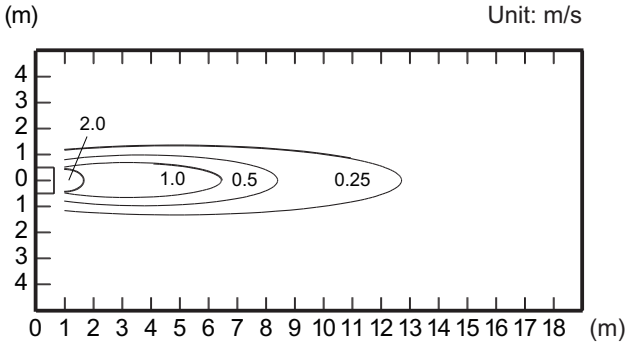
# 6-10. Ceiling type

## ■ Model: AB∗A030GTEH

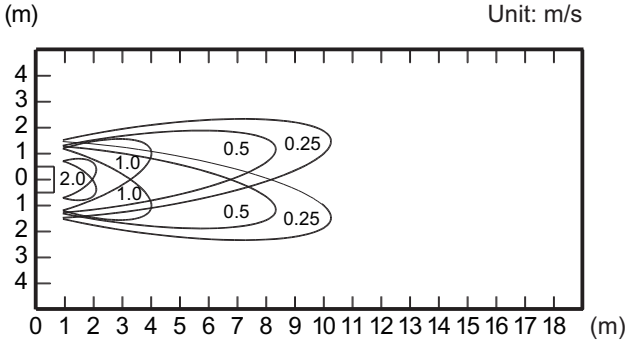
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

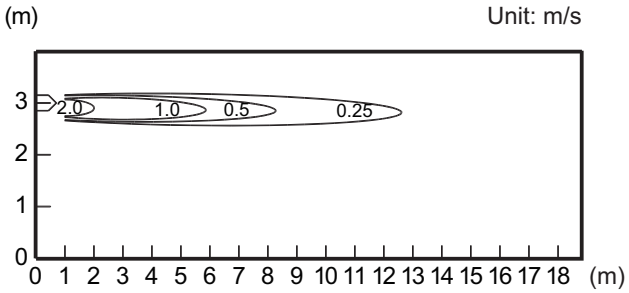
Top view
Horizontal louver: Up
Vertical louver: Center



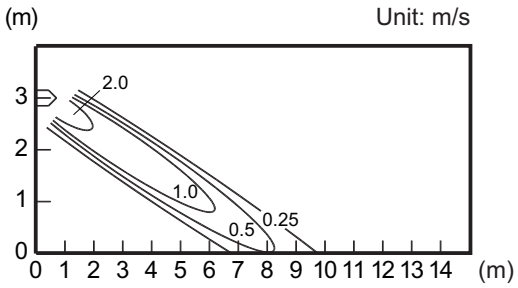

Top view
Horizontal louver: Up
Vertical louver: Left & Right



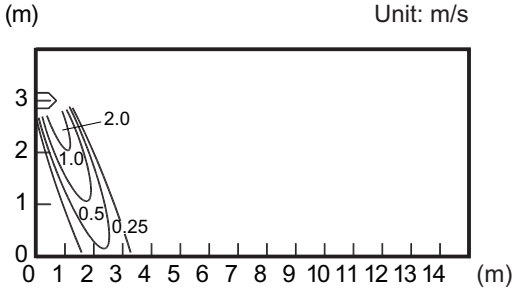

Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





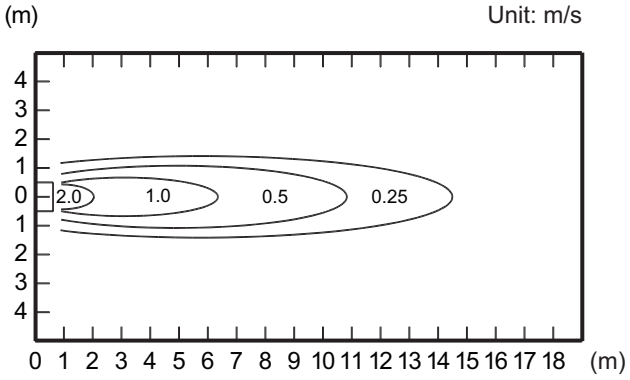
INDOOR UNITS

# ■ Model: AB∗A036GTEH

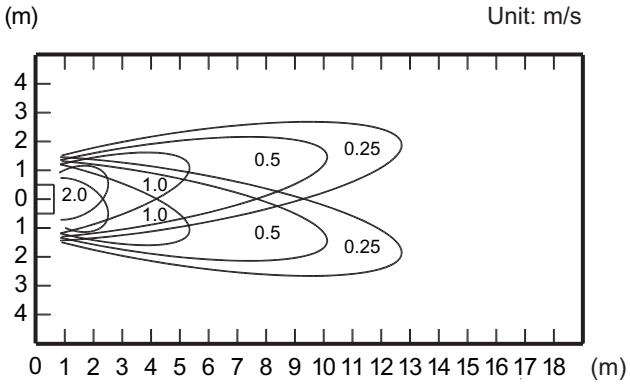
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

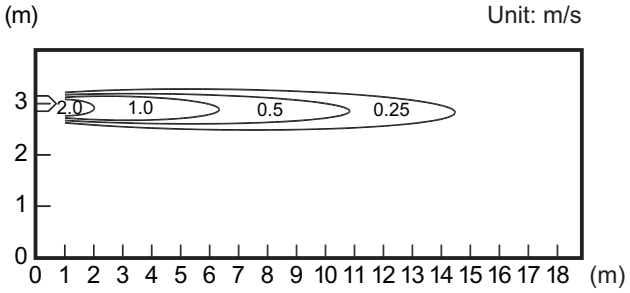
Top view
Horizontal louver: Up
Vertical louver: Center



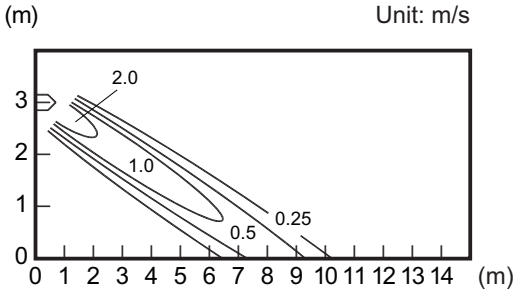

Top view
Horizontal louver: Up
Vertical louver: Left & Right



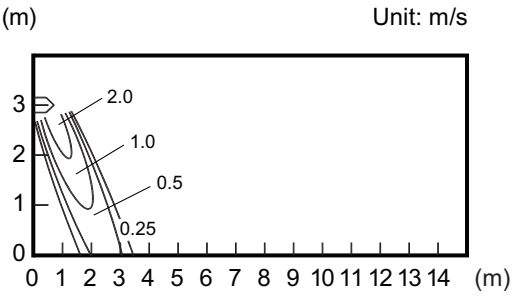

Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





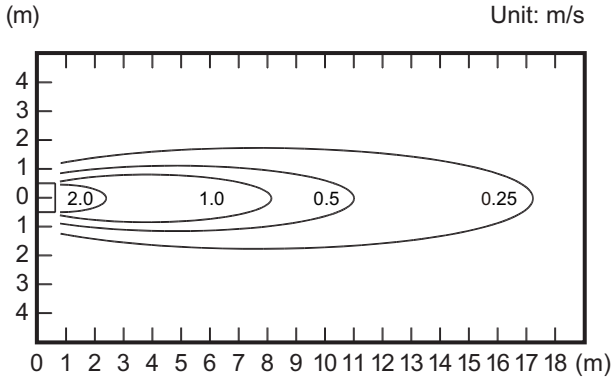
INDOOR UNITS

# ■ Model: AB∗A045GTEH

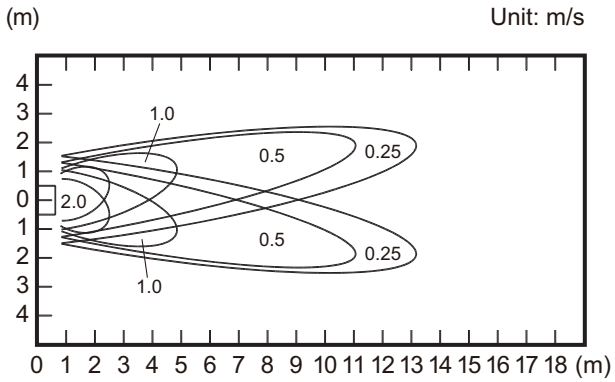
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

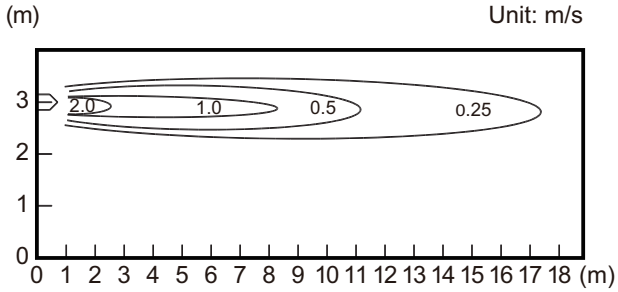
Top view
Horizontal louver: Up
Vertical louver: Center



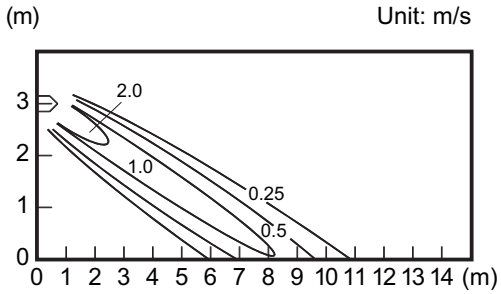

Top view
Horizontal louver: Up
Vertical louver: Left & Right



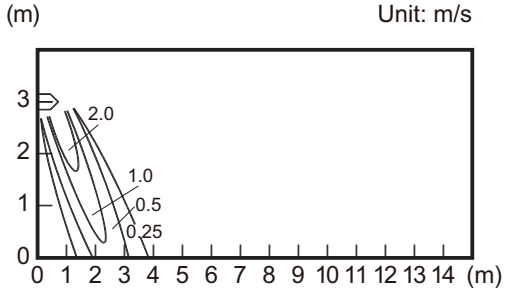

Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





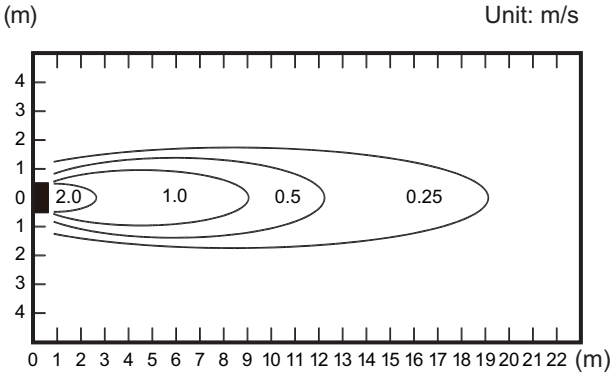
INDOOR UNITS

# ■ Model: AB∗A054GTEH

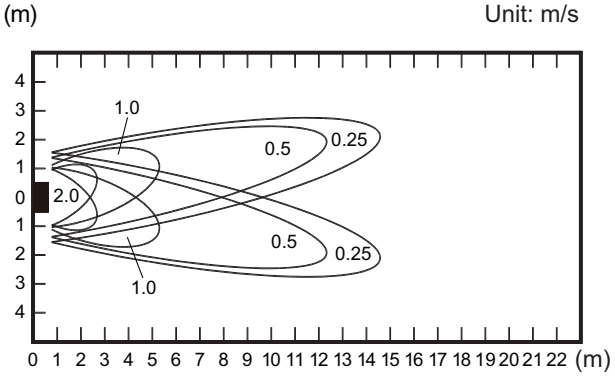
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

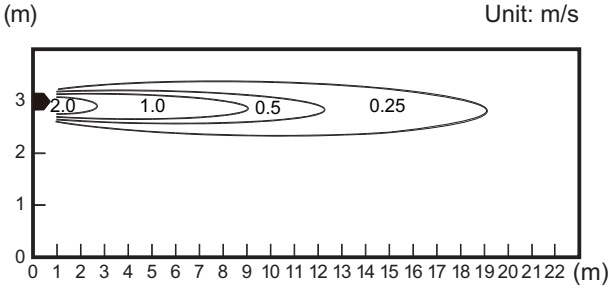
Top view
Horizontal louver: Up
Vertical louver: Center



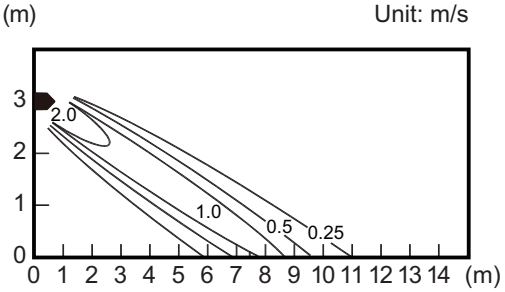

Top view
Horizontal louver: Up
Vertical louver: Left & Right



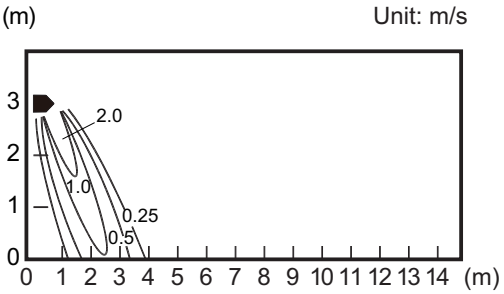

Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Center
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





INDOOR UNITS

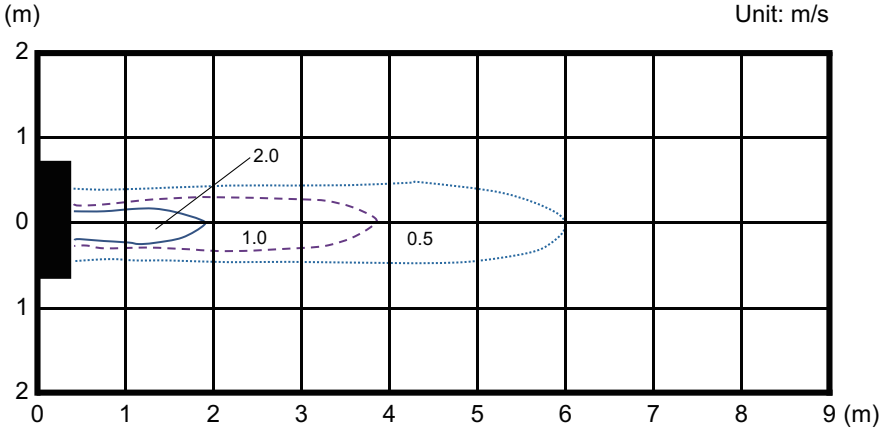
# 6-11. Wall mounted type

## ■ Models: AS∗A004GCGH and AS∗E004GCEH

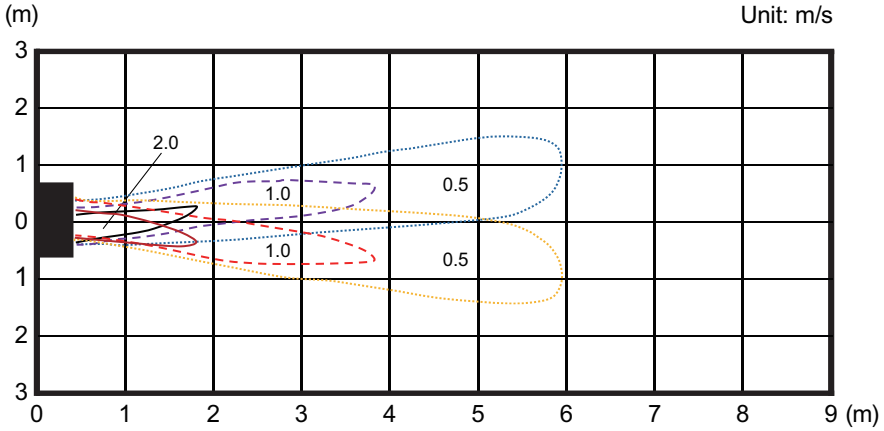
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

- **Air velocity distribution**

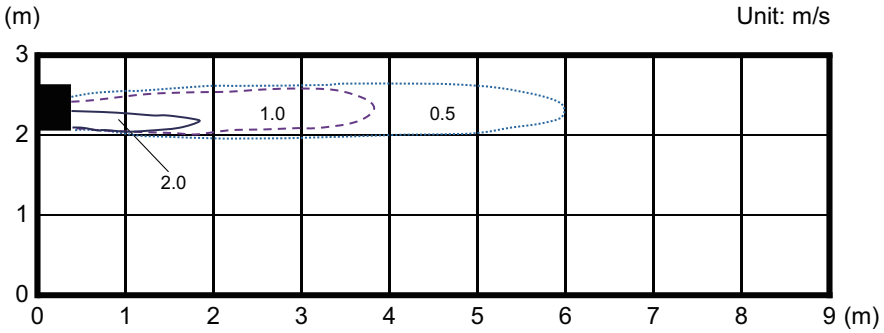
Top view
Horizontal louver: Up
Vertical louver: Center



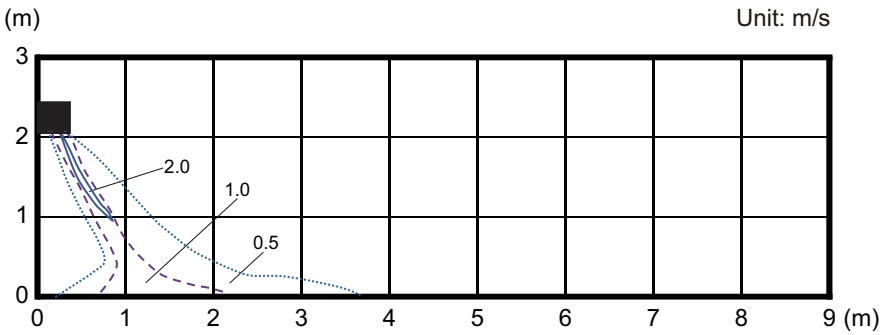

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





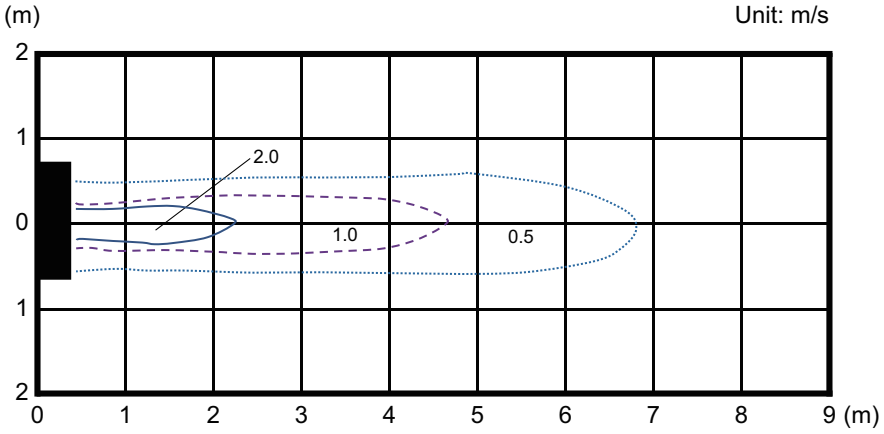
INDOOR UNITS

# ■ Models: AS∗A007GCGH and AS∗E007GCEH

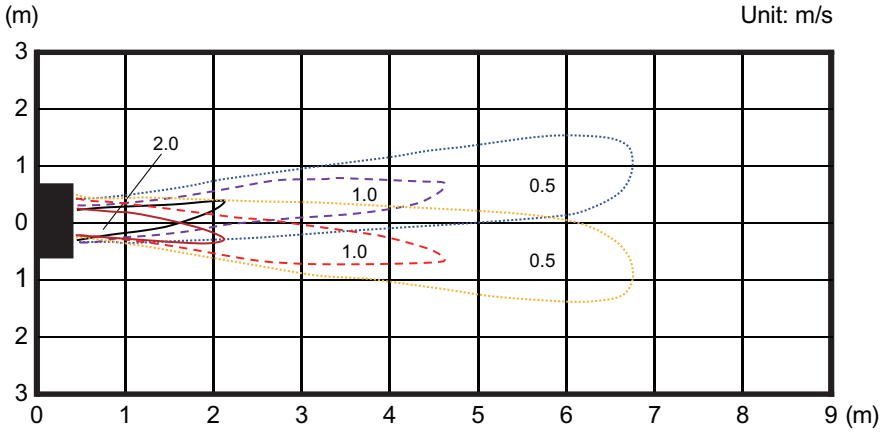
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

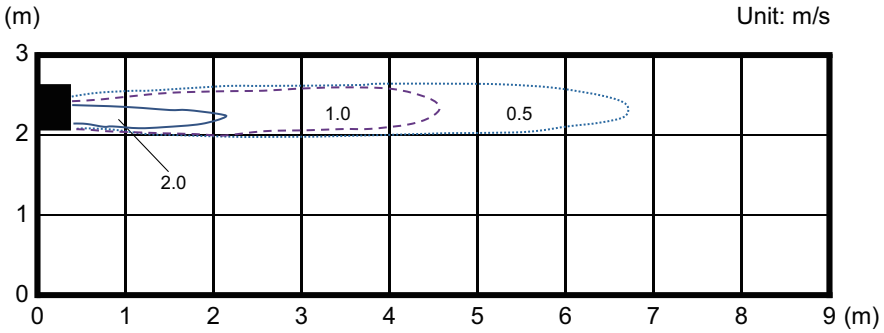
Top view
Horizontal louver: Up
Vertical louver: Center



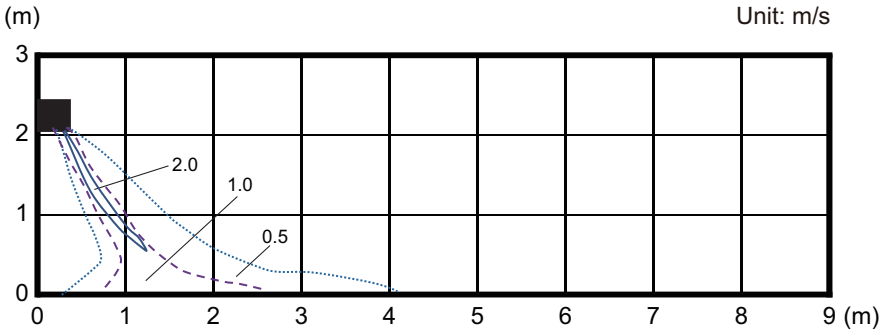

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





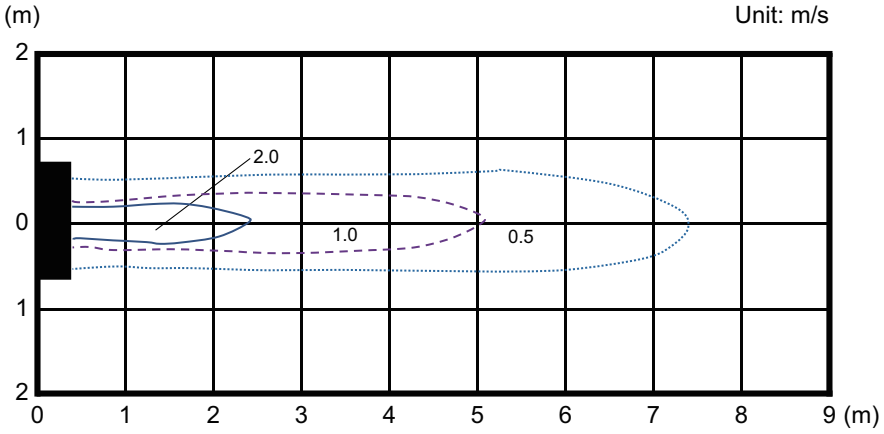

INDOOR UNITS

# ■ Models: AS∗A009GCGH and AS∗E009GCEH

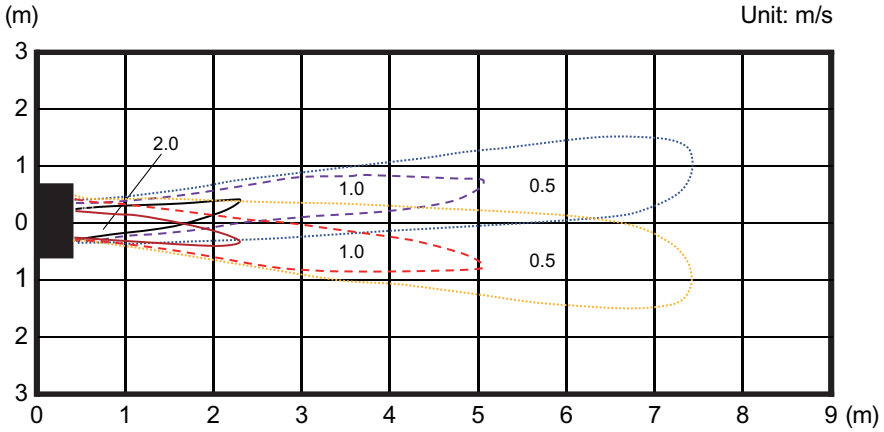
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

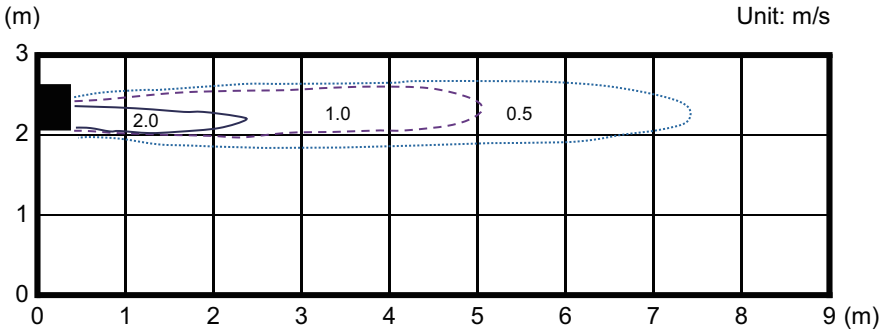
Top view
Horizontal louver: Up
Vertical louver: Center



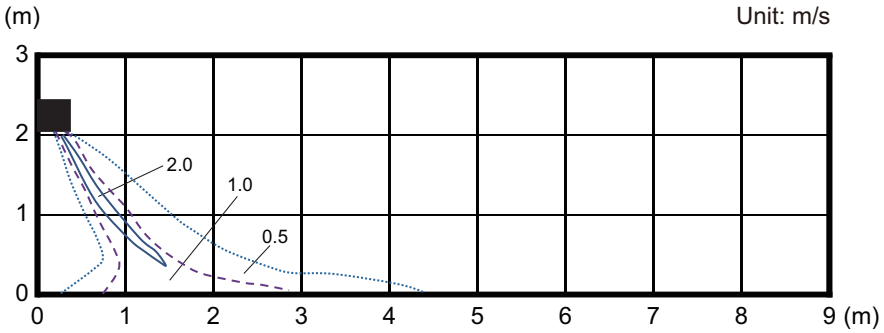

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





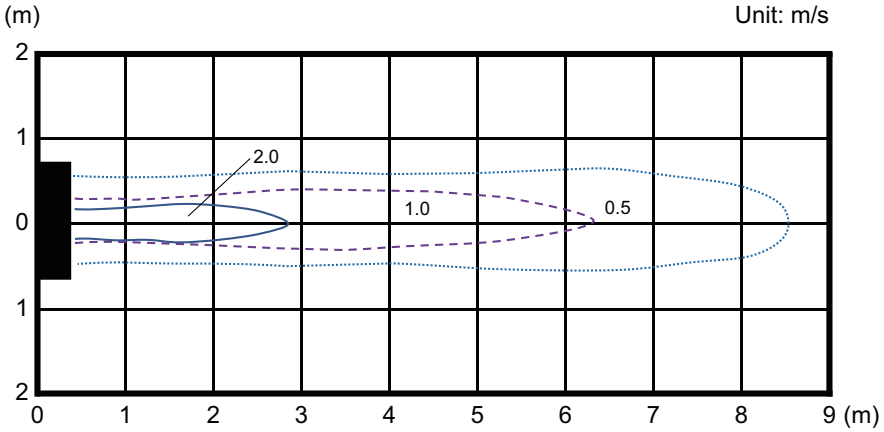
INDOOR UNITS

# ■ Models: AS∗A012GCGH and AS∗E012GCEH

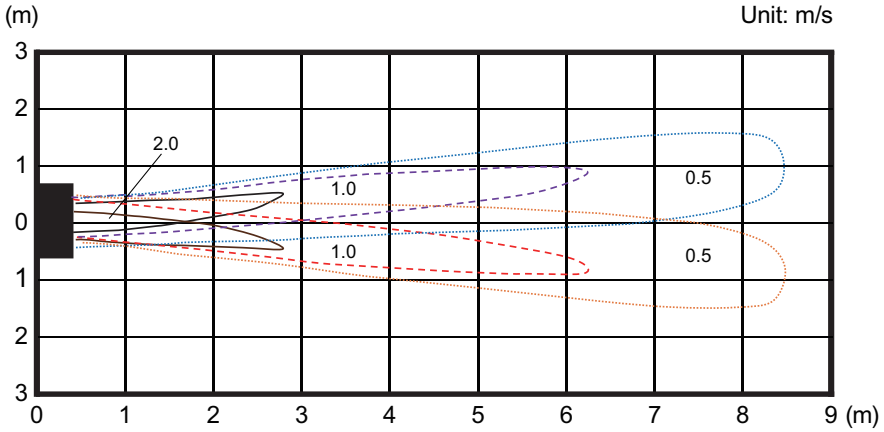
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

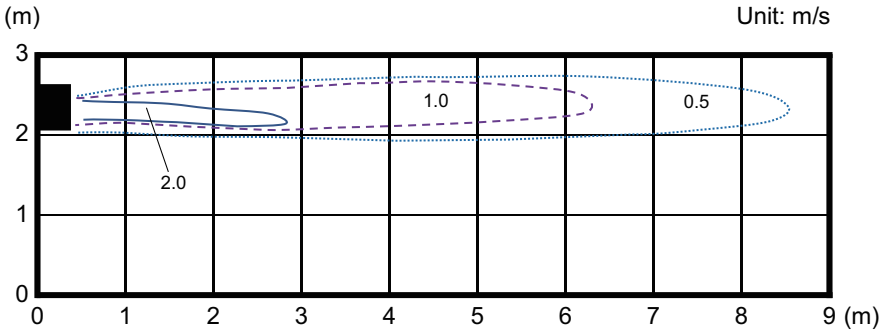
Top view
Horizontal louver: Up
Vertical louver: Center



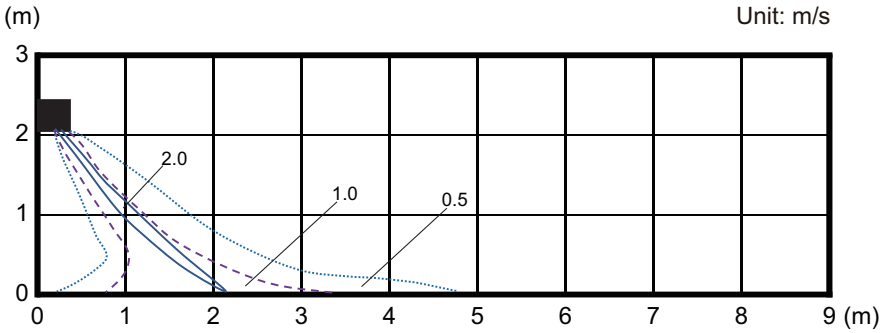

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





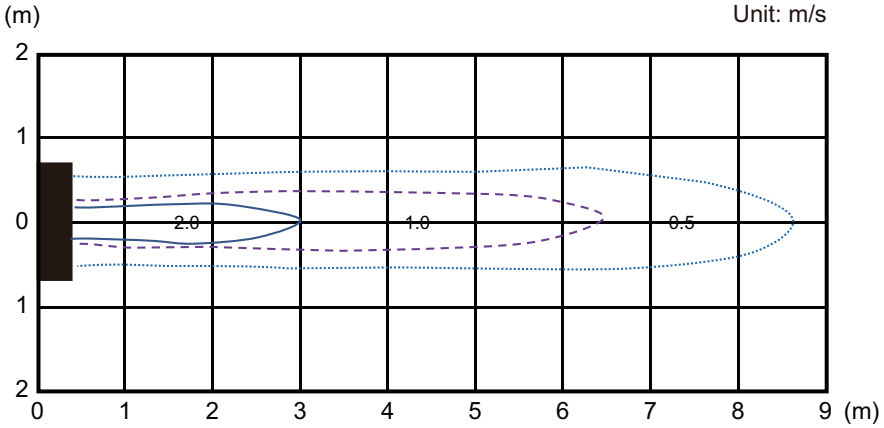
INDOOR UNITS

# ■ Models: AS∗A014GCGH and AS∗E014GCEH

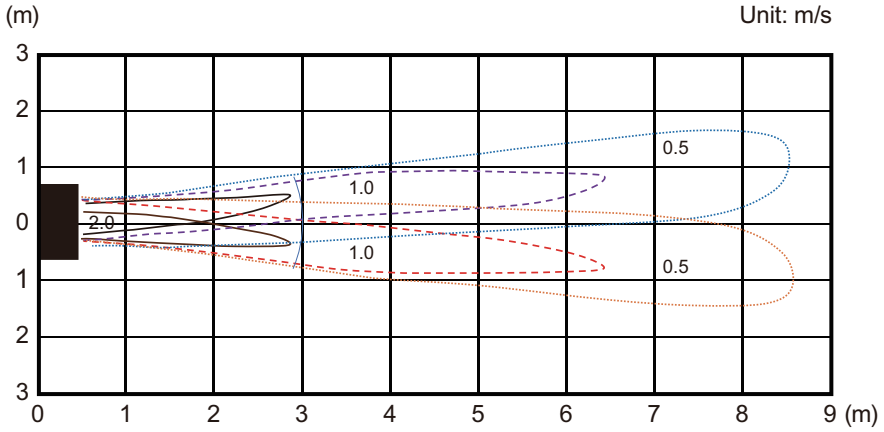
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

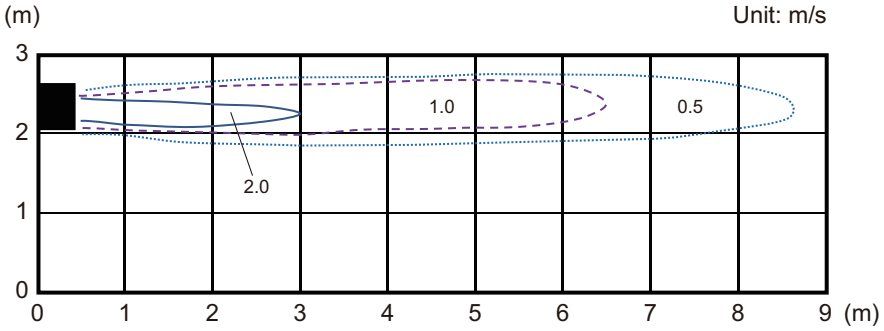
Top view
Horizontal louver: Up
Vertical louver: Center



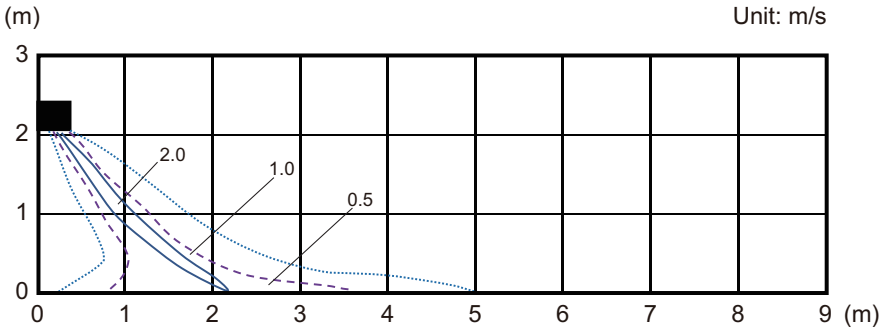

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





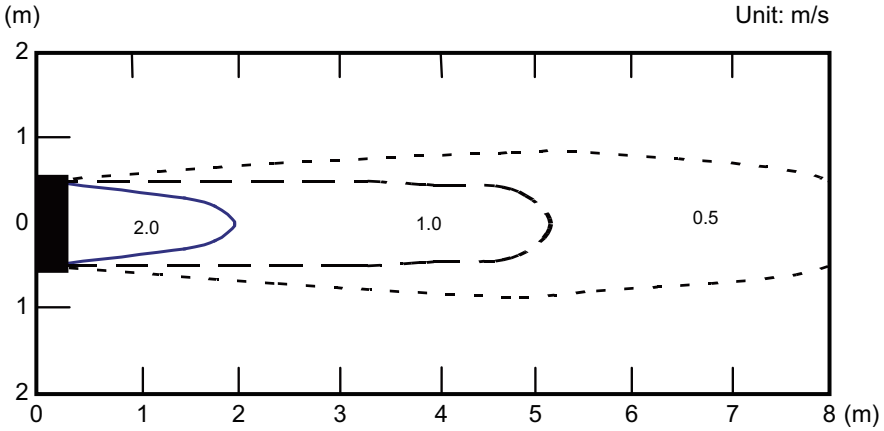

INDOOR UNITS

# ■ Model: AS∗A18GBCH

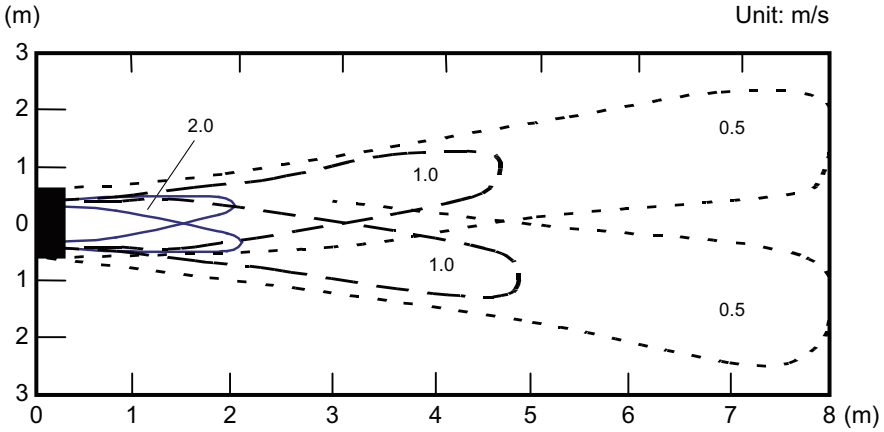
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

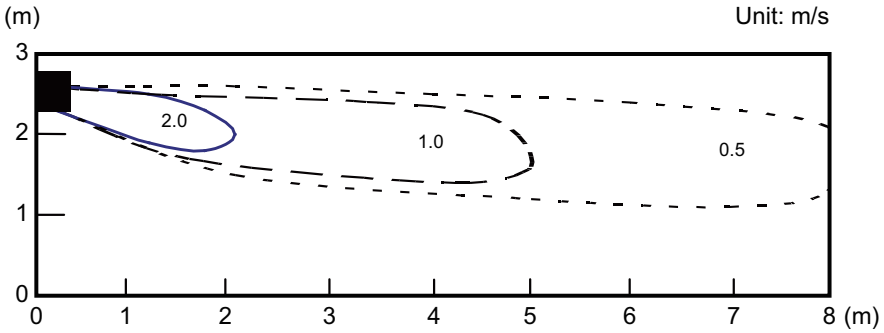
Top view
Horizontal louver: Up
Vertical louver: Center



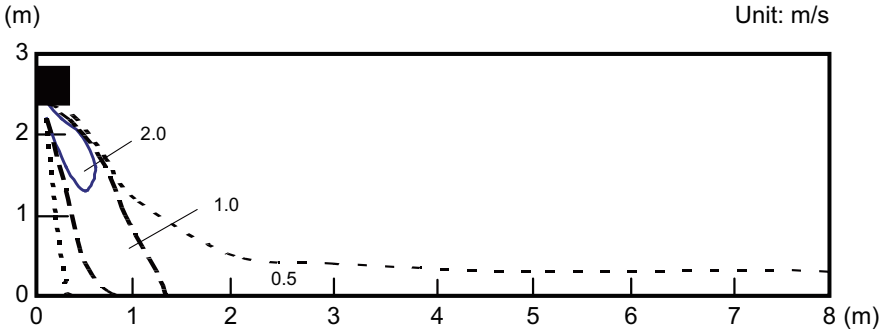

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





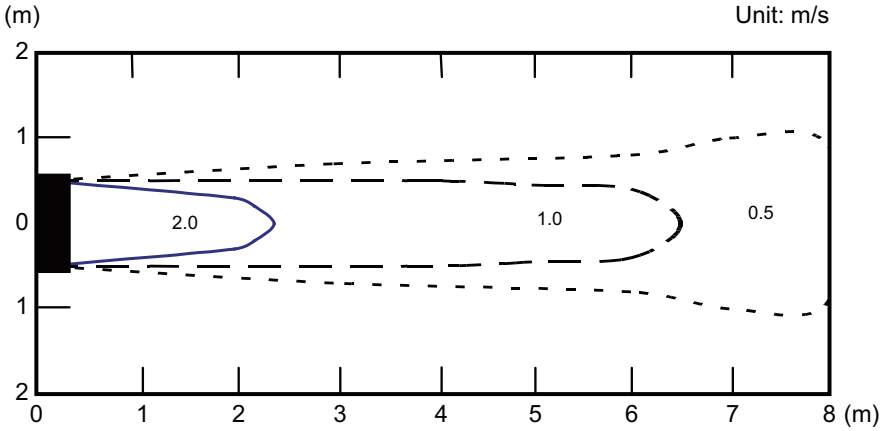
INDOOR UNITS

# ■ Model: AS∗A24GBCH

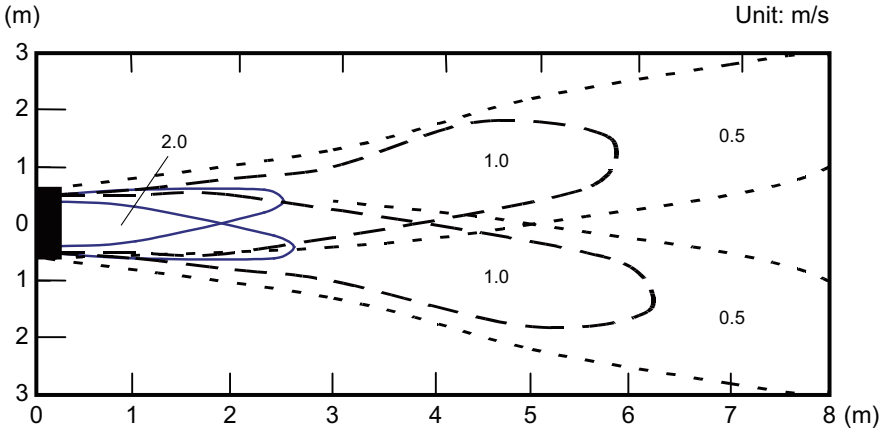
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

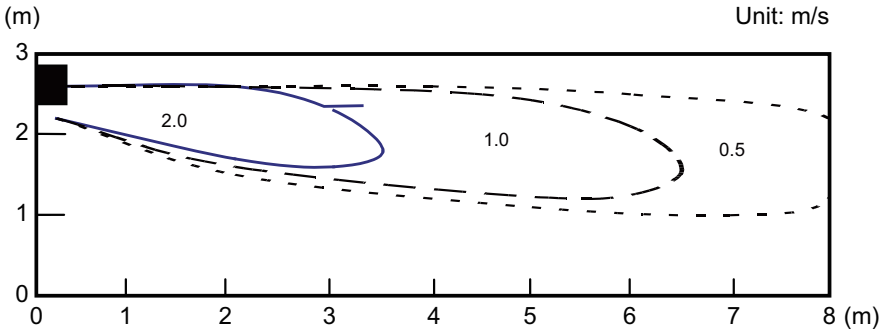
Top view
Horizontal louver: Up
Vertical louver: Center



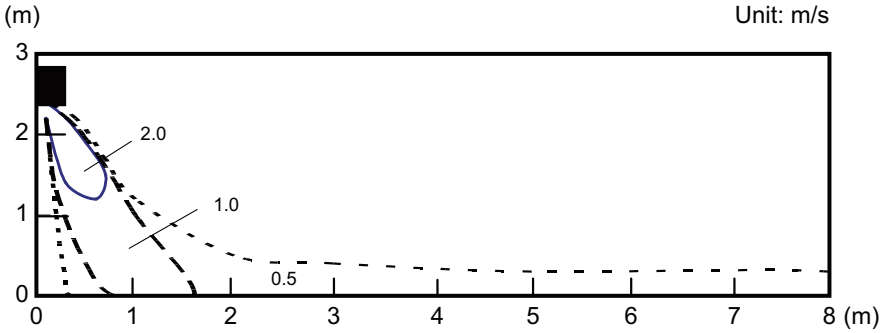

Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center




Side view
Horizontal louver: Down
Vertical louver: Center





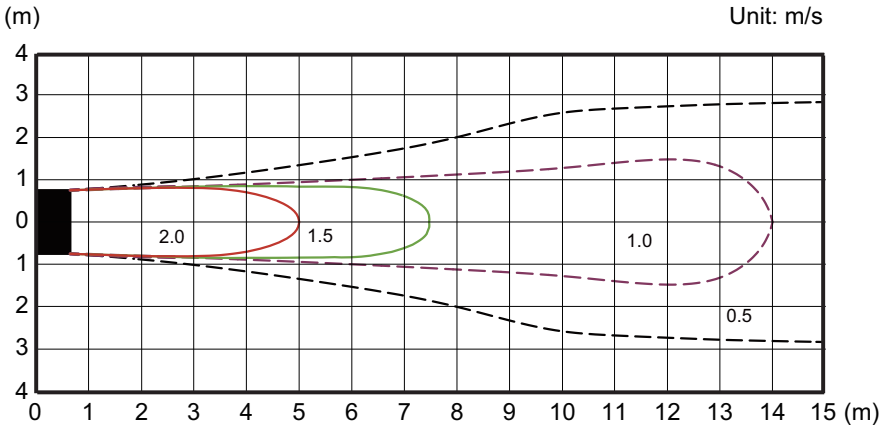
INDOOR UNITS

# ■ Model: AS∗A030GTEH

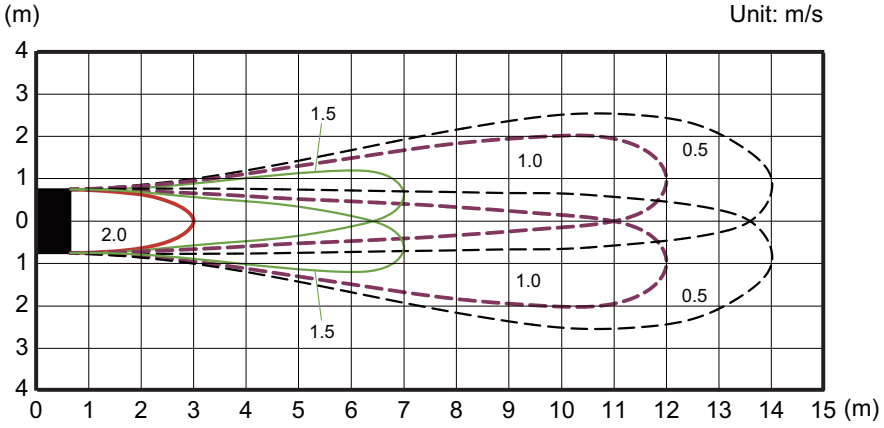
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

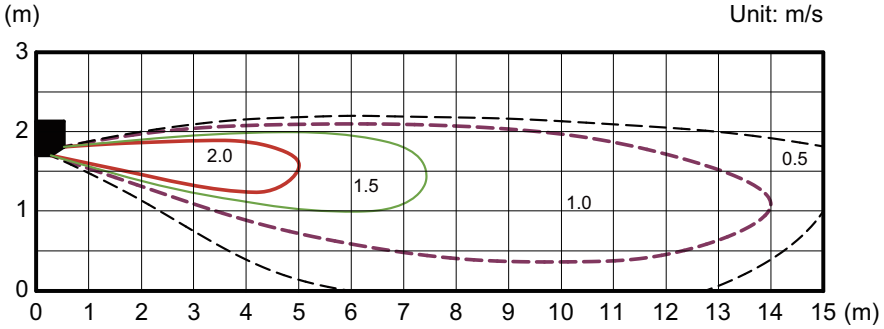
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center





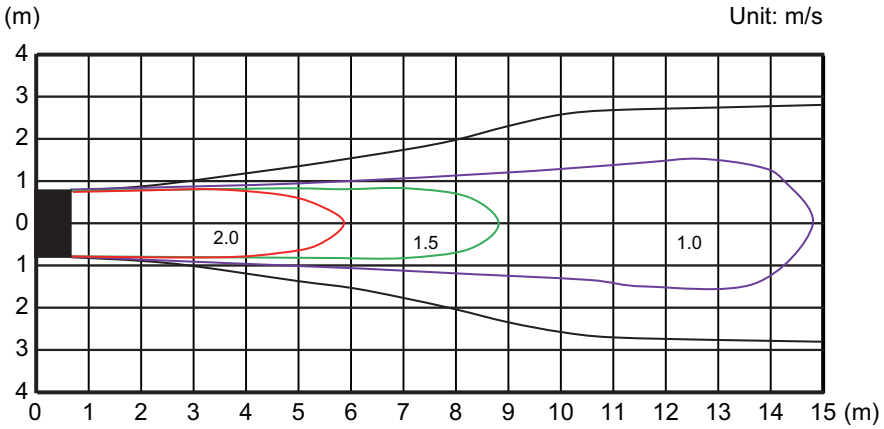

INDOOR UNITS

# ■ Model: AS∗A034GTEH

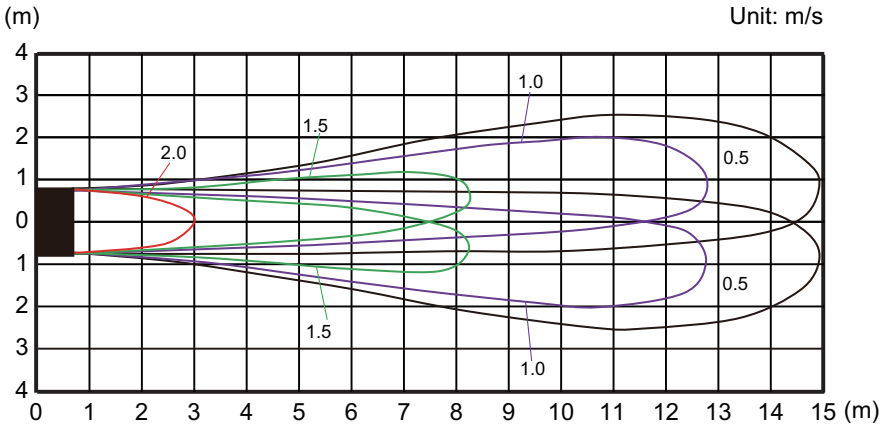
| Measuring conditions | Fan speed | Operation mode |
|---|---|---|
| | HIGH | FAN |

## • Air velocity distribution

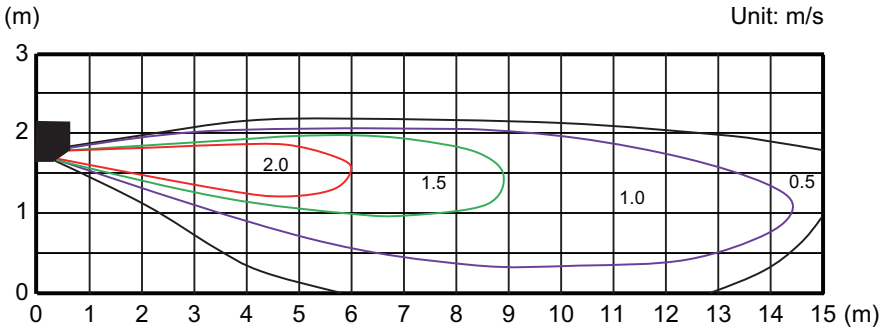
Top view
Horizontal louver: Up
Vertical louver: Center




Top view
Horizontal louver: Up
Vertical louver: Left & Right




Side view
Horizontal louver: Up
Vertical louver: Center





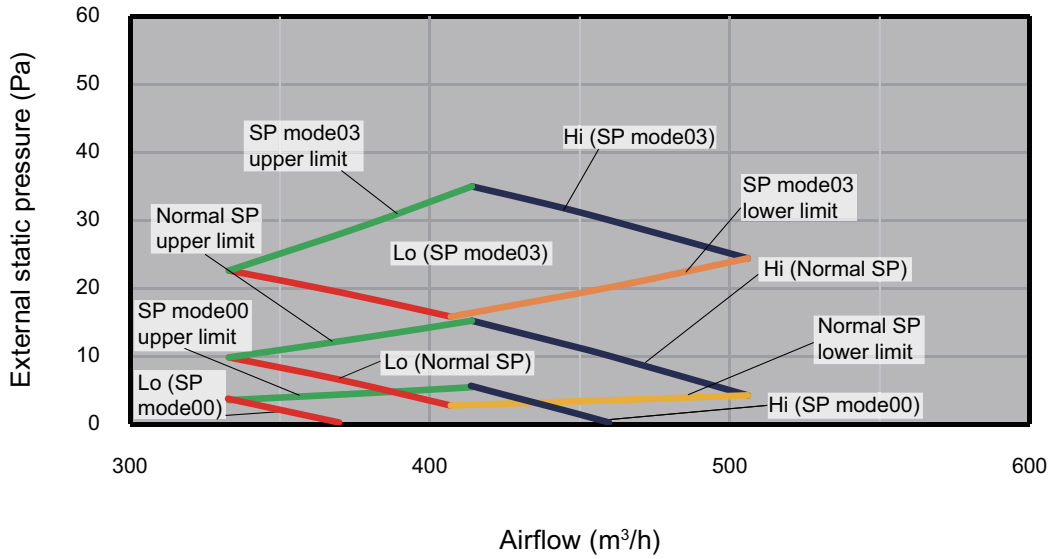
INDOOR UNITS

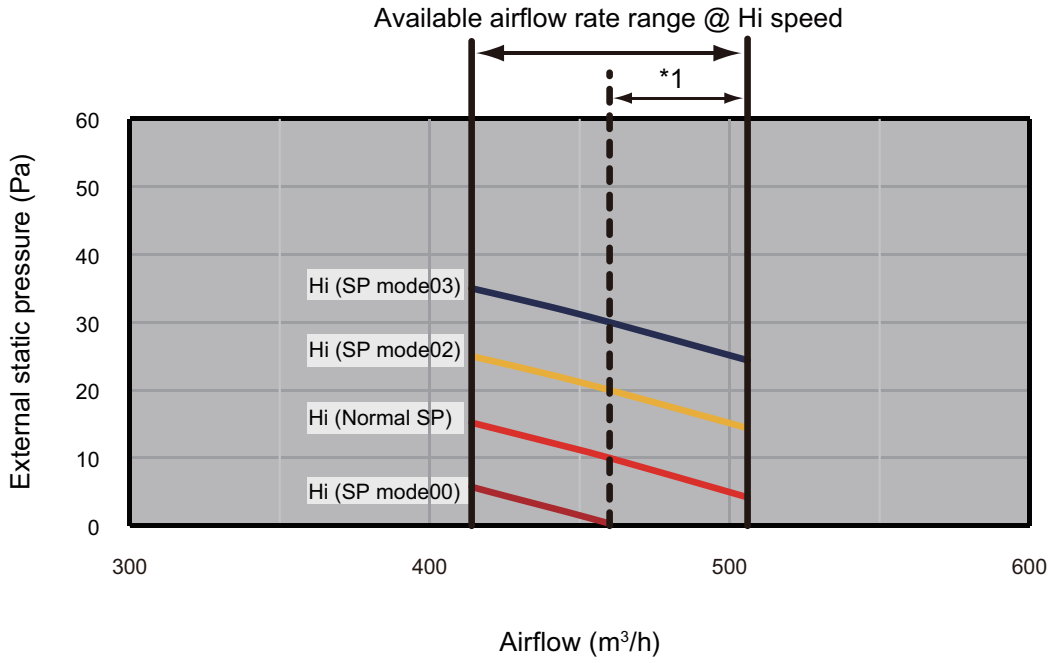
# 7. Fan performance curve

**NOTE:** Airflow and capacity/outlet temperature curve data are measured based on the same conditions mentioned in "Specifications" on page 04-5.

## 7-1. Low static pressure duct (Mini duct) type

### ■ Model: ARXK004GLGH

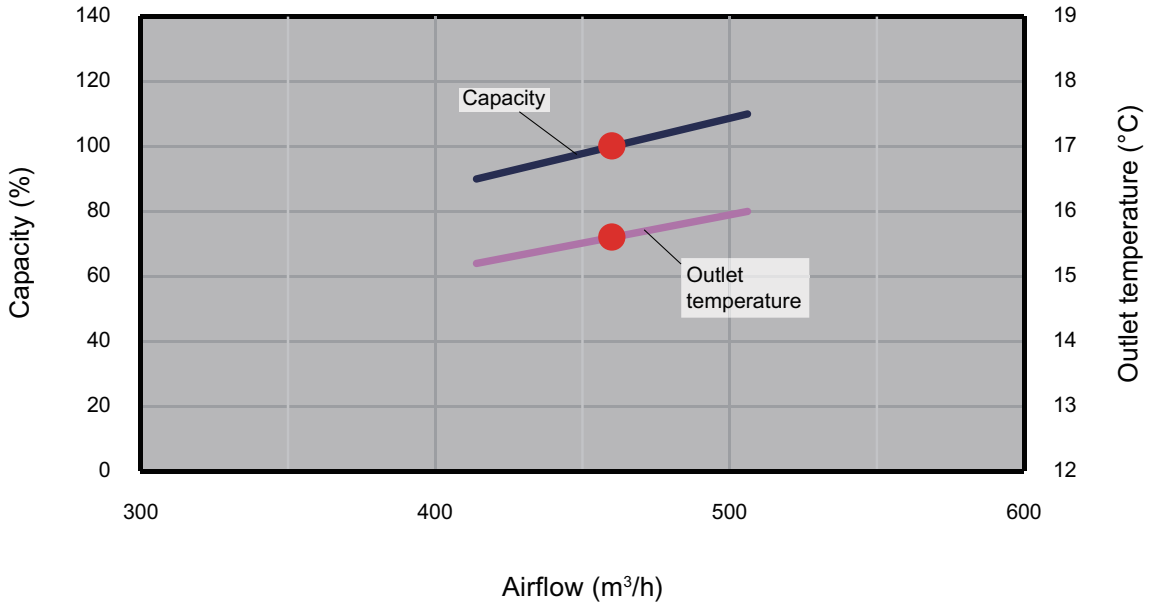


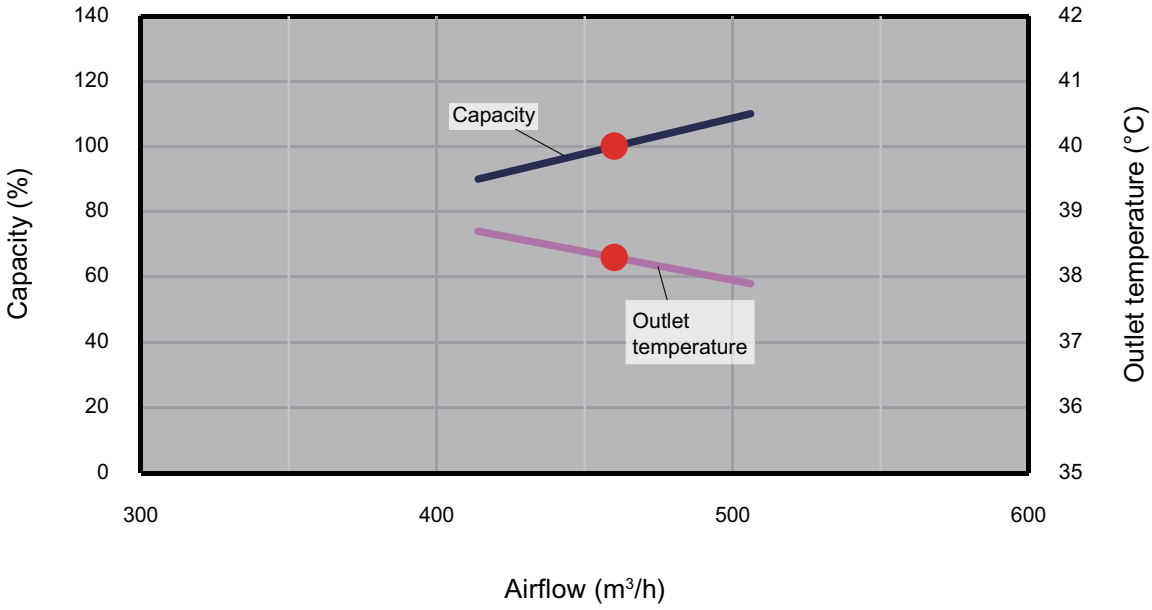

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

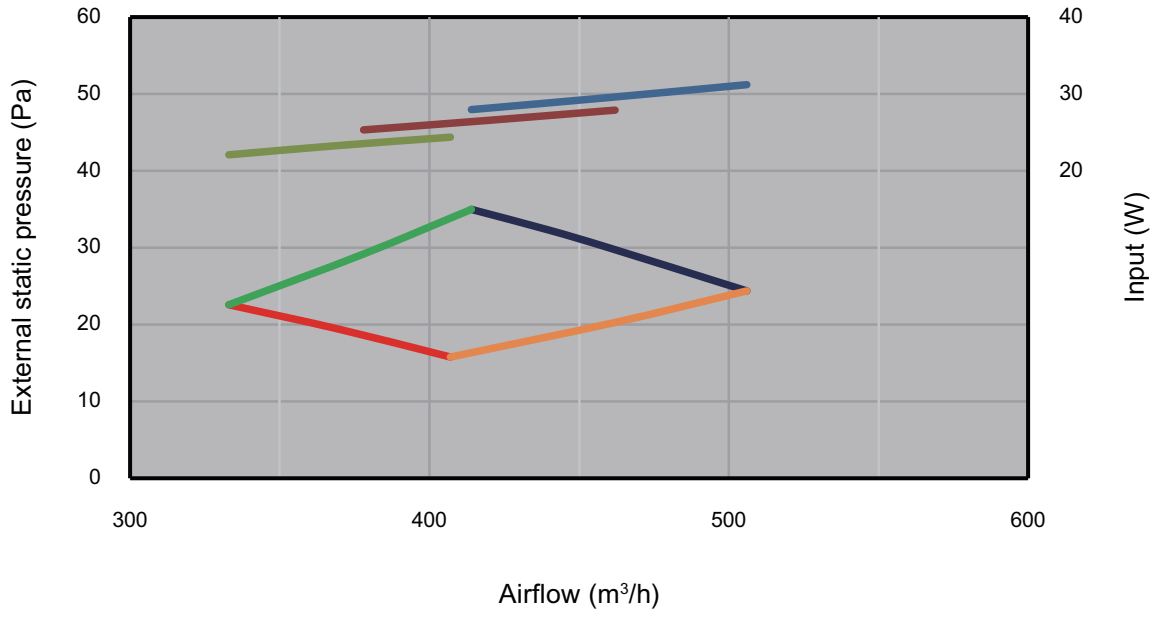
- Fan speed: HIGH
- Horizontal louver: Up

## Cooling

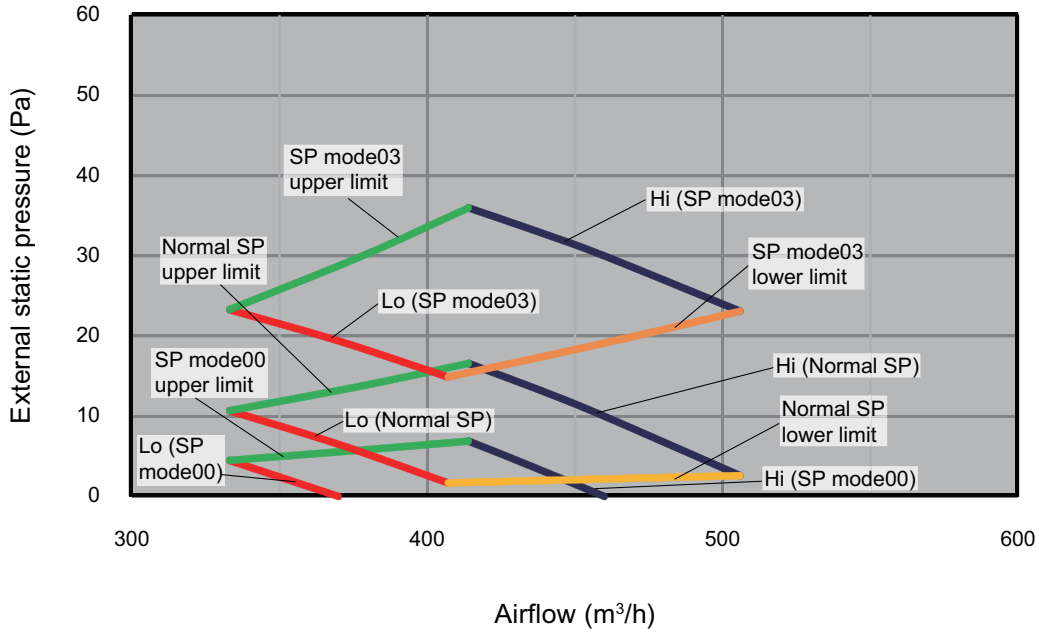


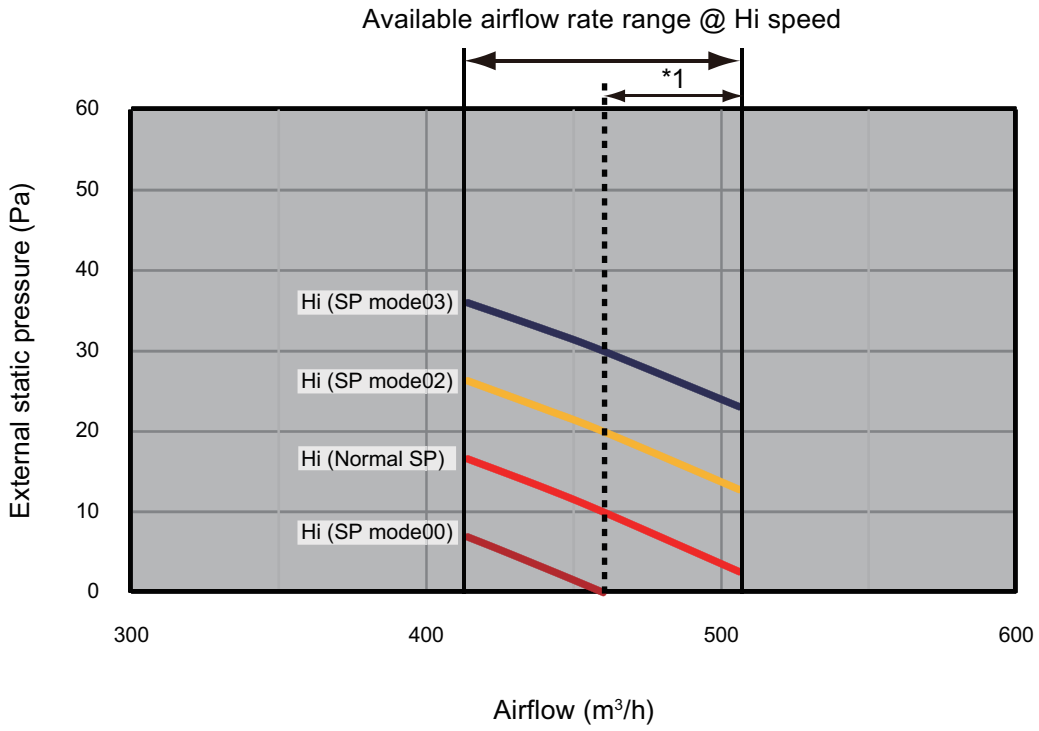

## Heating



# ■ Model: ARXK007GLGH



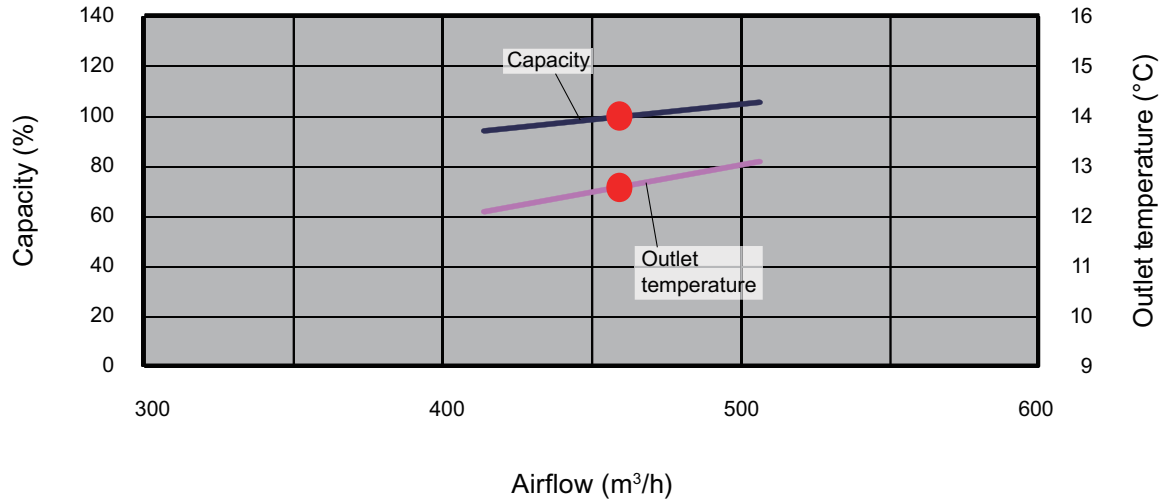

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

- Fan speed: HIGH
- Horizontal louver: Up

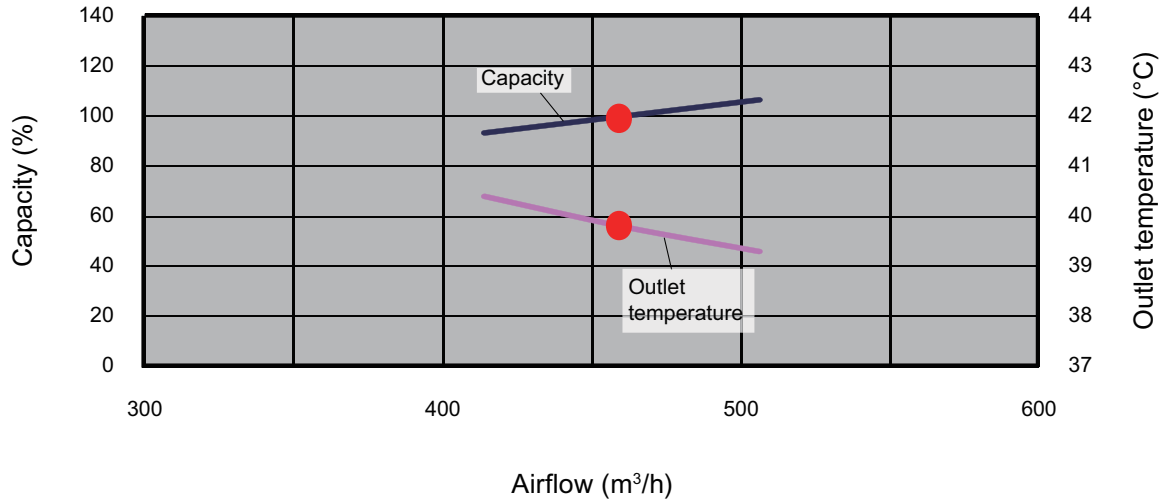


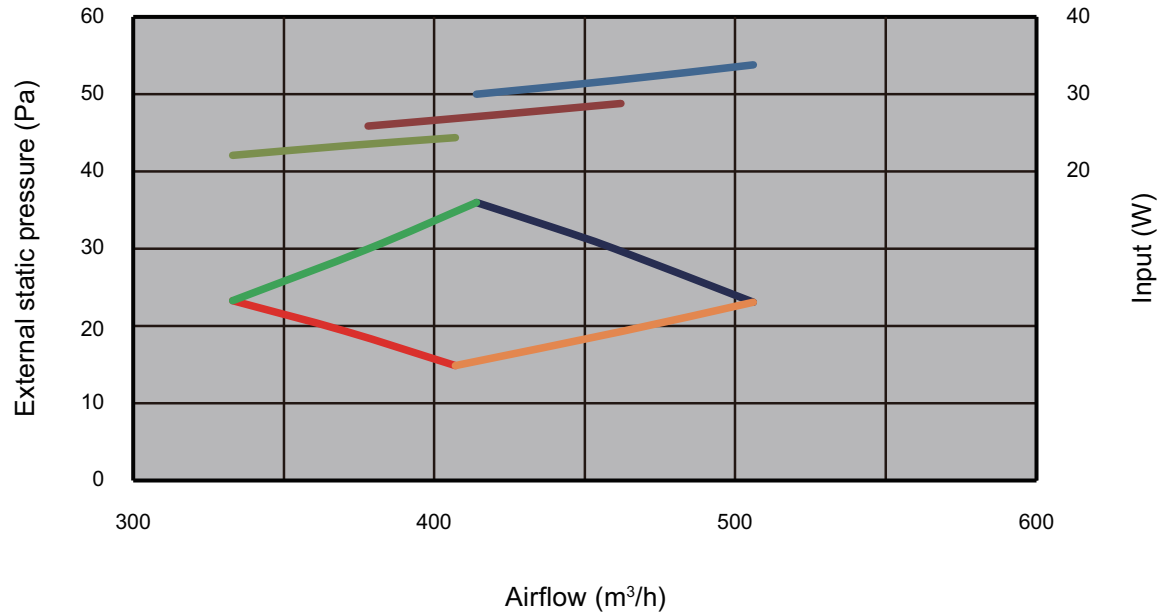
INDOOR UNITS

## Cooling

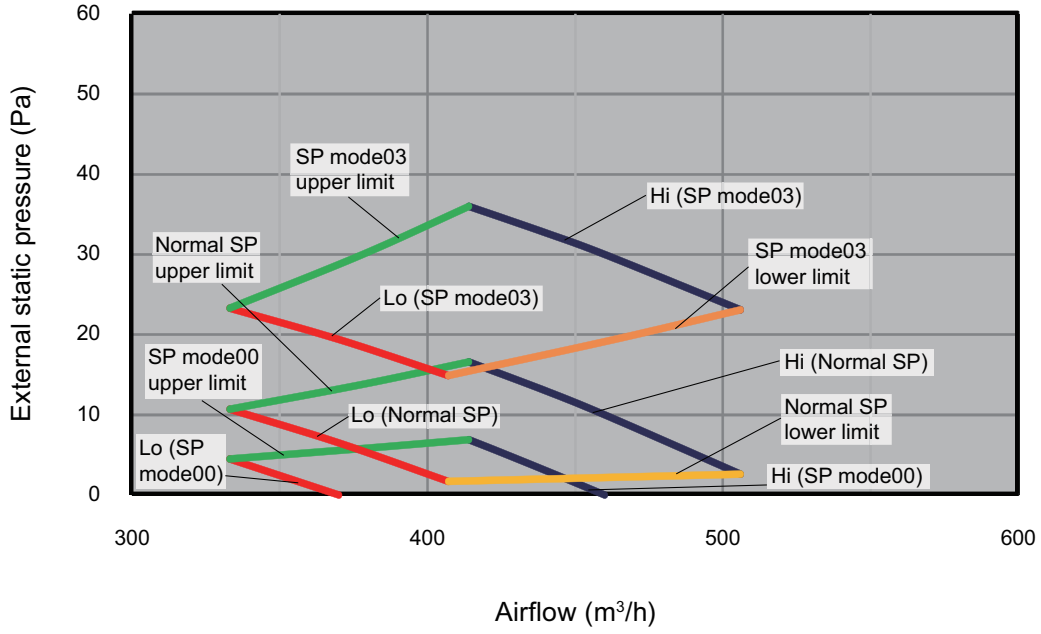


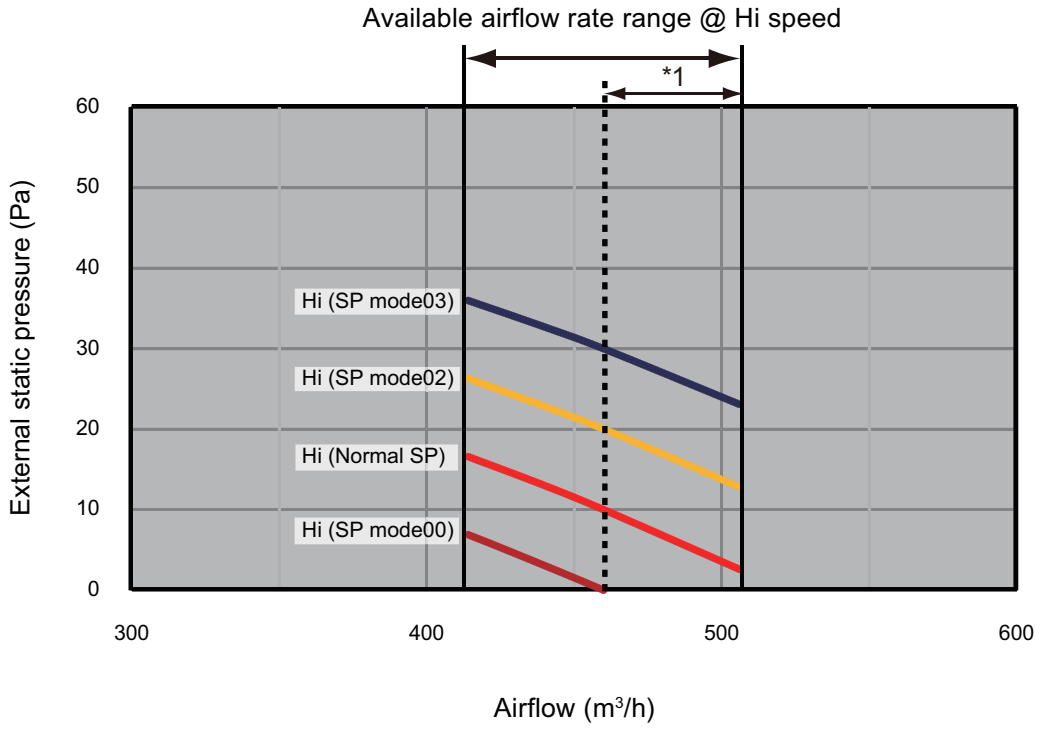

## Heating



# ■ Model: ARXK009GLGH



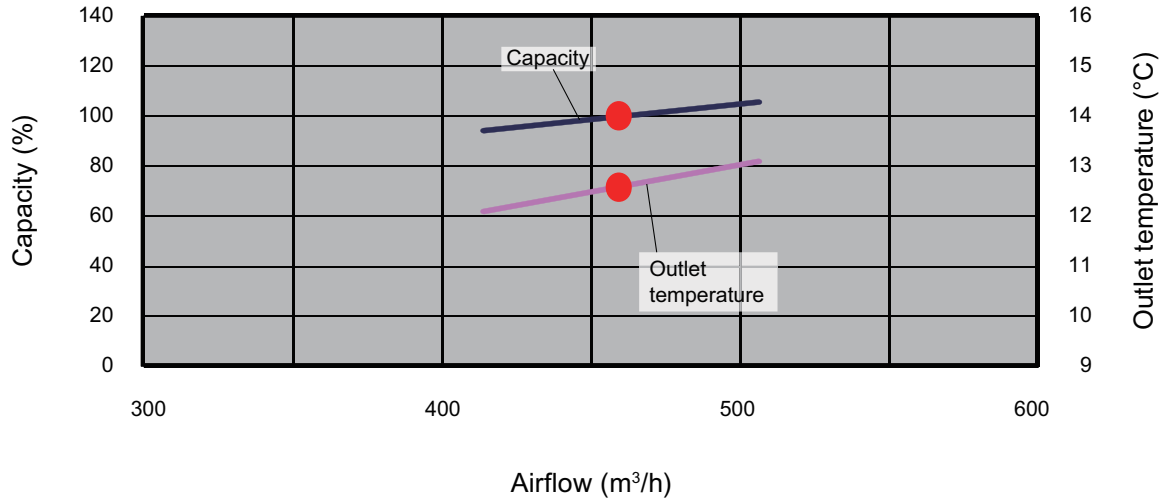

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

- Fan speed: HIGH
- Horizontal louver: Up

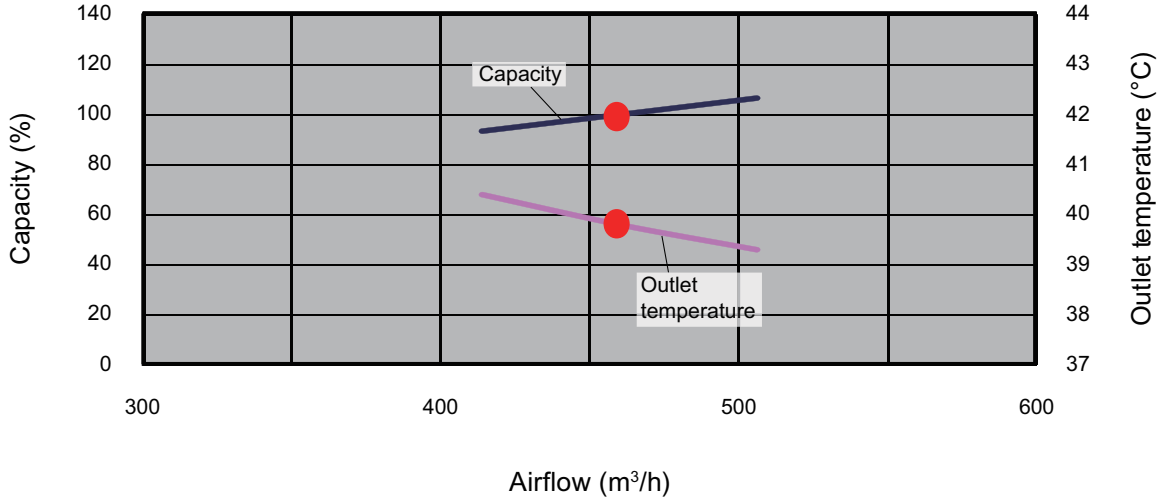


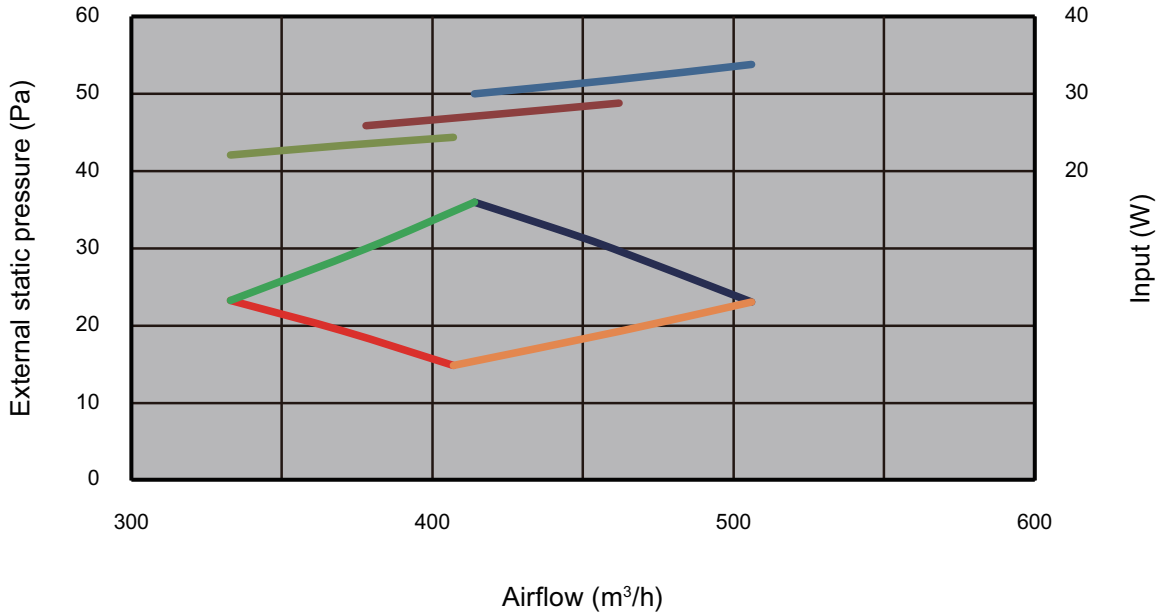
INDOOR UNITS

## Cooling

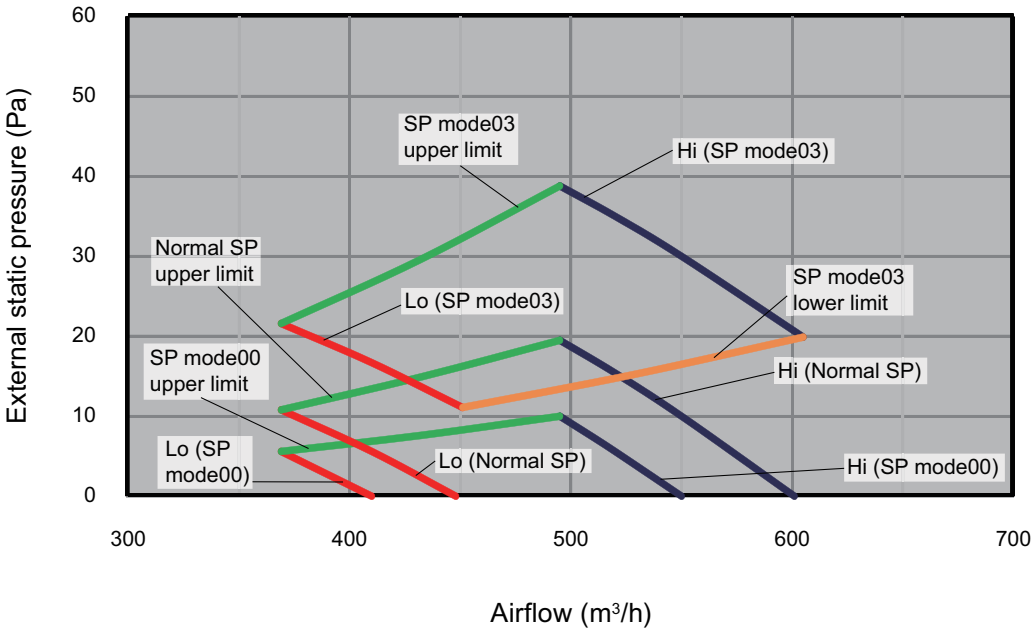



## Heating

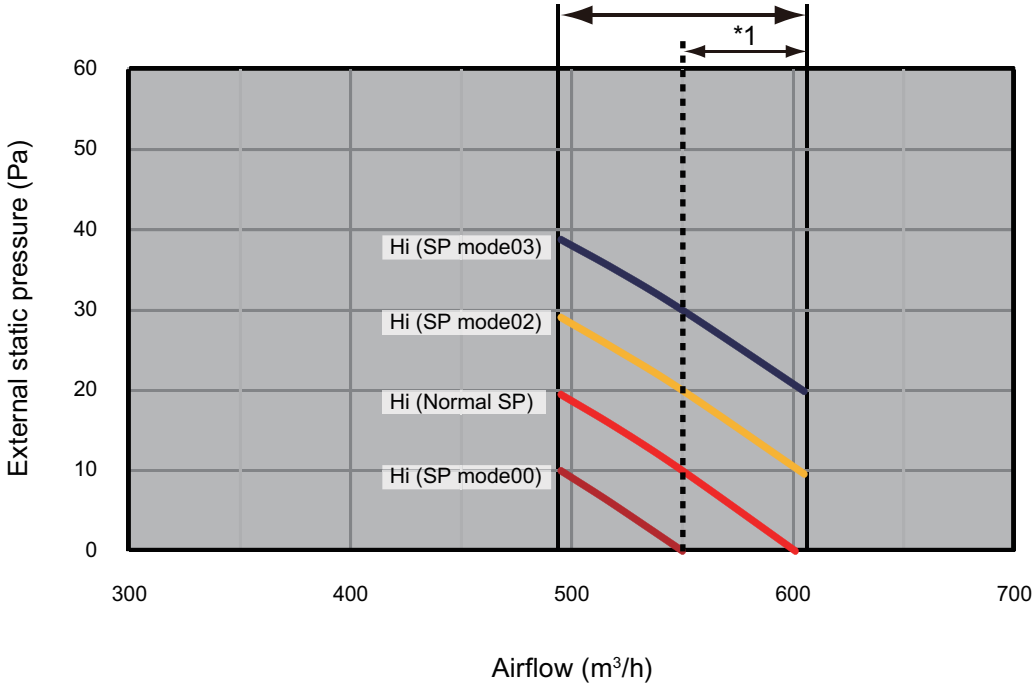


# ■ Model: ARXK012GLGH




Available airflow rate range @ Hi speed



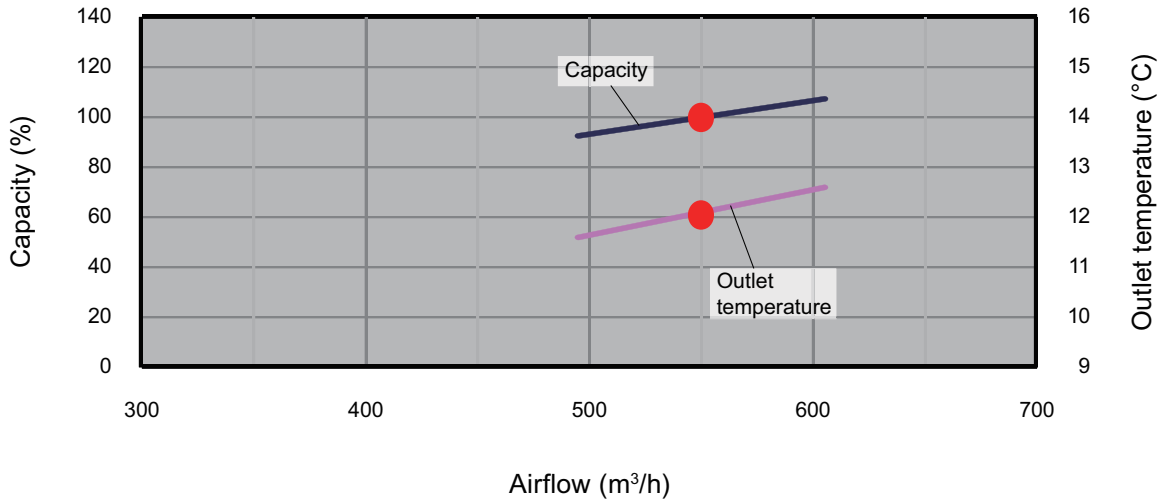

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

- Fan speed: HIGH
- Horizontal louver: Up

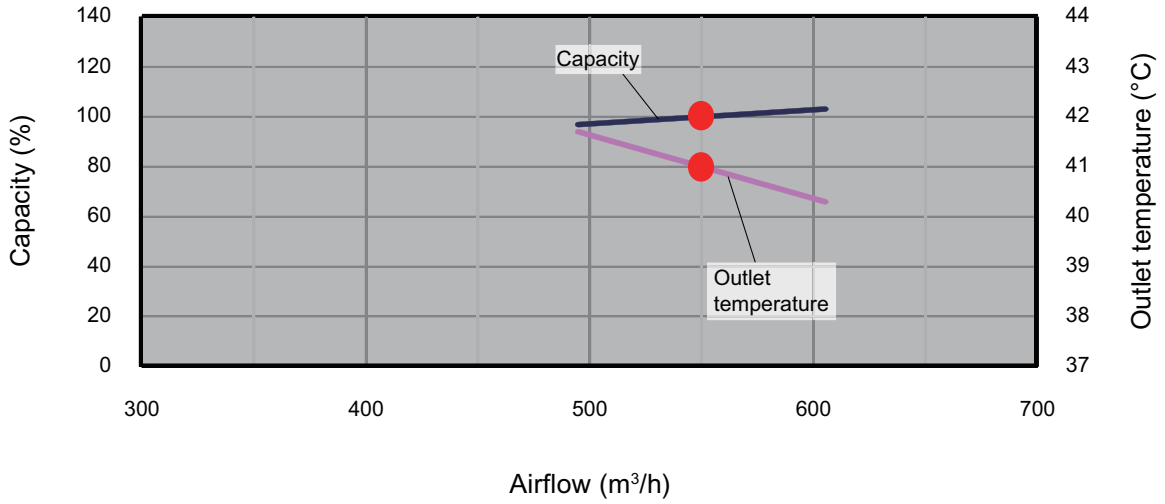


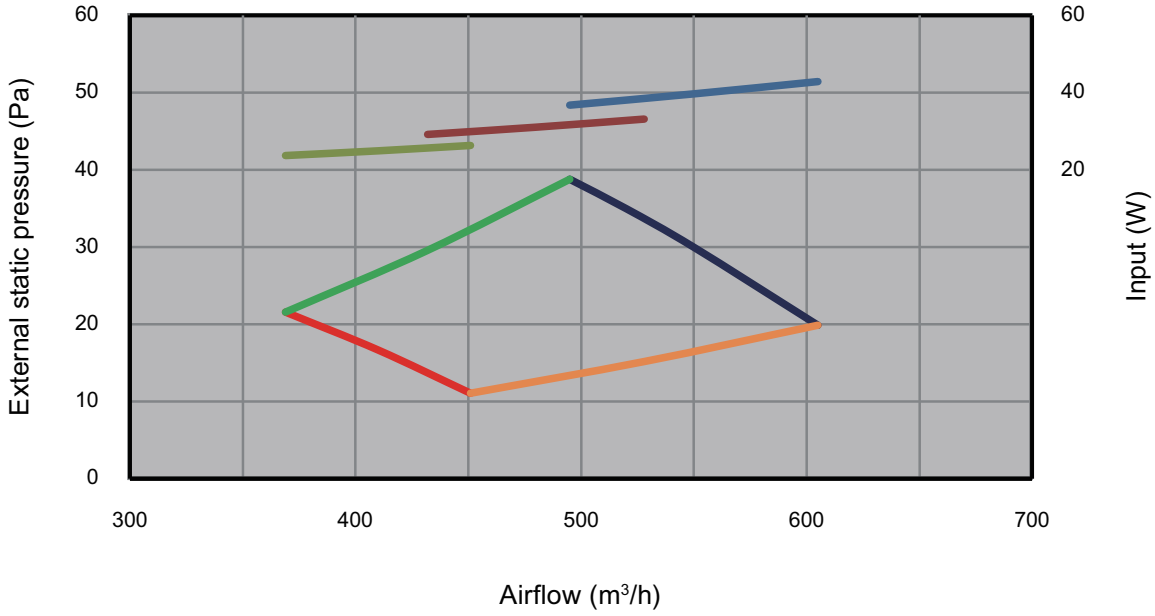
INDOOR UNITS

## Cooling

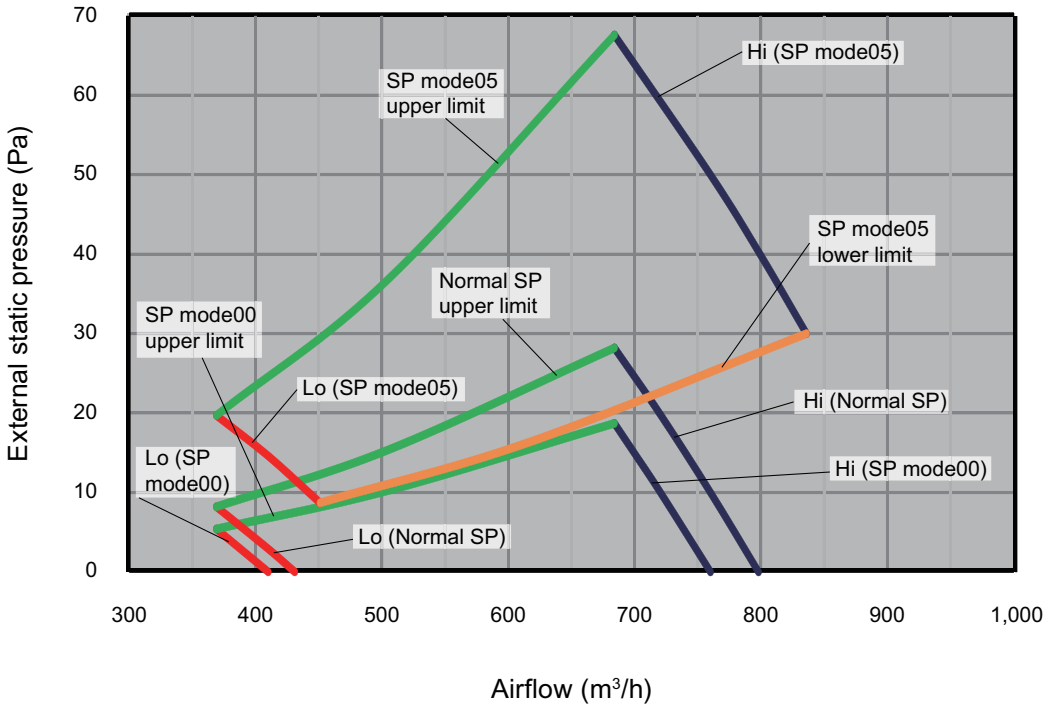



## Heating

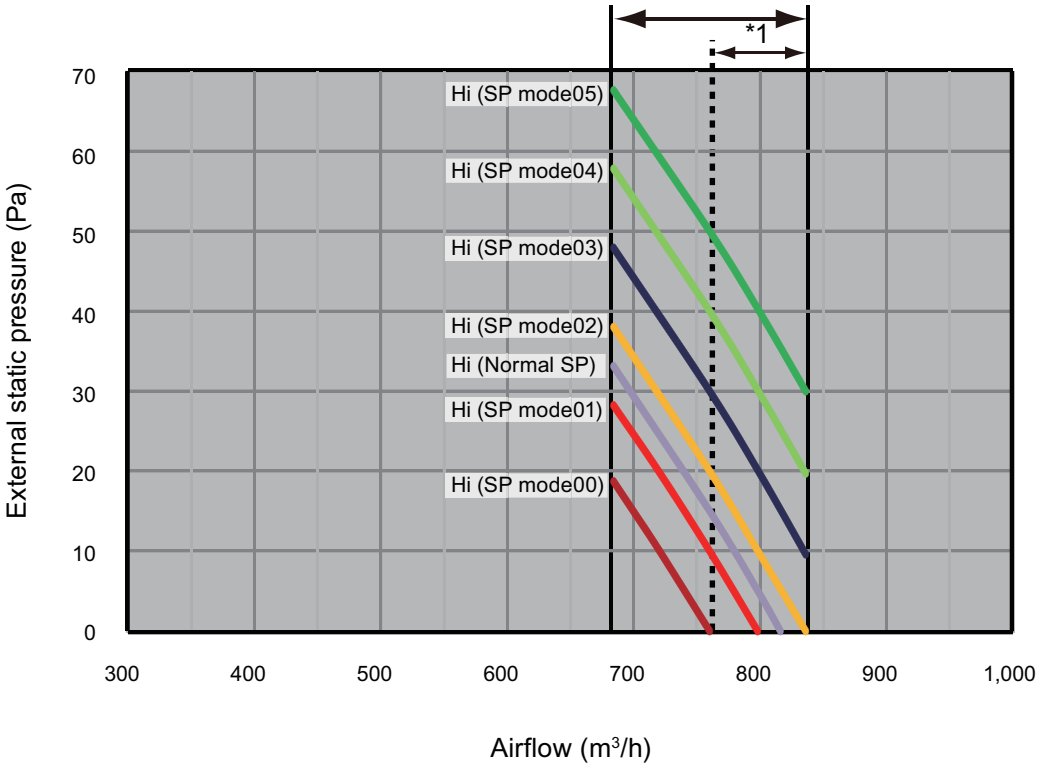


# ■ Model: ARXK014GLGH




Available airflow rate range @ Hi speed

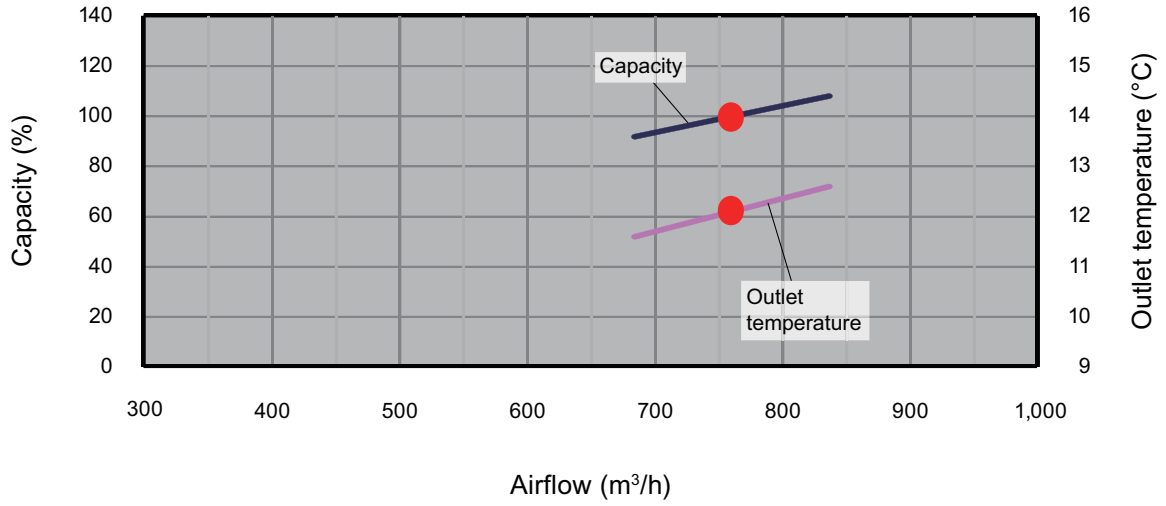



*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

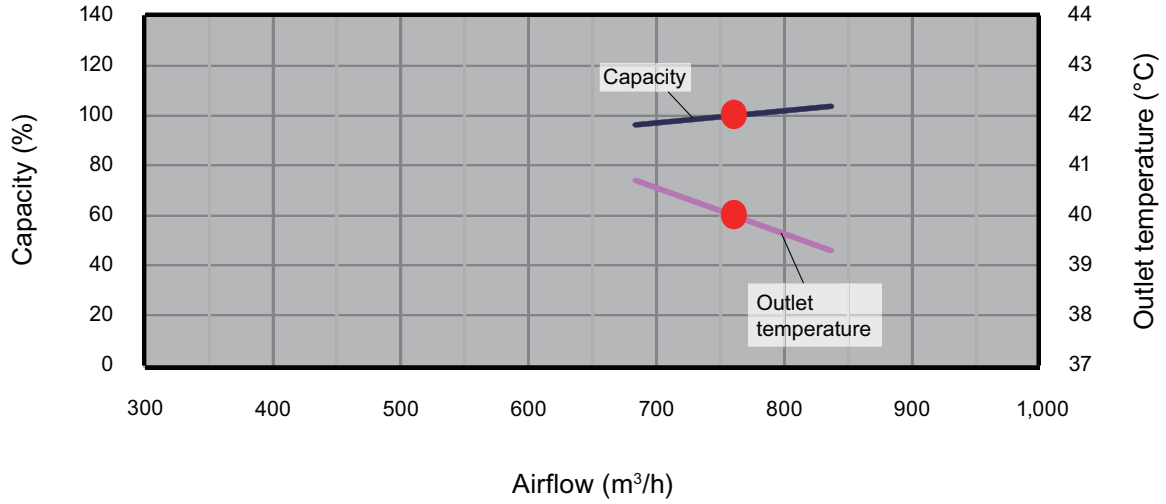
- Fan speed: HIGH
- Horizontal louver: Up

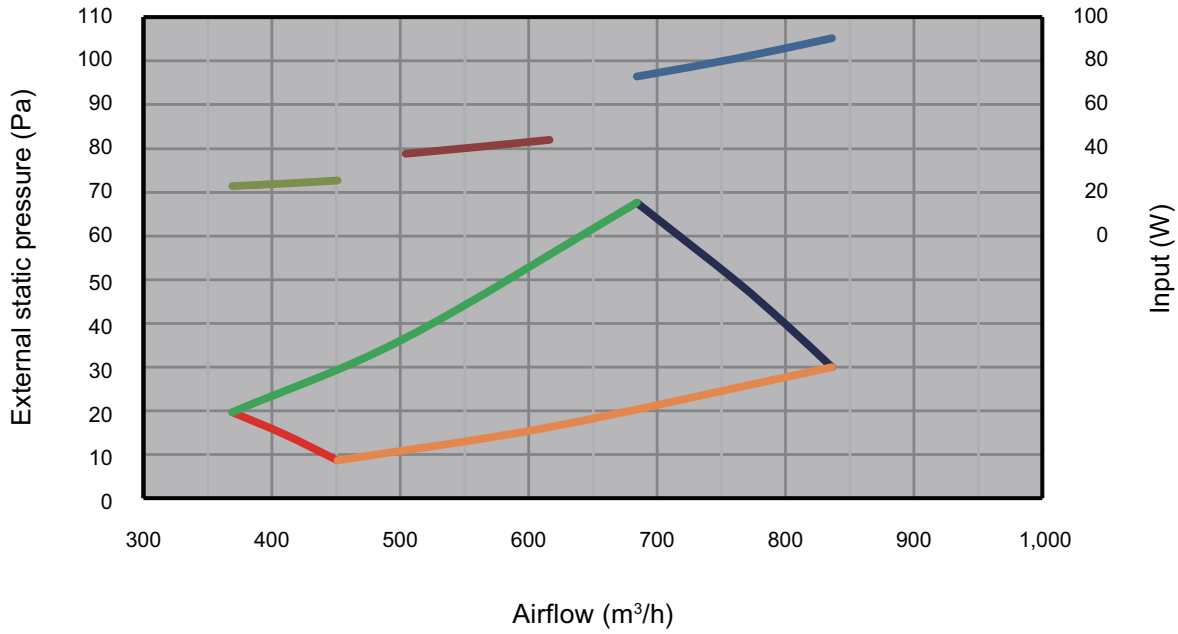

INDOOR UNITS

## Cooling

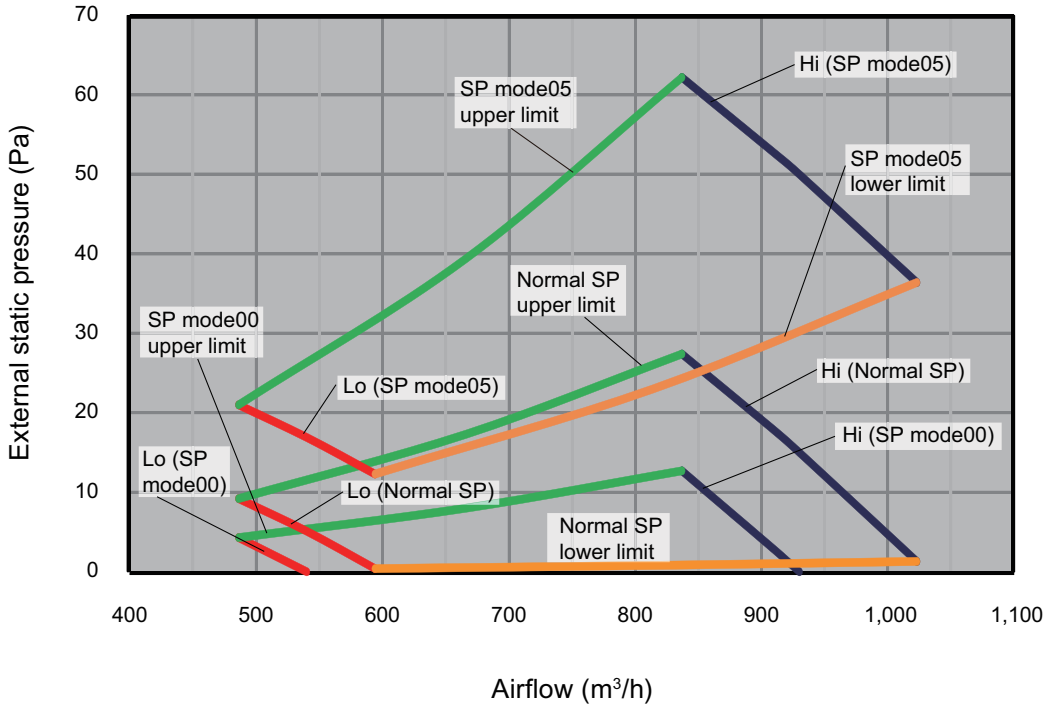



## Heating

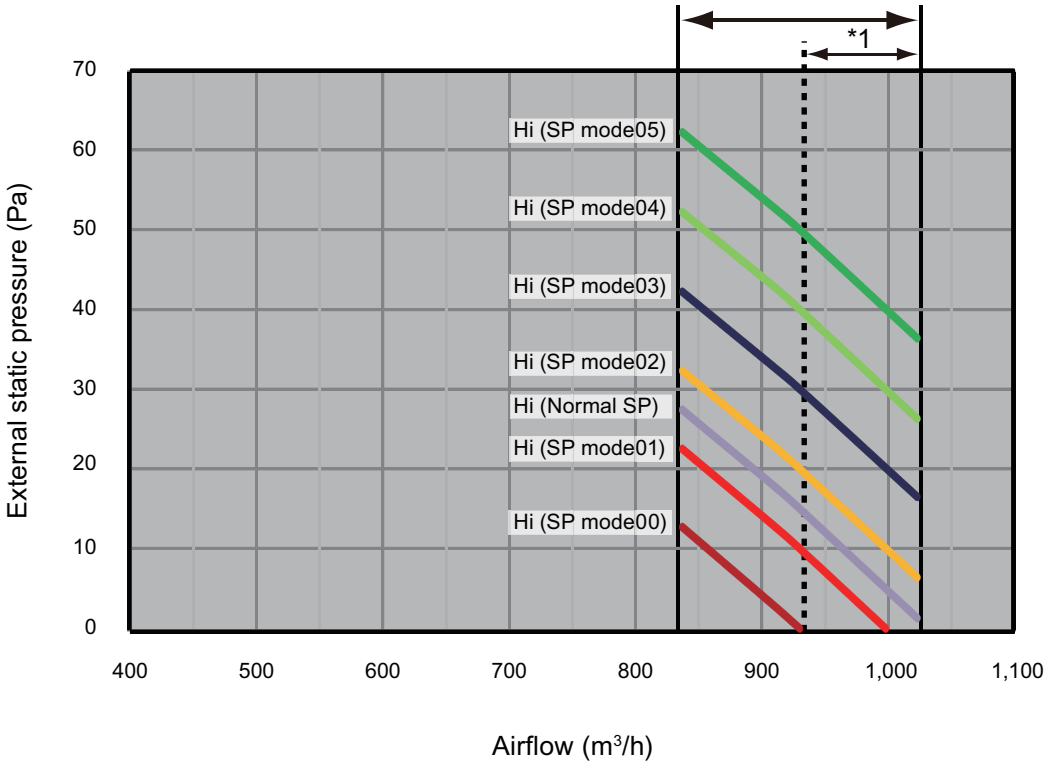


# ■ Model: ARXK018GLGH




Available airflow rate range @ Hi speed

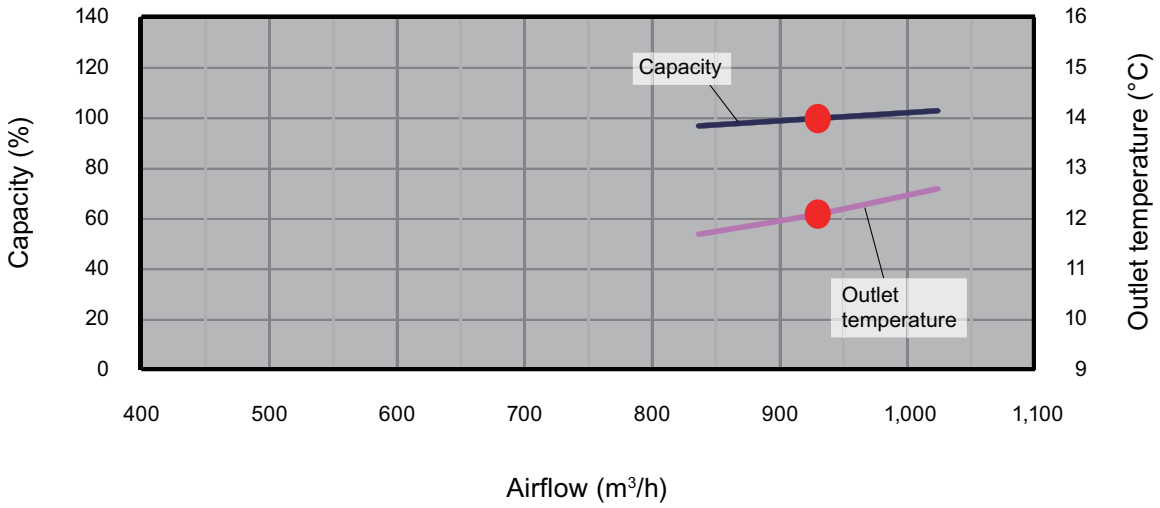



*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

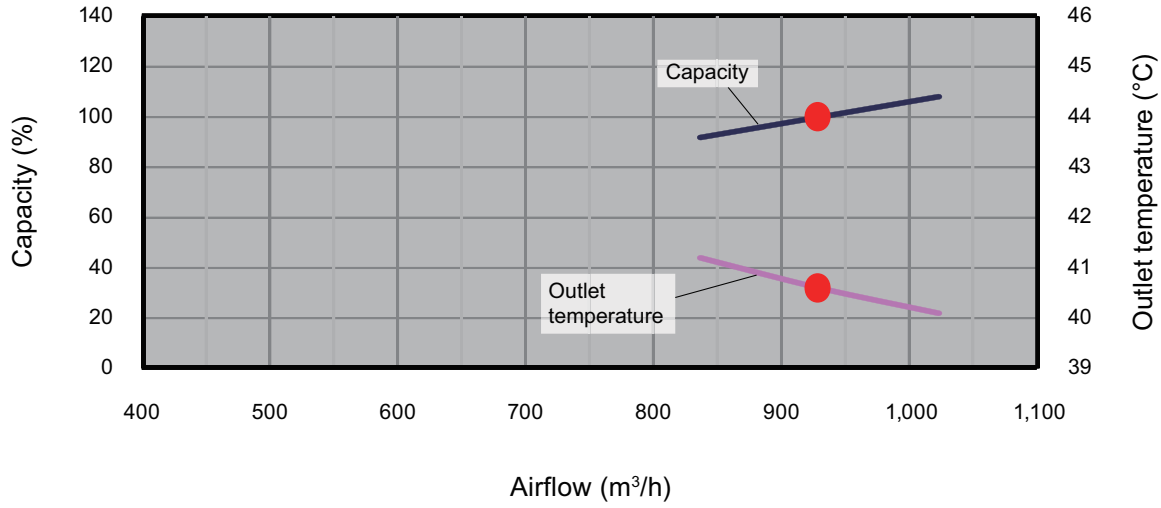
- Fan speed: HIGH
- Horizontal louver: Up

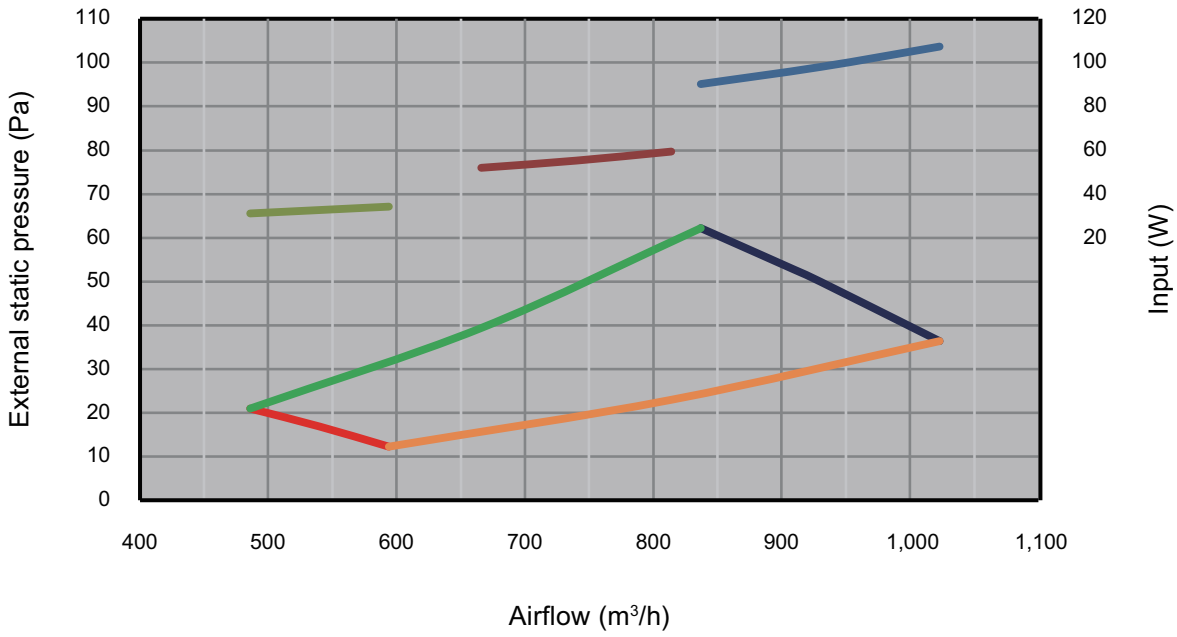

INDOOR UNITS

## Cooling



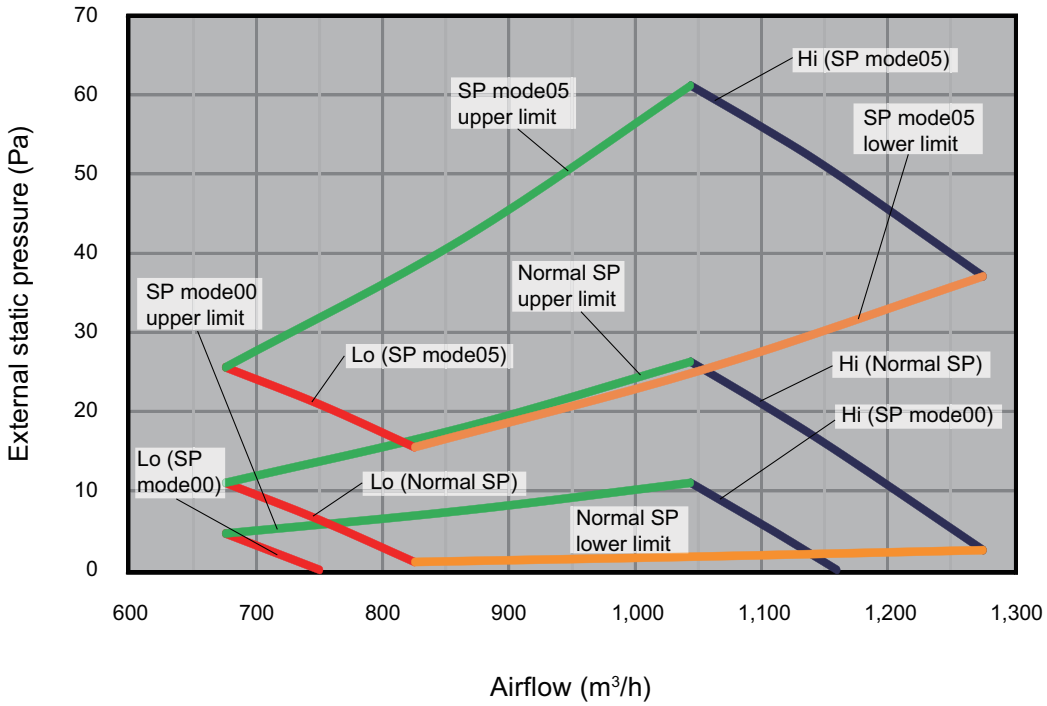

## Heating



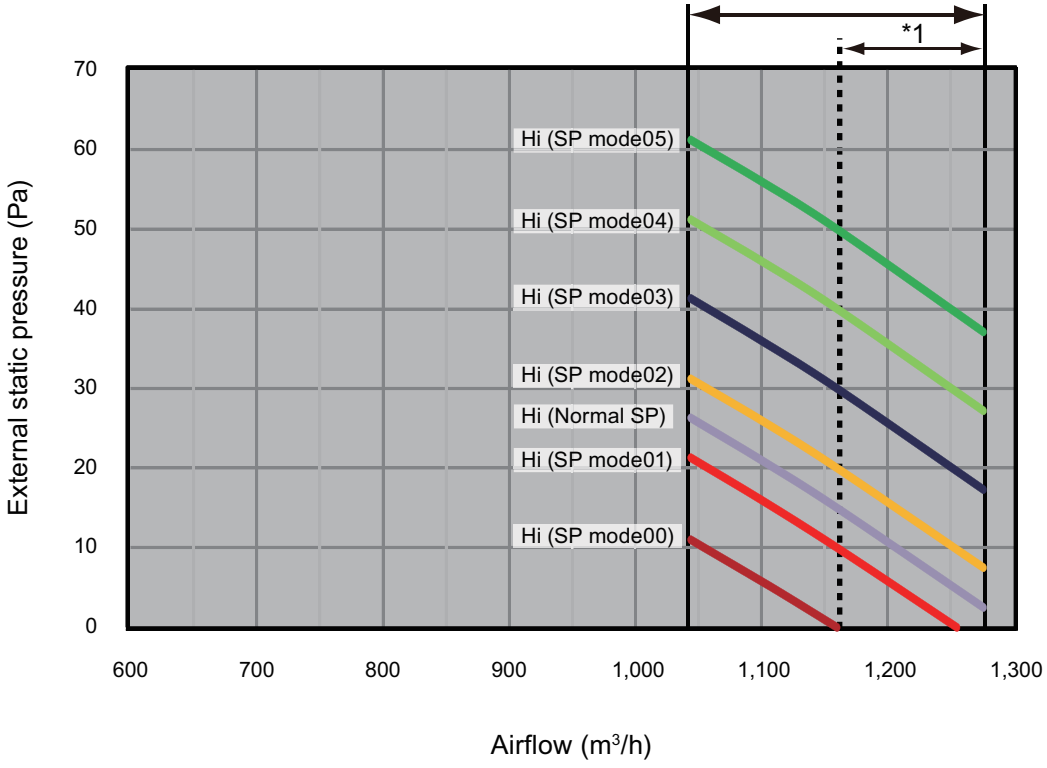



# ■ Model: ARXK024GLGH





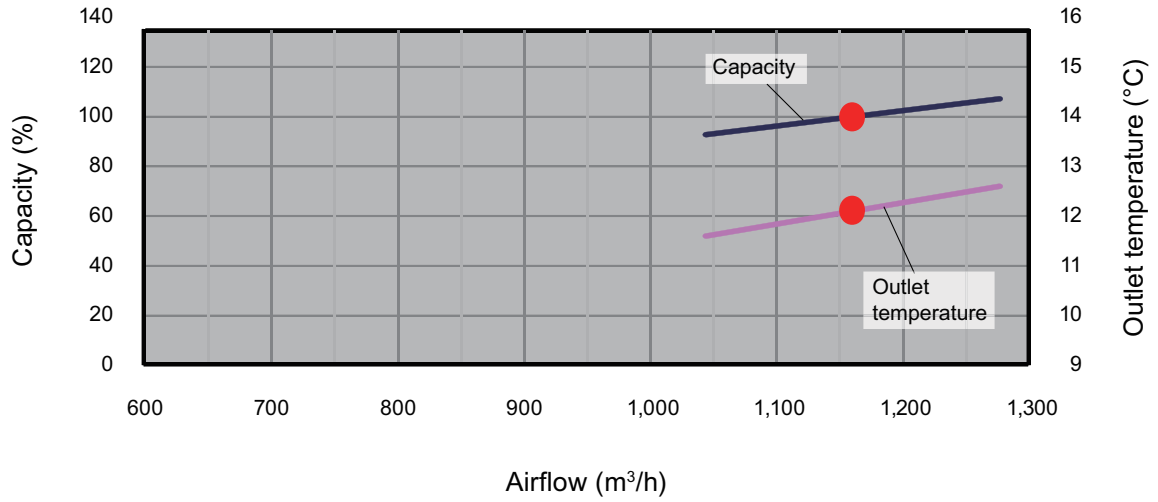

Available airflow rate range @ Hi speed



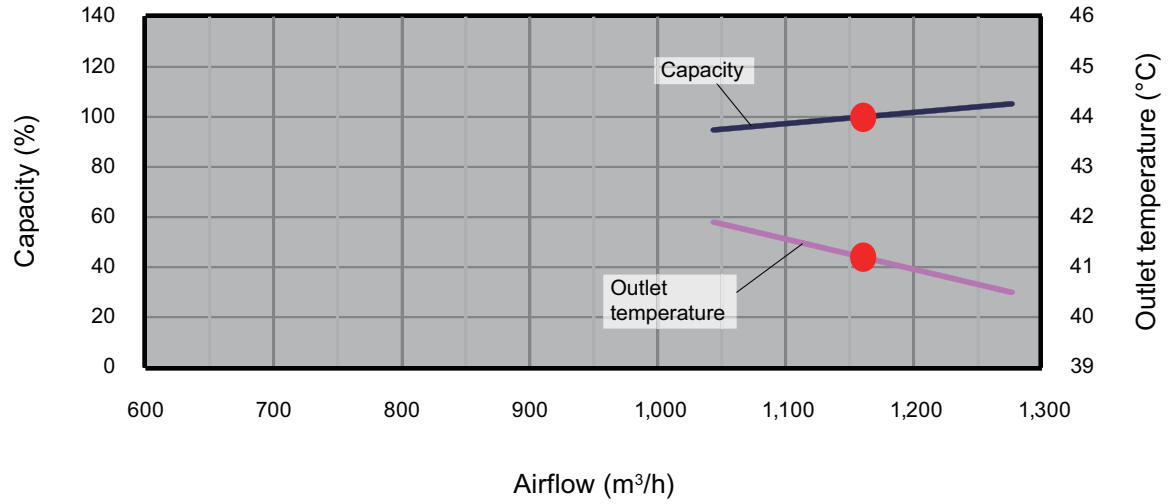

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

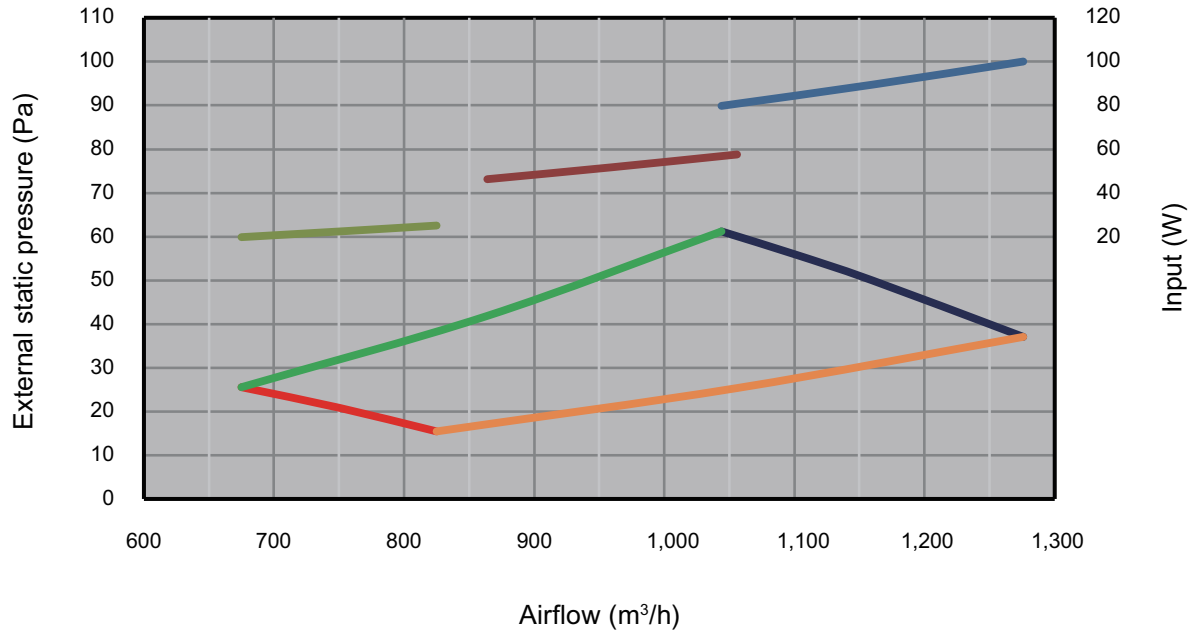
- Fan speed: HIGH
- Horizontal louver: Up

## Cooling



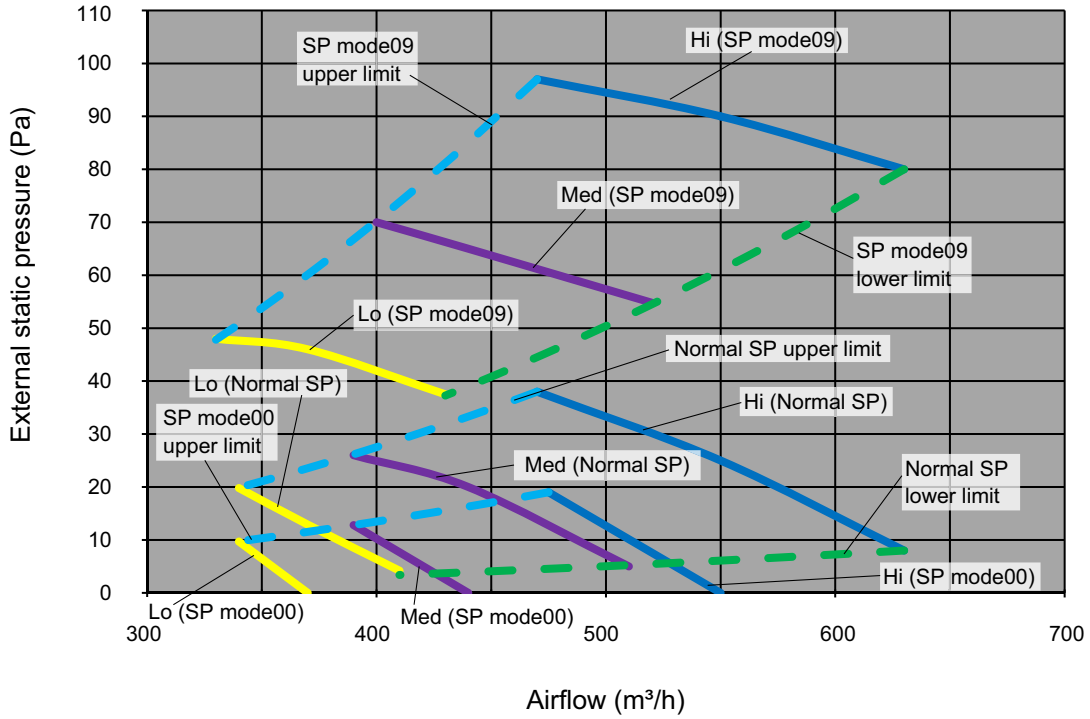

## Heating

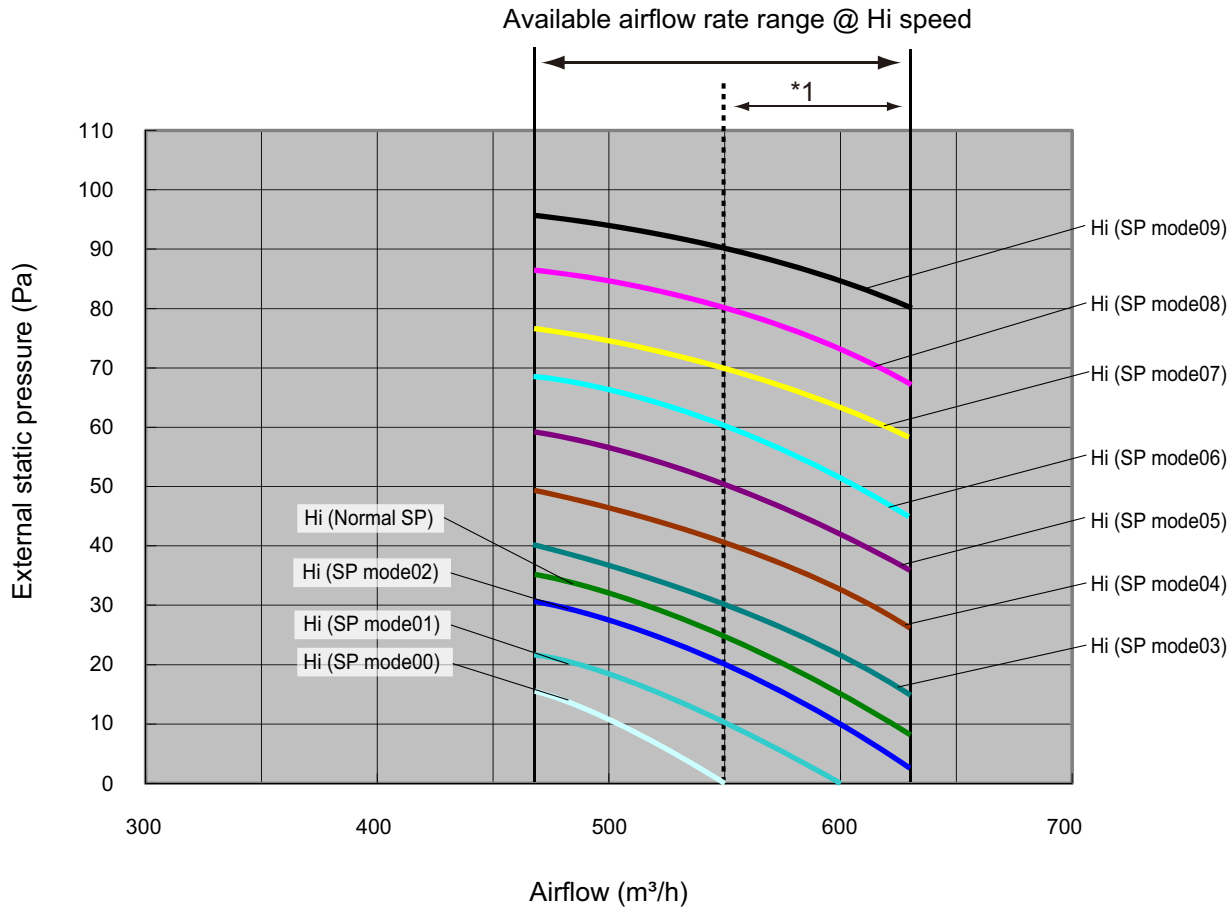


# 7-2. Low static pressure duct (Slim duct)/Slim concealed floor type

## ■ Model: ARXD007GLEH

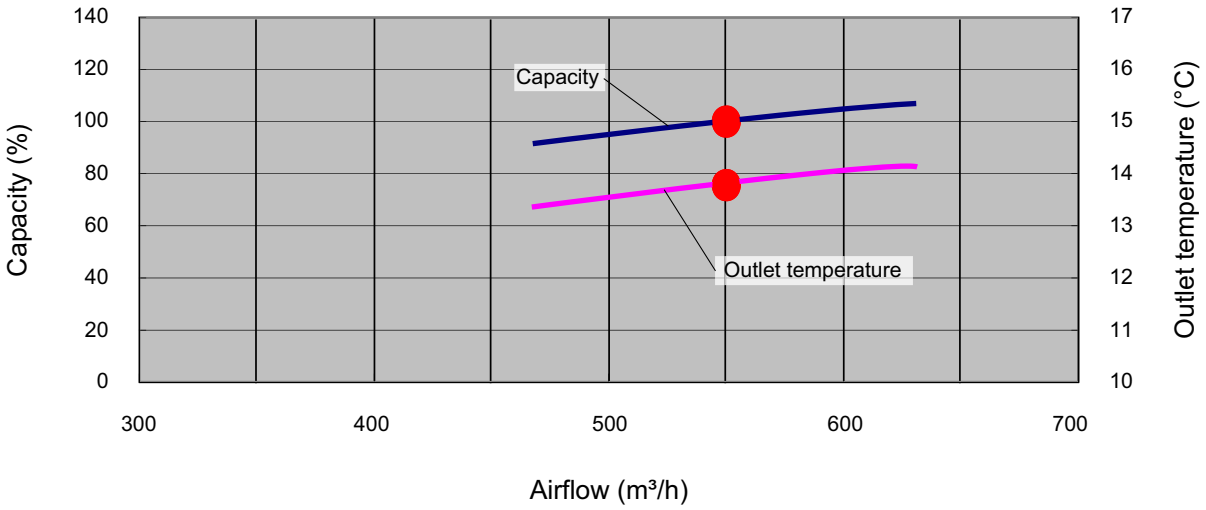


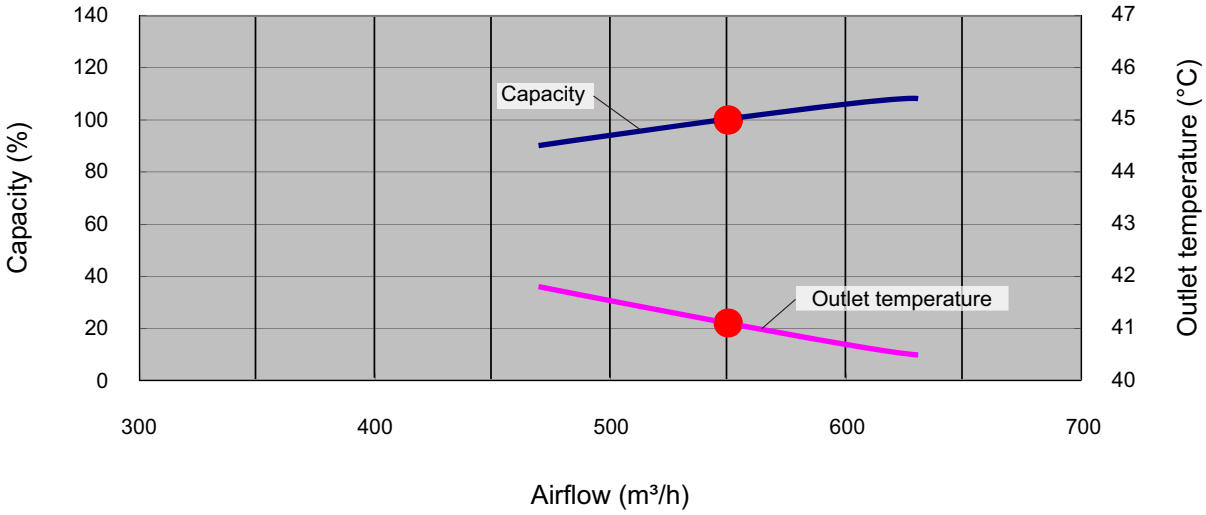

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

- Fan speed: HIGH
- Horizontal louver: Up

## Cooling




## Heating

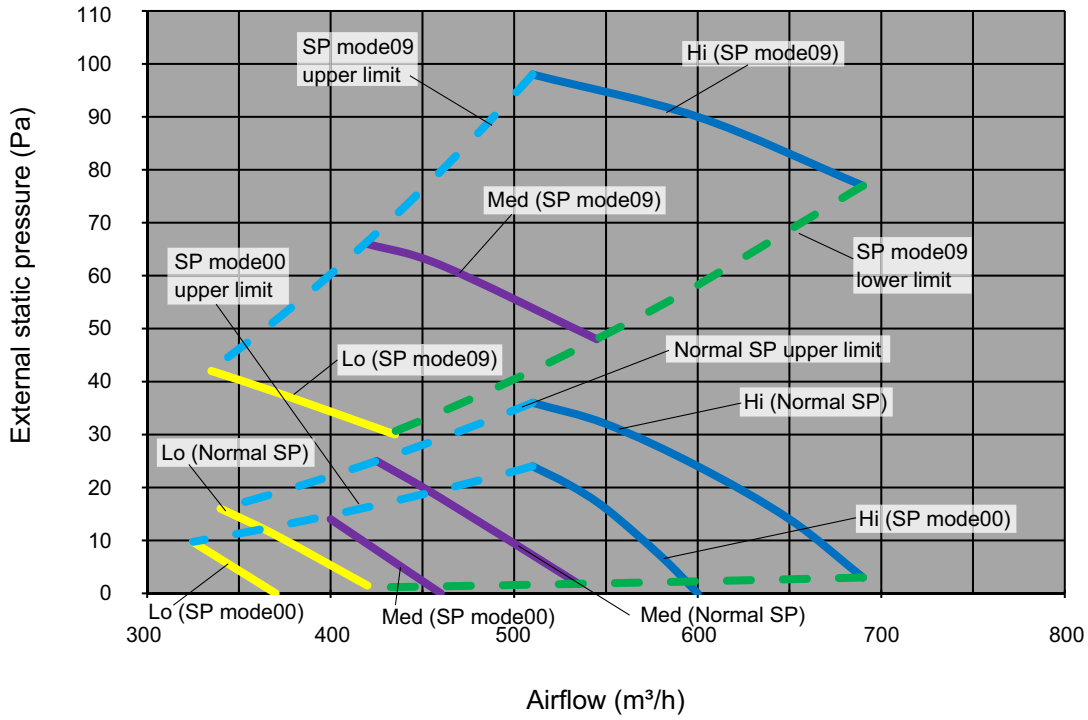


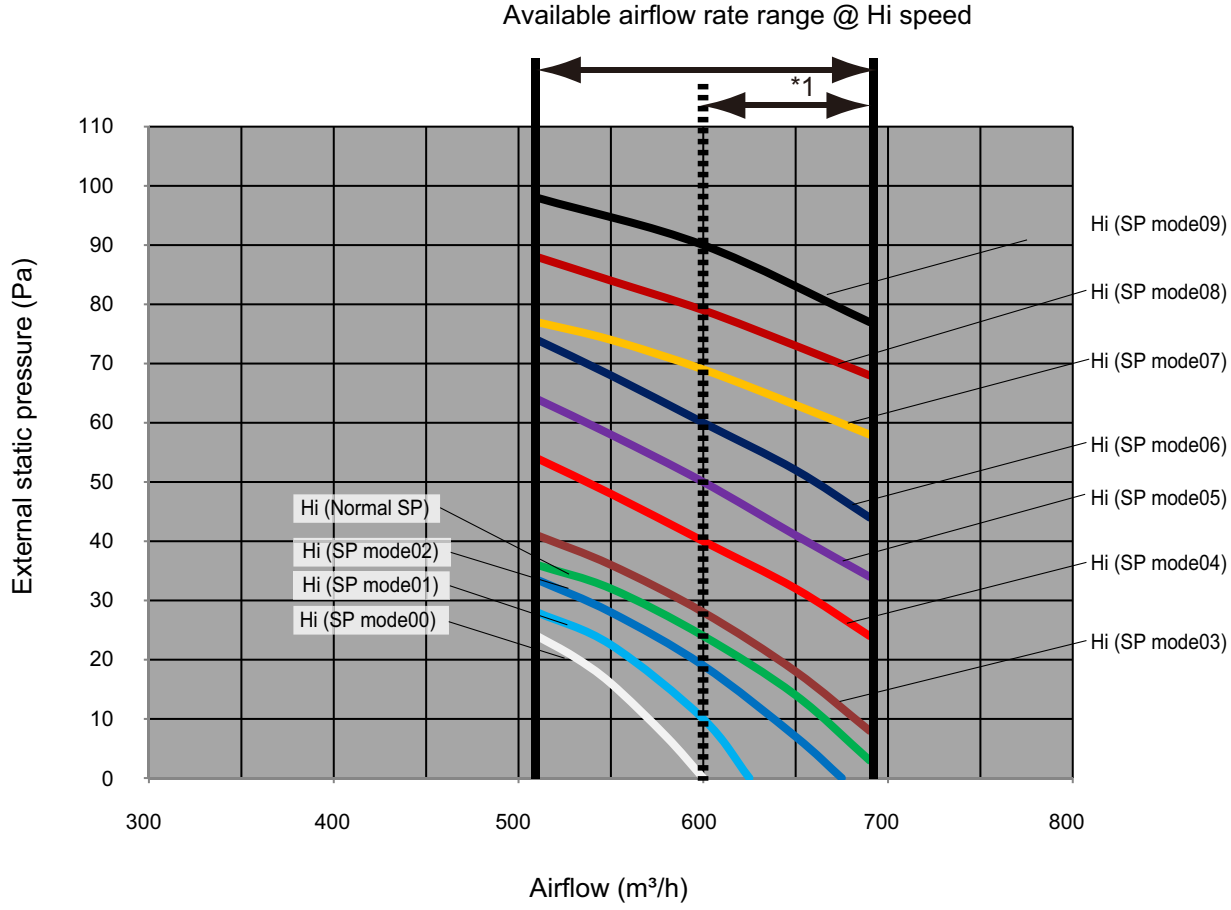



INDOOR UNITS

# ■ Model: ARXD009GLEH



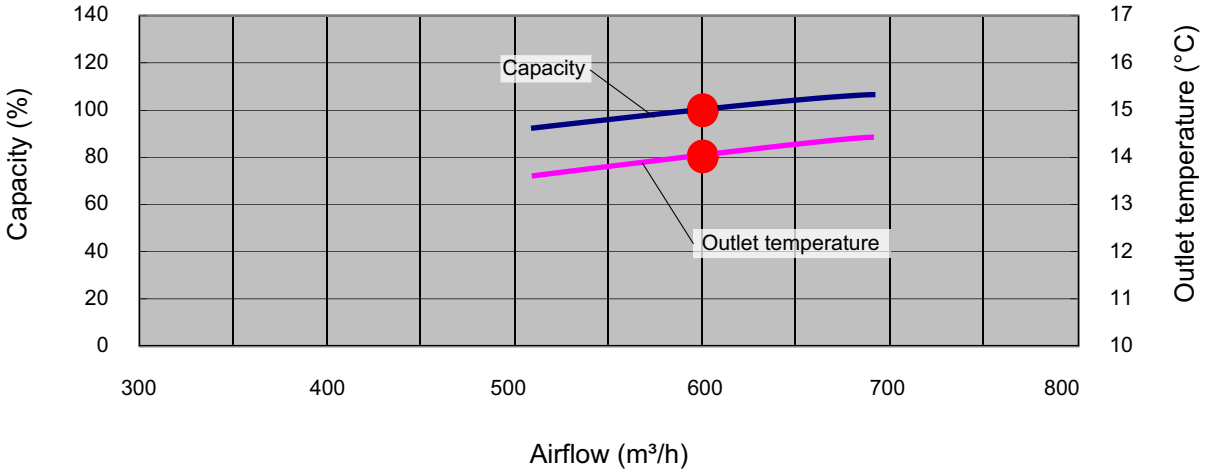


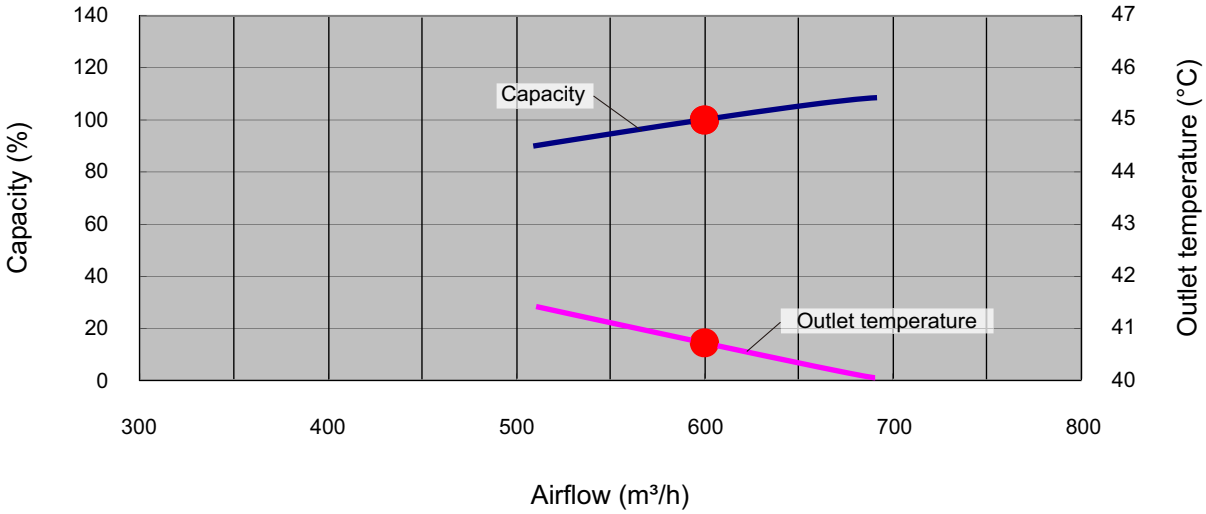

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

- Fan speed: HIGH
- Horizontal louver: Up

## Cooling




## Heating

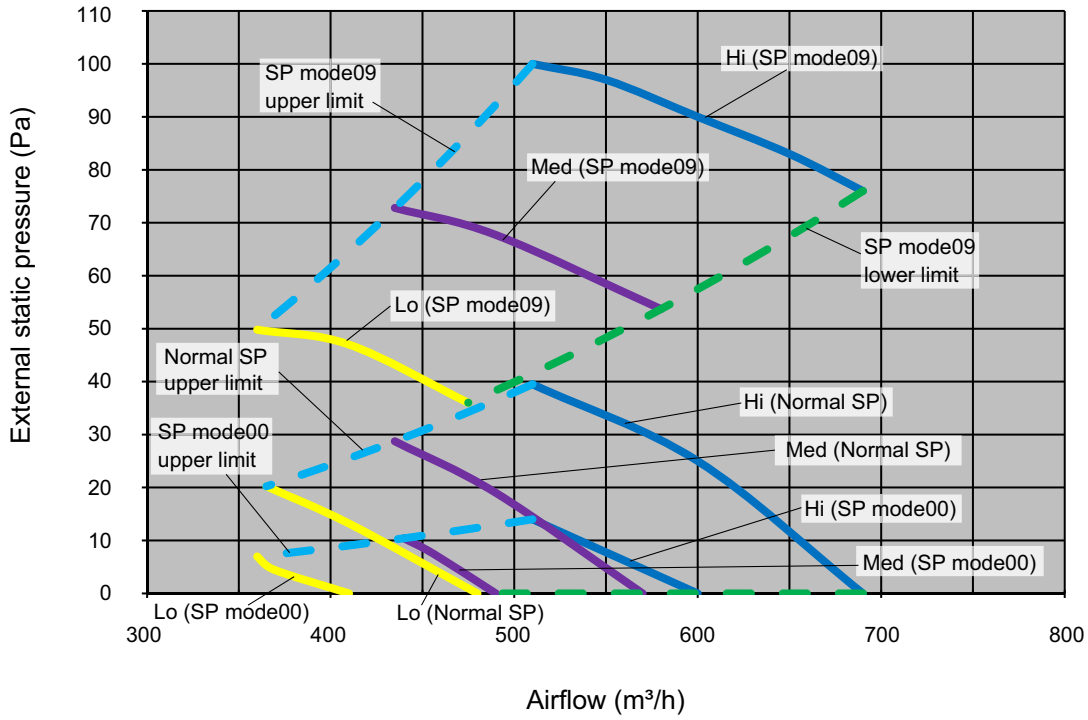




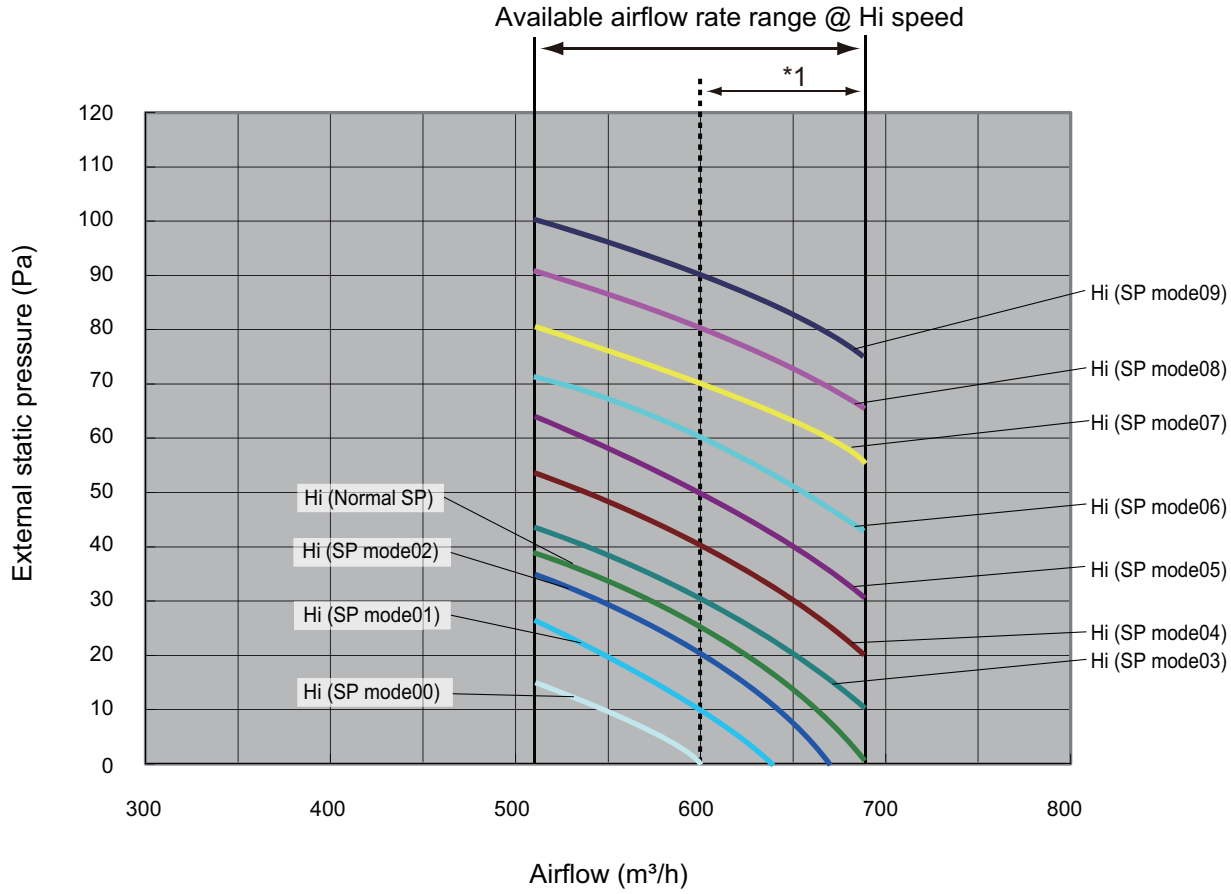

INDOOR UNITS

# ■ Model: ARXD012GLEH





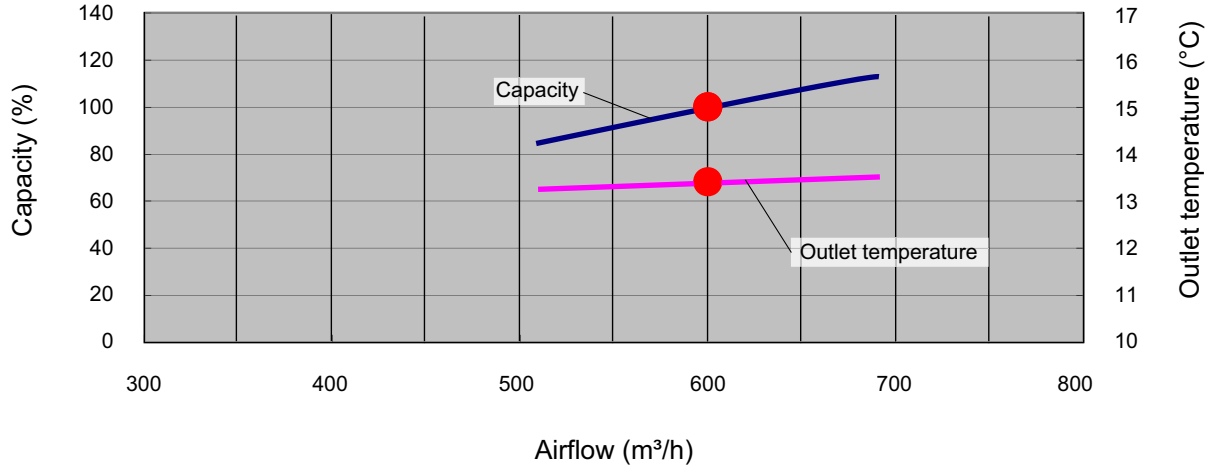

INDOOR UNITS



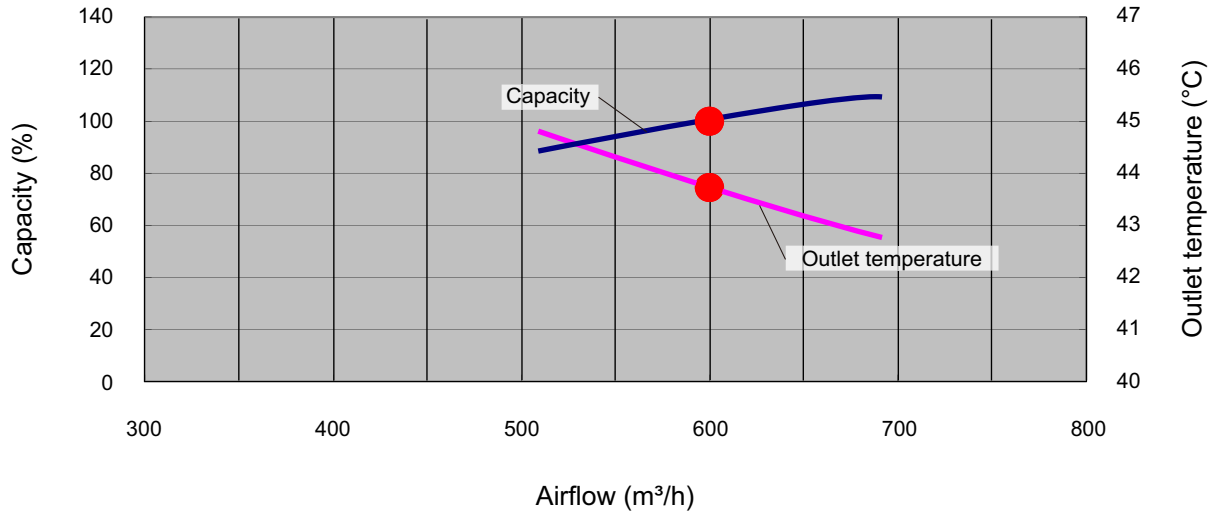

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

- Fan speed: HIGH
- Horizontal louver: Up

## Cooling



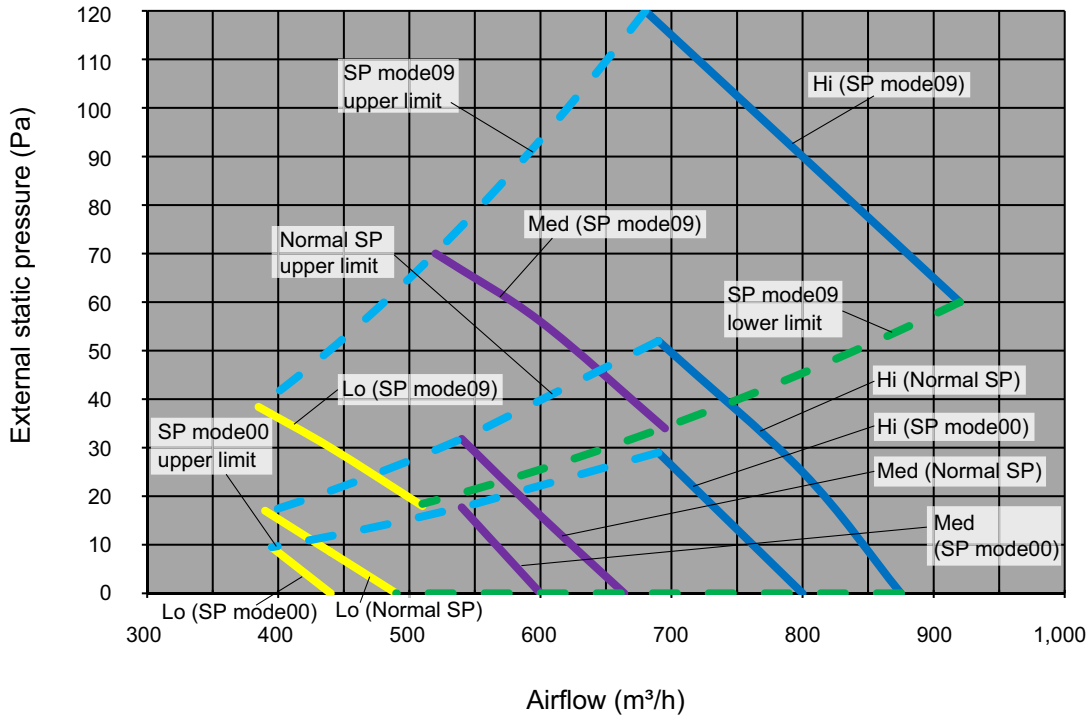

## Heating

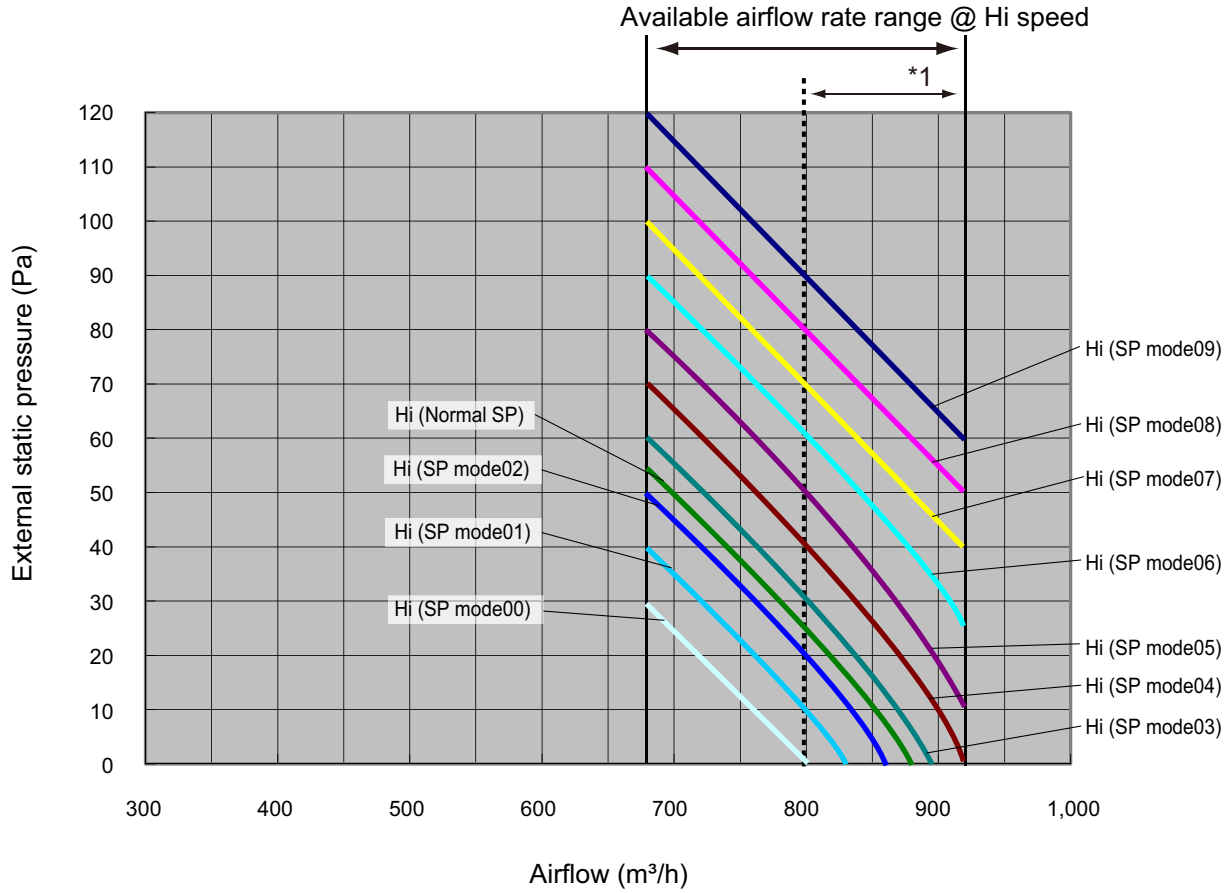





INDOOR UNITS

# ■ Model: ARXD014GLEH

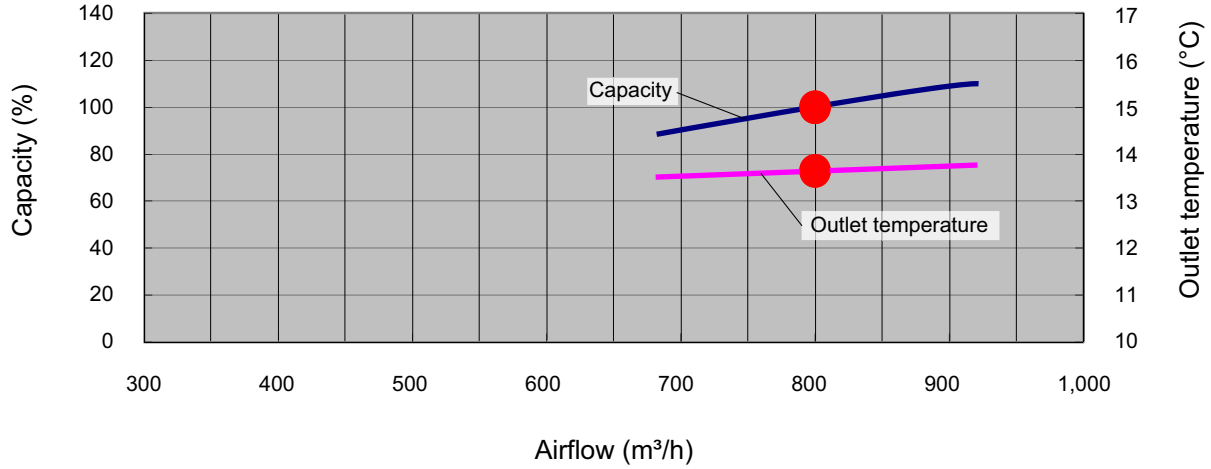


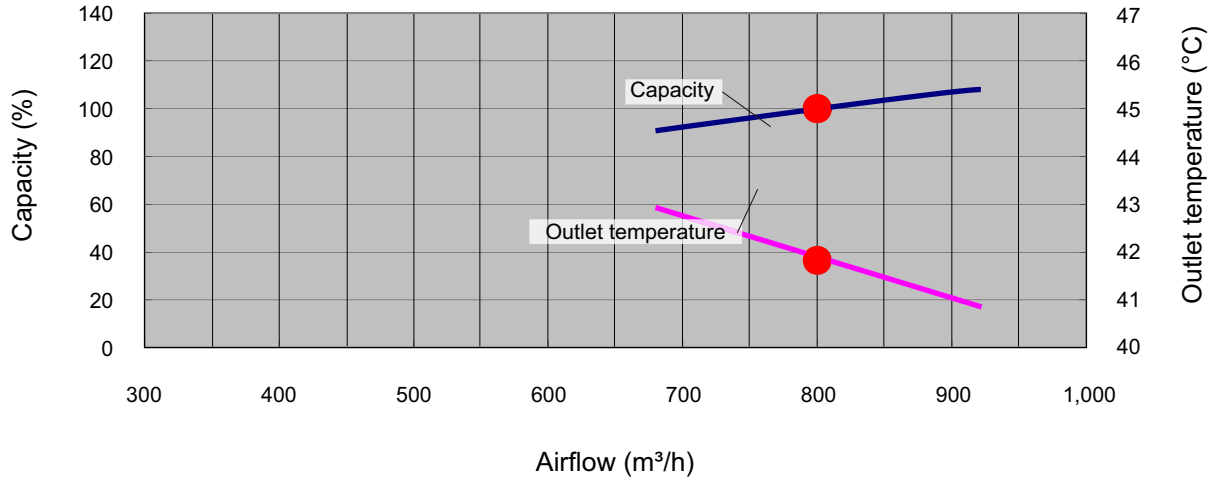

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

- Fan speed: HIGH
- Horizontal louver: Up

## Cooling




## Heating

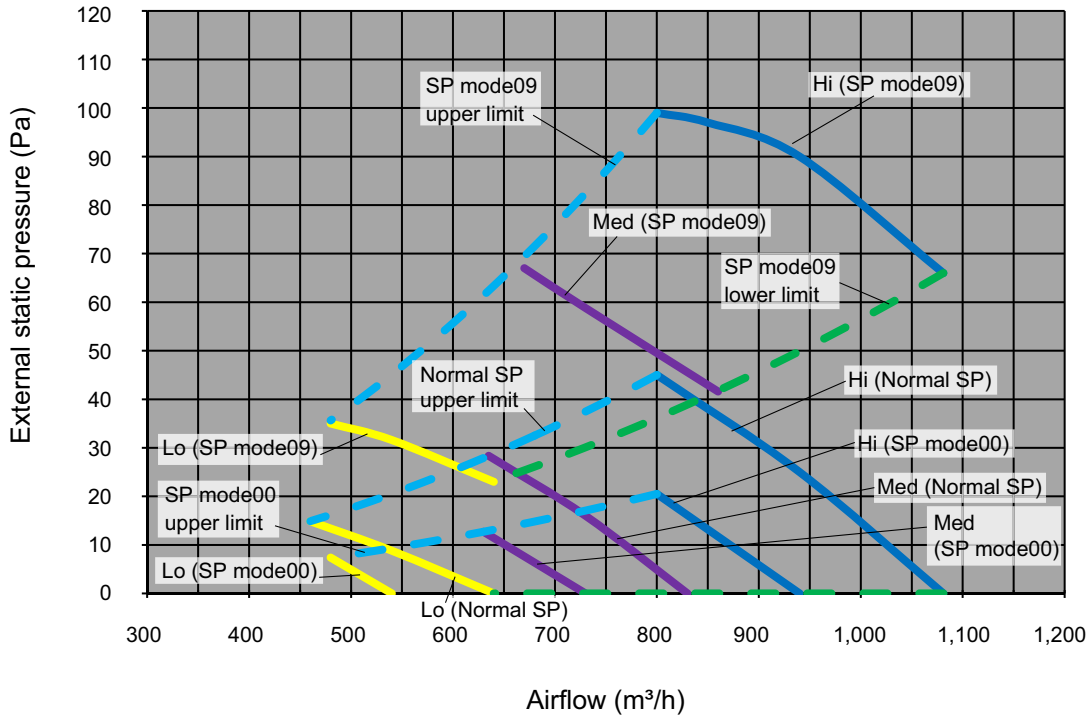


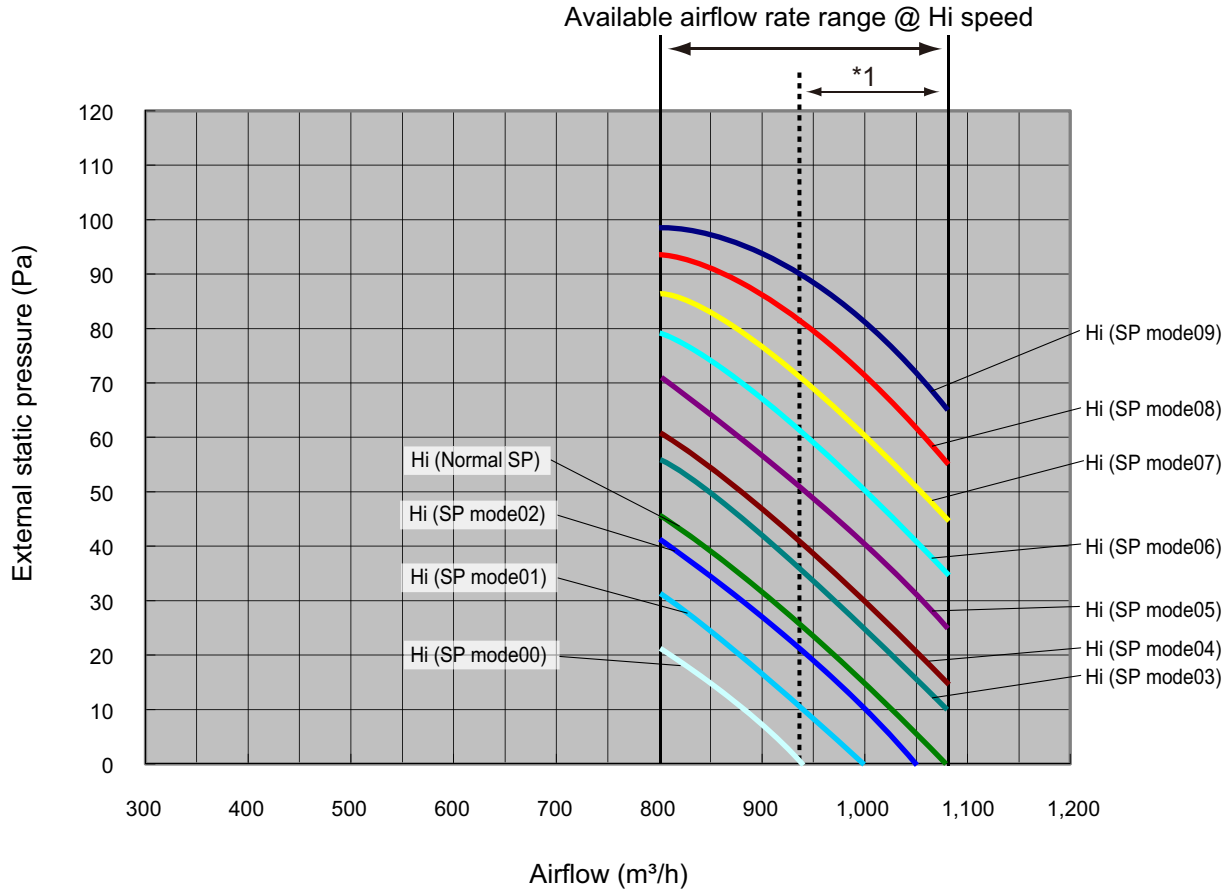



INDOOR UNITS

# ■ Model: ARXD018GLEH



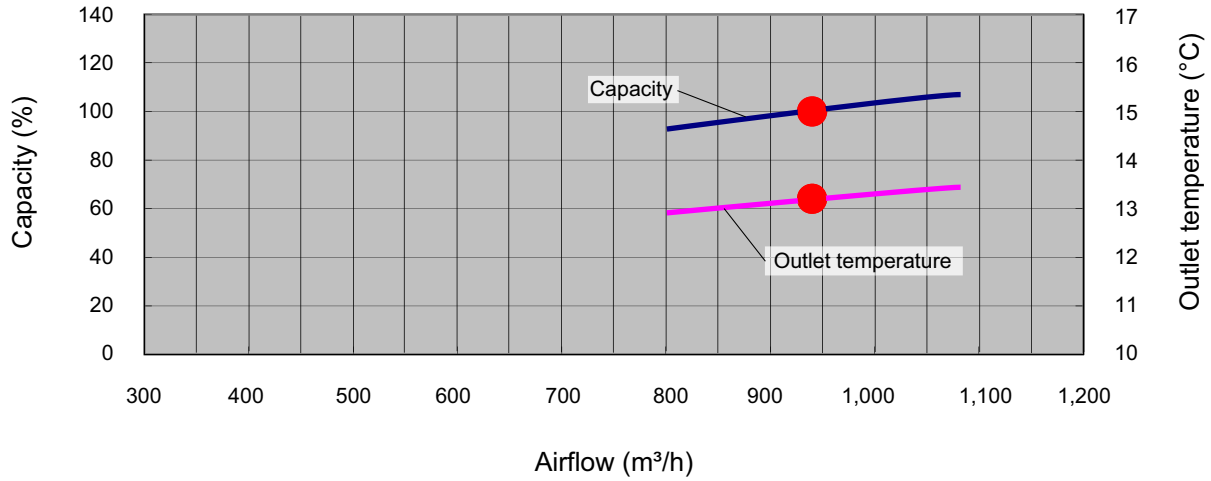


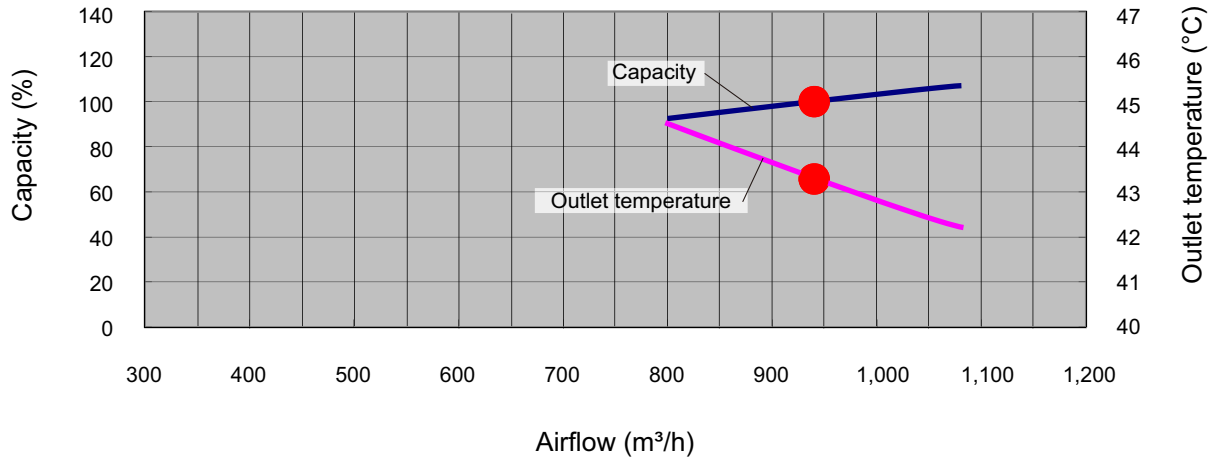

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

- Fan speed: HIGH
- Horizontal louver: Up

## Cooling




## Heating

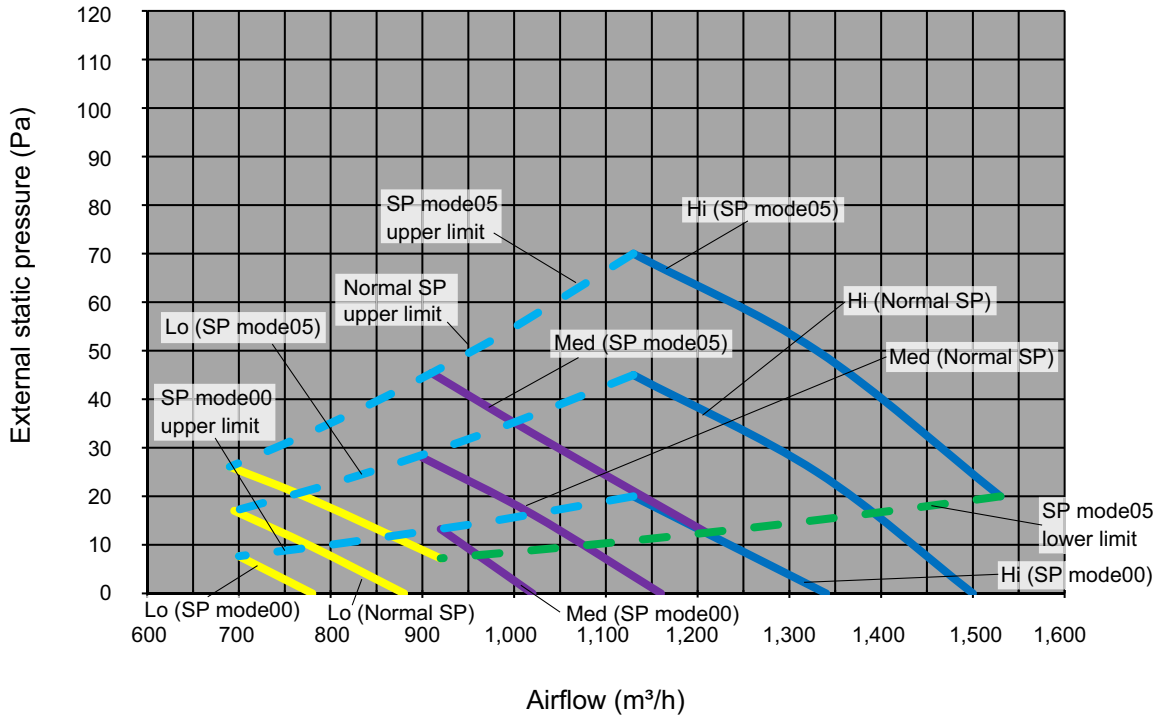


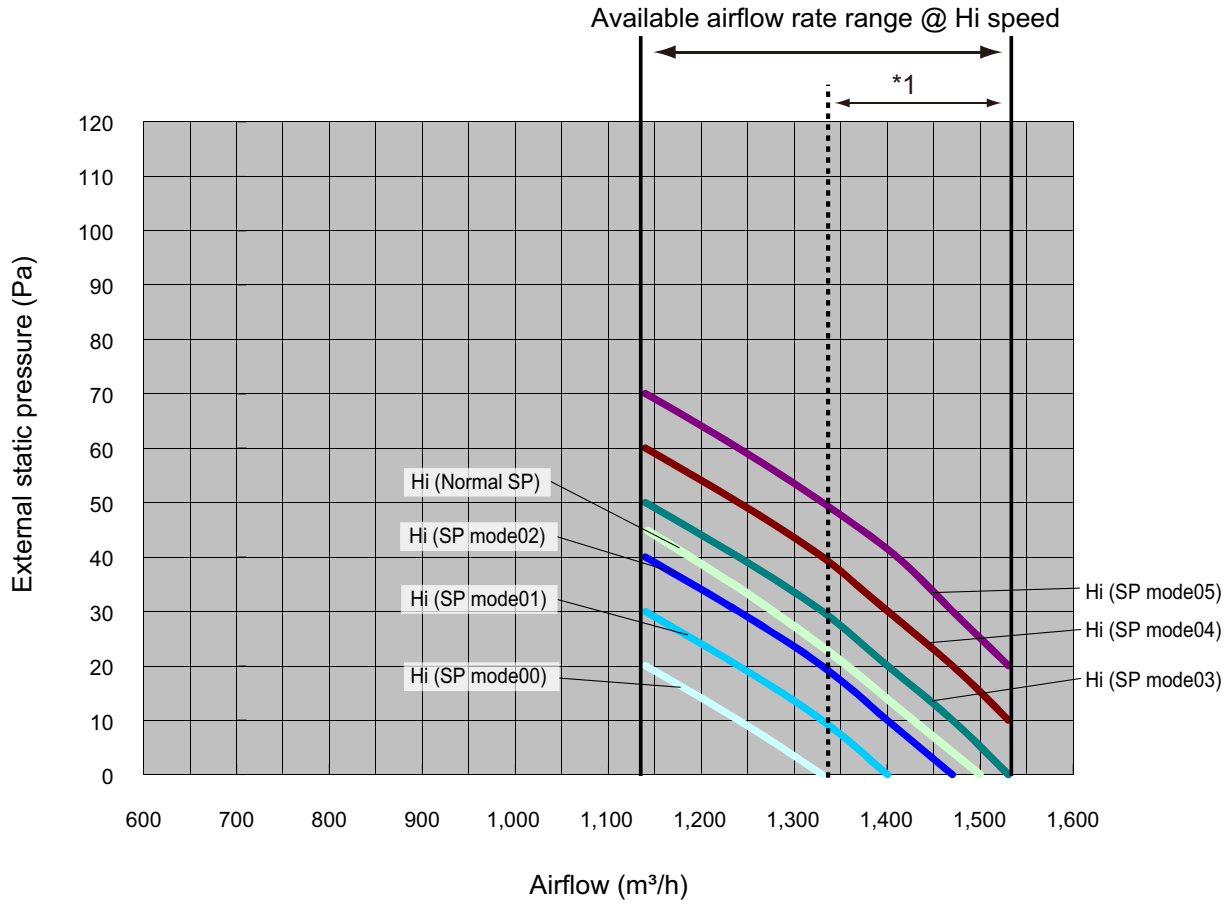



INDOOR UNITS

# ■ Model: ARXD024GLEH



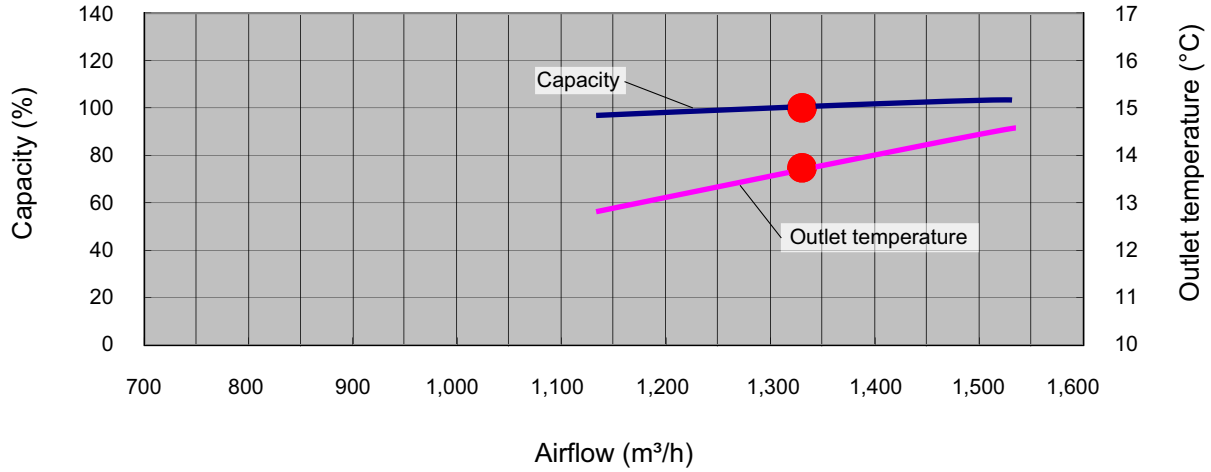


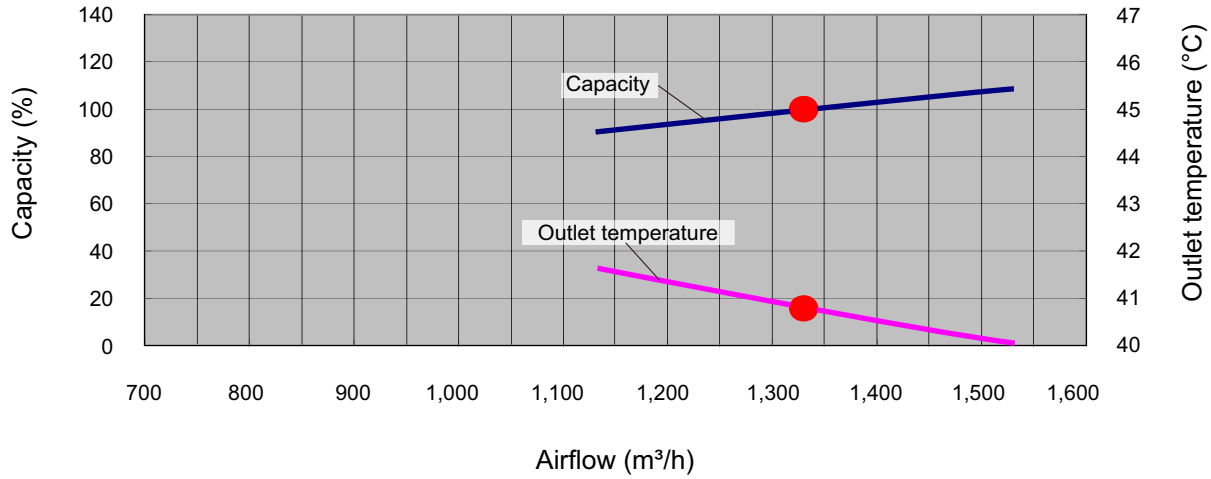

*1: Available airflow rate range when Auto Louver Grille Kit (option) is installed.

- Fan speed: HIGH
- Horizontal louver: Up

## Cooling




## Heating

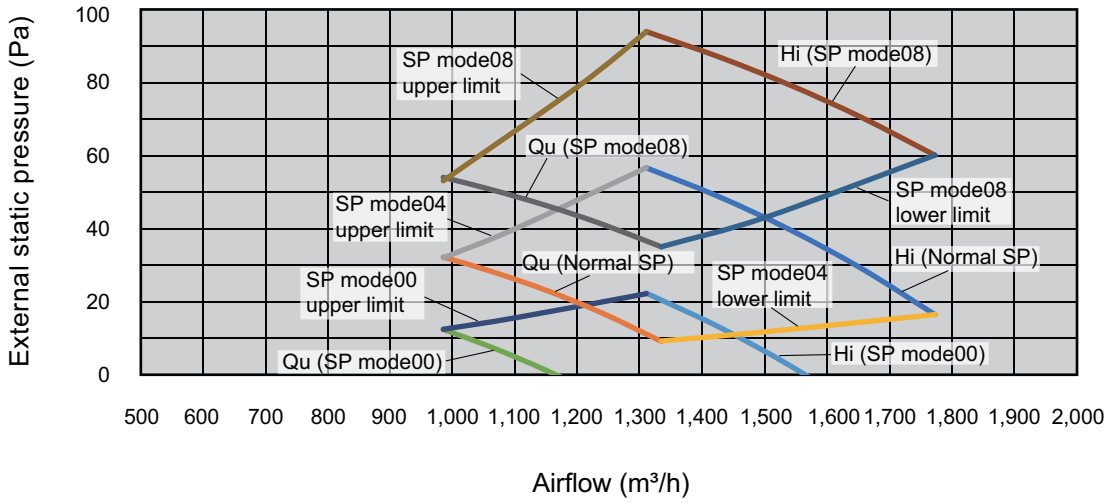


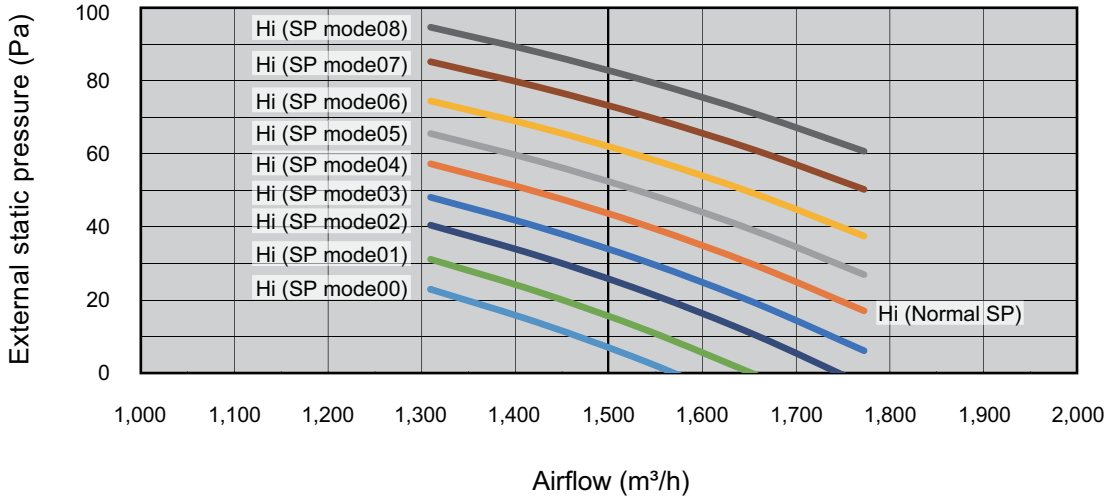



INDOOR UNITS

# 7-3. Low static pressure duct type (High efficiency)

## ■ Model: ARXP018GLFH

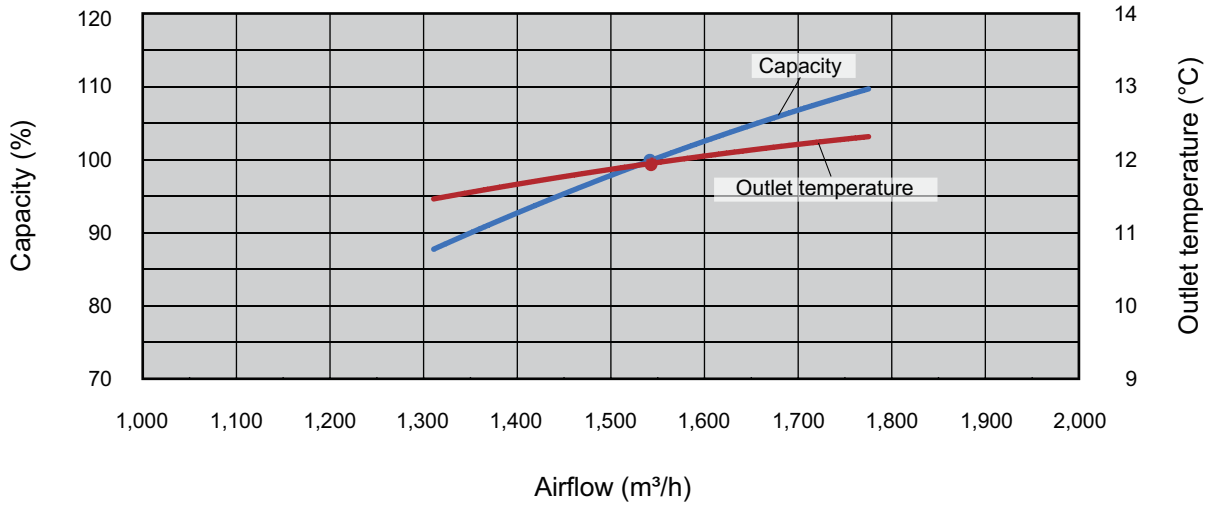


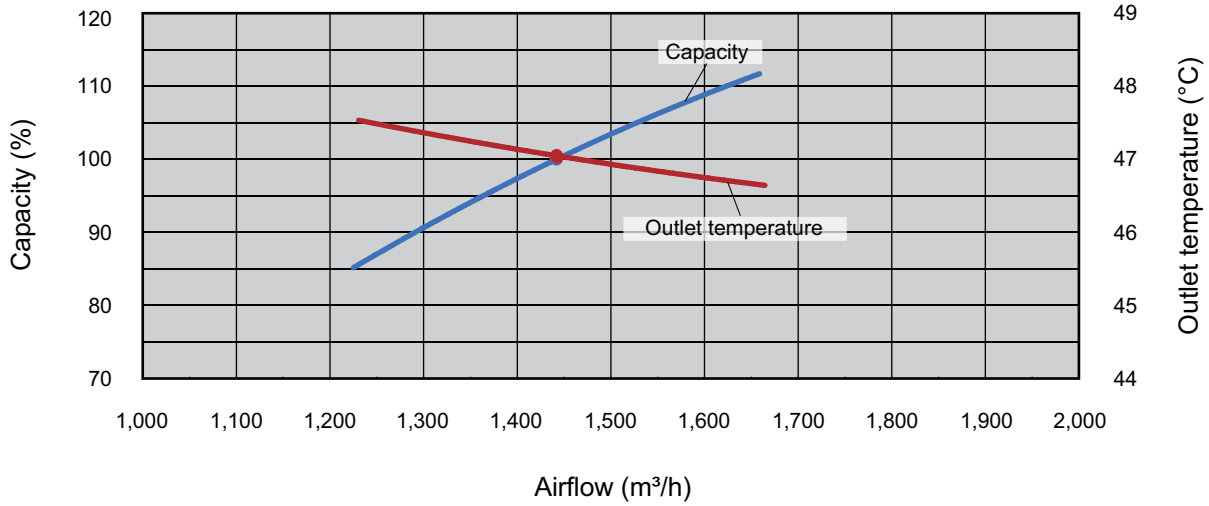



INDOOR UNITS

## Cooling



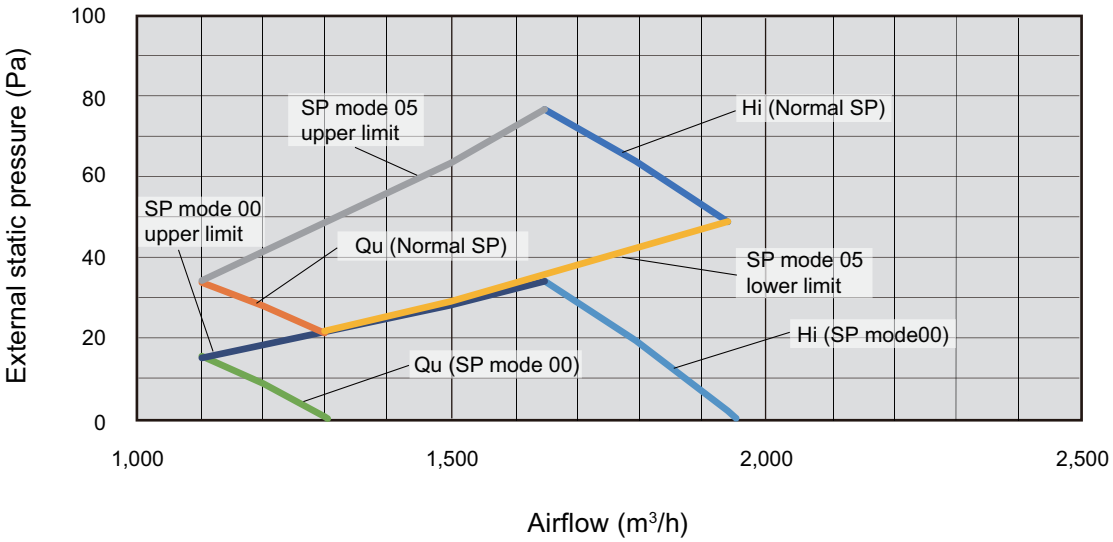

## Heating

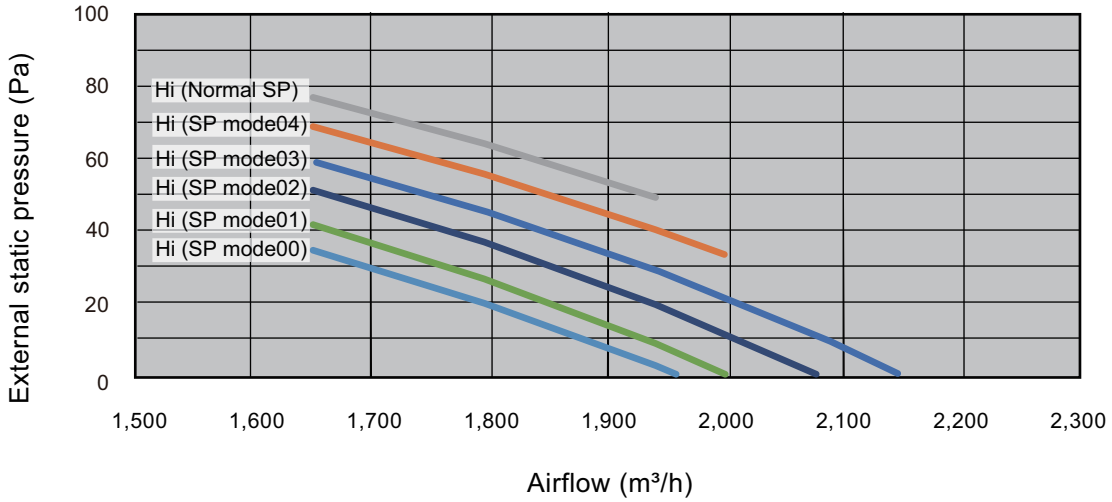





INDOOR UNITS

# ■ Model: ARXP030GLFH

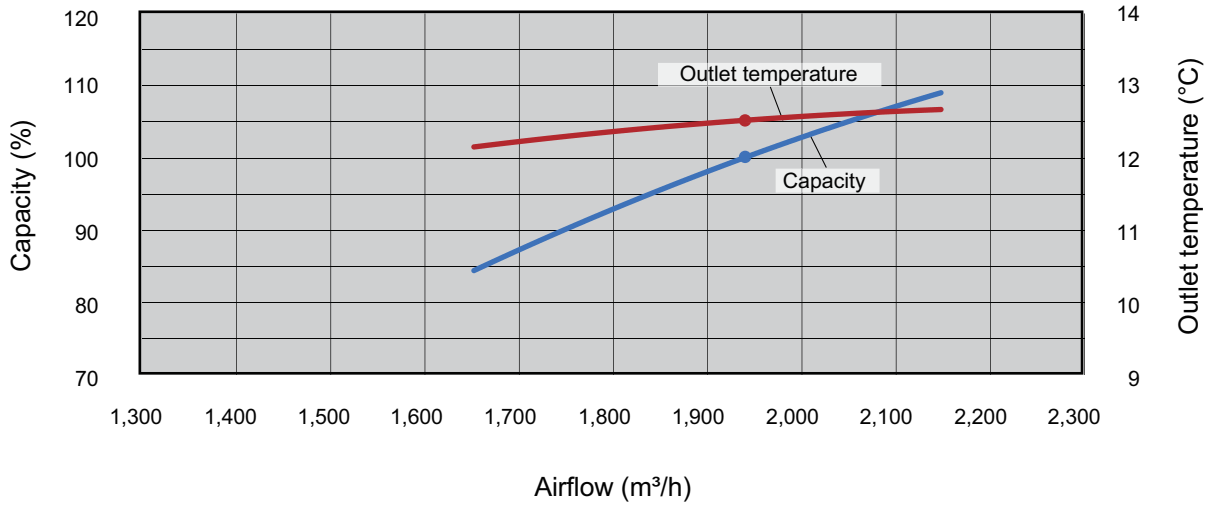


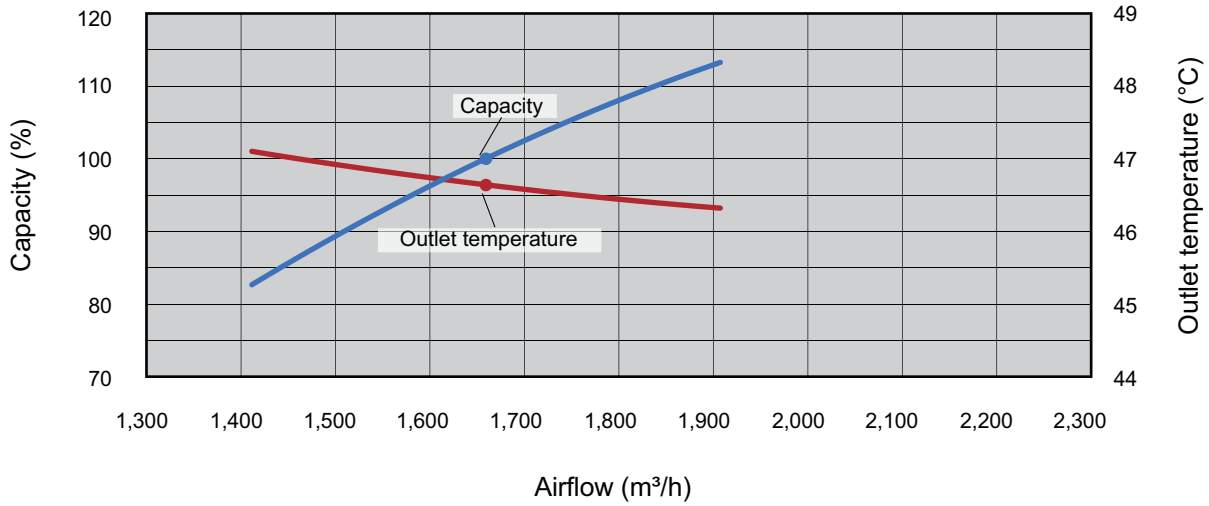



INDOOR UNITS

## Cooling




## Heating

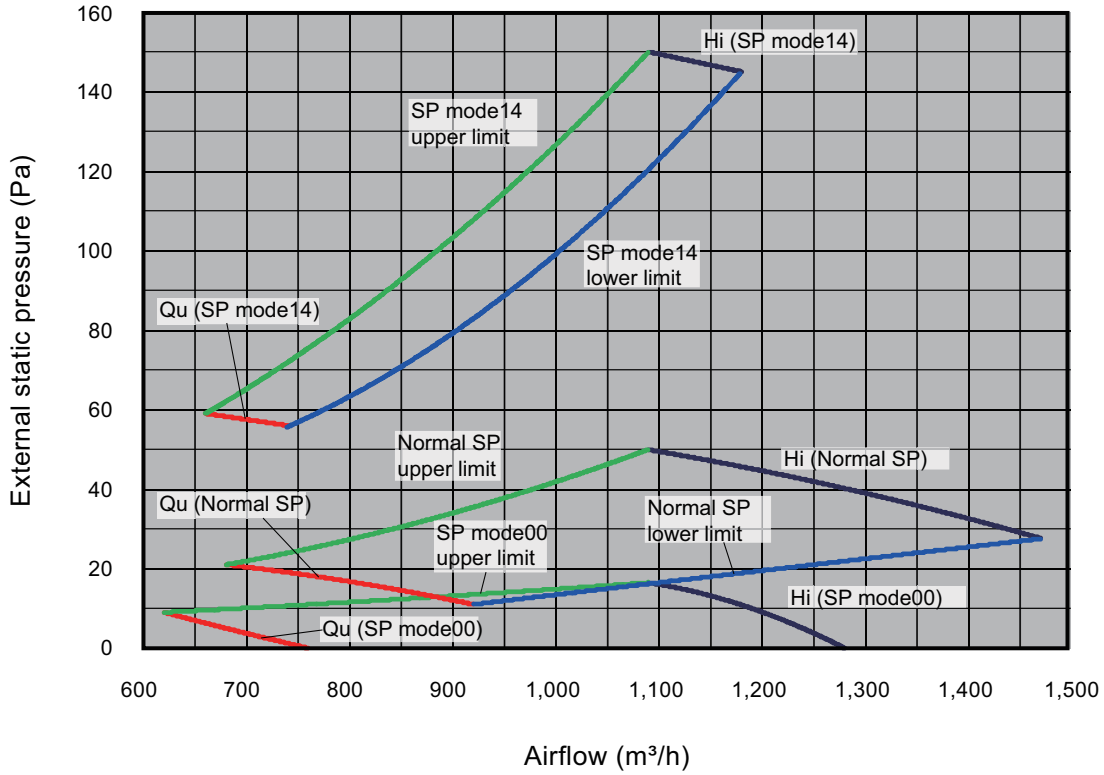


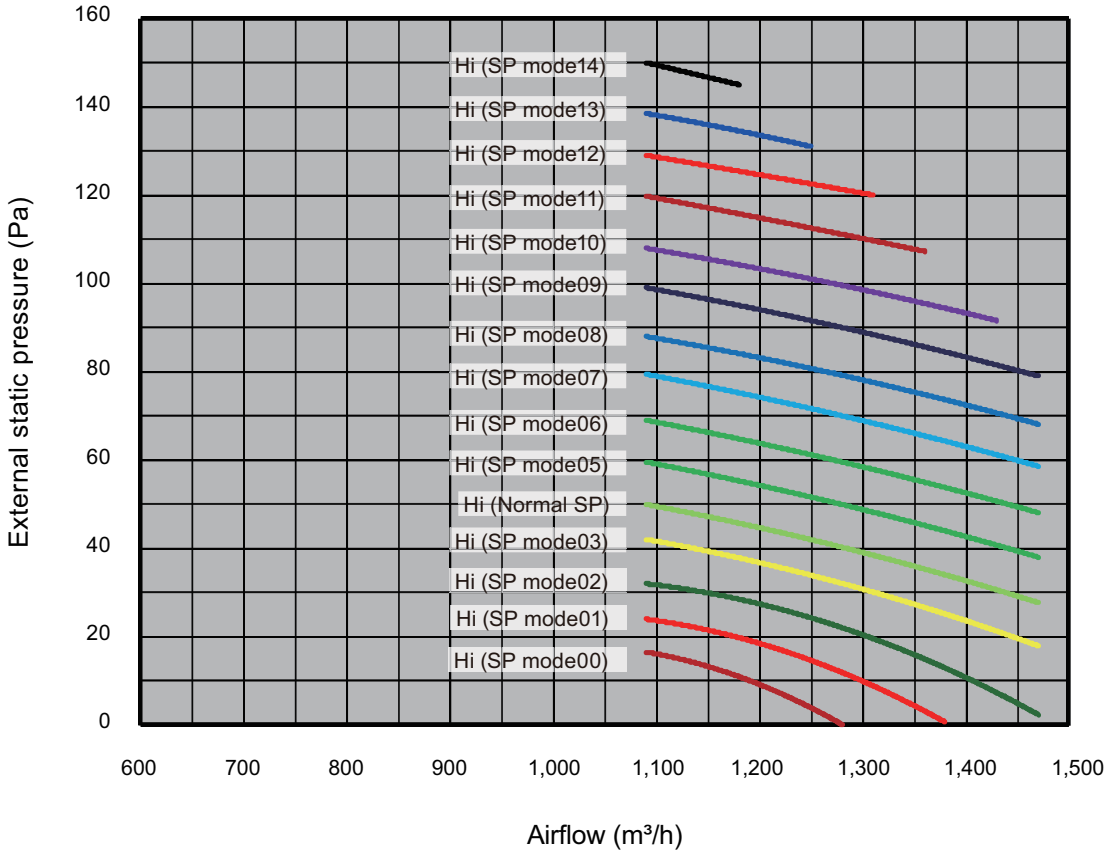



INDOOR UNITS

# 7-4. Medium static pressure duct type

## ■ Model: ARXA024GLEH

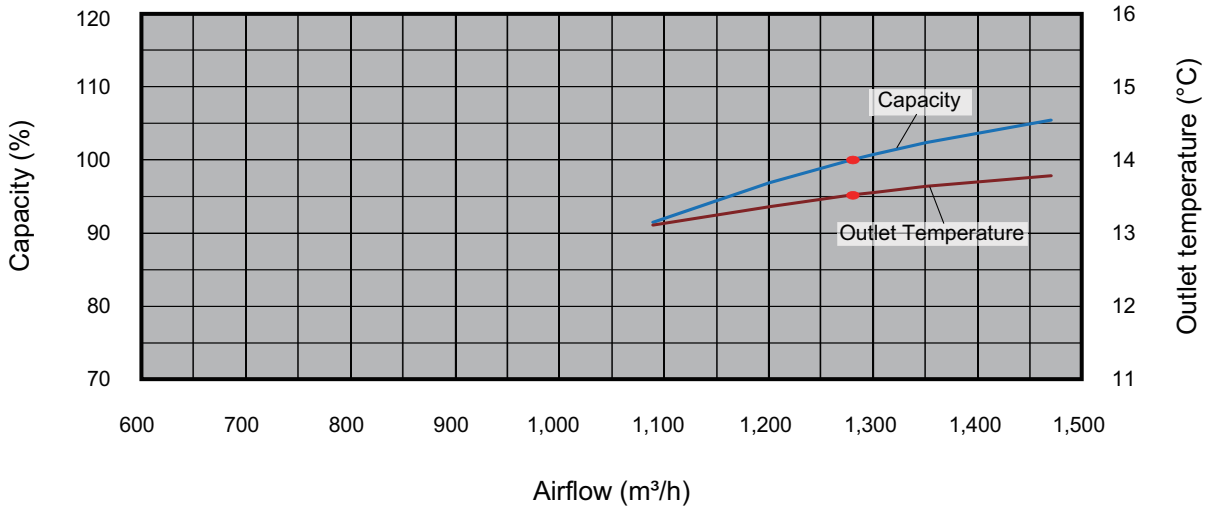


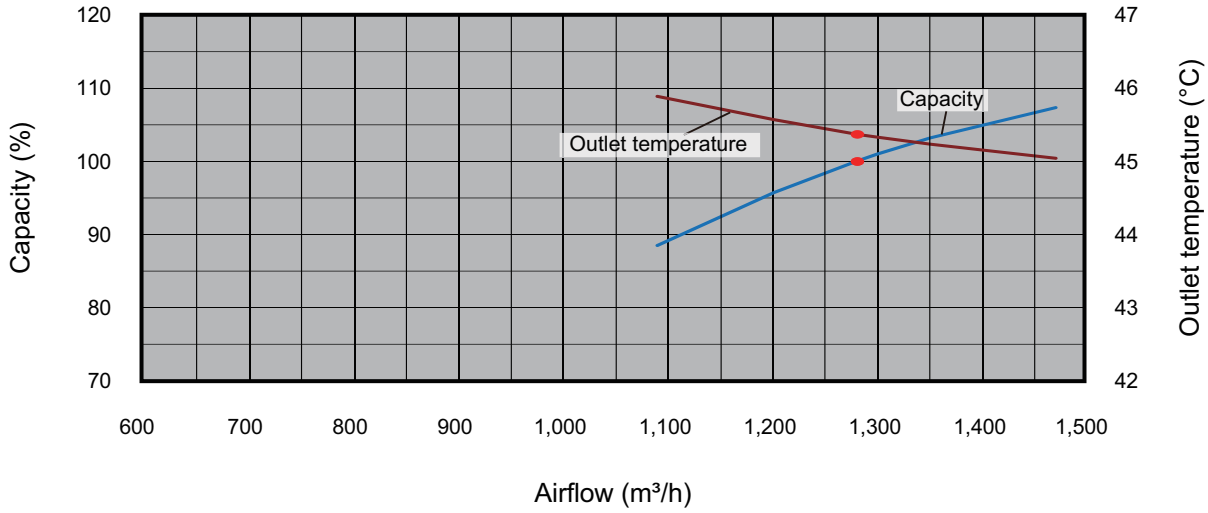



INDOOR UNITS

## Cooling



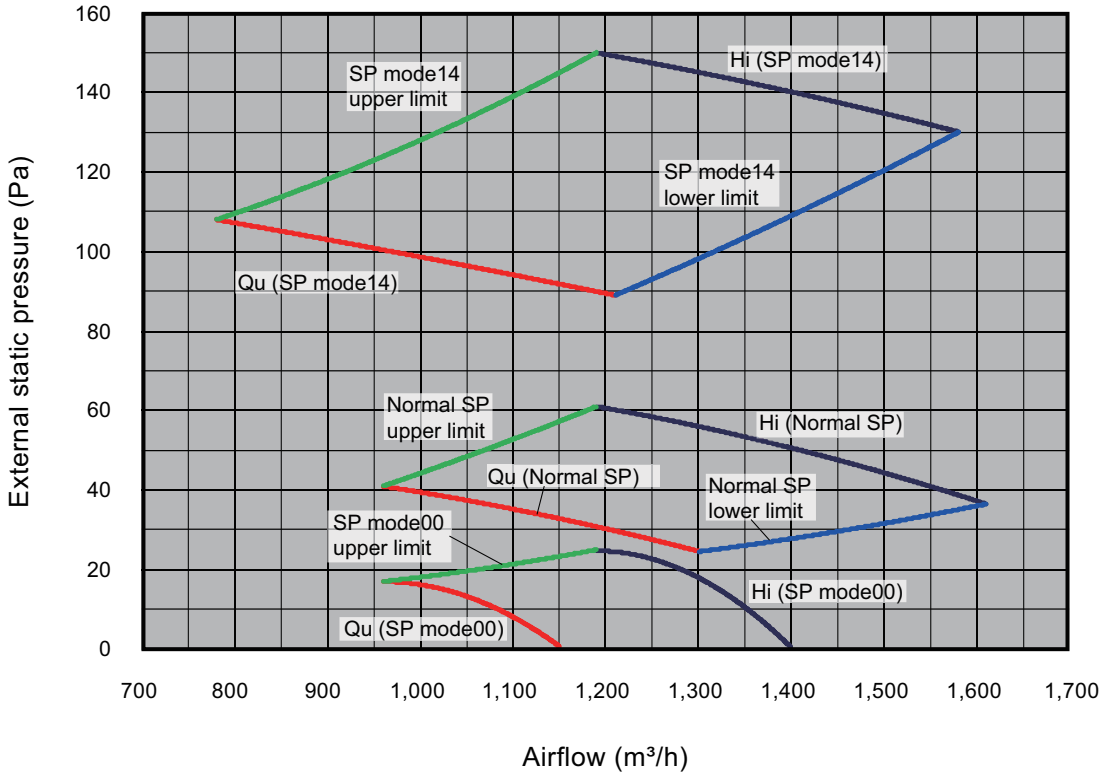

## Heating

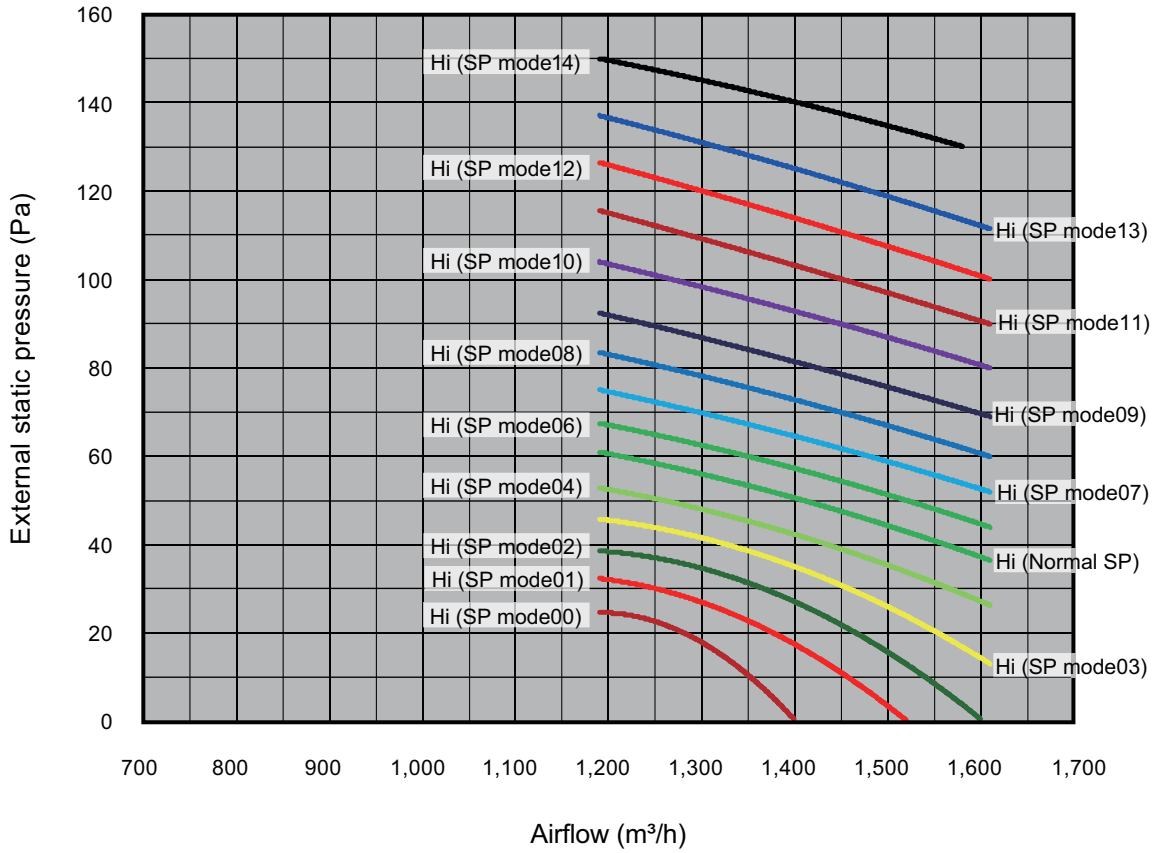



INDOOR UNITS

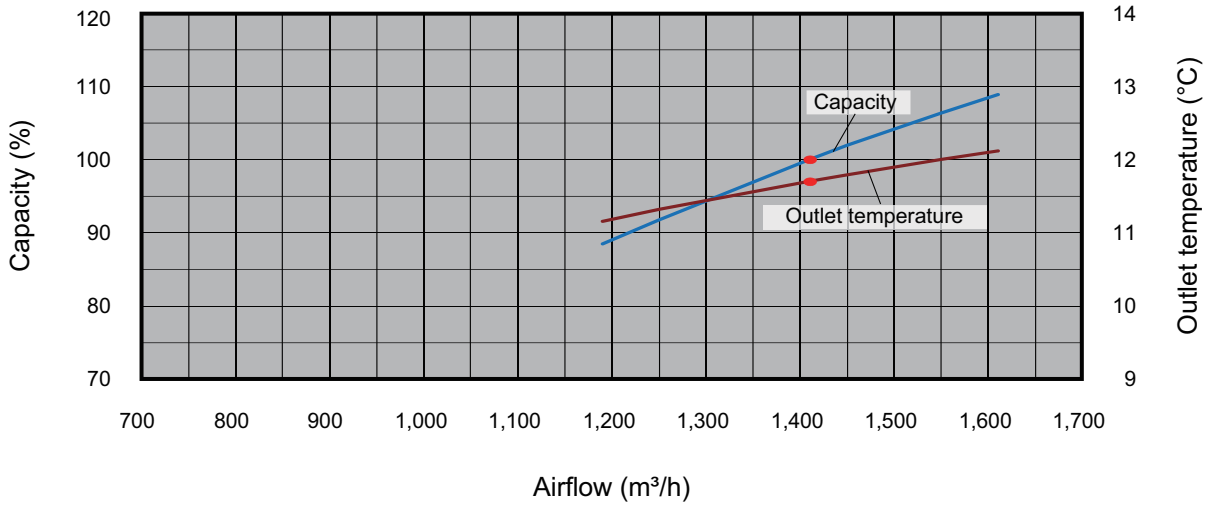
# ■ Model: ARXA030GLEH



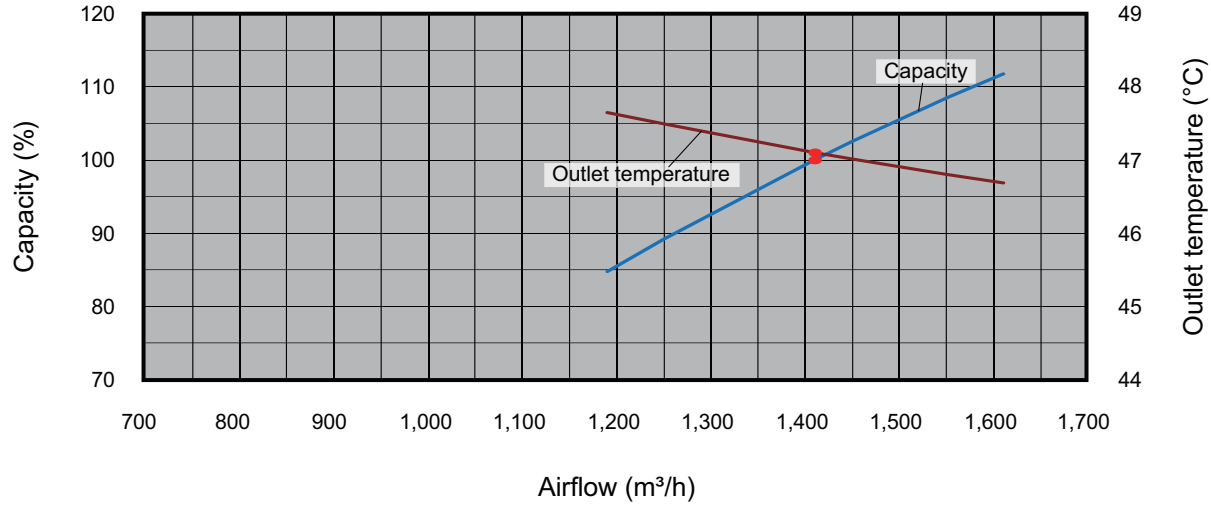


## Cooling



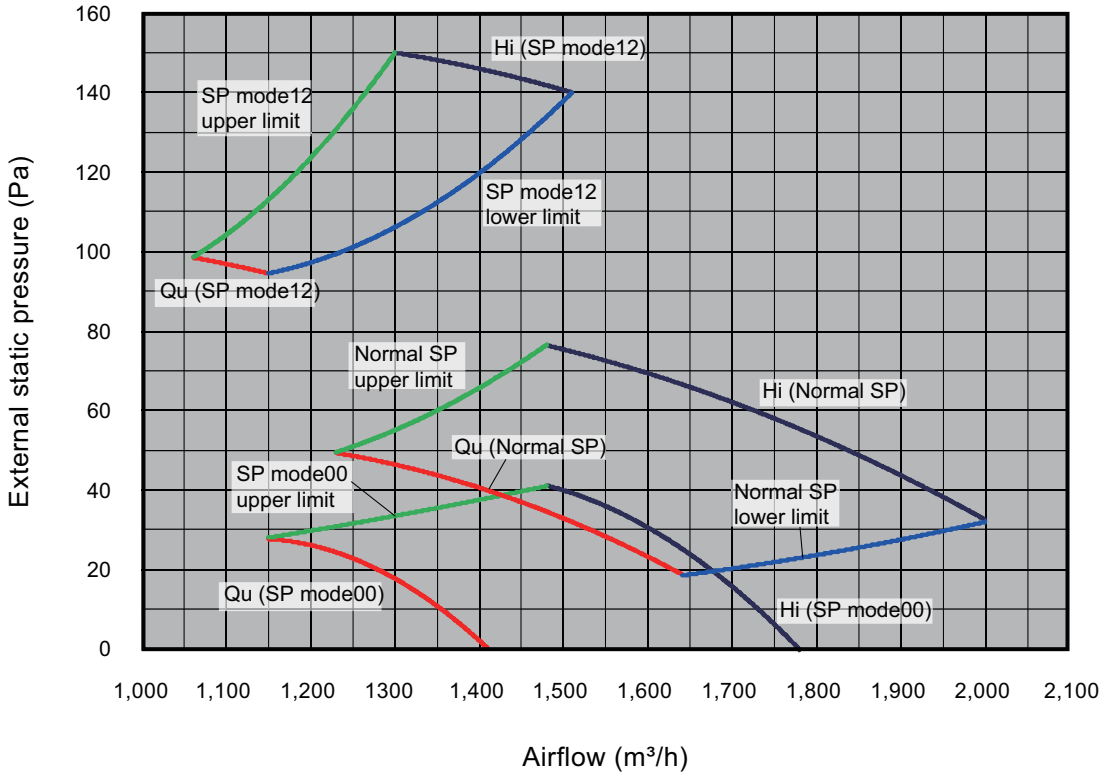

## Heating

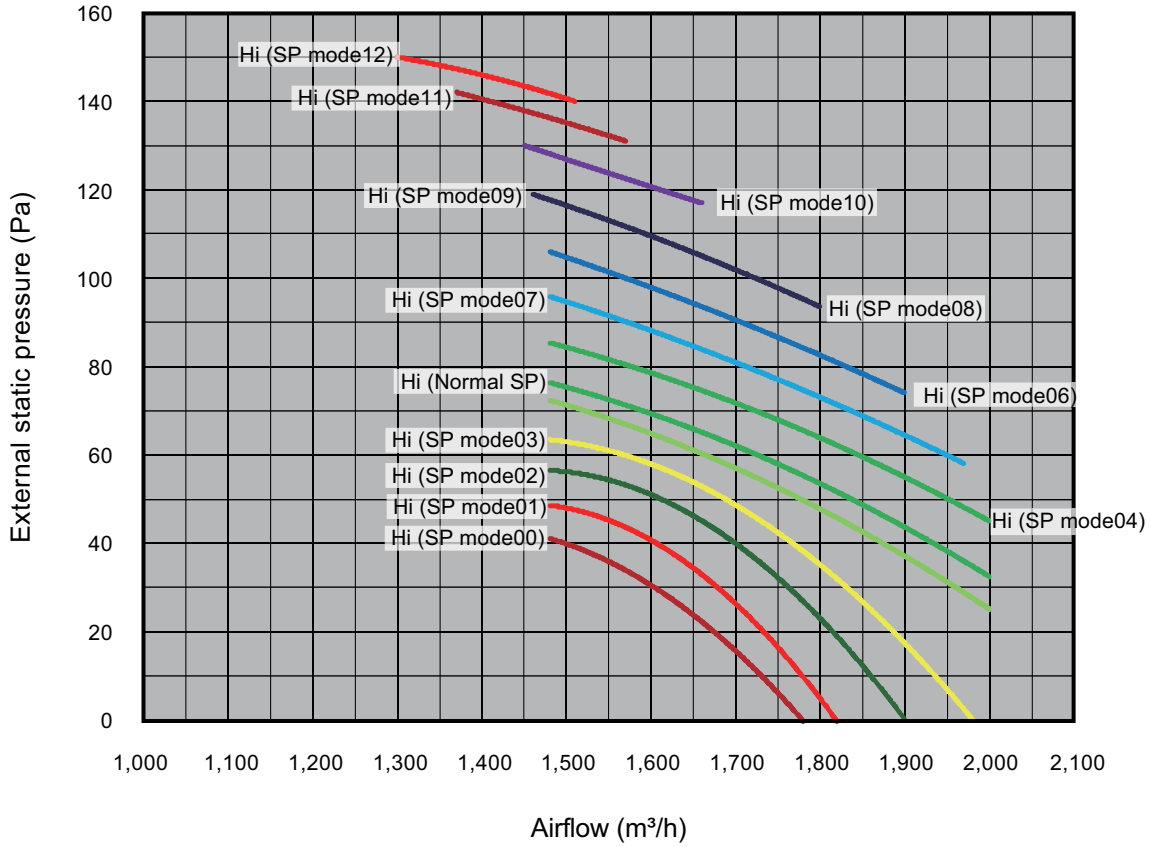





INDOOR UNITS

# ■ Model: ARXA036GLEH

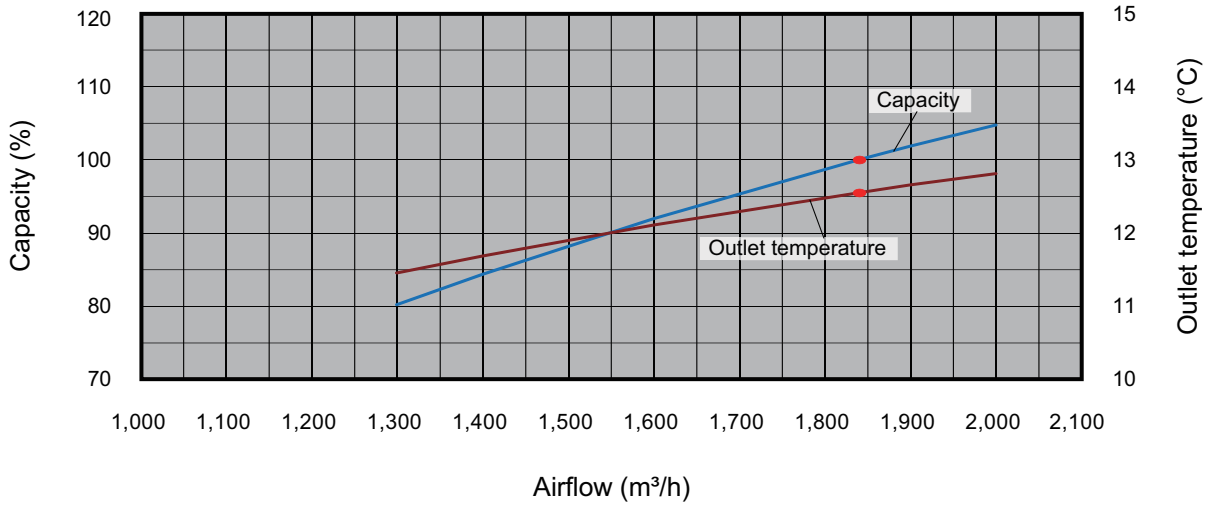


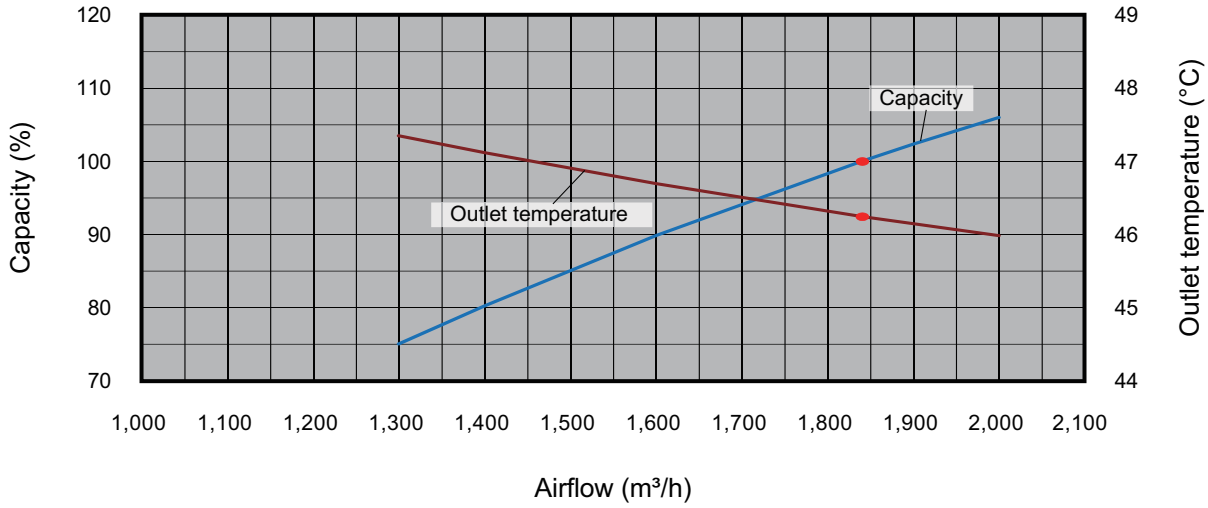



INDOOR UNITS

## Cooling




## Heating

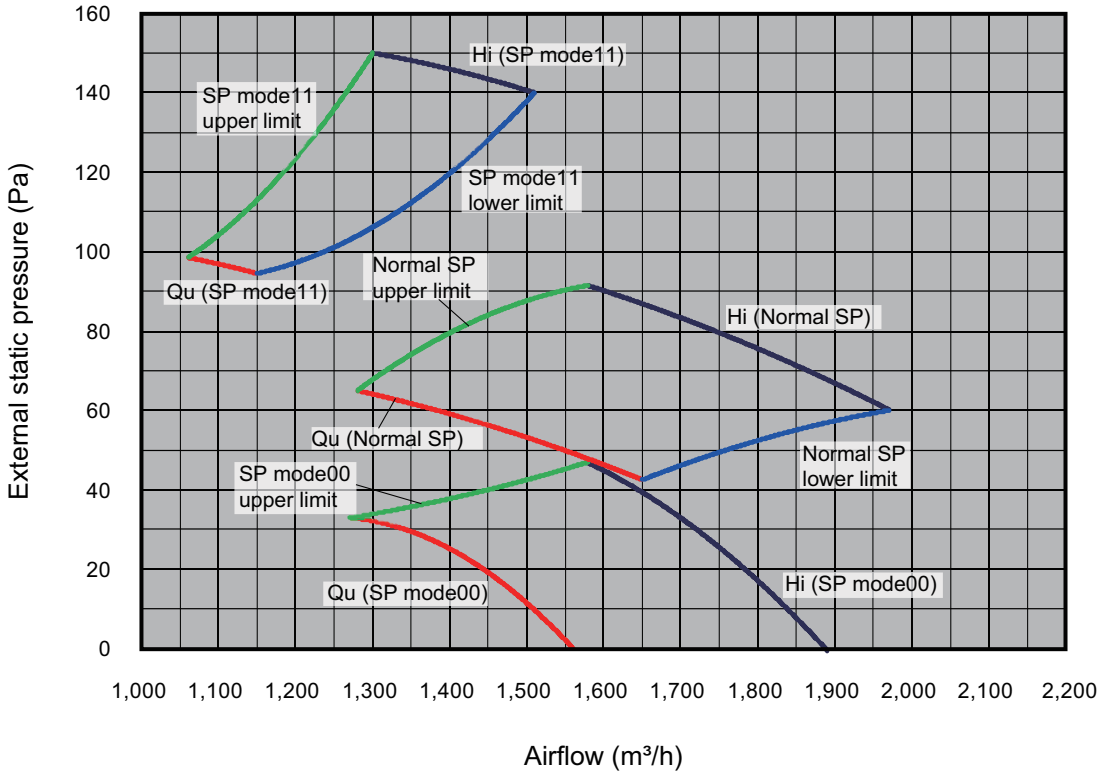


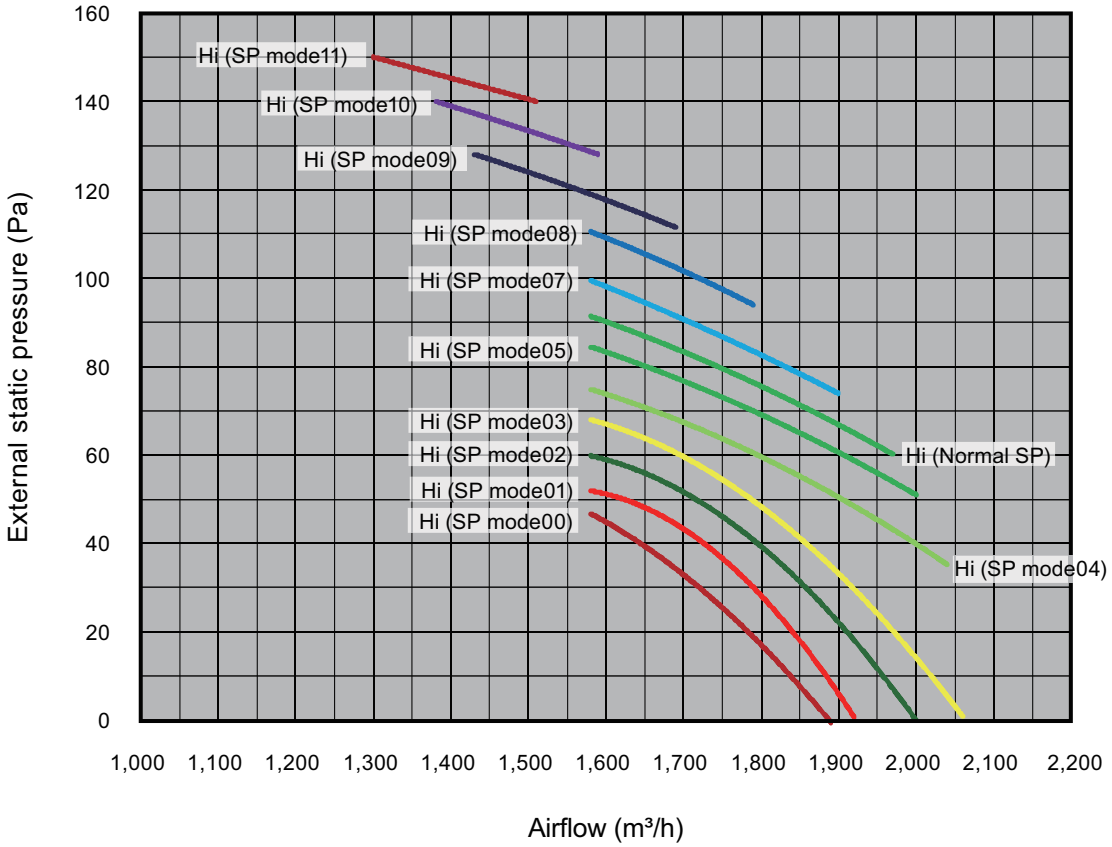



INDOOR UNITS

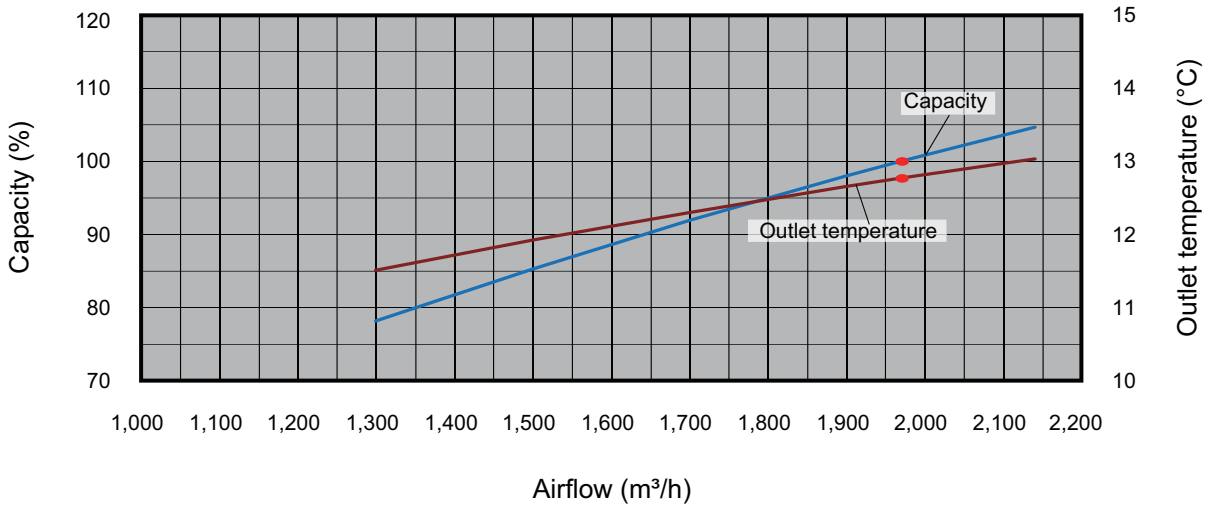
# ■ Model: ARXA045GLEH



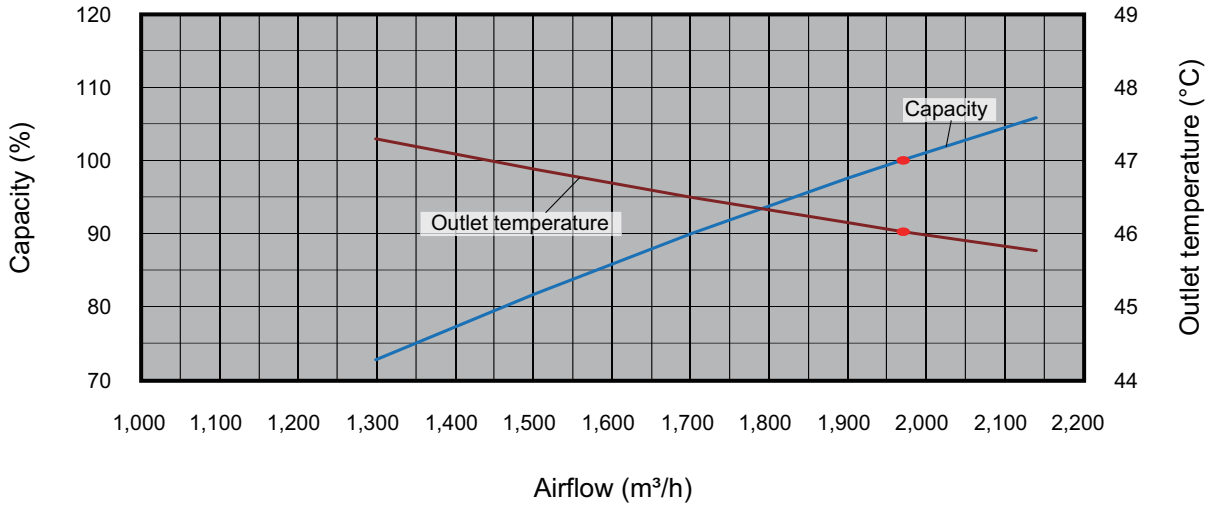


## Cooling




## Heating

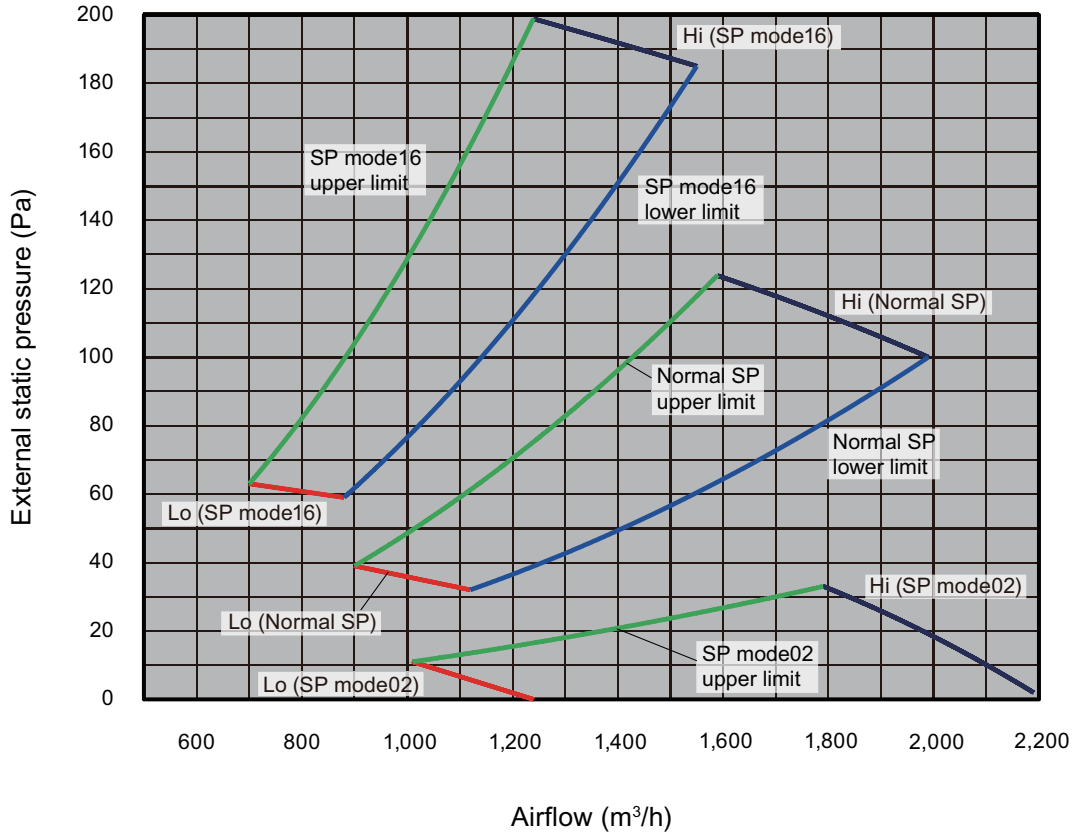


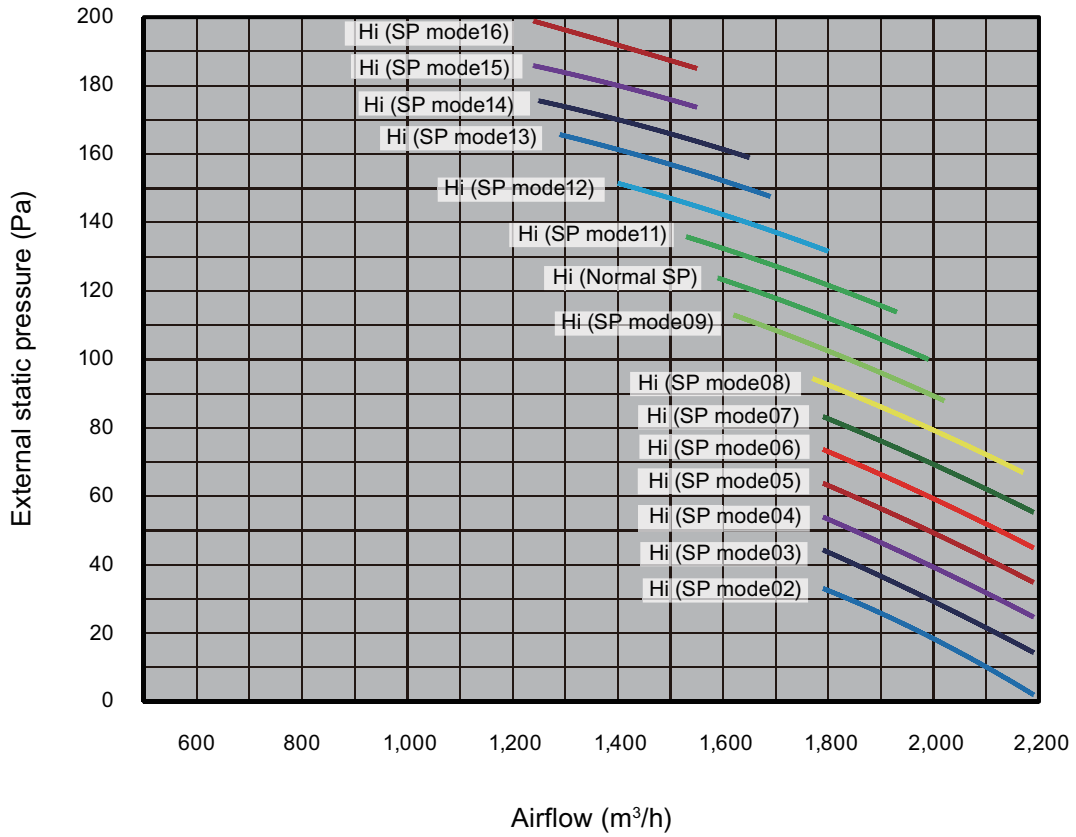



INDOOR UNITS

# 7-5. High static pressure duct type

## ■ Model: ARXC036GTEH

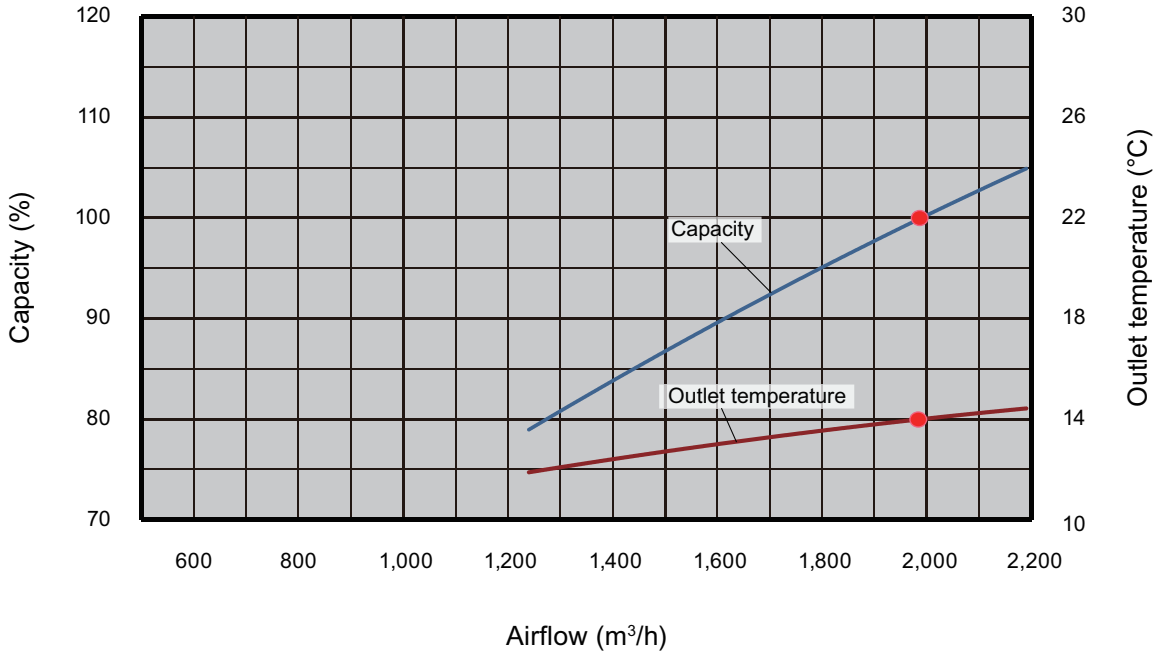


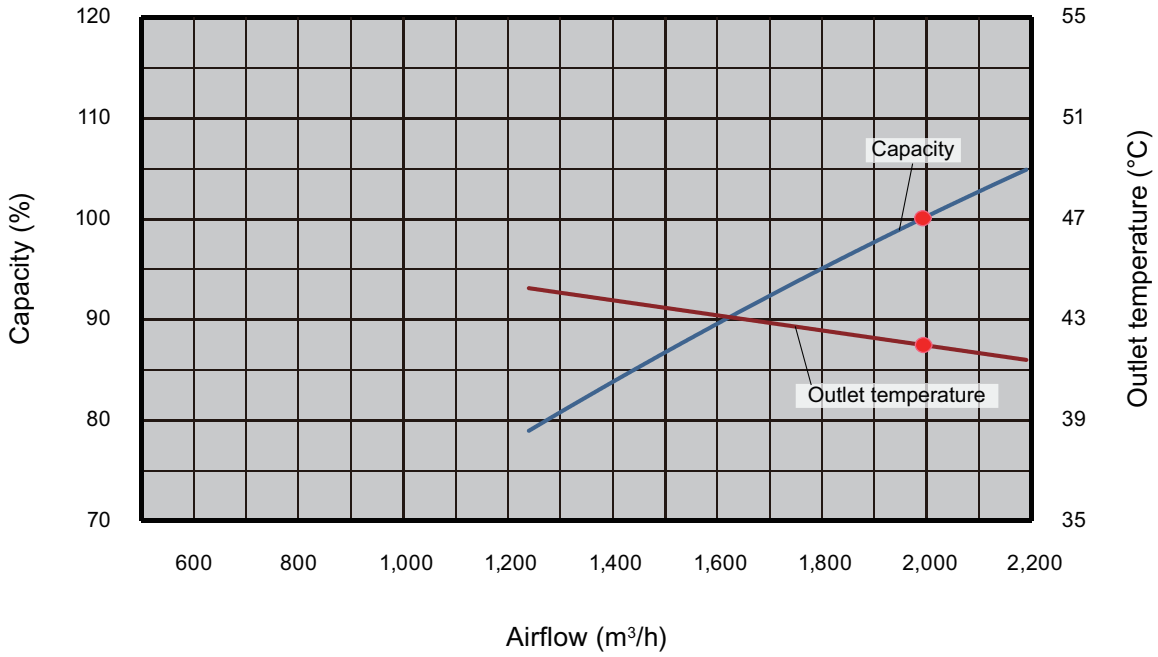



INDOOR UNITS

## Cooling



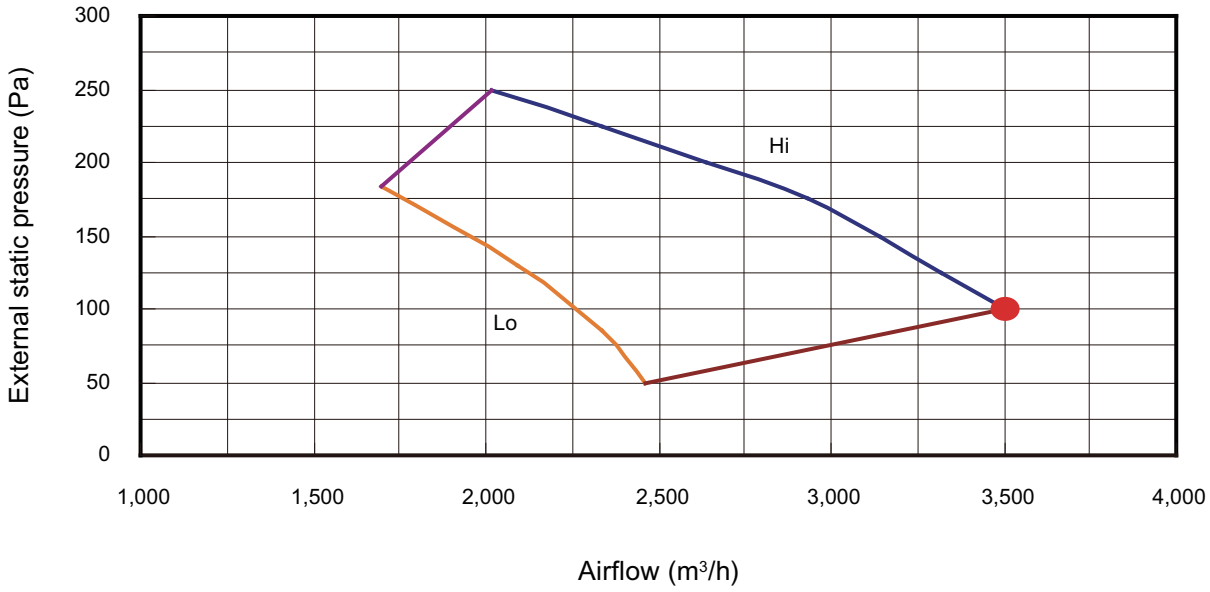

## Heating



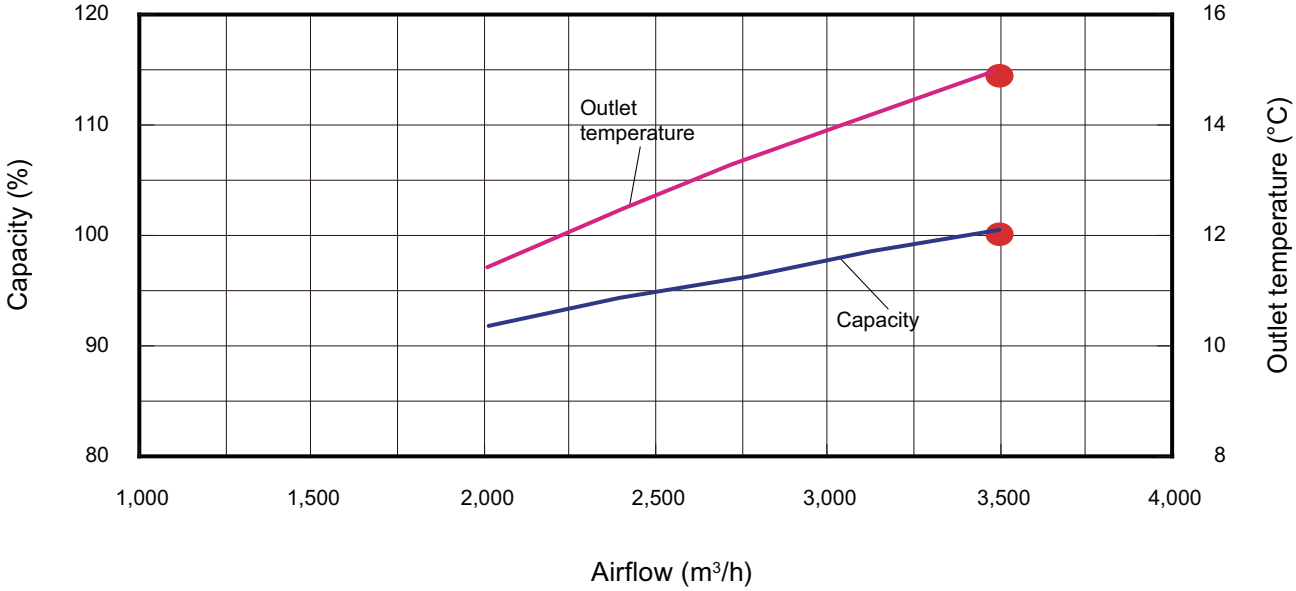
# ■ Model: ARXC045GTEH



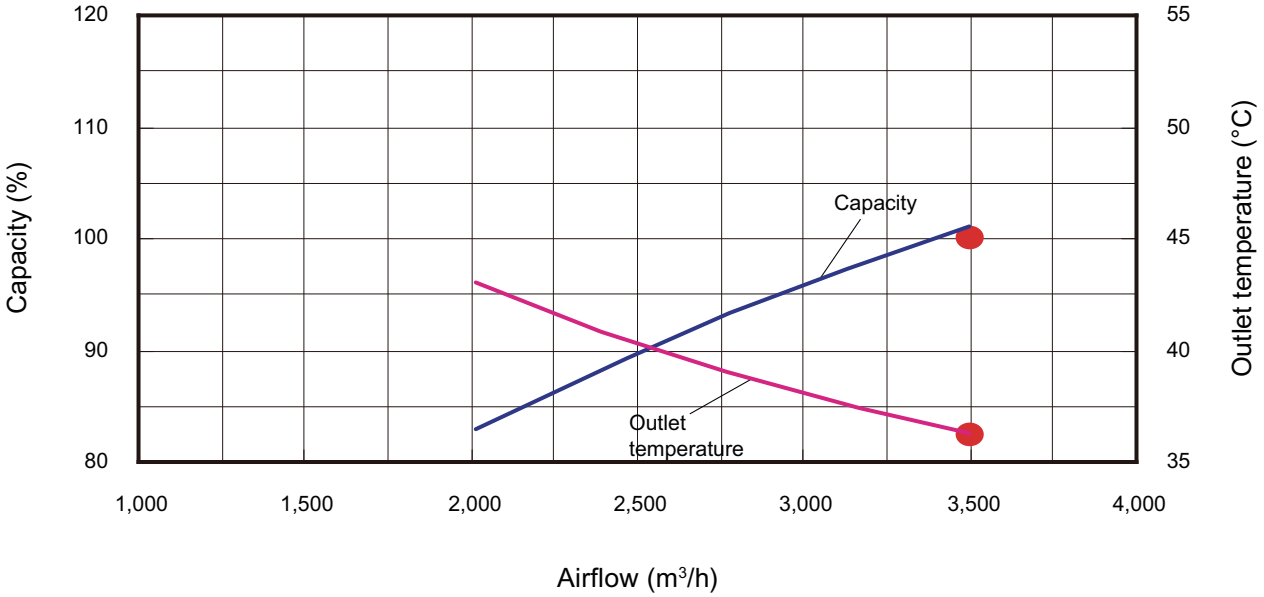
INDOOR UNITS



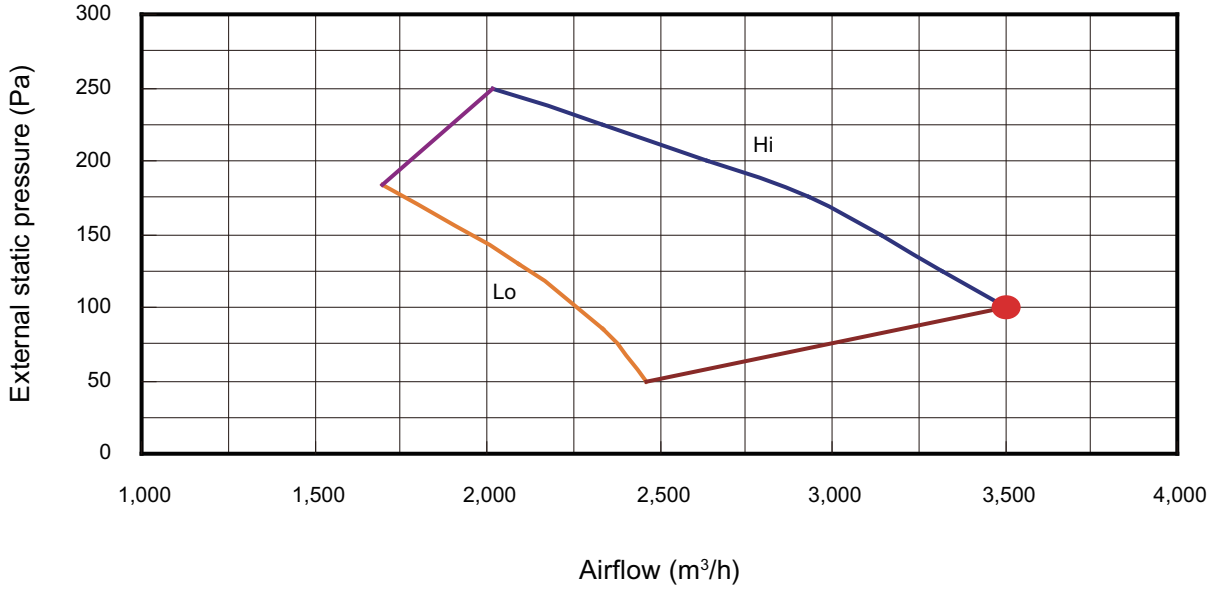

## Cooling



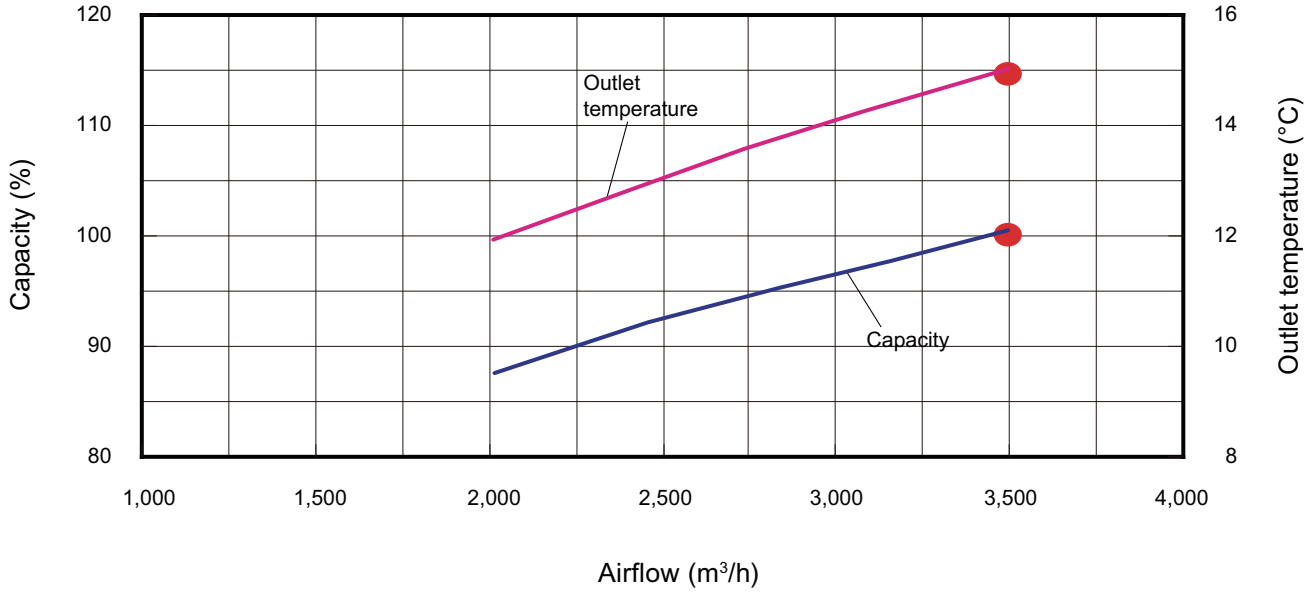

## Heating



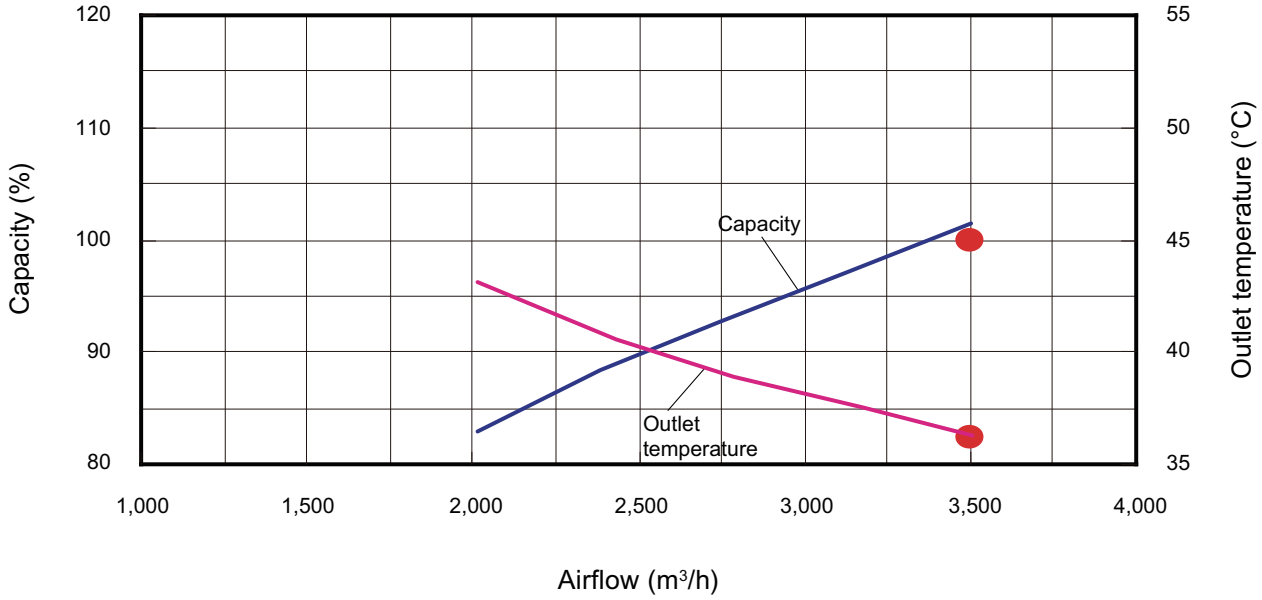
# ■ Model: ARXC060GTEH




## Cooling

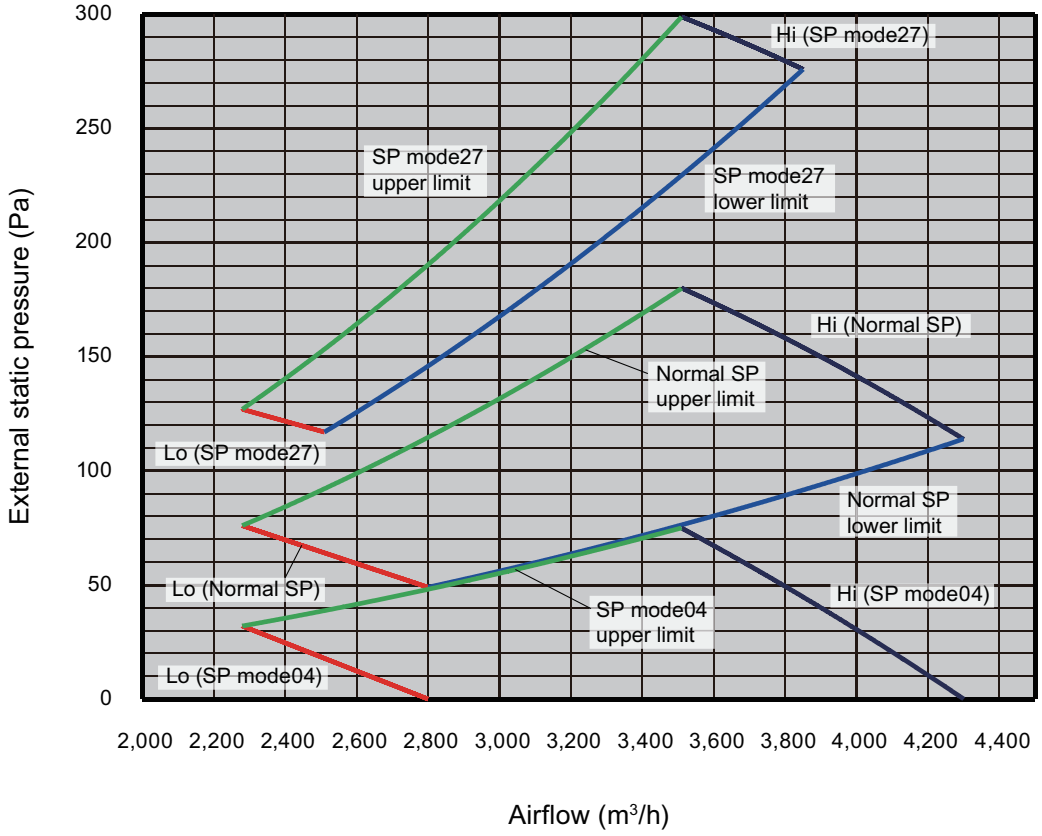


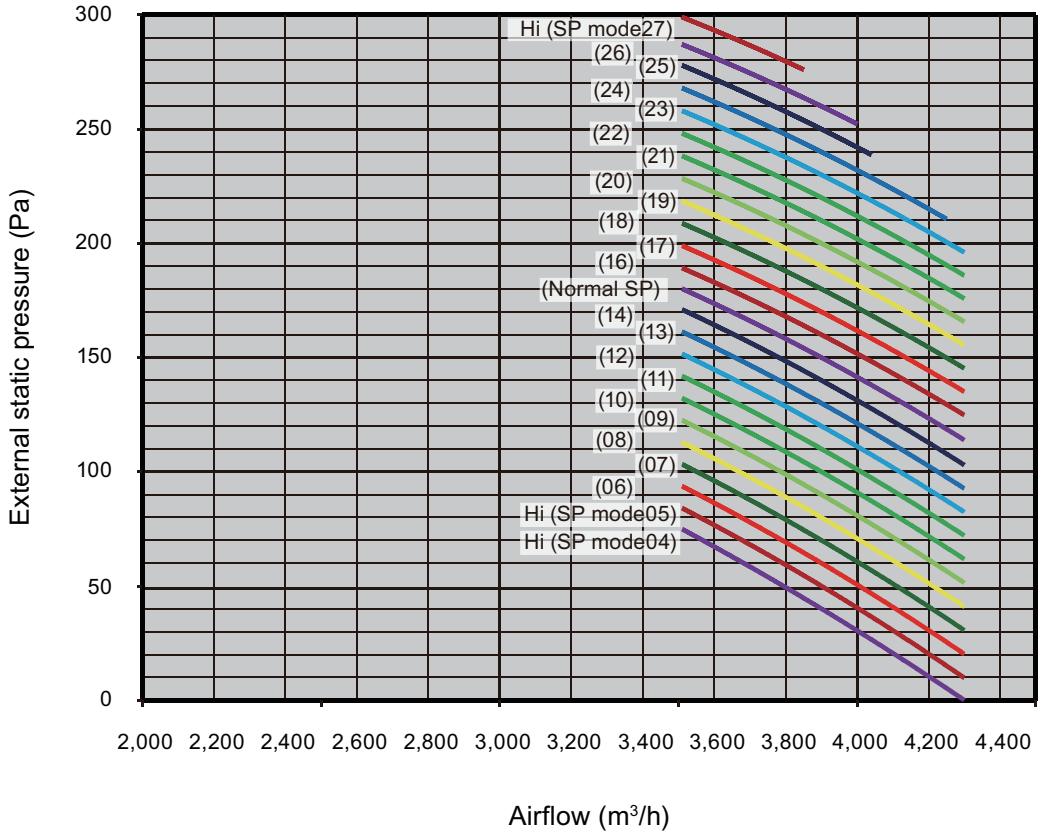

## Heating



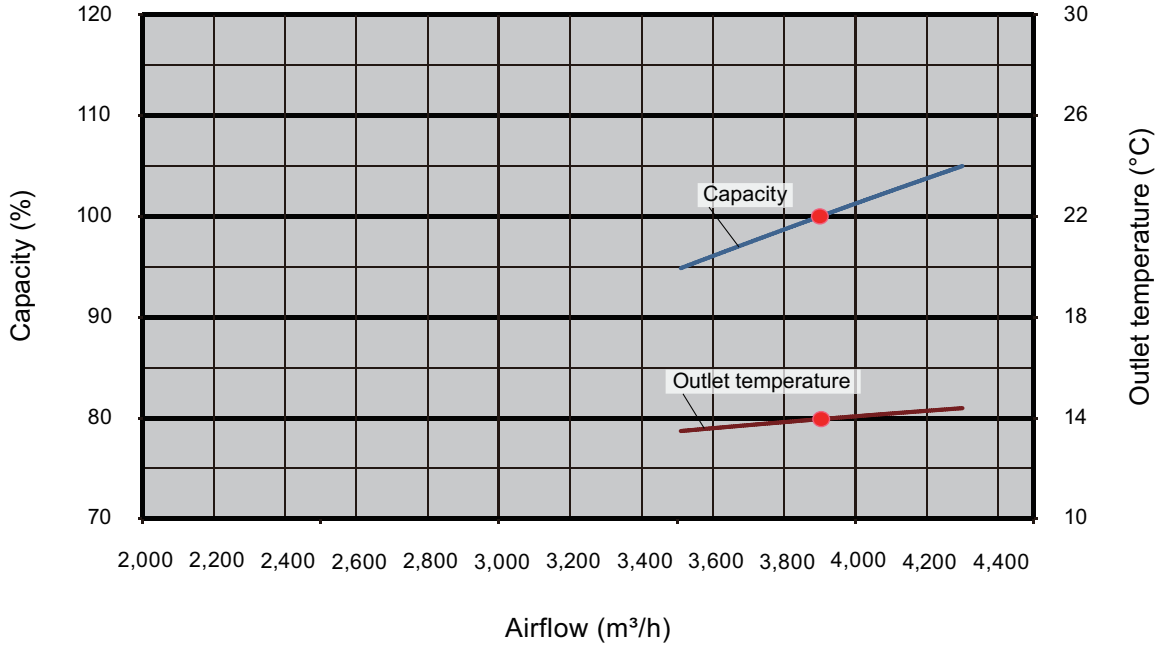
# ■ Model: ARXC072GTEH



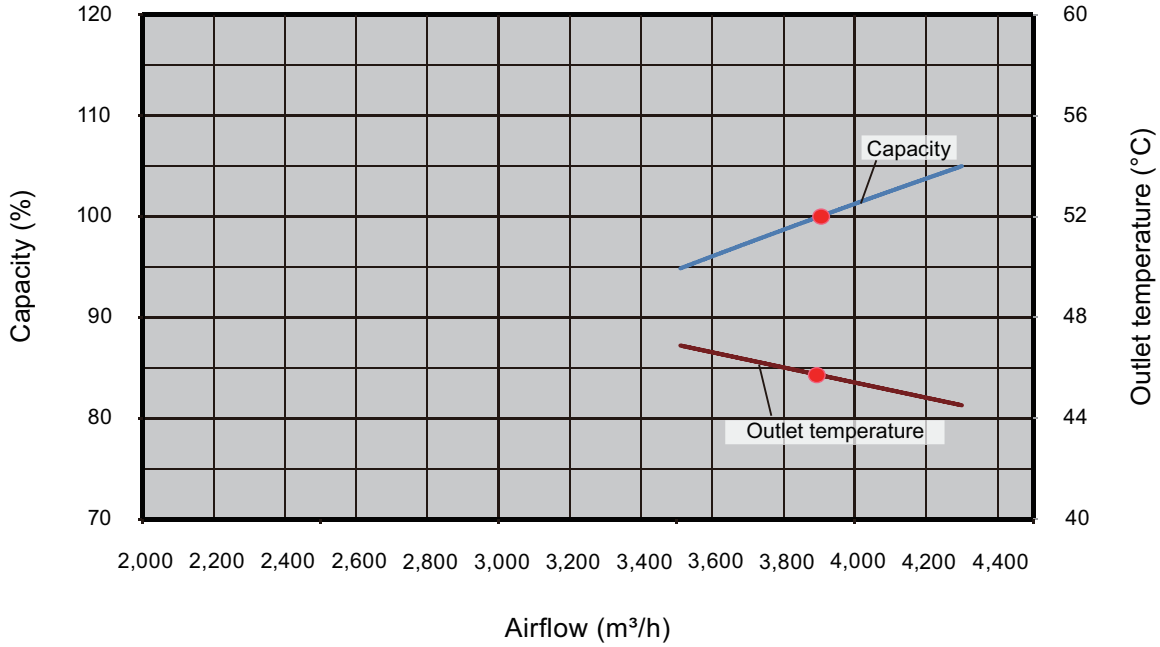


## Cooling

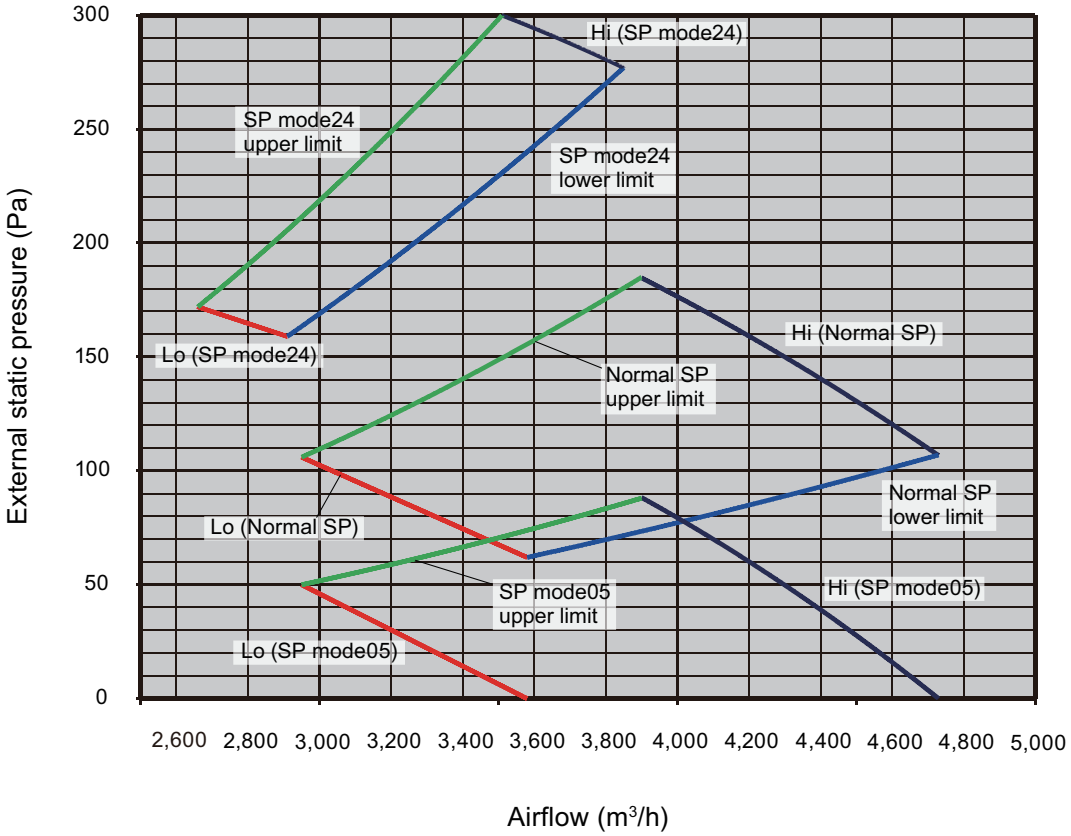


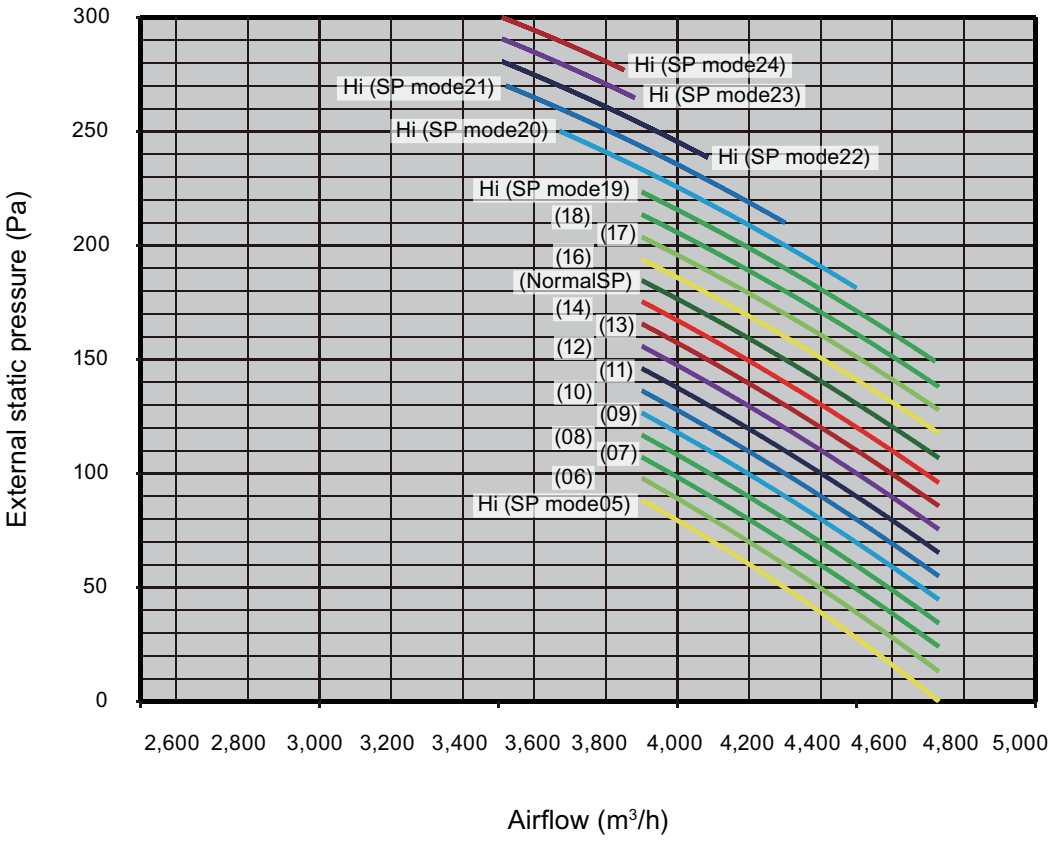

## Heating




INDOOR UNITS

# ■ Model: ARXC090GTEH

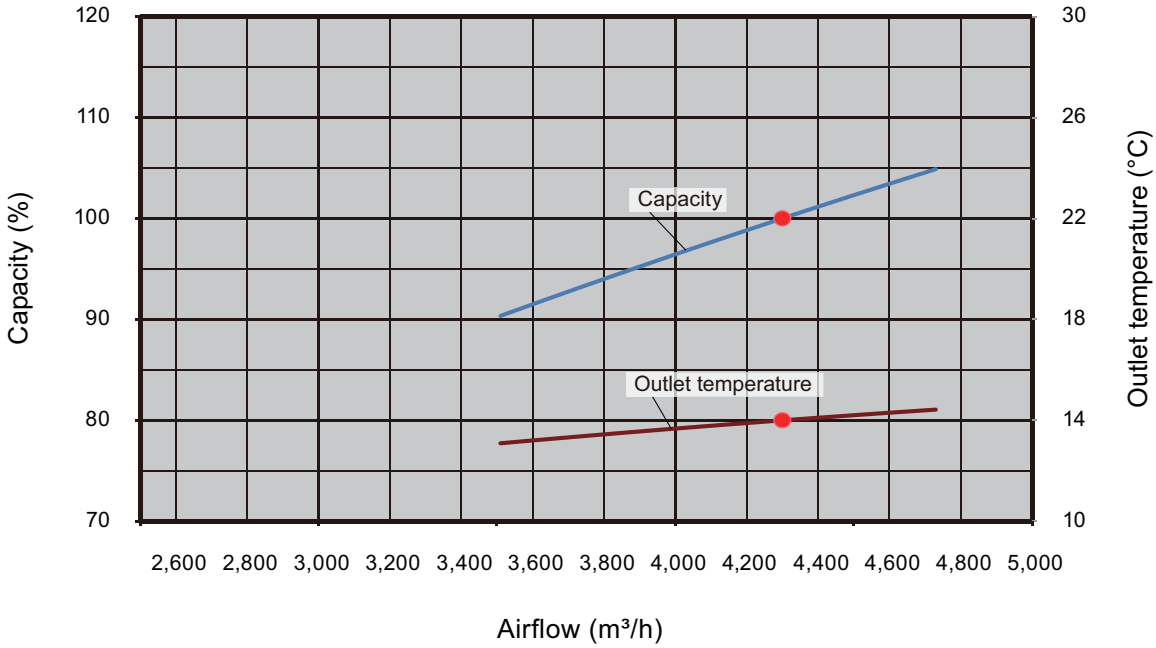


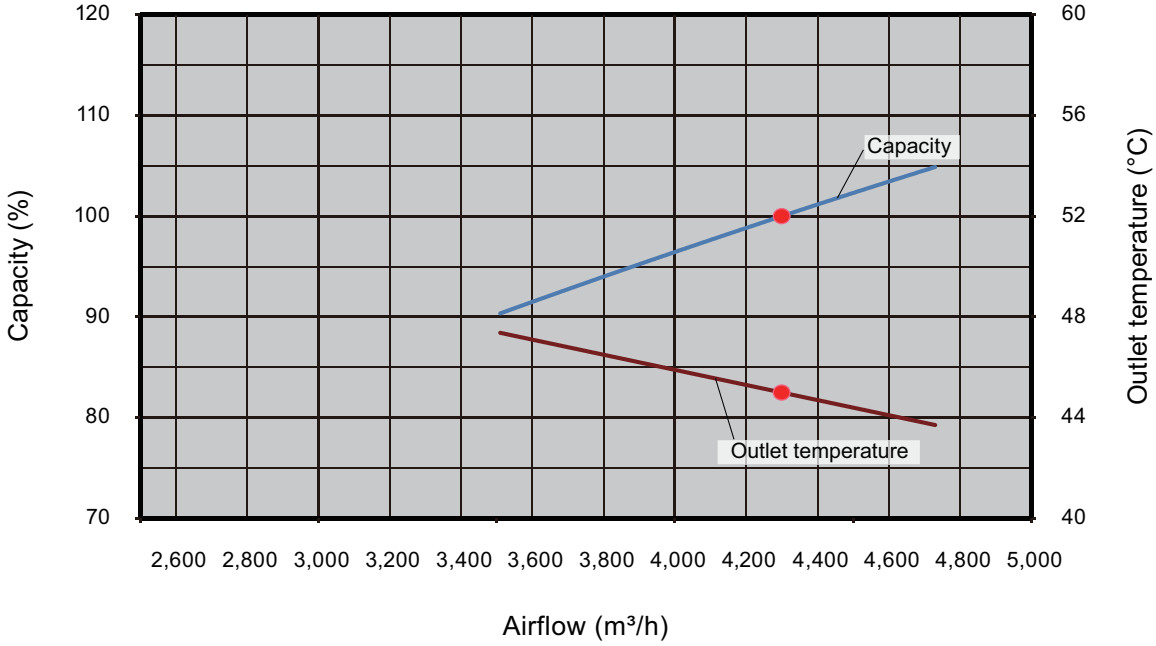



INDOOR UNITS

## Cooling

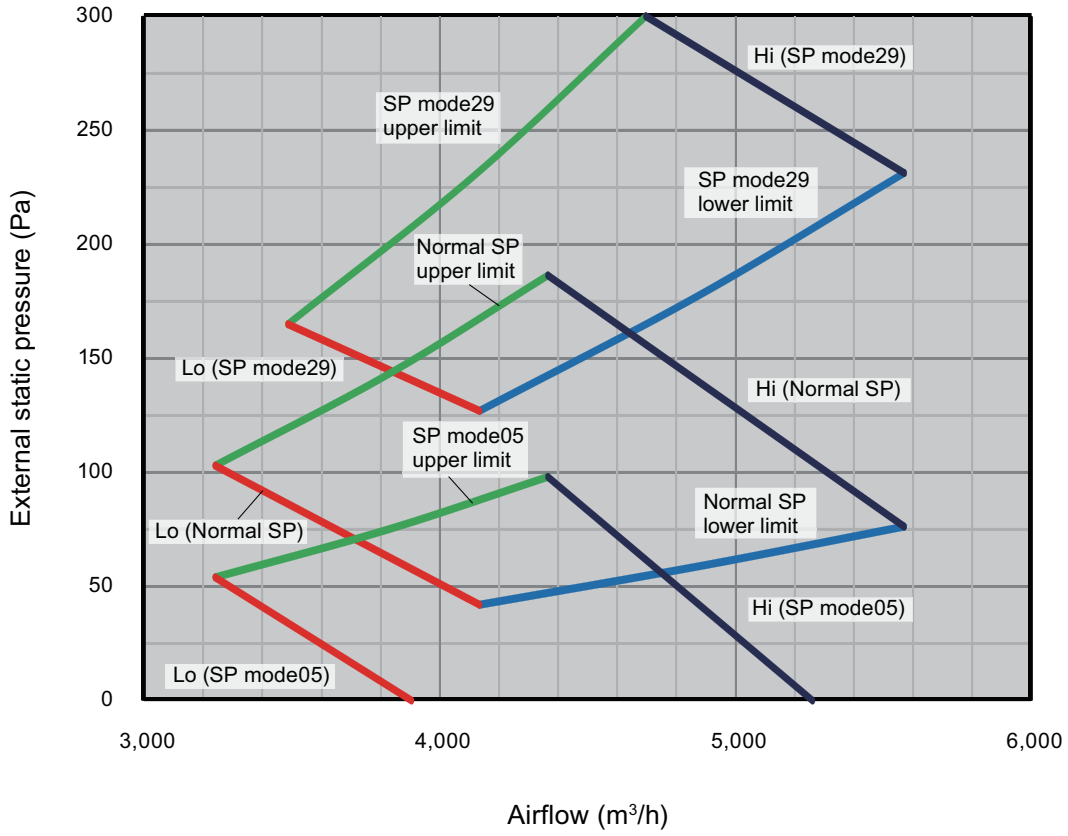


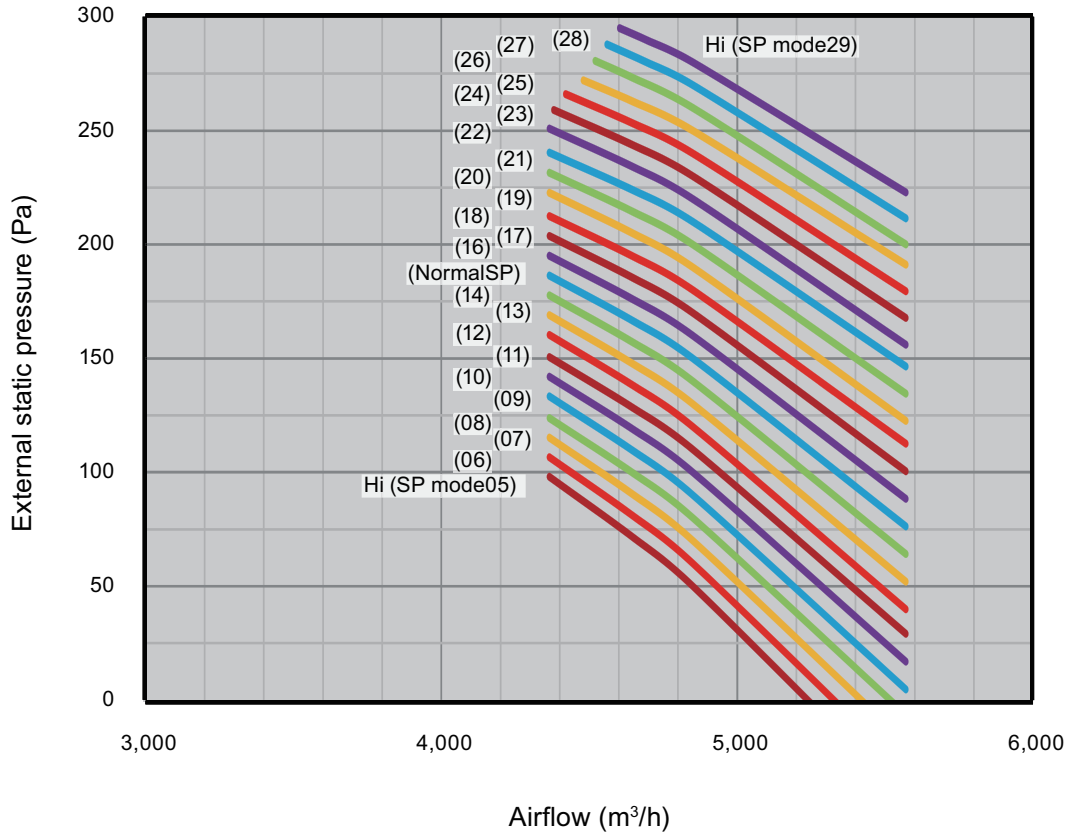

## Heating



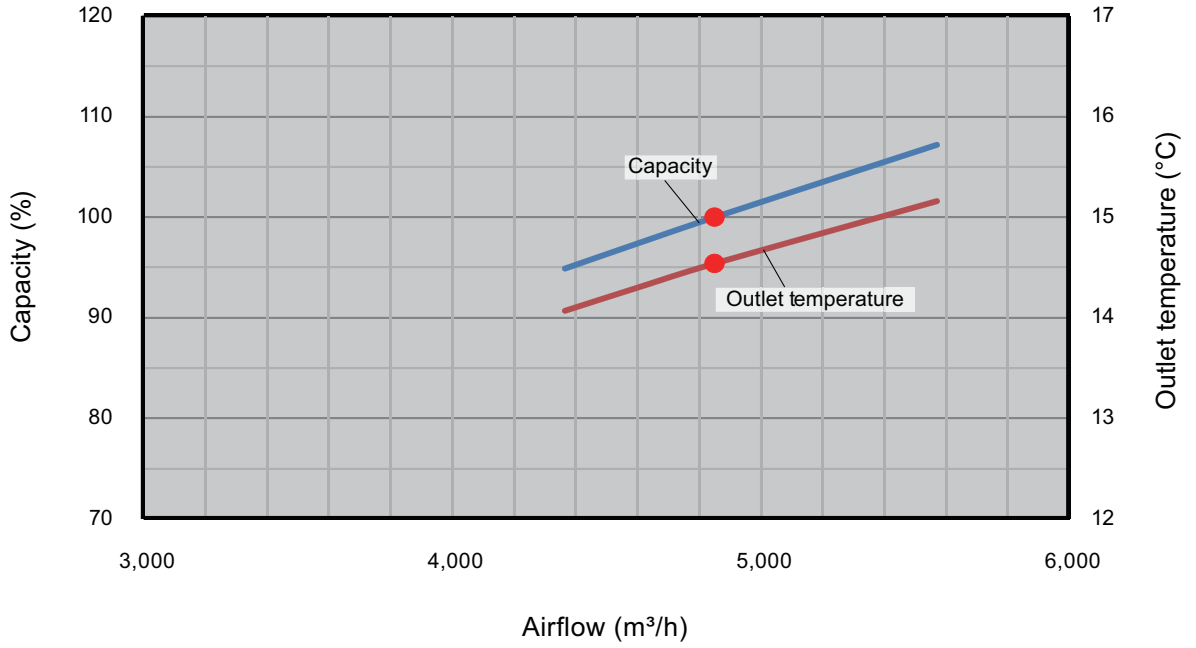
# ■ Model: ARXC096GTEH



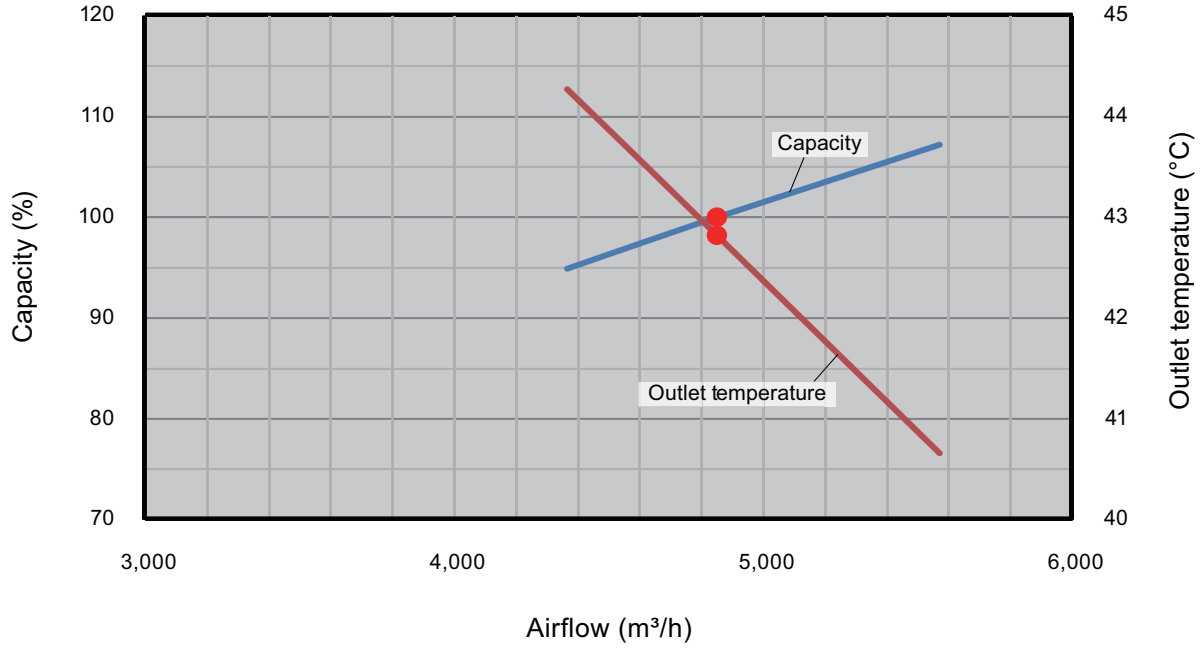


## Cooling




## Heating

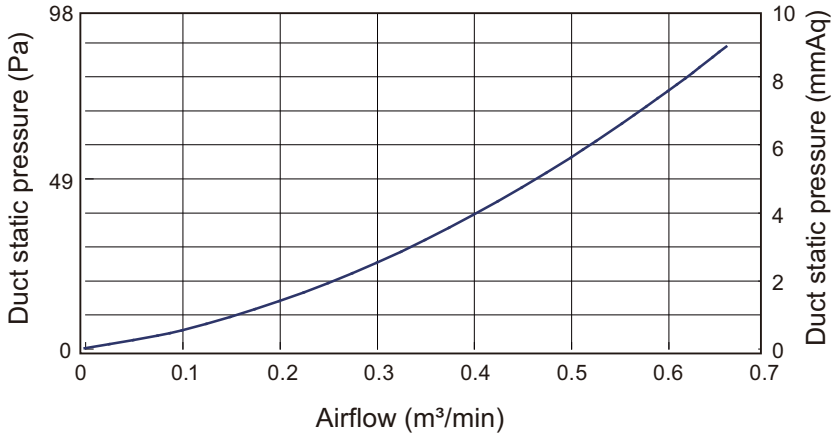


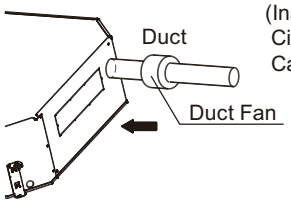

INDOOR UNITS

# 7-6. Fresh air characteristics

## ■ Circular flow cassette type and 4-way flow cassette type

### ● Airflow volume—Static pressure of fresh air intake characteristics

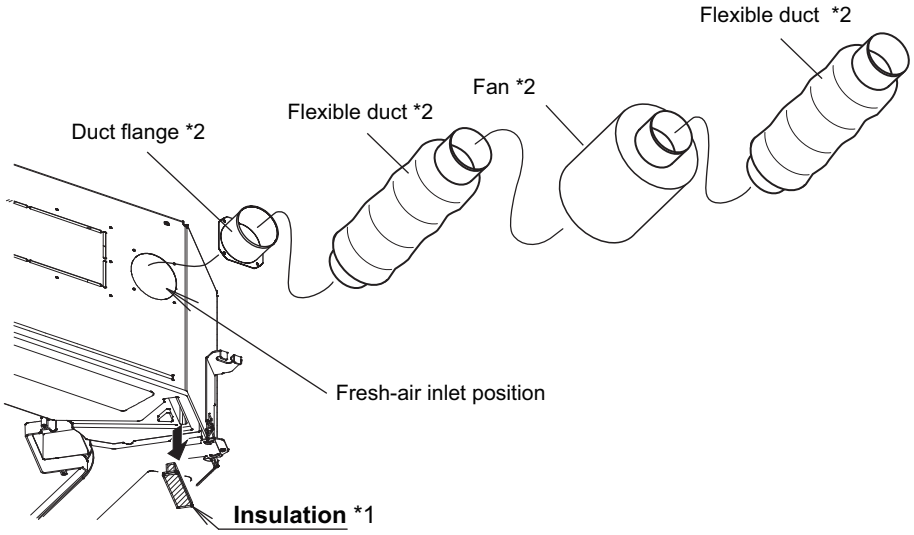



(Inside Diameter
Circular flow cassette type: Ø95 mm
Cassette type: Ø70 mm)

Static pressure required to take in fresh air

### ● Installation




*1: In case of fresh-air intake, remove the insulation.

*2: Locally-purchased parts

For the fresh-air inlet position, refer to "Circular flow cassette type" on page 04-43 and "4-way flow cassette type" on page 04-40.

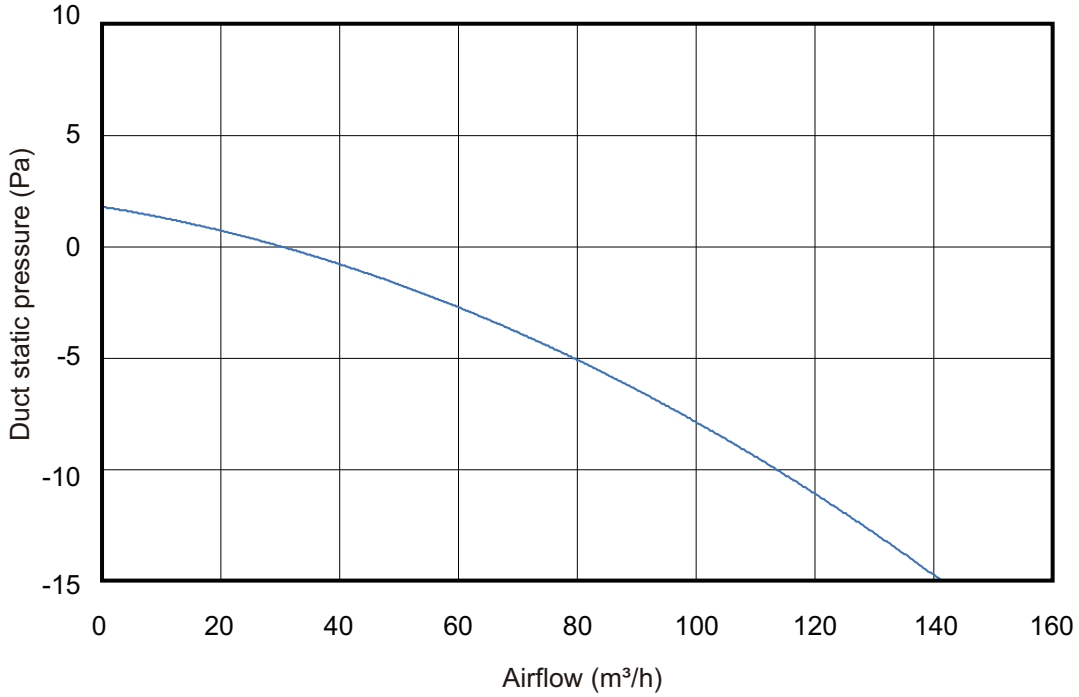


INDOOR UNITS

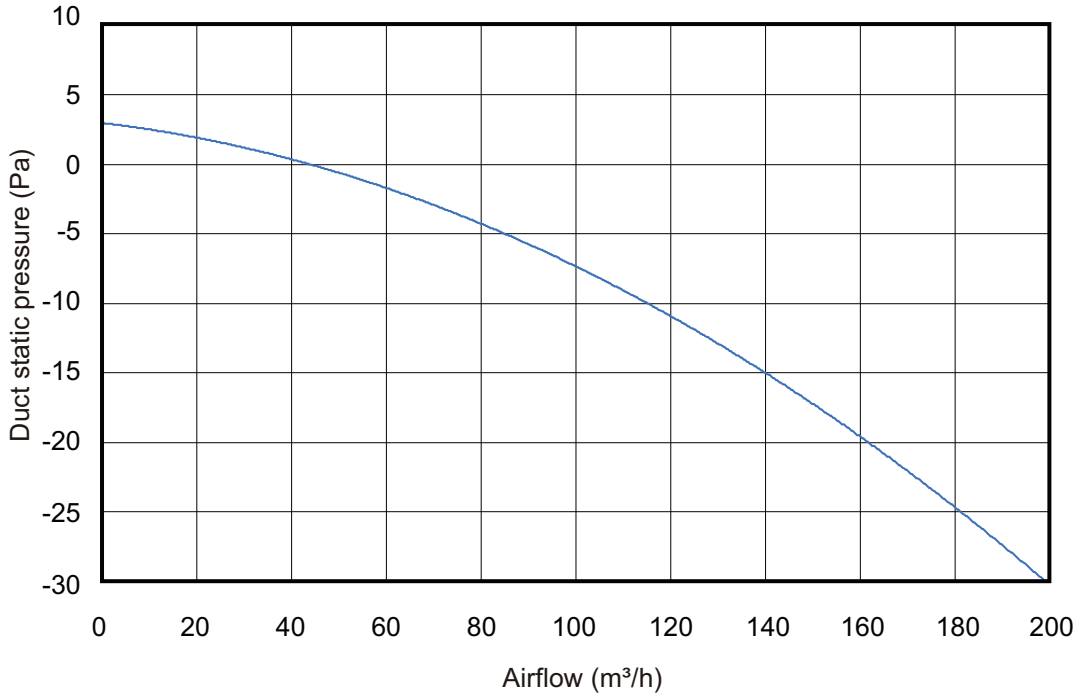
# ■ One way flow cassette type

## ● Airflow volume—Static pressure of fresh air intake characteristics

- Models: AUXV004GLEH, AUXV007GLEH, AUXV009GLEH, and AUXV012GLEH



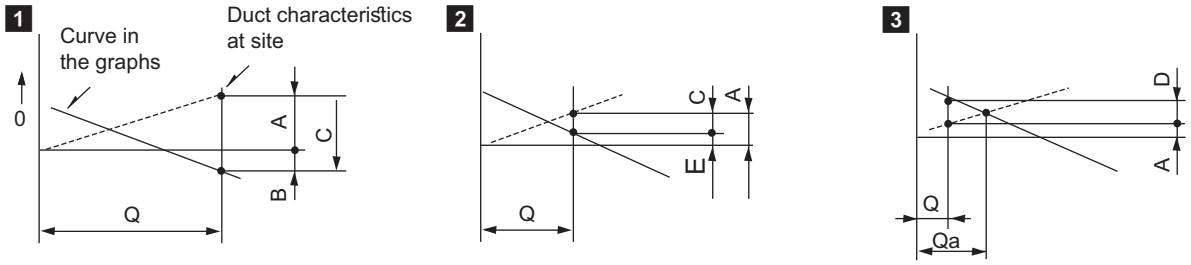

- Models: AUXV014GLEH, AUXV018GLEH, and AUXV024GLEH





INDOOR UNITS

## ● How to read curve




Q: Designed amount of fresh air intake ($m^3/h$)

A: Static pressure loss of fresh air intake duct system with airflow amount Q (Pa)

B: Forced static pressure at air conditioner inlet with airflow amount Q (Pa)

C: Static pressure of booster fan with airflow amount Q (Pa)

D: Static pressure loss increase amount of fresh air intake duct system for airflow amount Q (Pa)

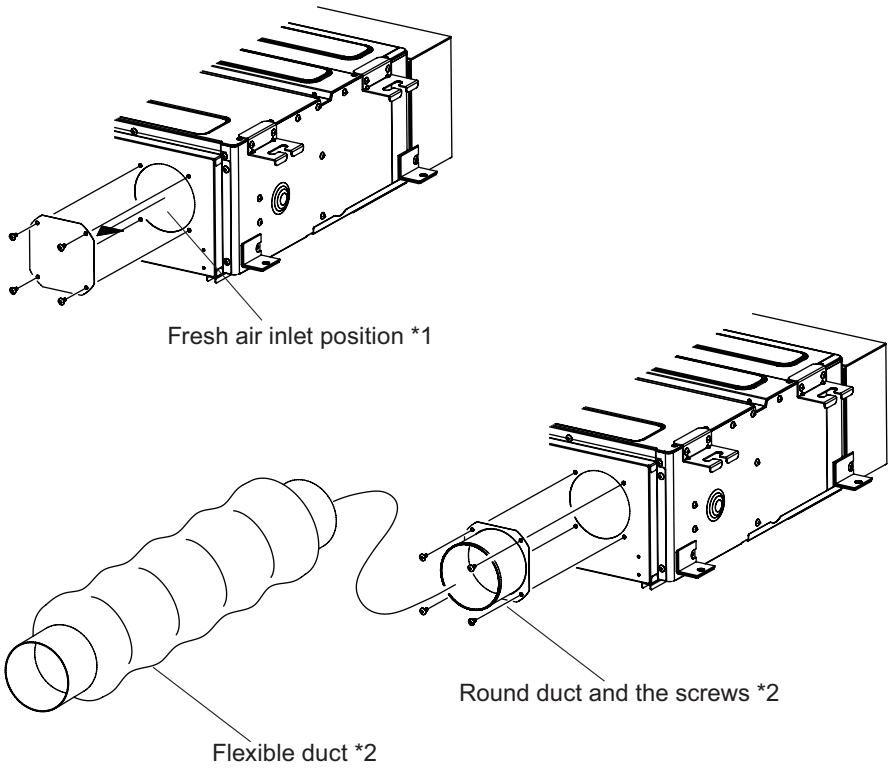
E: Static pressure of indoor unit with airflow amount Q (Pa)

Qa: Estimated amount of fresh air intake without D ($m^3/h$)



INDOOR UNITS

## ● Installation



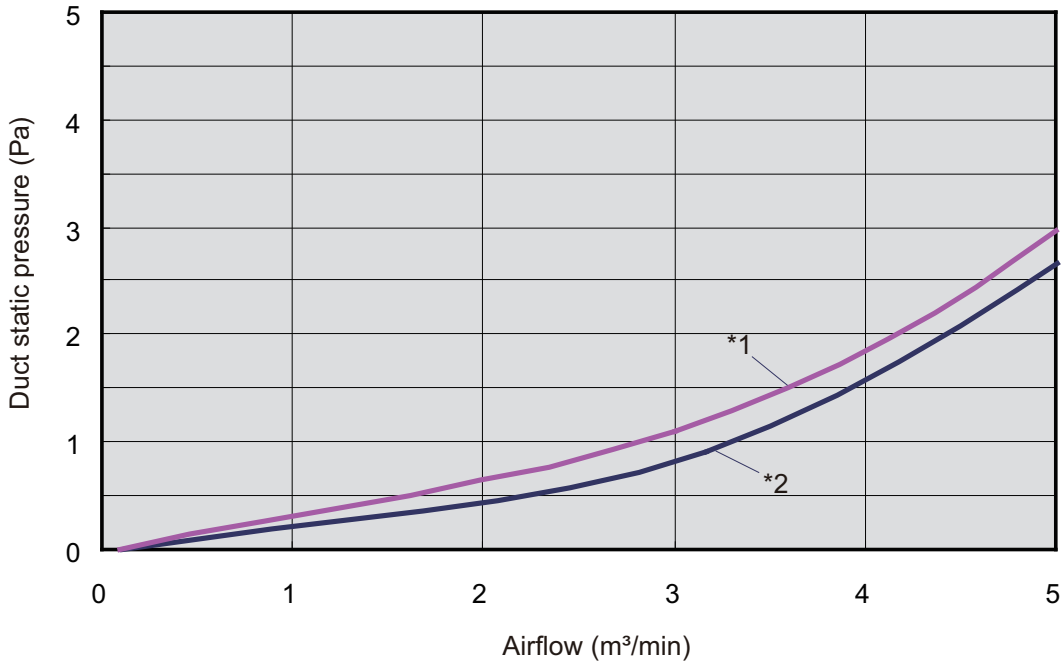

*1: Remove the 4 screws
*2: Locally purchased parts

**NOTES:**

- When taking in the fresh air, insulation is required to prevent product malfunction due to condensation.
- Temperature conditions
  - Condensation may form on the product when the outside air temperature is low and the temperature and humidity surrounding the product are high. Do not intake the air of below 0 °C into the Fresh air intake kit.
  - Do not take fresh air at a temperature that exceeds the upper limit of the operation temperature range of the outdoor unit.

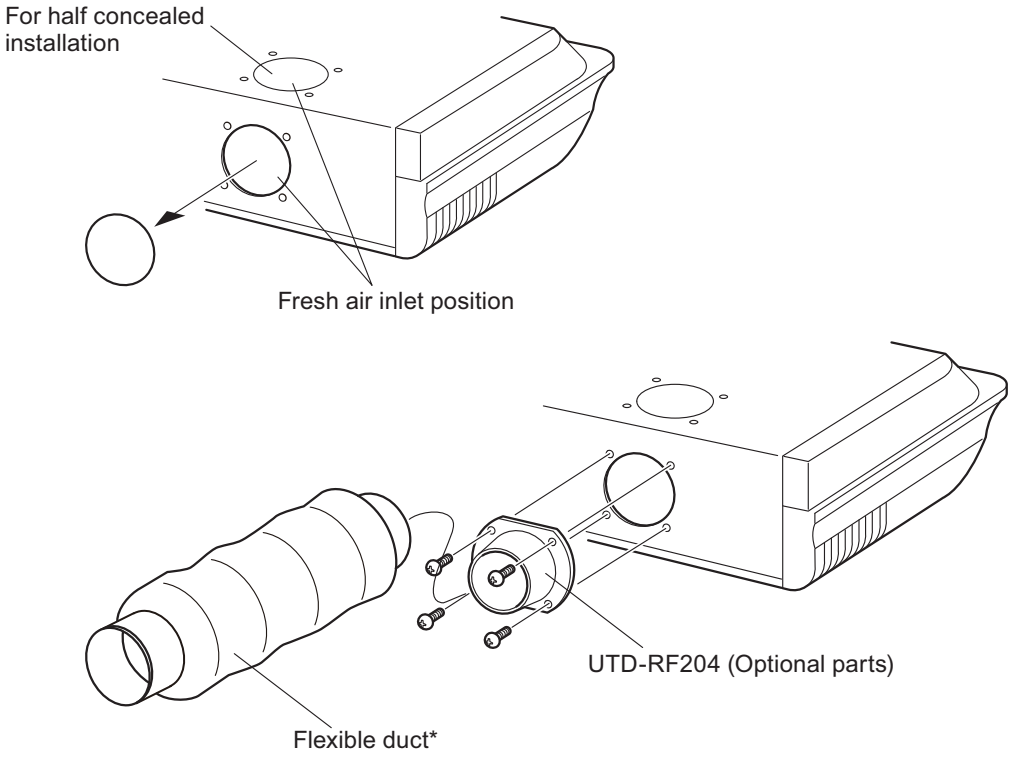
# ■ Ceiling type

## ● Airflow volume—Static pressure of fresh air intake characteristics




- *1: AB∗A030GTEH
- *2: AB∗A036GTEH, AB∗A045GTEH, and AB∗A054GTEH

## ● Installation




*: Locally purchased parts

For the fresh-air inlet position, refer to "Ceiling type" on page 04-73.


INDOOR UNITS

# 8. Airflow

Conversion factor:

- 1 $m^3/h$ = 0.2778 l/s = 0.5886 CFM
- 3.6 $m^3/h$ = 1 l/s
- 1.699 $m^3/h$ = 1 CFM

## 8-1. Compact cassette type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AUXB004GLEH | HIGH*1 | 530/530 | 147/147 | 312/312 |
| | MED—HIGH*1 | 490/480 | 136/133 | 288/283 |
| | MED*1 | 450/430 | 125/119 | 265/253 |
| | MED—LOW*1 | 420/380 | 117/106 | 265/224 |
| | LOW*1 | 390/340 | 108/94 | 230/200 |
| | QUIET*1 | 350/300 | 97/83 | 206/177 |
| AUXB007GLEH | HIGH | 540 | 150 | 318 |
| | MED—HIGH | 500 | 139 | 294 |
| | MED | 460 | 128 | 271 |
| | MED—LOW | 420 | 117 | 247 |
| | LOW | 390 | 108 | 230 |
| | QUIET | 350 | 97 | 206 |
| AUXB009GLEH | HIGH | 550 | 153 | 324 |
| | MED—HIGH | 520 | 144 | 306 |
| | MED | 480 | 133 | 283 |
| | MED—LOW | 440 | 122 | 259 |
| | LOW | 400 | 111 | 235 |
| | QUIET | 350 | 97 | 206 |
| AUXB012GLEH | HIGH | 600 | 167 | 353 |
| | MED—HIGH | 560 | 156 | 330 |
| | MED | 520 | 144 | 306 |
| | MED—LOW | 480 | 133 | 283 |
| | LOW | 430 | 119 | 253 |
| | QUIET | 390 | 108 | 230 |
| AUXB014GLEH | HIGH | 680 | 189 | 400 |
| | MED—HIGH | 620 | 172 | 365 |
| | MED | 560 | 156 | 330 |
| | MED—LOW | 500 | 139 | 294 |
| | LOW | 440 | 122 | 259 |
| | QUIET | 390 | 108 | 230 |
| AUXB018GLEH | HIGH | 710 | 197 | 418 |
| | MED—HIGH | 660 | 183 | 388 |
| | MED | 590 | 164 | 347 |
| | MED—LOW | 520 | 144 | 306 |
| | LOW | 460 | 128 | 271 |
| | QUIET | 400 | 111 | 235 |
| AUXB024GLEH | HIGH | 1,030 | 286 | 606 |
| | MED—HIGH | 910 | 253 | 536 |
| | MED | 790 | 219 | 465 |
| | MED—LOW | 680 | 189 | 400 |
| | LOW | 560 | 156 | 330 |
| | QUIET | 450 | 125 | 265 |

*1: This value is “Cooling operation/Heating operation”.




INDOOR UNITS

# 8-2. 4-way flow cassette type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AUXD18GALH | HIGH | 1,150 | 319 | 677 |
| | MED | 940 | 261 | 553 |
| | LOW | 870 | 242 | 512 |
| AUXD24GALH | HIGH | 1,280 | 356 | 753 |
| | MED | 1,040 | 289 | 612 |
| | LOW | 870 | 242 | 512 |
| AUXA18GALH | HIGH | 1,420 | 394 | 836 |
| | MED | 1,230 | 342 | 724 |
| | LOW*1 | 1,100/1,000 | 306/278 | 647/589 |
| AUXA24GALH | HIGH | 1,420 | 394 | 836 |
| | MED | 1,230 | 342 | 724 |
| | LOW*1 | 1,100/1,000 | 306/278 | 647/589 |
| AUXA30GALH | HIGH | 1,600 | 444 | 942 |
| | MED | 1,300 | 361 | 765 |
| | LOW | 1,100 | 306 | 647 |
| AUXA34GALH | HIGH | 1,750 | 486 | 1,030 |
| | MED | 1,300 | 361 | 765 |
| | LOW | 1,100 | 306 | 647 |
| AUXA36GALH | HIGH | 1,800 | 500 | 1,059 |
| | MED | 1,300 | 361 | 765 |
| | LOW | 1,100 | 306 | 647 |
| AUXA45GALH | HIGH | 1,900 | 528 | 1,059 |
| | MED | 1,370 | 381 | 765 |
| | LOW | 1,100 | 306 | 647 |
| AUXA54GALH | HIGH | 2,000 | 556 | 1,118 |
| | MED | 1,370 | 381 | 806 |
| | LOW | 1,100 | 306 | 647 |

*1: This value is “Cooling operation/Heating operation”.


INDOOR UNITS

# 8-3. Circular flow cassette type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AUXM018GLEH | HIGH | 1,050 | 292 | 618 |
| | MED—HIGH | 930 | 258 | 547 |
| | MED | 900 | 250 | 530 |
| | MED—LOW | 870 | 242 | 512 |
| | LOW | 810 | 225 | 447 |
| | QUIET | 780 | 217 | 459 |
| AUXM024GLEH | HIGH | 1,120 | 311 | 659 |
| | MED—HIGH | 1,050 | 292 | 618 |
| | MED | 930 | 258 | 547 |
| | MED—LOW | 900 | 250 | 530 |
| | LOW | 870 | 242 | 512 |
| | QUIET | 780 | 217 | 459 |
| AUXM030GLEH | HIGH | 1,470 | 408 | 865 |
| | MED—HIGH | 1,160 | 322 | 683 |
| | MED | 1,070 | 297 | 630 |
| | MED—LOW | 930 | 258 | 547 |
| | LOW | 900 | 250 | 530 |
| | QUIET | 780 | 217 | 459 |
| AUXK018GLEH | HIGH | 1,420 | 394 | 836 |
| | MED—HIGH | 1,360 | 378 | 800 |
| | MED | 1,300 | 361 | 765 |
| | MED—LOW | 1,270 | 353 | 748 |
| | LOW | 1,200 | 333 | 706 |
| | QUIET | 1,150 | 319 | 677 |
| AUXK024GLEH | HIGH | 1,420 | 394 | 836 |
| | MED—HIGH | 1,360 | 378 | 800 |
| | MED | 1,300 | 361 | 765 |
| | MED—LOW | 1,270 | 353 | 748 |
| | LOW | 1,200 | 333 | 706 |
| | QUIET | 1,150 | 319 | 677 |
| AUXK030GLEH | HIGH | 1,440 | 400 | 848 |
| | MED—HIGH | 1,400 | 389 | 824 |
| | MED | 1,340 | 372 | 789 |
| | MED—LOW | 1,300 | 361 | 765 |
| | LOW | 1,280 | 356 | 753 |
| | QUIET | 1,150 | 319 | 677 |
| AUXK034GLEH | HIGH | 1,440 | 400 | 848 |
| | MED—HIGH | 1,400 | 389 | 824 |
| | MED | 1,340 | 372 | 789 |
| | MED—LOW | 1,300 | 361 | 765 |
| | LOW | 1,280 | 356 | 753 |
| | QUIET | 1,150 | 319 | 677 |
| AUXK036GLEH | HIGH | 1,620 | 450 | 954 |
| | MED—HIGH | 1,500 | 417 | 883 |
| | MED | 1,400 | 389 | 824 |
| | MED—LOW | 1,340 | 372 | 789 |
| | LOW | 1,280 | 356 | 753 |
| | QUIET | 1,150 | 319 | 677 |


INDOOR UNITS

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AUXK045GLEH | HIGH | 1,820 | 506 | 1,071 |
| | MED—HIGH | 1,590 | 442 | 936 |
| | MED | 1,500 | 417 | 883 |
| | MED—LOW | 1,400 | 389 | 824 |
| | LOW | 1,300 | 361 | 765 |
| | QUIET | 1,150 | 319 | 677 |
| AUXK054GLEH | HIGH | 2,040 | 567 | 1,201 |
| | MED—HIGH | 1,800 | 500 | 1,059 |
| | MED | 1,590 | 442 | 936 |
| | MED—LOW | 1,440 | 400 | 848 |
| | LOW | 1,300 | 361 | 765 |
| | QUIET | 1,150 | 319 | 677 |



## 8-4. 3D flow cassette type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AUXS018GLEH | HIGH*1 | 750/870 | 208/242 | 441/512 |
| | MED—HIGH*1 | 710/830 | 197/231 | 418/489 |
| | MED*1 | 690/780 | 192/217 | 406/459 |
| | MED—LOW*1 | 660/740 | 183/206 | 388/436 |
| | LOW*1 | 630/700 | 175/194 | 371/412 |
| | QUIET*1 | 540/540 | 150/150 | 318/318 |
| AUXS024GLEH | HIGH*1 | 950/1,040 | 264/289 | 559/612 |
| | MED—HIGH*1 | 890/990 | 247/275 | 524/583 |
| | MED*1 | 860/930 | 239/258 | 506/547 |
| | MED—LOW*1 | 810/880 | 225/244 | 477/518 |
| | LOW*1 | 770/840 | 214/233 | 453/494 |
| | QUIET*1 | 540/540 | 150/150 | 318/318 |

*1: This value is “Cooling operation/Heating operation”.

# 8-5. One way flow cassette type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AUXV004GLEH | HIGH | 460 | 128 | 271 |
| | MED—HIGH | 440 | 122 | 259 |
| | MED | 420 | 117 | 247 |
| | MED—LOW | 400 | 111 | 235 |
| | LOW | 380 | 106 | 224 |
| | QUIET | 360 | 100 | 212 |
| AUXV007GLEH | HIGH | 550 | 153 | 324 |
| | MED—HIGH | 440 | 122 | 259 |
| | MED | 420 | 117 | 247 |
| | MED—LOW | 400 | 111 | 235 |
| | LOW | 380 | 106 | 224 |
| | QUIET | 360 | 100 | 212 |
| AUXV009GLEH | HIGH | 550 | 153 | 324 |
| | MED—HIGH | 440 | 122 | 259 |
| | MED | 420 | 117 | 247 |
| | MED—LOW | 400 | 111 | 235 |
| | LOW | 380 | 106 | 224 |
| | QUIET | 360 | 100 | 212 |
| AUXV012GLEH | HIGH | 670 | 186 | 394 |
| | MED—HIGH | 520 | 144 | 306 |
| | MED | 480 | 133 | 283 |
| | MED—LOW | 450 | 125 | 265 |
| | LOW | 410 | 114 | 241 |
| | QUIET | 360 | 100 | 212 |
| AUXV014GLEH | HIGH | 720 | 200 | 424 |
| | MED—HIGH | 660 | 183 | 388 |
| | MED | 630 | 175 | 371 |
| | MED—LOW | 600 | 167 | 353 |
| | LOW | 580 | 161 | 341 |
| | QUIET | 550 | 153 | 324 |
| AUXV018GLEH | HIGH | 890 | 247 | 524 |
| | MED—HIGH | 840 | 233 | 494 |
| | MED | 770 | 214 | 453 |
| | MED—LOW | 710 | 197 | 418 |
| | LOW | 660 | 183 | 388 |
| | QUIET | 580 | 161 | 341 |
| AUXV024GLEH | HIGH | 1,150 | 319 | 677 |
| | MED—HIGH | 1,020 | 283 | 600 |
| | MED | 940 | 261 | 553 |
| | MED—LOW | 790 | 219 | 465 |
| | LOW | 700 | 194 | 412 |
| | QUIET | 610 | 169 | 359 |


INDOOR UNITS

# 8-6. Low static pressure duct (Mini duct) type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| ARXK004GLGH | HIGH | 460 | 128 | 271 |
| | MED—HIGH | 440 | 122 | 259 |
| | MED | 420 | 117 | 247 |
| | MED—LOW | 400 | 111 | 235 |
| | LOW | 370 | 103 | 218 |
| | QUIET | 340 | 94 | 200 |
| ARXK007GLGH | HIGH | 460 | 128 | 271 |
| | MED—HIGH | 440 | 122 | 259 |
| | MED | 420 | 117 | 247 |
| | MED—LOW | 400 | 111 | 235 |
| | LOW | 370 | 103 | 218 |
| | QUIET | 340 | 94 | 200 |
| ARXK009GLGH | HIGH | 460 | 128 | 271 |
| | MED—HIGH | 440 | 122 | 259 |
| | MED | 420 | 117 | 247 |
| | MED—LOW | 400 | 111 | 235 |
| | LOW | 370 | 103 | 218 |
| | QUIET | 340 | 94 | 200 |
| ARXK012GLGH | HIGH | 550 | 153 | 324 |
| | MED—HIGH | 520 | 144 | 306 |
| | MED | 480 | 133 | 283 |
| | MED—LOW | 450 | 125 | 265 |
| | LOW | 410 | 114 | 241 |
| | QUIET | 340 | 94 | 200 |
| ARXK014GLGH | HIGH | 760 | 211 | 447 |
| | MED—HIGH | 660 | 183 | 388 |
| | MED | 560 | 156 | 330 |
| | MED—LOW | 490 | 136 | 288 |
| | LOW | 410 | 114 | 241 |
| | QUIET | 340 | 94 | 200 |
| ARXK018GLGH | HIGH | 930 | 258 | 547 |
| | MED—HIGH | 840 | 233 | 494 |
| | MED | 740 | 206 | 436 |
| | MED—LOW | 640 | 178 | 377 |
| | LOW | 540 | 150 | 318 |
| | QUIET | 470 | 131 | 277 |
| ARXK024GLGH | HIGH | 1,160 | 322 | 683 |
| | MED—HIGH | 1,060 | 294 | 624 |
| | MED | 960 | 267 | 565 |
| | MED—LOW | 860 | 239 | 506 |
| | LOW | 750 | 208 | 441 |
| | QUIET | 610 | 169 | 359 |


INDOOR UNITS

# 8-7. Low static pressure duct (Slim duct)/Slim concealed floor type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| ARXD007GLEH | HIGH | 550 | 153 | 324 |
| | MED—HIGH | 480 | 133 | 283 |
| | MED | 440 | 122 | 259 |
| | MED—LOW | 410 | 114 | 241 |
| | LOW | 370 | 103 | 218 |
| | QUIET | 320 | 89 | 188 |
| ARXD009GLEH | HIGH | 600 | 167 | 353 |
| | MED—HIGH | 510 | 142 | 300 |
| | MED | 460 | 128 | 271 |
| | MED—LOW | 420 | 117 | 247 |
| | LOW | 370 | 103 | 218 |
| | QUIET | 320 | 89 | 188 |
| ARXD012GLEH | HIGH | 600 | 167 | 353 |
| | MED—HIGH | 530 | 147 | 312 |
| | MED | 490 | 136 | 288 |
| | MED—LOW | 450 | 125 | 265 |
| | LOW | 410 | 114 | 241 |
| | QUIET | 340 | 94 | 200 |
| ARXD014GLEH | HIGH | 800 | 222 | 471 |
| | MED—HIGH | 680 | 189 | 400 |
| | MED | 600 | 167 | 353 |
| | MED—LOW | 520 | 144 | 306 |
| | LOW | 440 | 122 | 259 |
| | QUIET | 340 | 94 | 200 |
| ARXD018GLEH | HIGH | 940 | 261 | 553 |
| | MED—HIGH | 820 | 228 | 483 |
| | MED | 730 | 203 | 430 |
| | MED—LOW | 630 | 175 | 371 |
| | LOW | 540 | 150 | 318 |
| | QUIET | 470 | 131 | 277 |
| ARXD024GLEH | HIGH | 1,330 | 369 | 783 |
| | MED—HIGH | 1,140 | 317 | 671 |
| | MED | 1,020 | 283 | 600 |
| | MED—LOW | 900 | 250 | 530 |
| | LOW | 780 | 217 | 459 |
| | QUIET | 610 | 169 | 359 |

*1: This value is “Cooling operation/Heating operation”.


INDOOR UNITS

# 8-8. Low static pressure duct type (High efficiency)

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| ARXP018GLFH | HIGH*1 | 1,540/1,440 | 428/400 | 906/848 |
| | MED—HIGH*1 | 1,460/1,380 | 406/383 | 859/812 |
| | MED*1 | 1,380/1,320 | 383/367 | 812/777 |
| | MED—LOW*1 | 1,300/1260 | 361/350 | 765/742 |
| | LOW*1 | 1,220/1,200 | 339/333 | 718/706 |
| | QUIET*1 | 1,150/1,150 | 319/319 | 677/677 |
| ARXP030GLFH | HIGH*1 | 1,940/1,660 | 539/461 | 1,142/977 |
| | MED—HIGH*1 | 1,810/1,580 | 503/439 | 1,065/930 |
| | MED*1 | 1,680/1,510 | 467/419 | 989/889 |
| | MED—LOW*1 | 1,550/1,440 | 431/400 | 912/848 |
| | LOW*1 | 1,420/1,370 | 394/381 | 836/806 |
| | QUIET*1 | 1,300/1,300 | 361/361 | 765/765 |

*1: This value is “Cooling operation/Heating operation”.


INDOOR UNITS

# 8-9. Medium static pressure duct type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| ARXA024GLEH | HIGH | 1,280 | 356 | 753 |
| | MED—HIGH | 1,180 | 328 | 695 |
| | MED | 1,090 | 303 | 642 |
| | MED—LOW | 1,000 | 278 | 589 |
| | LOW | 920 | 256 | 542 |
| | QUIET | 840 | 233 | 494 |
| ARXA030GLEH | HIGH | 1,410 | 392 | 830 |
| | MED—HIGH | 1,350 | 375 | 795 |
| | MED | 1,280 | 356 | 753 |
| | MED—LOW | 1,240 | 344 | 730 |
| | LOW | 1,190 | 331 | 700 |
| | QUIET | 1,150 | 319 | 677 |
| ARXA036GLEH | HIGH | 1,840 | 511 | 1,083 |
| | MED—HIGH | 1,750 | 486 | 1,030 |
| | MED | 1,660 | 461 | 977 |
| | MED—LOW | 1,600 | 444 | 942 |
| | LOW | 1,530 | 425 | 901 |
| | QUIET | 1,470 | 408 | 865 |
| ARXA045GLEH | HIGH | 1,970 | 547 | 1,160 |
| | MED—HIGH | 1,910 | 531 | 1,124 |
| | MED | 1,860 | 517 | 1,095 |
| | MED—LOW | 1,780 | 494 | 1,048 |
| | LOW | 1,710 | 475 | 1,007 |
| | QUIET | 1,640 | 456 | 965 |


INDOOR UNITS

# 8-10. High static pressure duct type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| ARXC036GTEH | HIGH | 1,990 | 553 | 1,171 |
| | MED | 1,680 | 467 | 989 |
| | LOW | 1,330 | 369 | 783 |
| ARXC045GTEH | HIGH | 3,500 | 972 | 2,060 |
| | MED | 3,000 | 833 | 1,766 |
| | LOW | 2,460 | 683 | 1,448 |
| ARXC060GTEH | HIGH | 3,500 | 972 | 2,060 |
| | MED | 3,000 | 833 | 1,766 |
| | LOW | 2,460 | 683 | 1,448 |
| ARXC072GTEH | HIGH | 3,900 | 1,083 | 2,296 |
| | MED | 3,300 | 917 | 1,942 |
| | LOW | 3,000 | 833 | 1,766 |
| ARXC090GTEH | HIGH | 4,300 | 1,195 | 2,531 |
| | MED | 4,000 | 1,111 | 2,354 |
| | LOW | 3,500 | 972 | 2,060 |
| ARXC096GTEH | HIGH | 4,850 | 1,347 | 2,855 |
| | MED | 4,250 | 1,181 | 2,502 |
| | LOW | 3,600 | 1,000 | 2,119 |



INDOOR UNITS

# 8-11. Compact floor type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AG∗A004GCGH | HIGH*1 | 380/430 | 106/119 | 224/253 |
| | MED—HIGH | 350 | 97 | 206 |
| | MED | 320 | 89 | 188 |
| | MED—LOW | 310 | 86 | 182 |
| | LOW | 280 | 78 | 165 |
| | QUIET | 210 | 58 | 124 |
| AG∗A007GCGH | HIGH | 470 | 131 | 277 |
| | MED—HIGH | 420 | 117 | 247 |
| | MED | 390 | 108 | 230 |
| | MED—LOW | 360 | 100 | 212 |
| | LOW | 330 | 92 | 194 |
| | QUIET | 270 | 75 | 159 |
| AG∗A009GCGH | HIGH | 500 | 139 | 294 |
| | MED—HIGH | 450 | 125 | 265 |
| | MED | 400 | 111 | 235 |
| | MED—LOW | 360 | 100 | 212 |
| | LOW | 330 | 92 | 194 |
| | QUIET | 270 | 75 | 159 |
| AG∗A012GCGH | HIGH | 590 | 164 | 347 |
| | MED—HIGH | 520 | 144 | 306 |
| | MED | 470 | 131 | 277 |
| | MED—LOW | 420 | 117 | 247 |
| | LOW | 390 | 108 | 230 |
| | QUIET | 340 | 94 | 200 |
| AG∗A014GCGH | HIGH | 670 | 186 | 394 |
| | MED—HIGH | 590 | 164 | 347 |
| | MED | 520 | 144 | 306 |
| | MED—LOW | 450 | 125 | 265 |
| | LOW | 390 | 108 | 230 |
| | QUIET | 340 | 94 | 200 |

*1: This value is “Cooling operation/Heating operation”.


INDOOR UNITS

# 8-12. Compact floor type (EEV external model)

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AG∗E004GCEH | HIGH*1 | 380/430 | 106/119 | 224/253 |
| | MED—HIGH | 350 | 97 | 206 |
| | MED | 320 | 89 | 188 |
| | MED—LOW | 310 | 86 | 182 |
| | LOW | 280 | 78 | 165 |
| | QUIET | 210 | 58 | 124 |
| AG∗E007GCEH | HIGH | 470 | 131 | 277 |
| | MED—HIGH | 420 | 117 | 247 |
| | MED | 390 | 108 | 230 |
| | MED—LOW | 360 | 100 | 212 |
| | LOW | 330 | 92 | 194 |
| | QUIET | 270 | 75 | 159 |
| AG∗E009GCEH | HIGH | 500 | 139 | 294 |
| | MED—HIGH | 450 | 125 | 265 |
| | MED | 400 | 111 | 235 |
| | MED—LOW | 360 | 100 | 212 |
| | LOW | 330 | 92 | 194 |
| | QUIET | 270 | 75 | 159 |
| AG∗E012GCEH | HIGH | 590 | 164 | 347 |
| | MED—HIGH | 520 | 144 | 306 |
| | MED | 470 | 131 | 277 |
| | MED—LOW | 420 | 117 | 247 |
| | LOW | 390 | 108 | 230 |
| | QUIET | 340 | 94 | 200 |
| AG∗E014GCEH | HIGH | 670 | 186 | 394 |
| | MED—HIGH | 590 | 164 | 347 |
| | MED | 520 | 144 | 306 |
| | MED—LOW | 450 | 125 | 265 |
| | LOW | 390 | 108 | 230 |
| | QUIET | 340 | 94 | 200 |

*1: This value is “Cooling operation/Heating operation”.


INDOOR UNITS

# 8-13. Floor/Ceiling type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AB∗A012GTEH | HIGH | 660 | 183 | 388 |
| | MED—HIGH | 620 | 172 | 365 |
| | MED | 580 | 161 | 341 |
| | MED—LOW | 550 | 153 | 324 |
| | LOW | 520 | 144 | 306 |
| | QUIET | 490 | 136 | 288 |
| AB∗A014GTEH | HIGH | 780 | 217 | 459 |
| | MED—HIGH | 740 | 206 | 436 |
| | MED | 690 | 192 | 406 |
| | MED—LOW | 640 | 178 | 377 |
| | LOW | 600 | 167 | 353 |
| | QUIET | 550 | 153 | 324 |
| AB∗A018GTEH | HIGH | 1,000 | 278 | 589 |
| | MED—HIGH | 910 | 253 | 536 |
| | MED | 830 | 231 | 489 |
| | MED—LOW | 750 | 208 | 441 |
| | LOW | 660 | 183 | 388 |
| | QUIET | 580 | 161 | 341 |
| AB∗A024GTEH | HIGH | 1,000 | 278 | 589 |
| | MED—HIGH | 930 | 258 | 547 |
| | MED | 870 | 242 | 512 |
| | MED—LOW | 800 | 222 | 471 |
| | LOW | 740 | 206 | 436 |
| | QUIET | 680 | 189 | 400 |


INDOOR UNITS

# 8-14. Ceiling type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AB∗A030GTEH | HIGH | 1,630 | 453 | 959 |
| | MED—HIGH | 1,520 | 422 | 895 |
| | MED | 1,420 | 394 | 836 |
| | MED—LOW | 1,320 | 367 | 777 |
| | LOW | 1,220 | 339 | 718 |
| | QUIET | 1,140 | 317 | 671 |
| AB∗A036GTEH | HIGH | 1,690 | 469 | 995 |
| | MED—HIGH | 1,560 | 433 | 918 |
| | MED | 1,450 | 403 | 853 |
| | MED—LOW | 1,360 | 378 | 800 |
| | LOW | 1,270 | 353 | 748 |
| | QUIET | 1,170 | 325 | 689 |
| AB∗A045GTEH | HIGH | 2,010 | 558 | 1,183 |
| | MED—HIGH | 1,840 | 511 | 1,083 |
| | MED | 1,690 | 469 | 995 |
| | MED—LOW | 1,530 | 425 | 901 |
| | LOW | 1,380 | 383 | 812 |
| | QUIET | 1,230 | 342 | 724 |
| AB∗A054GTEH | HIGH | 2,270 | 631 | 1,336 |
| | MED—HIGH | 2,070 | 575 | 1,218 |
| | MED | 1,860 | 517 | 1,095 |
| | MED—LOW | 1,660 | 461 | 977 |
| | LOW | 1,470 | 408 | 865 |
| | QUIET | 1,280 | 356 | 753 |


INDOOR UNITS

# 8-15. Wall mounted type

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AS∗A004GCGH | HIGH | 450 | 125 | 265 |
| | MED—HIGH | 430 | 119 | 253 |
| | MED | 400 | 111 | 235 |
| | MED—LOW | 380 | 106 | 224 |
| | LOW | 360 | 100 | 212 |
| | QUIET | 310 | 86 | 182 |
| AS∗A007GCGH | HIGH | 550 | 153 | 324 |
| | MED—HIGH | 510 | 142 | 300 |
| | MED | 470 | 131 | 277 |
| | MED—LOW | 410 | 114 | 241 |
| | LOW | 360 | 100 | 212 |
| | QUIET | 310 | 86 | 182 |
| AS∗A009GCGH | HIGH | 610 | 169 | 359 |
| | MED—HIGH | 560 | 156 | 330 |
| | MED | 510 | 142 | 300 |
| | MED—LOW | 440 | 122 | 259 |
| | LOW | 360 | 100 | 212 |
| | QUIET | 310 | 86 | 182 |
| AS∗A012GCGH | HIGH | 690 | 192 | 406 |
| | MED—HIGH | 610 | 169 | 359 |
| | MED | 560 | 156 | 330 |
| | MED—LOW | 530 | 147 | 312 |
| | LOW | 470 | 131 | 277 |
| | QUIET | 330 | 92 | 194 |
| AS∗A014GCGH | HIGH | 800 | 222 | 471 |
| | MED—HIGH | 740 | 206 | 436 |
| | MED | 680 | 189 | 400 |
| | MED—LOW | 610 | 169 | 359 |
| | LOW | 550 | 153 | 324 |
| | QUIET | 330 | 92 | 194 |
| AS∗A18GBCH | HIGH | 840 | 233 | 494 |
| | MED | 770 | 214 | 453 |
| | LOW | 690 | 192 | 406 |
| AS∗A24GBCH | HIGH | 1,100 | 306 | 647 |
| | MED | 910 | 253 | 536 |
| | LOW | 730 | 203 | 430 |
| AS∗A030GTEH | HIGH | 1,440 | 400 | 848 |
| | MED—HIGH | 1,200 | 333 | 706 |
| | MED | 1,050 | 292 | 618 |
| | MED—LOW | 940 | 261 | 553 |
| | LOW | 890 | 247 | 524 |
| | QUIET | 700 | 194 | 412 |
| AS∗A034GTEH | HIGH*1 | 1,620/1,520 | 450/422 | 954/895 |
| | MED—HIGH | 1,300 | 361 | 765 |
| | MED | 1,120 | 311 | 659 |
| | MED—LOW | 980 | 272 | 577 |
| | LOW | 890 | 247 | 524 |
| | QUIET | 700 | 194 | 412 |

*1: This value is “Cooling operation/Heating operation”.



INDOOR UNITS

# 8-16. Wall mounted type (EEV external model)

| Model | Mode | Airflow | | |
|---|---|---|---|---|
| | | $m^3/h$ | l/s | CFM |
| AS∗E004GCEH | HIGH | 450 | 125 | 265 |
| | MED—HIGH | 430 | 119 | 253 |
| | MED | 400 | 111 | 235 |
| | MED—LOW | 380 | 106 | 224 |
| | LOW | 360 | 100 | 212 |
| | QUIET | 310 | 86 | 182 |
| AS∗E007GCEH | HIGH | 550 | 153 | 324 |
| | MED—HIGH | 510 | 142 | 300 |
| | MED | 470 | 131 | 277 |
| | MED—LOW | 410 | 114 | 241 |
| | LOW | 360 | 100 | 212 |
| | QUIET | 310 | 86 | 182 |
| AS∗E009GCEH | HIGH | 610 | 169 | 359 |
| | MED—HIGH | 560 | 156 | 330 |
| | MED | 510 | 142 | 300 |
| | MED—LOW | 440 | 122 | 259 |
| | LOW | 360 | 100 | 212 |
| | QUIET | 310 | 86 | 182 |
| AS∗E012GCEH | HIGH | 690 | 192 | 406 |
| | MED—HIGH | 610 | 169 | 359 |
| | MED | 560 | 156 | 330 |
| | MED—LOW | 530 | 147 | 312 |
| | LOW | 470 | 131 | 277 |
| | QUIET | 330 | 92 | 194 |
| AS∗E014GCEH | HIGH | 800 | 222 | 471 |
| | MED—HIGH | 740 | 206 | 436 |
| | MED | 680 | 189 | 400 |
| | MED—LOW | 610 | 169 | 359 |
| | LOW | 550 | 153 | 324 |
| | QUIET | 330 | 92 | 194 |

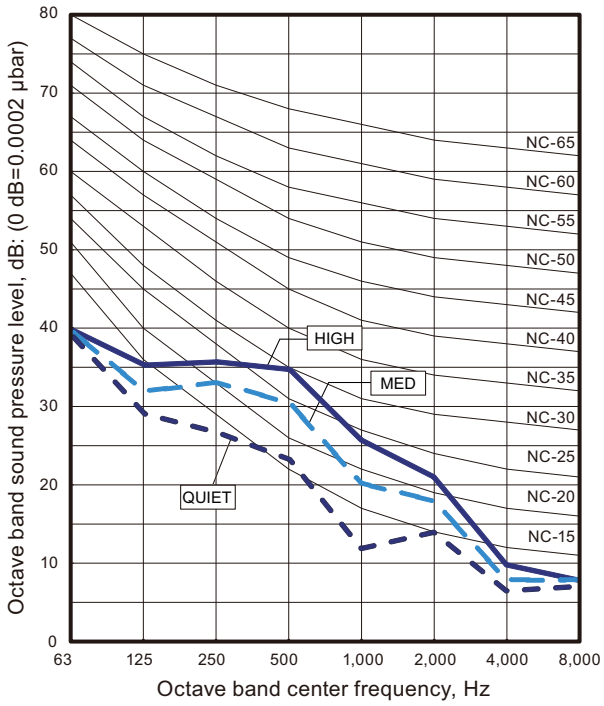

INDOOR UNITS

# 9. Noise level curve

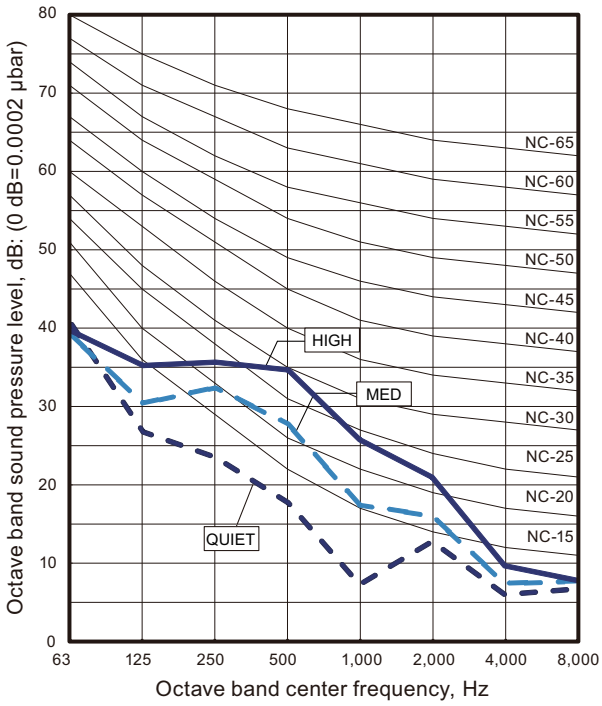
## 9-1. Compact cassette type

### • Model: AUXB004GLEH

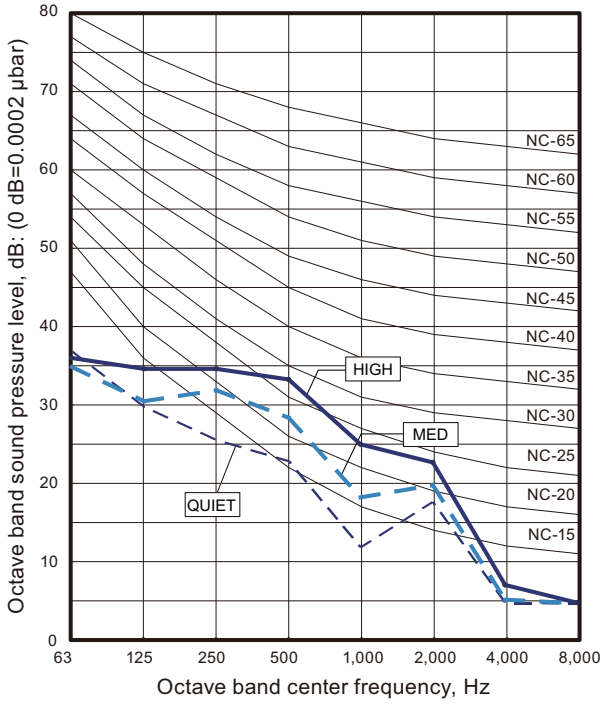
**Cooling**



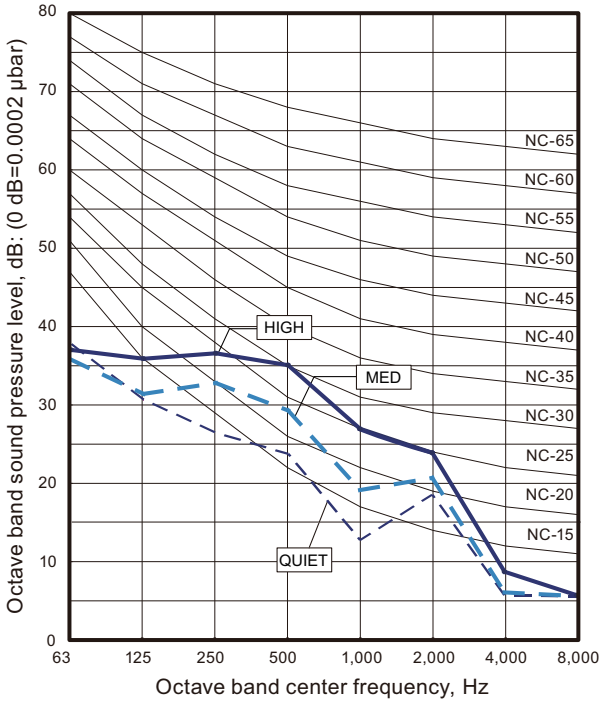

**Heating**




### • Model: AUXB007GLEH



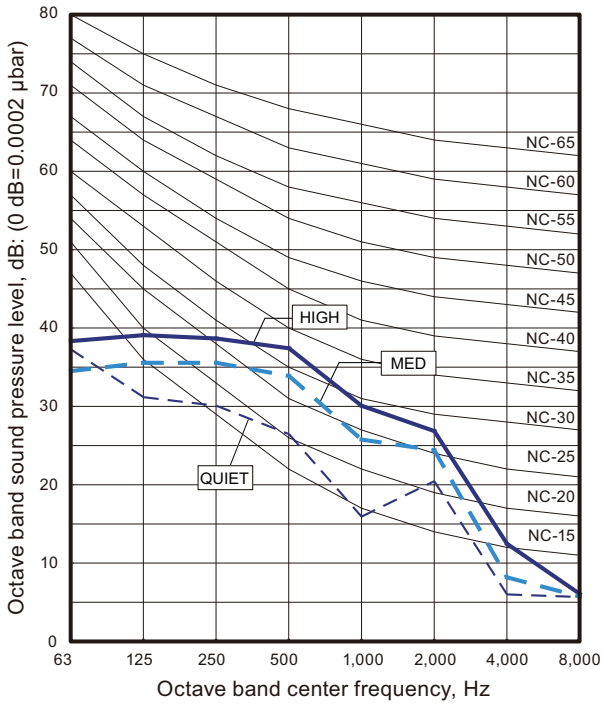

### • Model: AUXB009GLEH



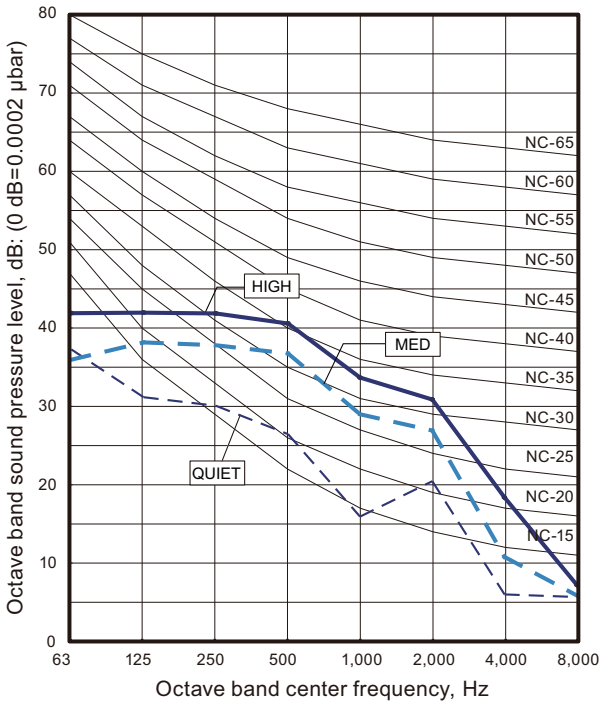



INDOOR UNITS

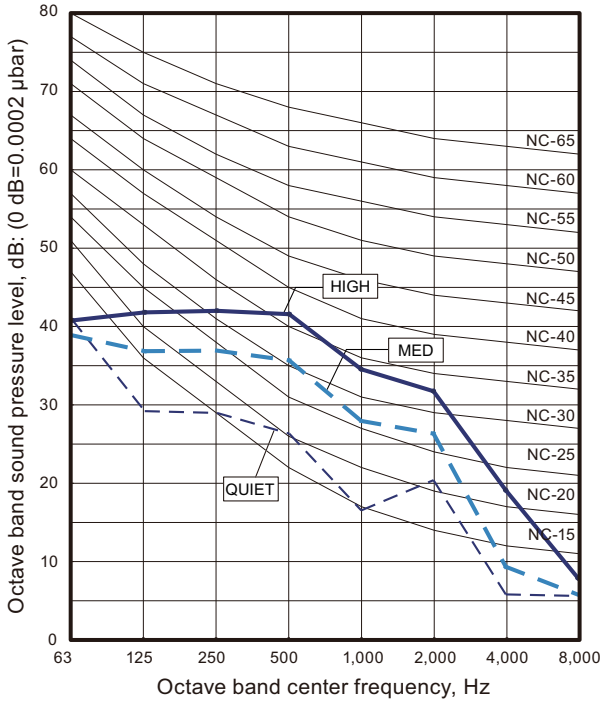
## • Model: AUXB012GLEH



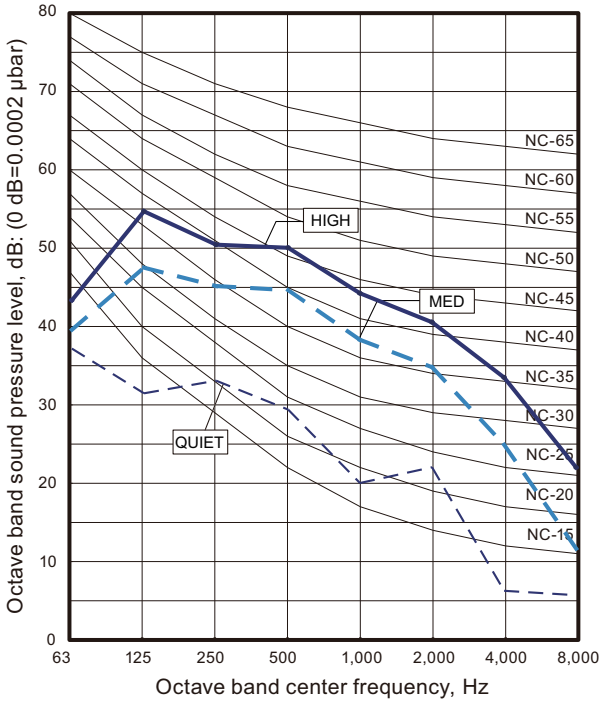

## • Model: AUXB014GLEH




## • Model: AUXB018GLEH



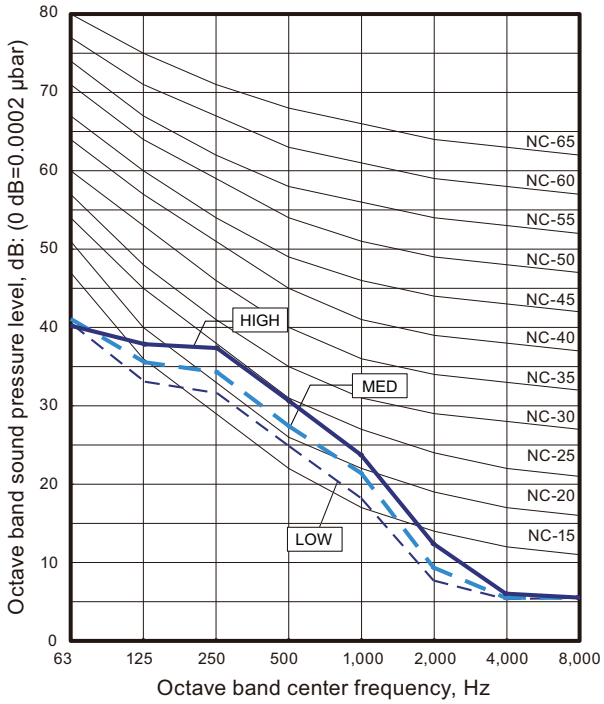

## • Model: AUXB024GLEH



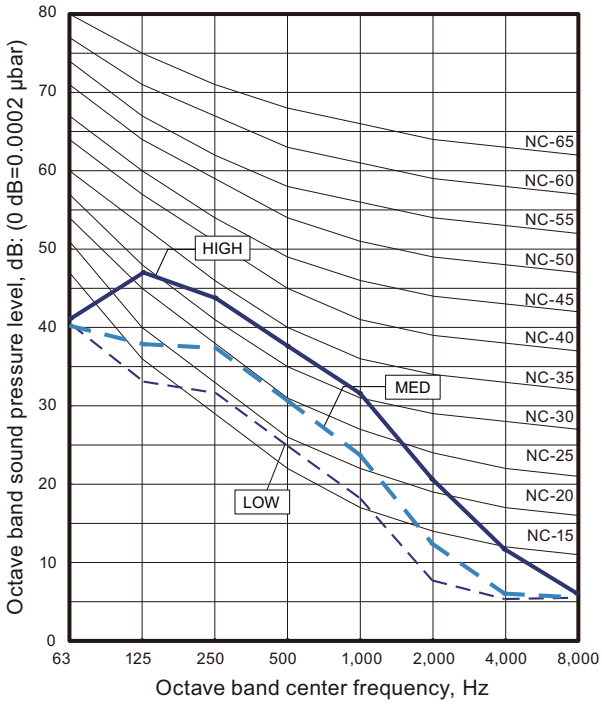
# 9-2. 4-way flow cassette type



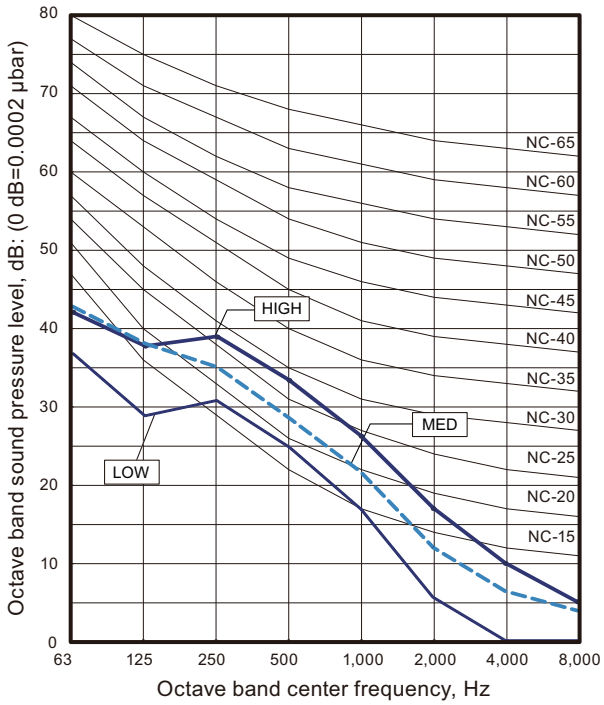
## • Model: AUXD18GALH



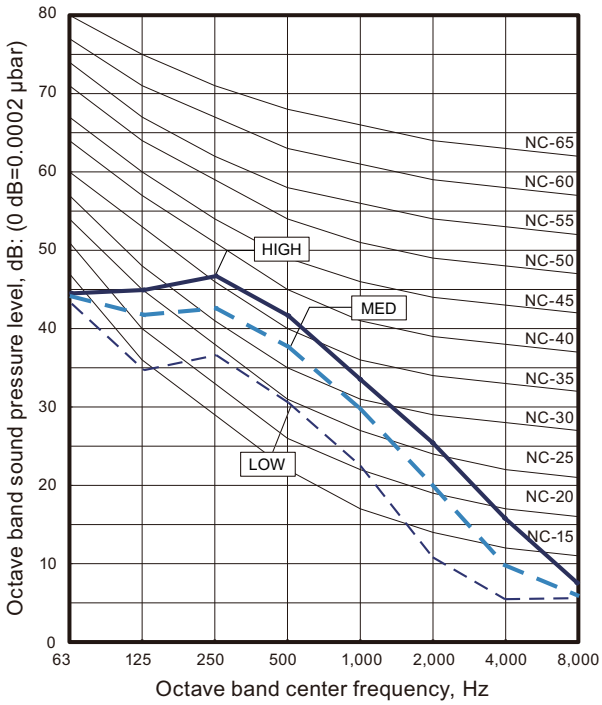

## • Model: AUXD24GALH



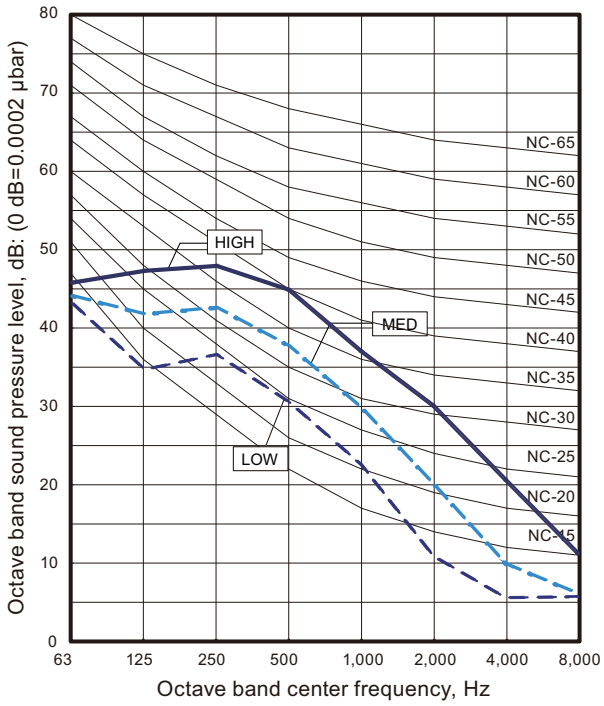

## • Models: AUXA18GALH and AUXA24GALH



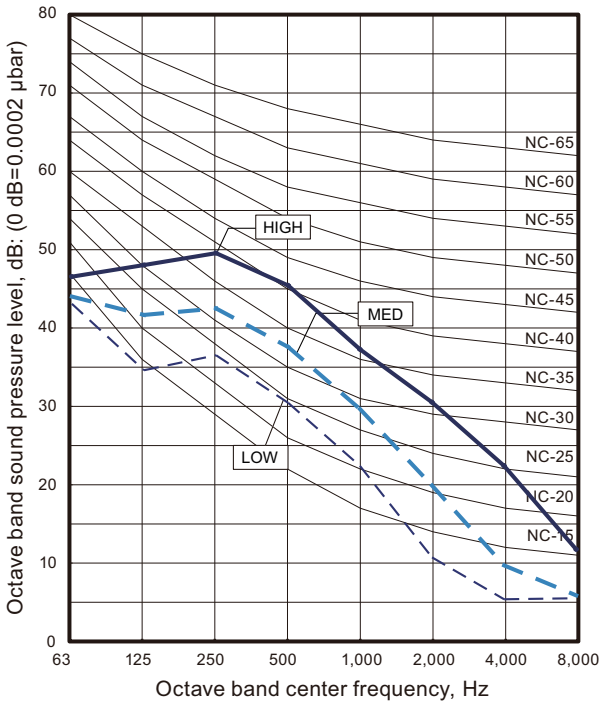

## • Model: AUXA30GALH



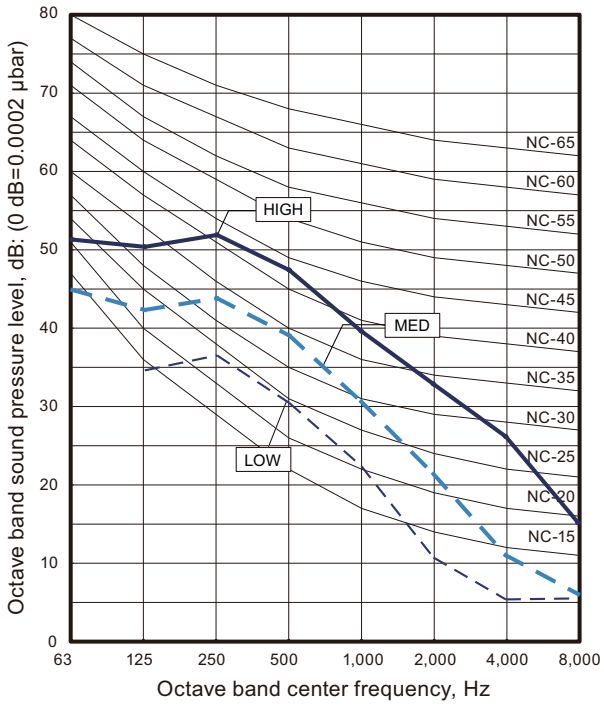
## • Model: AUXA34GALH



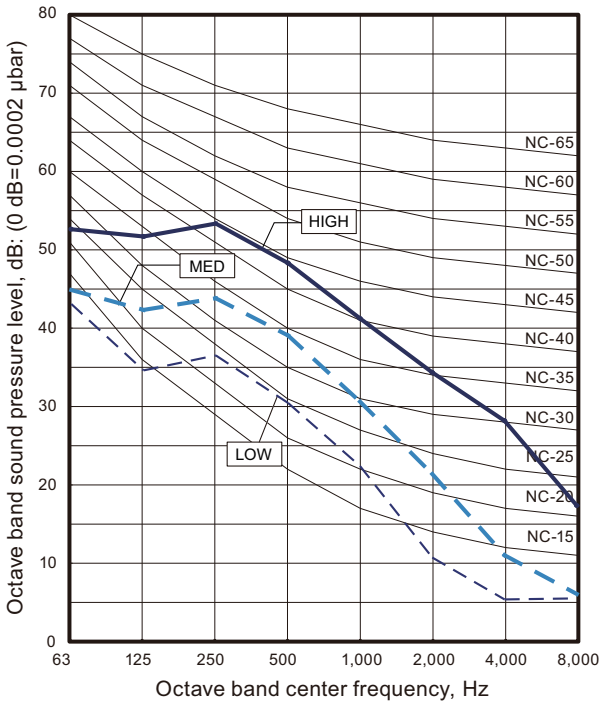

## • Model: AUXA36GALH




## • Model: AUXA45GALH

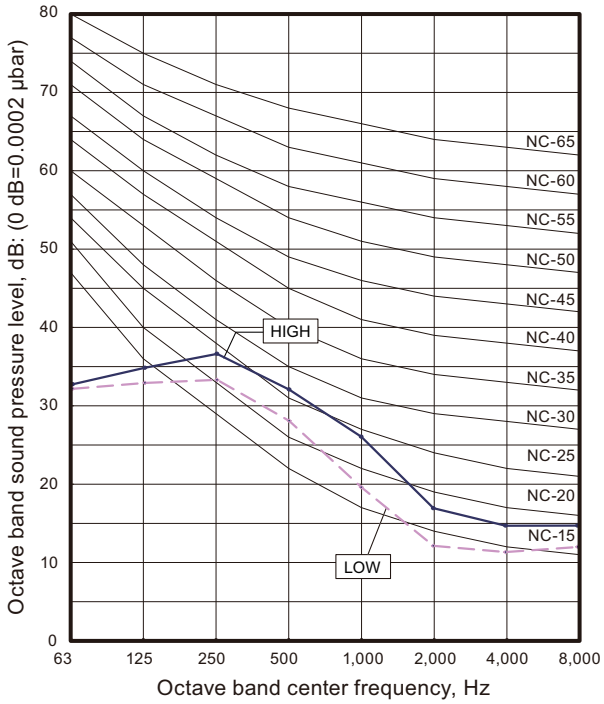



## • Model: AUXA54GALH

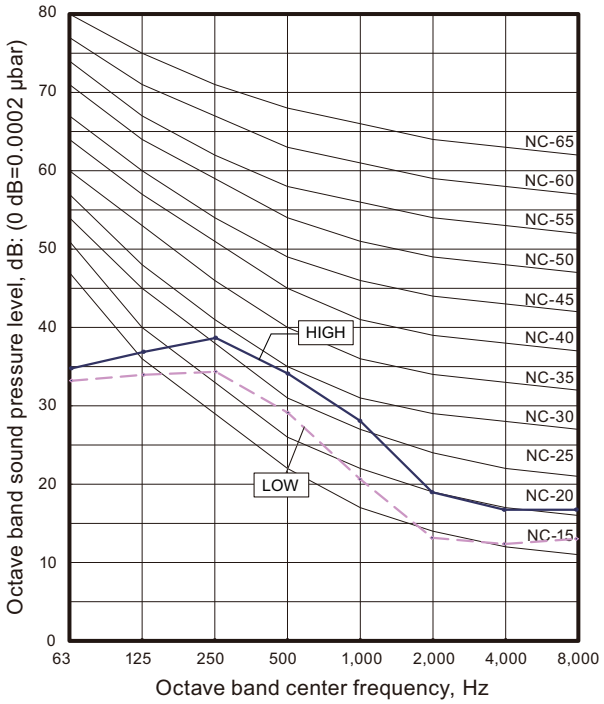


# 9-3. Circular flow cassette type

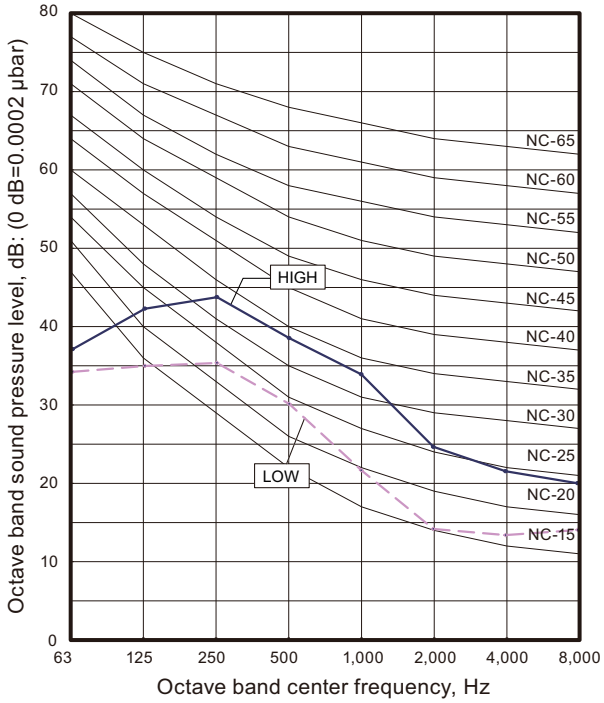
## • Model: AUXM018GLEH



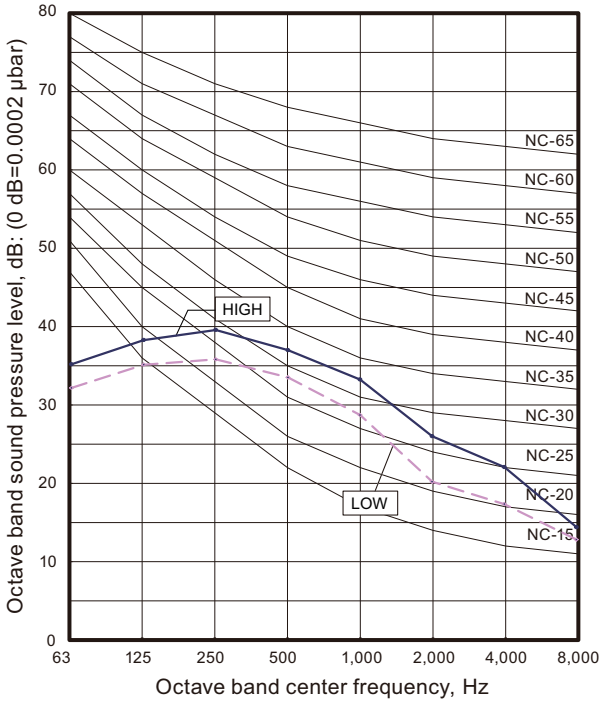

## • Model: AUXM024GLEH




## • Model: AUXM030GLEH




## • Models: AUXK018GLEH and AUXK024GLEH



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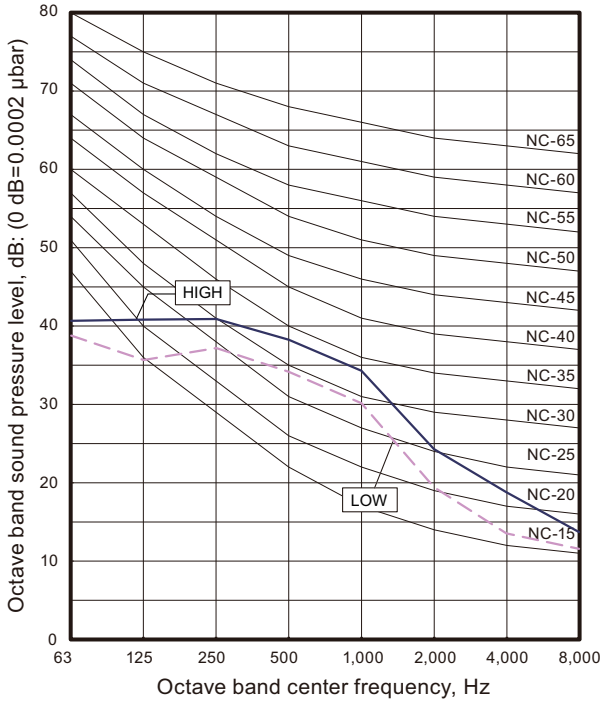
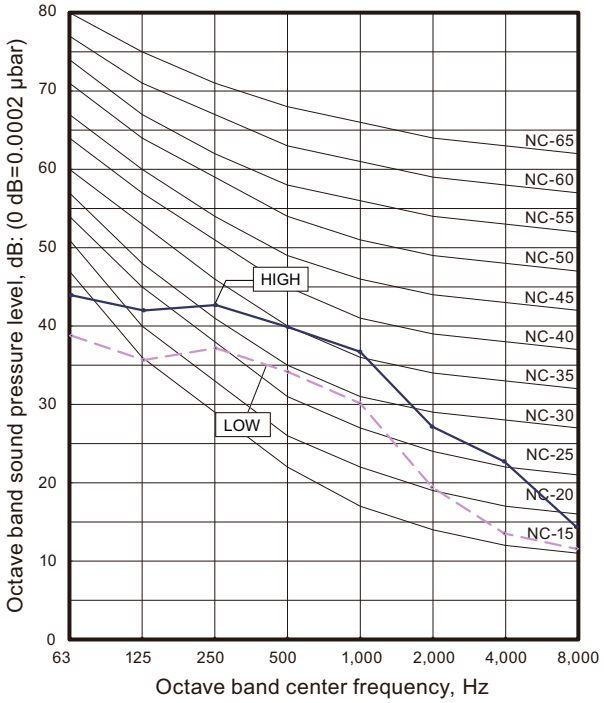
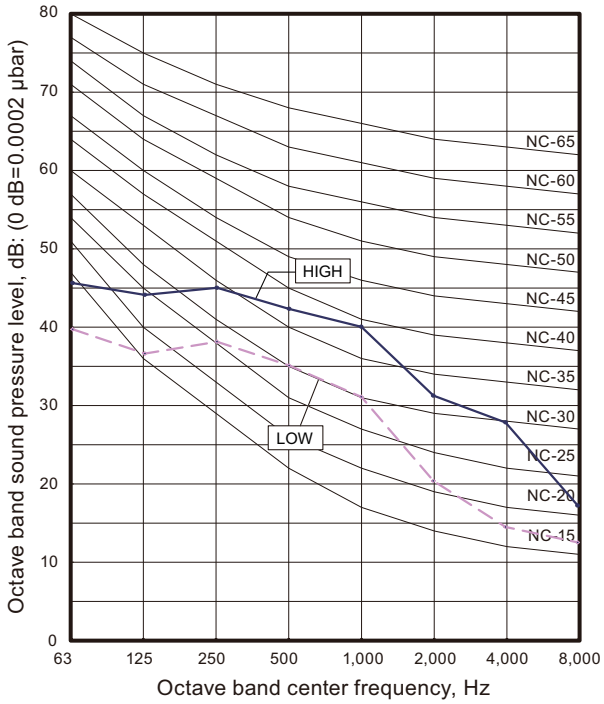
## • Models: AUXK030GLEH and AUXK034GLEH



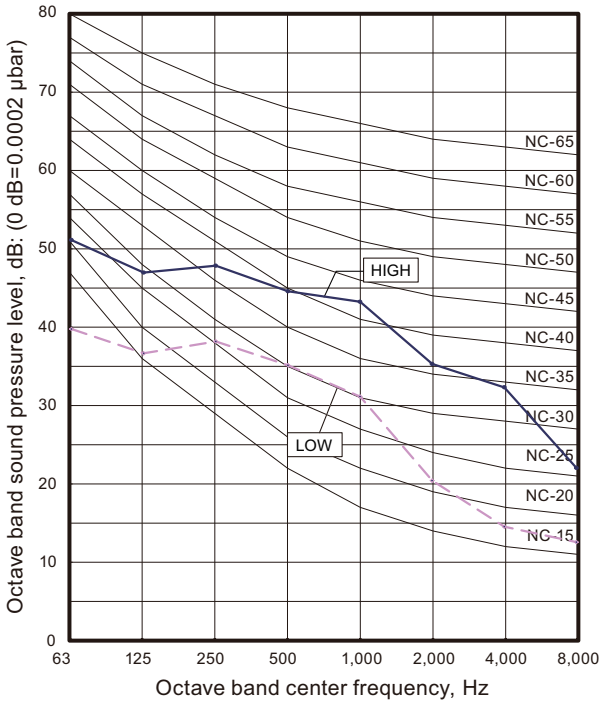

## • Model: AUXK036GLEH




## • Model: AUXK045GLEH

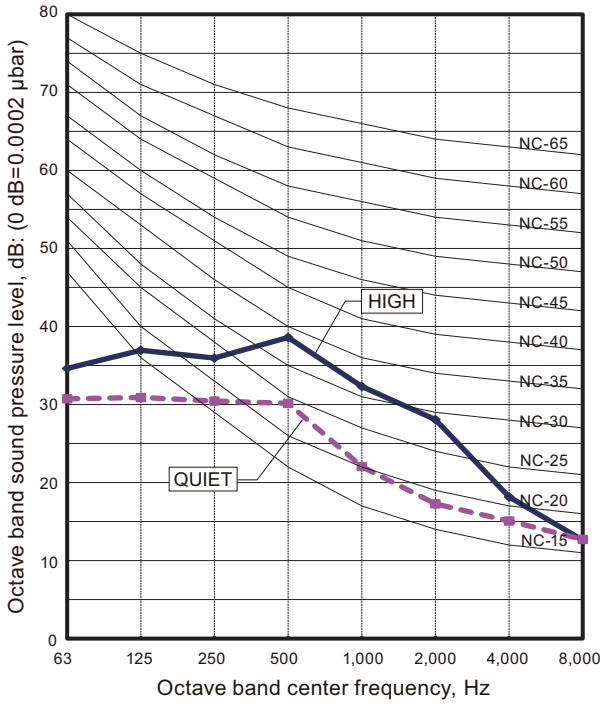



## • Model: AUXK054GLEH

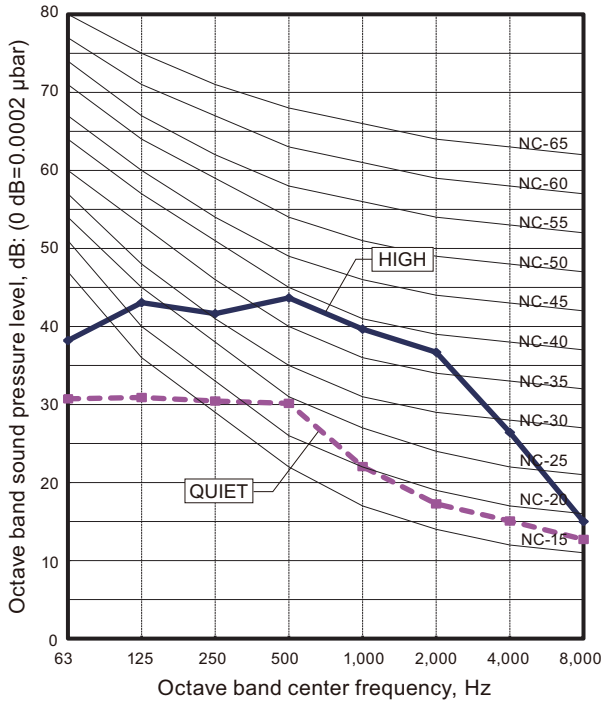


# 9-4. 3D flow cassette type

- **Model: AUXS018GLEH**




- **Model: AUXS024GLEH**





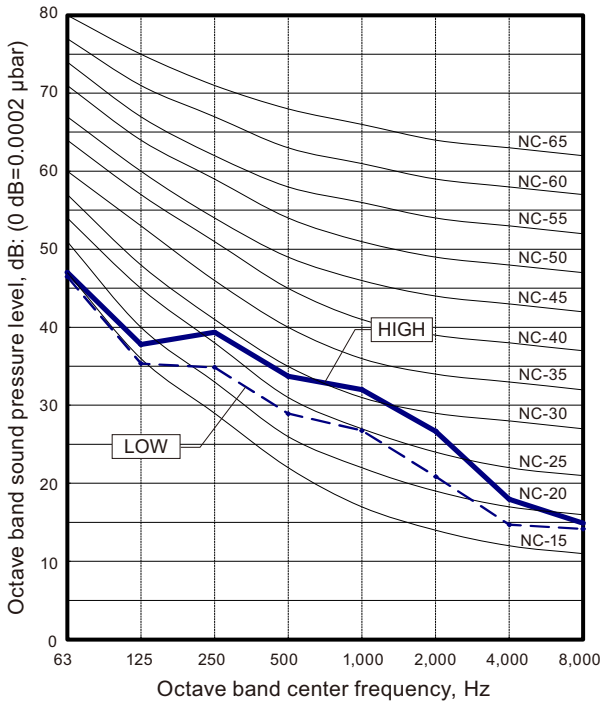

INDOOR UNITS

# 9-5. One way flow cassette type

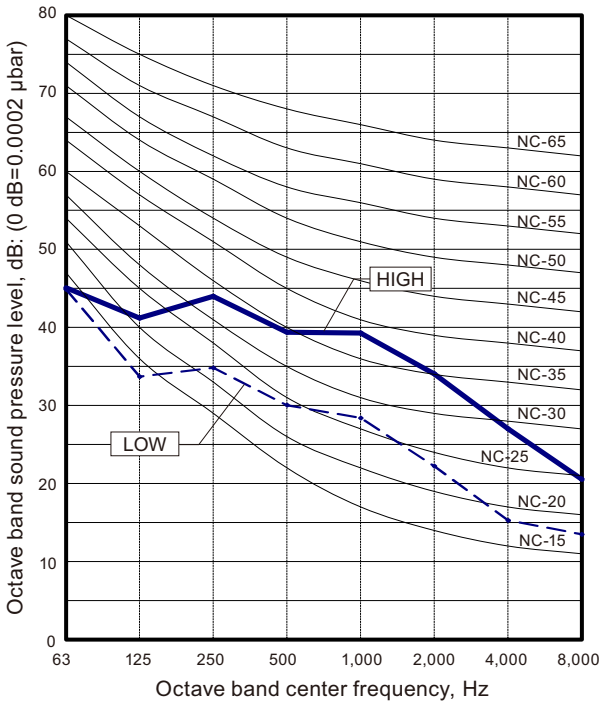


INDOOR UNITS

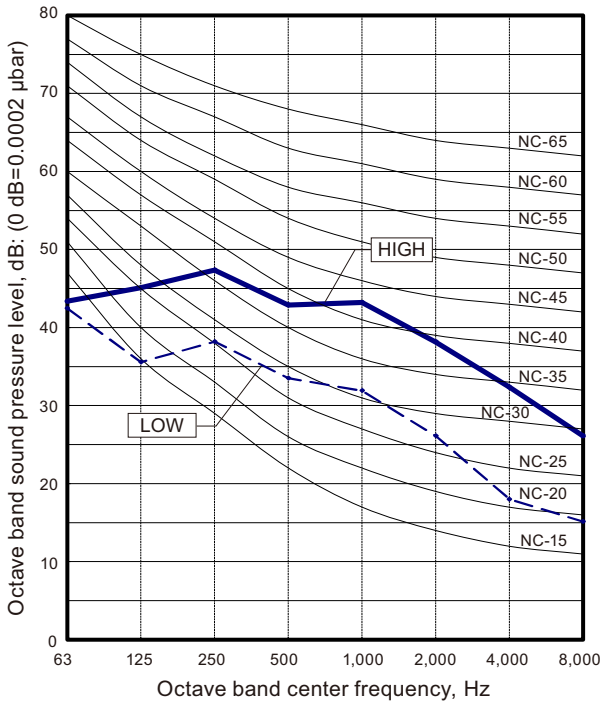
## • Model: AUXV004GLEH



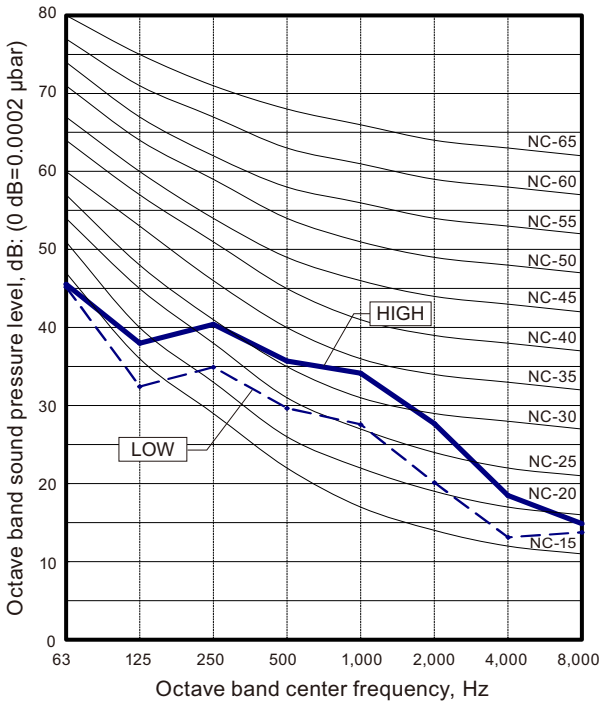

## • Models: AUXV007GLEH and AUXV009GLEH



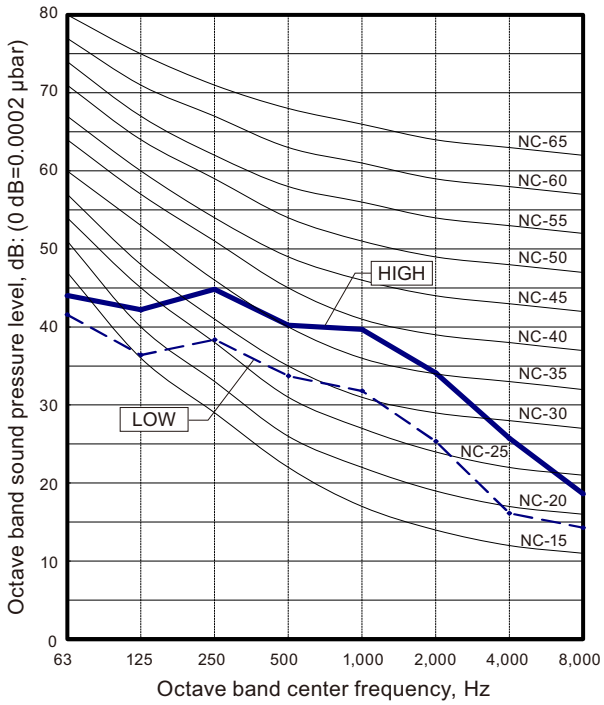

## • Model: AUXV012GLEH



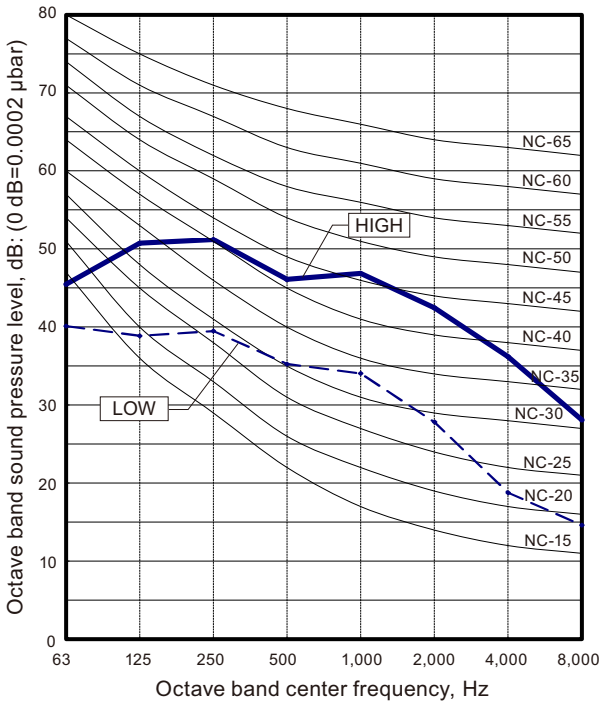

## • Model: AUXV014GLEH



## • Model: AUXV018GLEH




## • Model: AUXV024GLEH

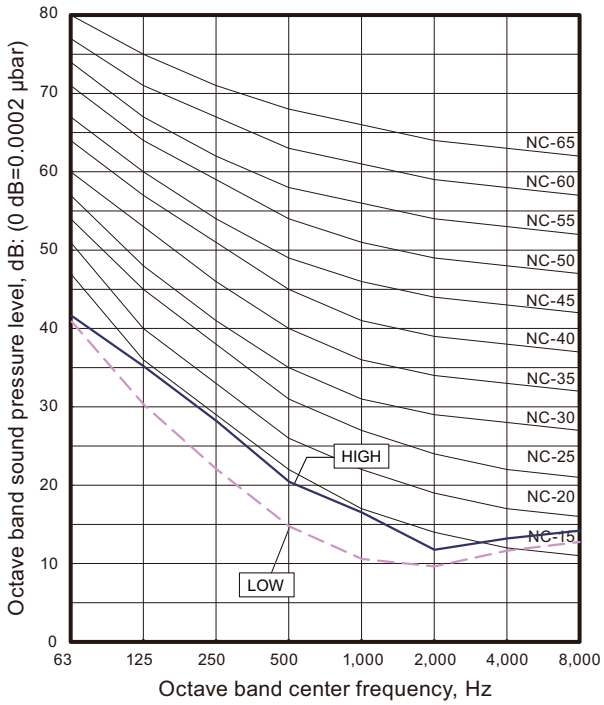



INDOOR UNITS

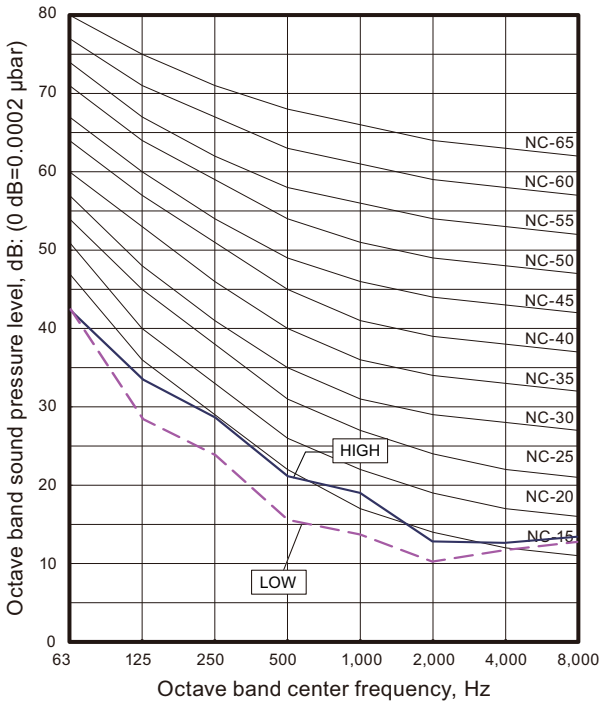
# 9-6. Low static pressure duct (Mini duct) type



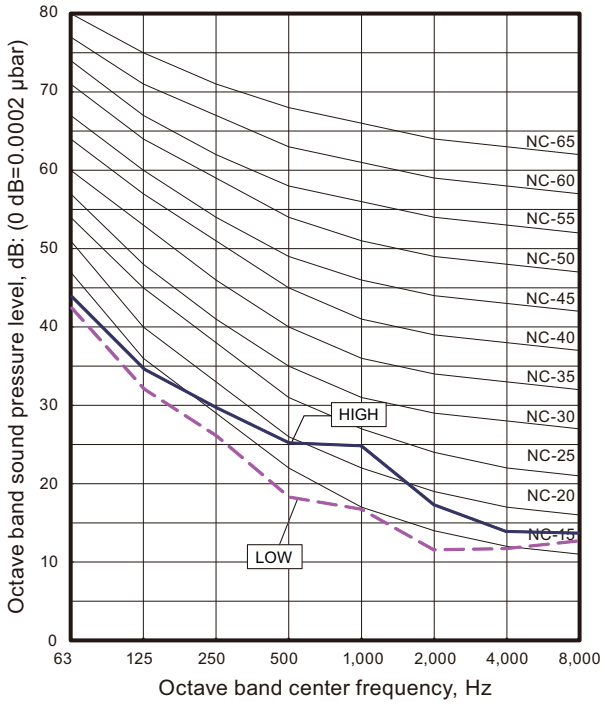
- **Model: ARXK004GLGH**



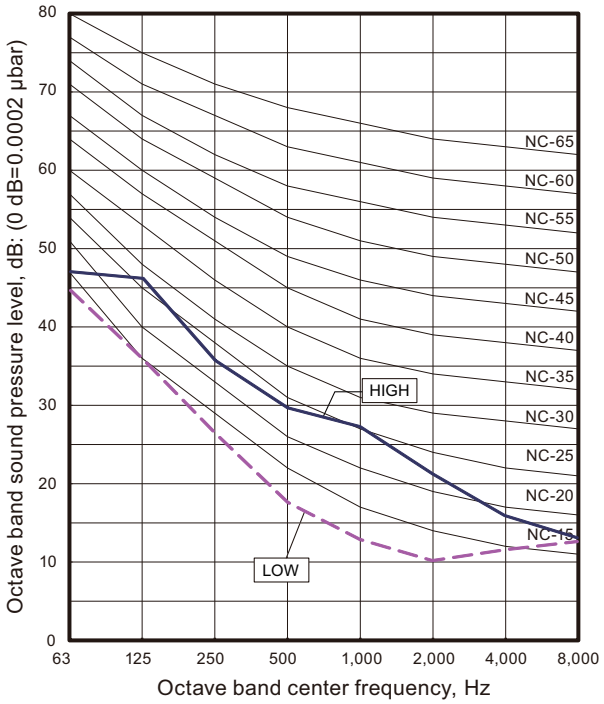

- **Models: ARXK007GLGH and ARXK009GLGH**



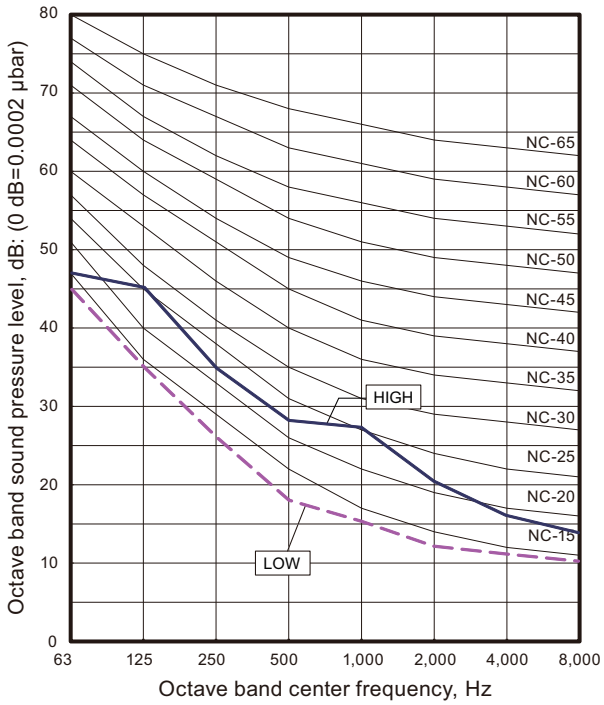

- **Model: ARXK012GLGH**



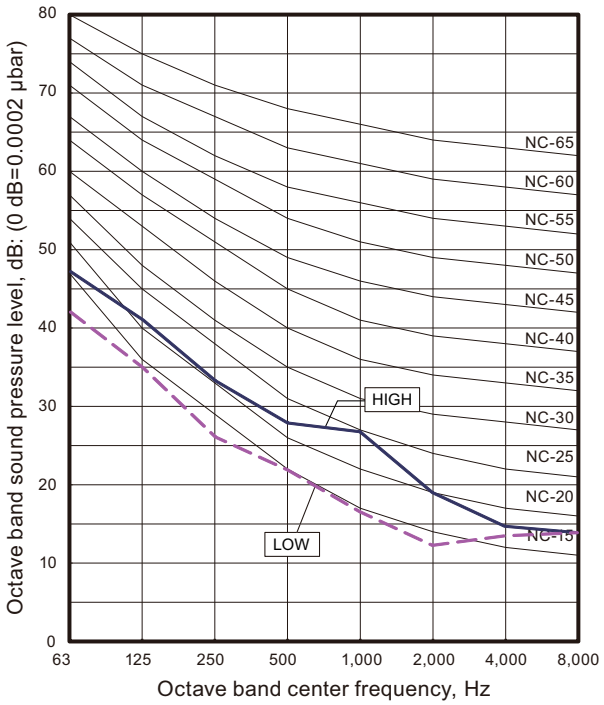

- **Model: ARXK014GLGH**



- **Model: ARXK018GLGH**




- **Model: ARXK024GLGH**

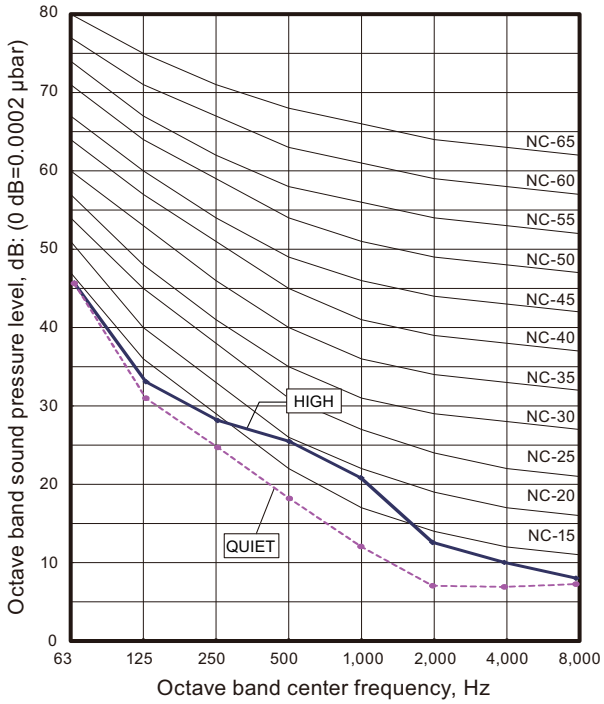



INDOOR UNITS

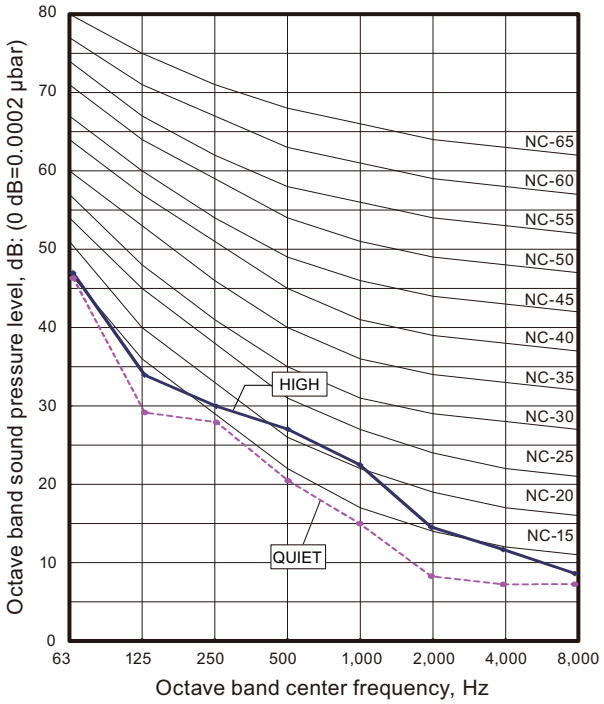
# 9-7. Low static pressure duct (Slim duct)/Slim concealed floor type



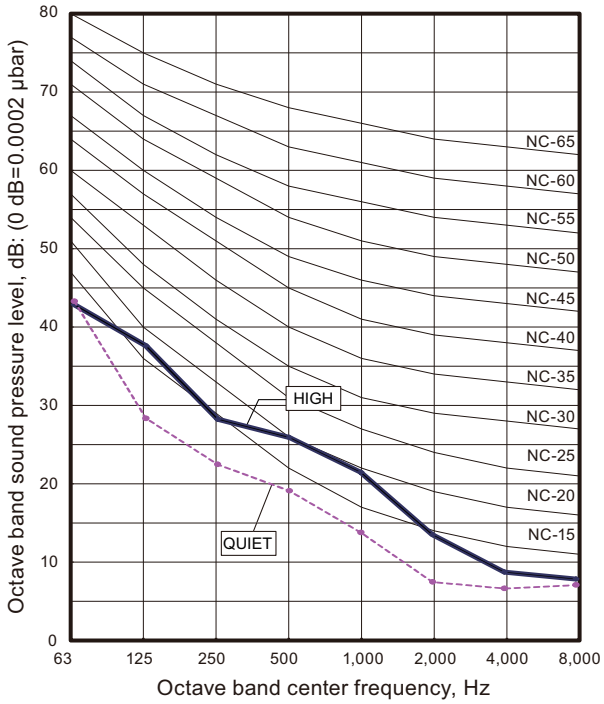
## • Model: ARXD007GLEH



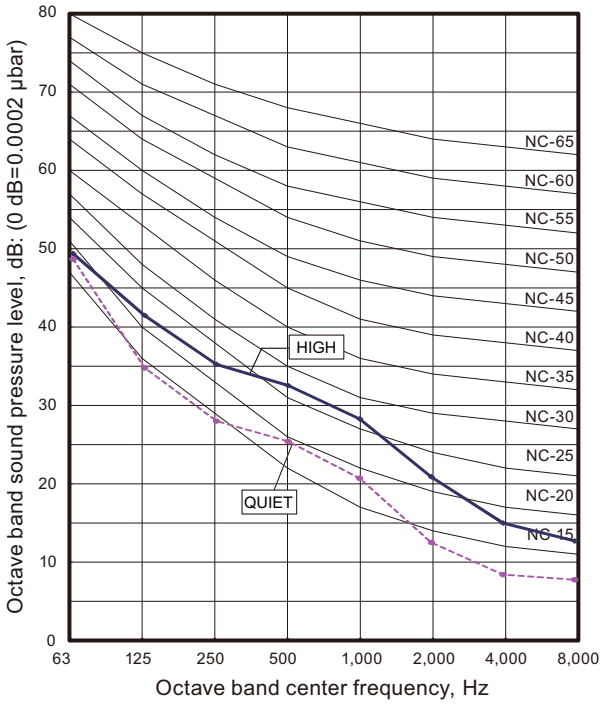

## • Model: ARXD009GLEH




## • Model: ARXD012GLEH

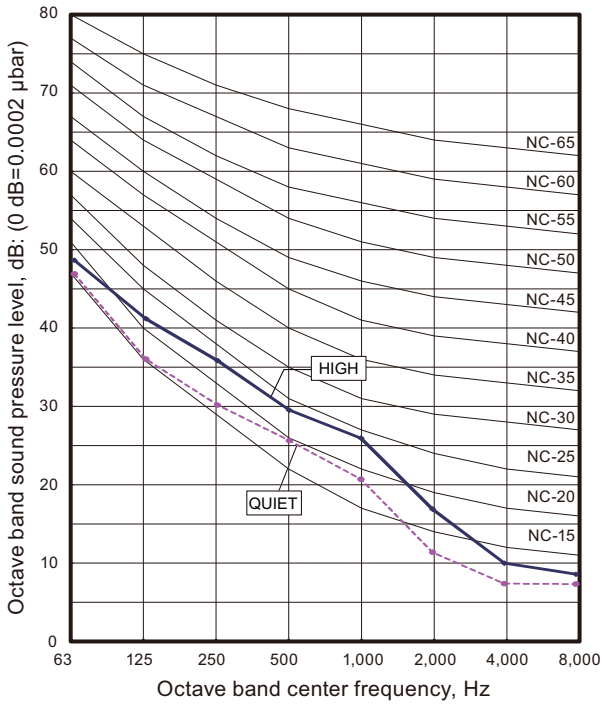



## • Model: ARXD014GLEH

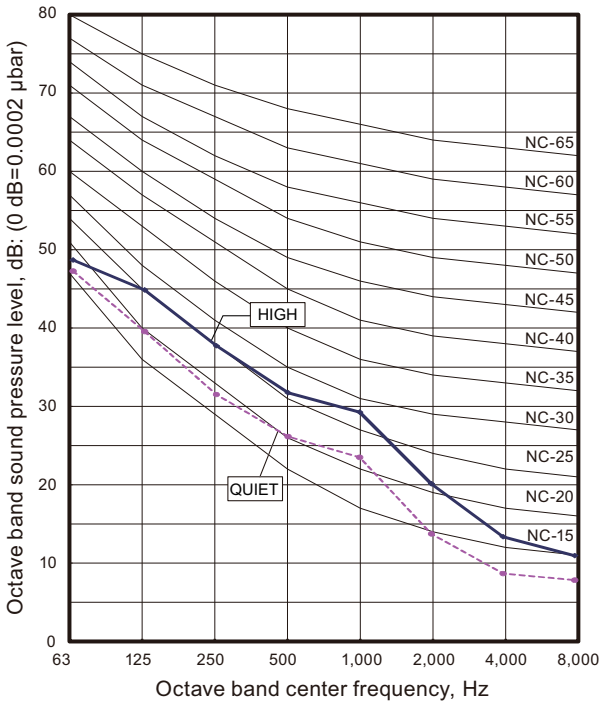



INDOOR UNITS

- **Model: ARXD018GLEH**




- **Model: ARXD024GLEH**

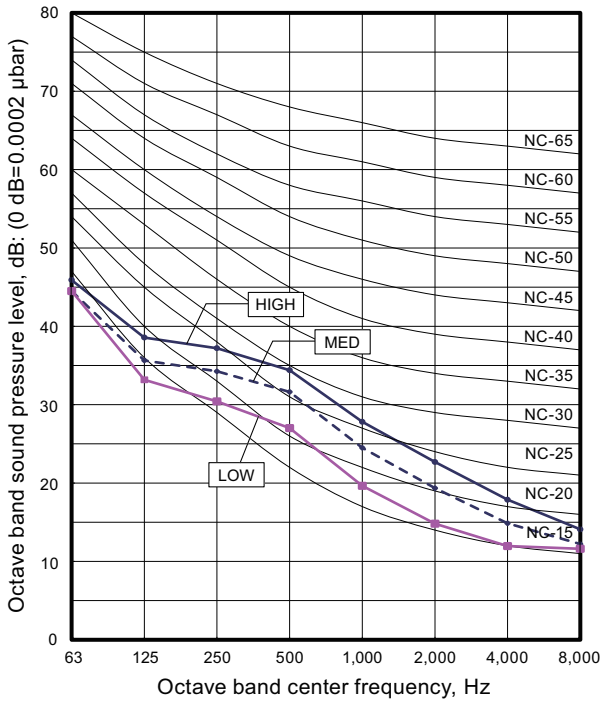



INDOOR UNITS

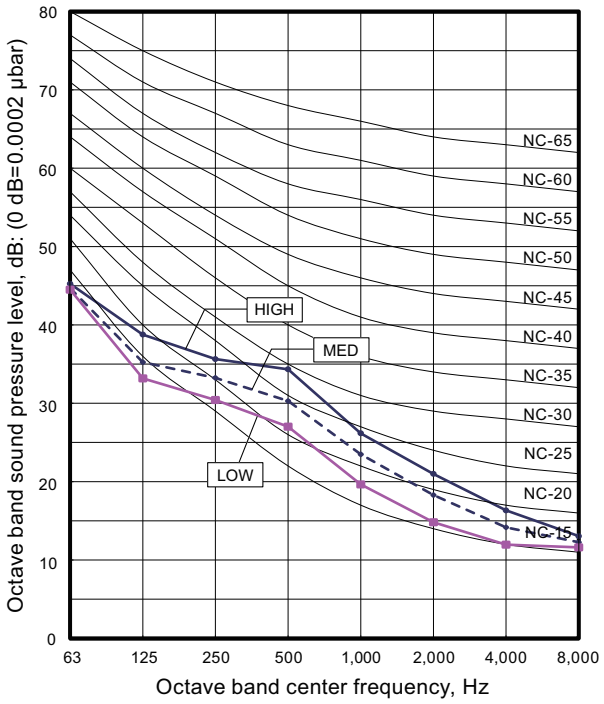
# 9-8. Low static pressure duct type (High efficiency)

## • Model: ARXP018GLFH

### Cooling

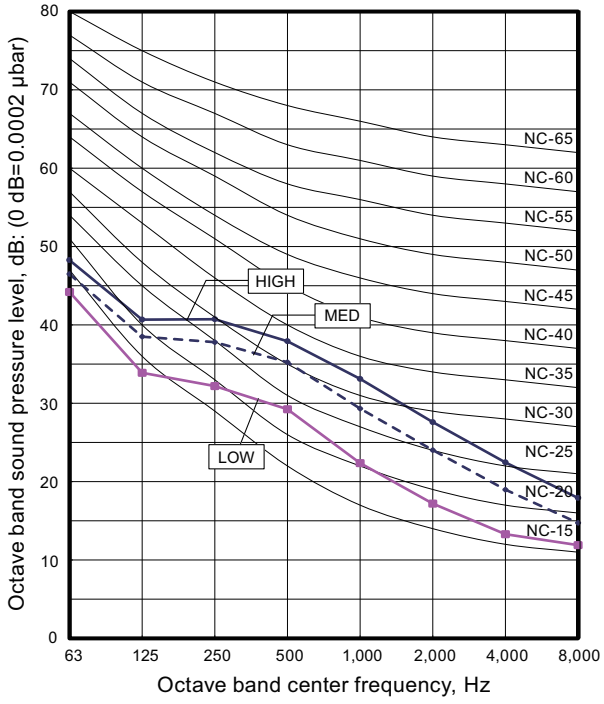



### Heating

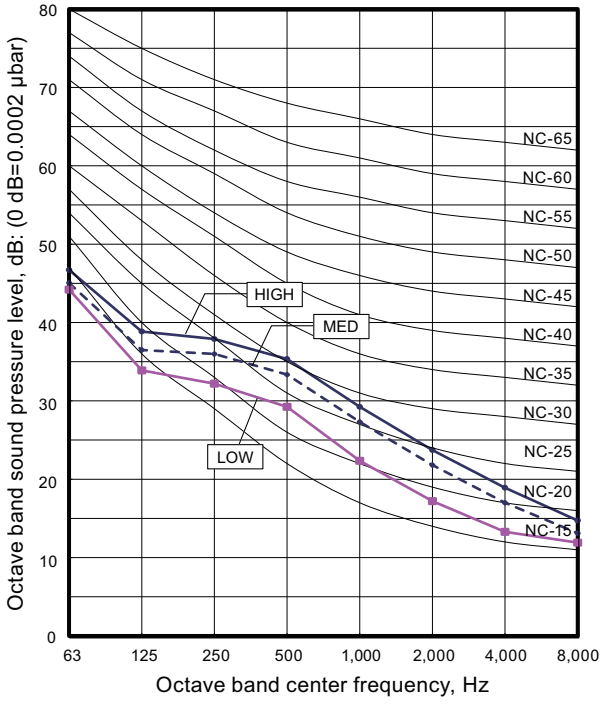



## • Model: ARXP030GLFH

### Cooling




### Heating



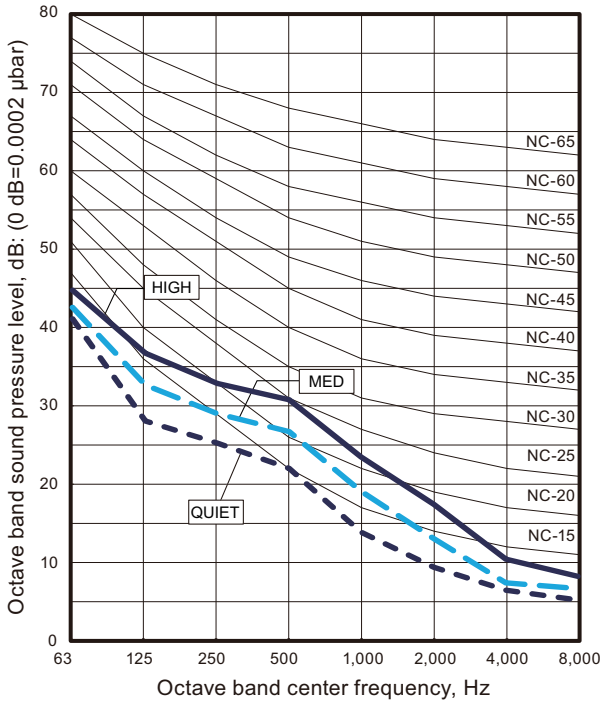



INDOOR UNITS

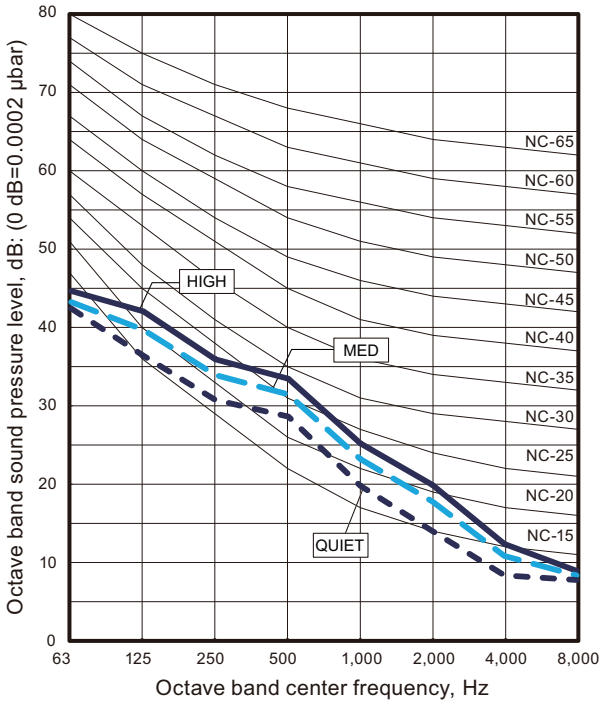
# 9-9. Medium static pressure duct type



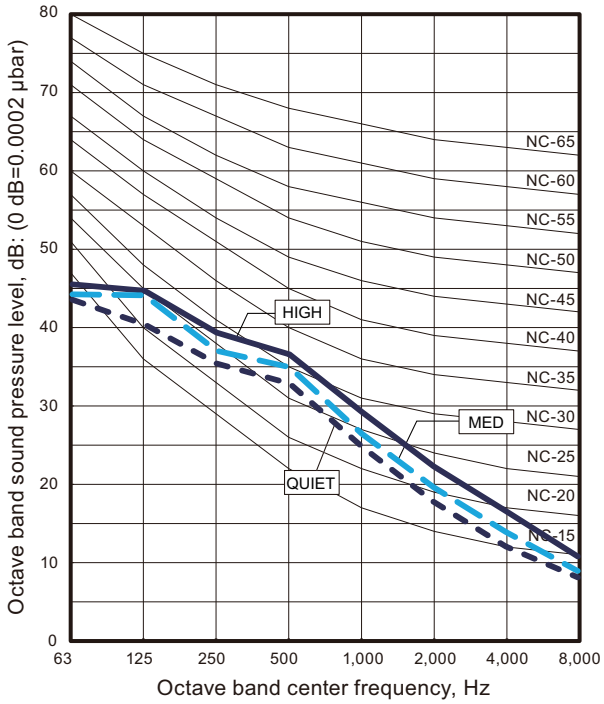
## • Model: ARXA024GLEH



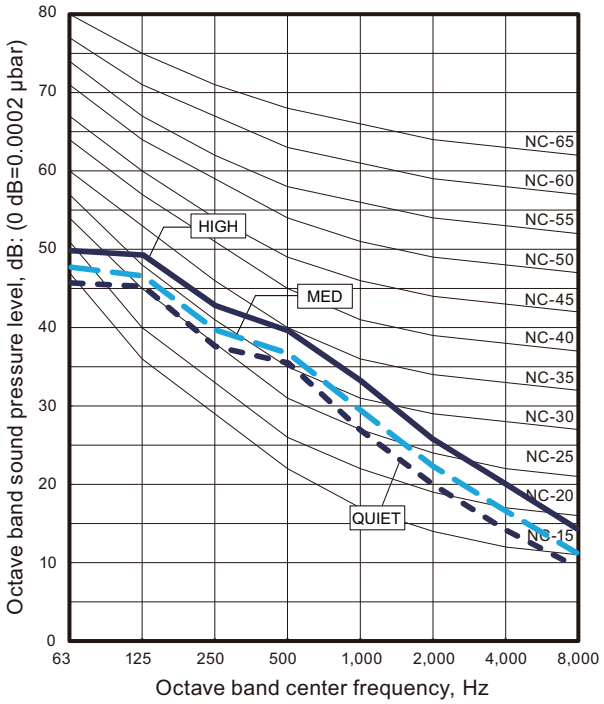

## • Model: ARXA030GLEH




## • Model: ARXA036GLEH



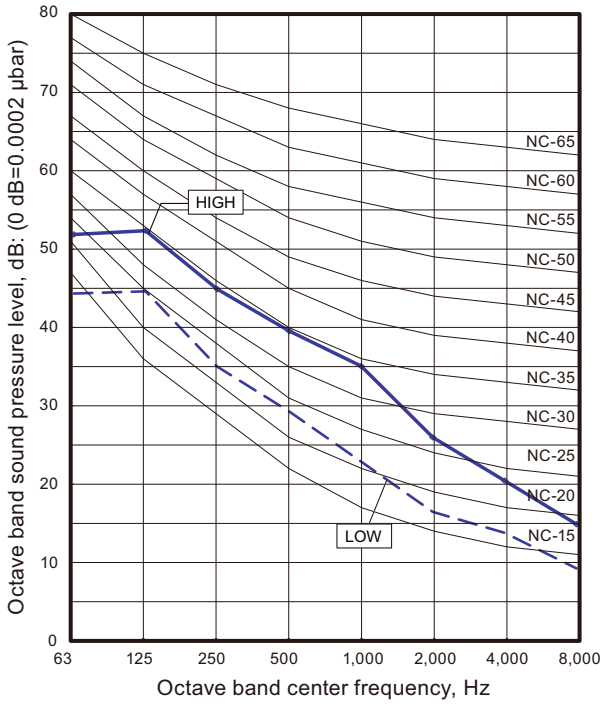

## • Model: ARXA045GLEH



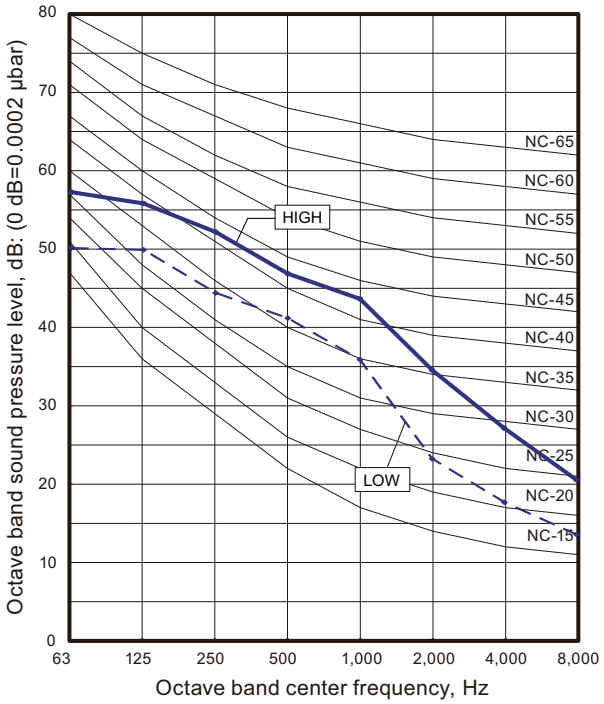

INDOOR UNITS

# 9-10. High static pressure duct type

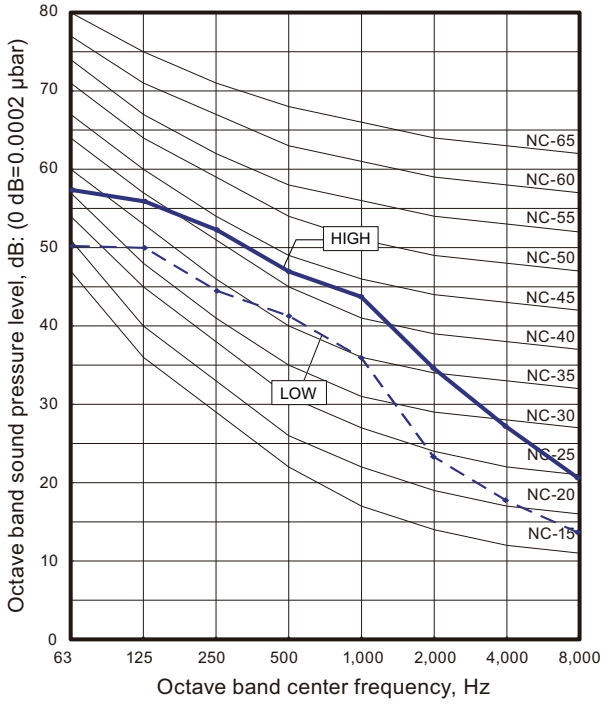
- **Model: ARXC036GTEH**



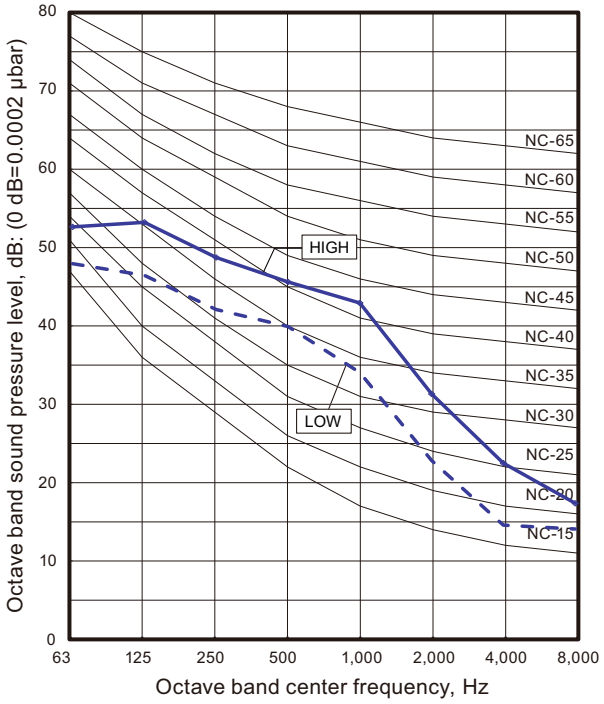

- **Model: ARXC045GTEH**




- **Model: ARXC060GTEH**



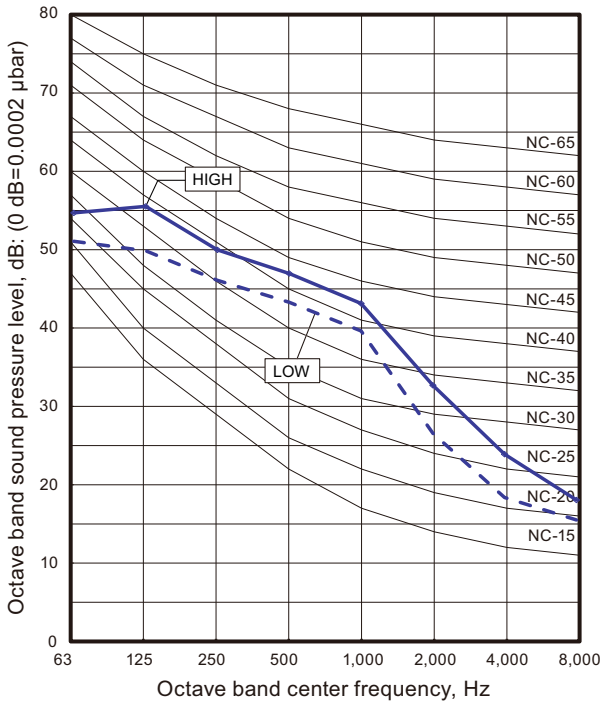

- **Model: ARXC072GTEH**



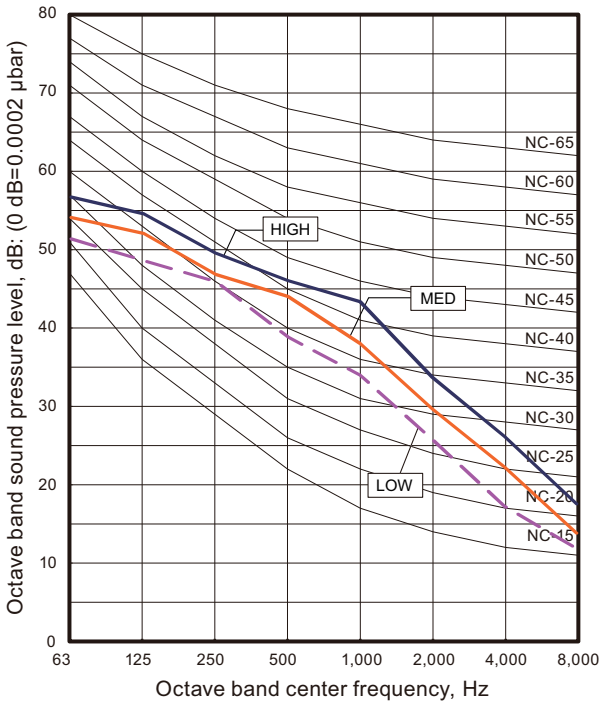


INDOOR UNITS

## • Model: ARXC090GTEH



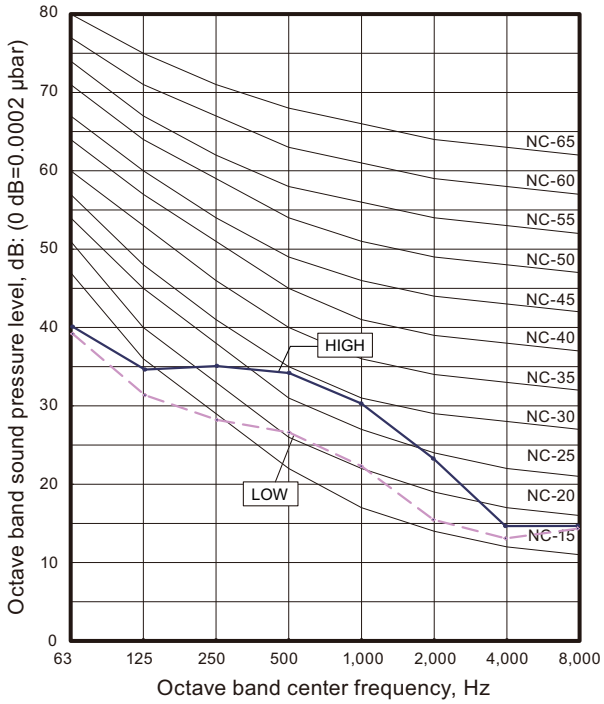

## • Model: ARXC096GTEH



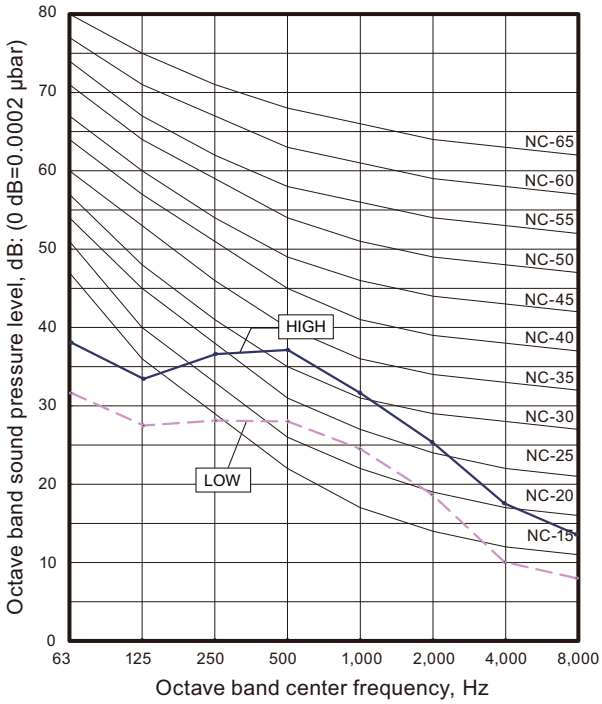

INDOOR UNITS

# 9-11. Compact floor type

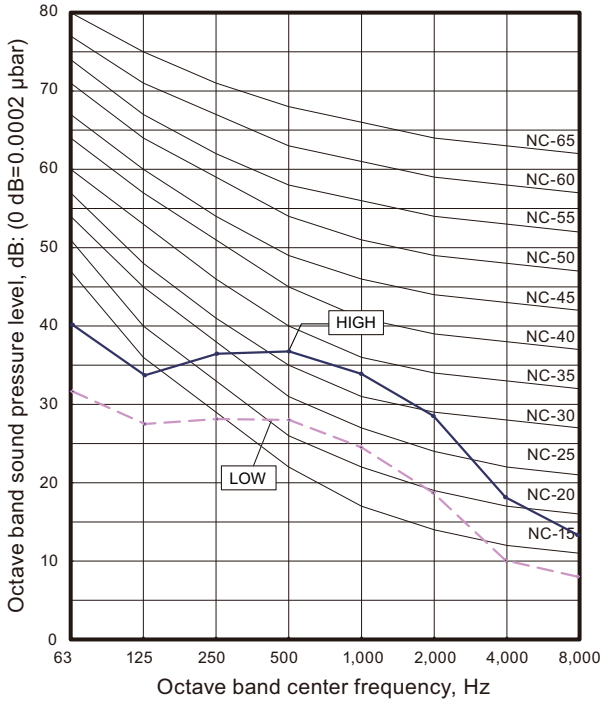
- **Model: AG∗A004GCGH**



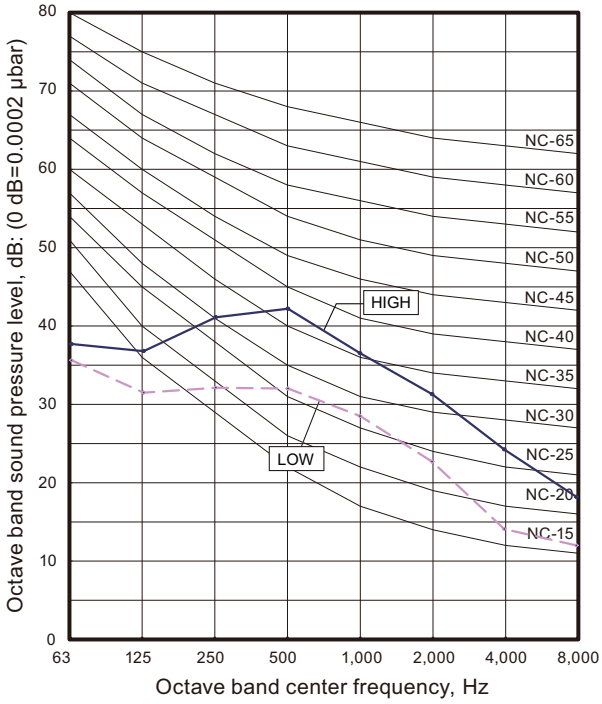

- **Model: AG∗A007GCGH**




- **Model: AG∗A009GCGH**



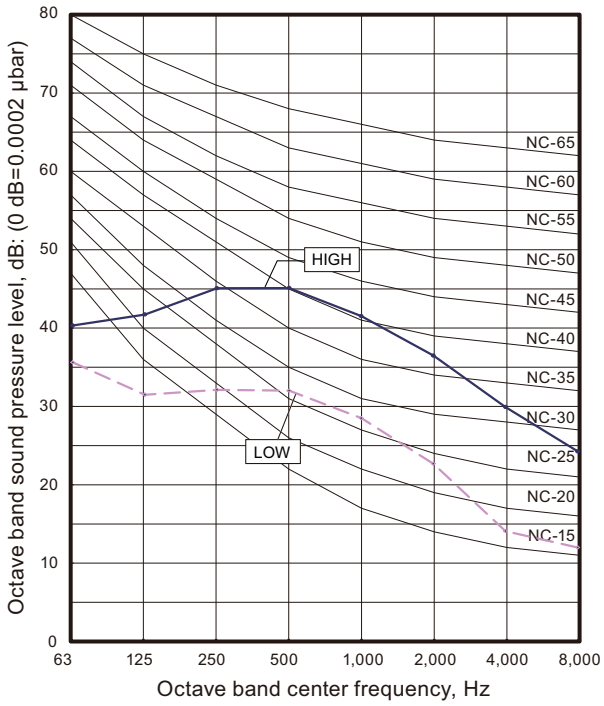

- **Model: AG∗A012GCGH**






INDOOR UNITS

- **Model: AG∗A014GCGH**





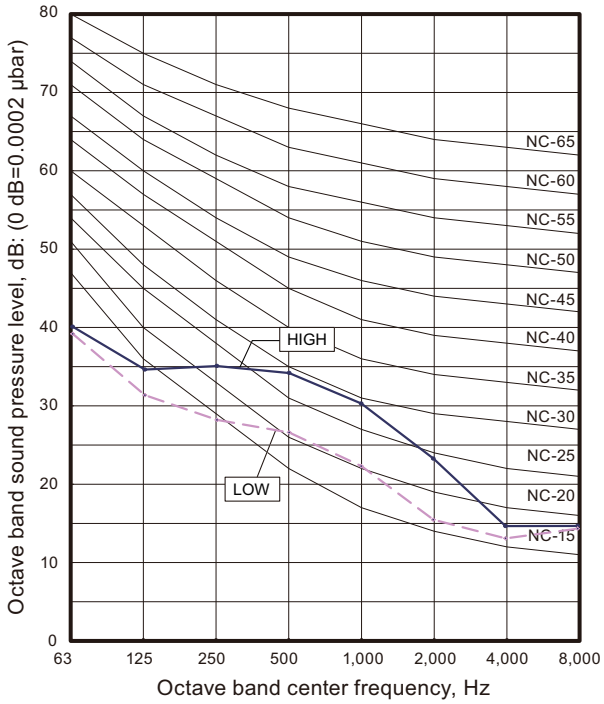

INDOOR UNITS

# 9-12. Compact floor type (EEV external model)

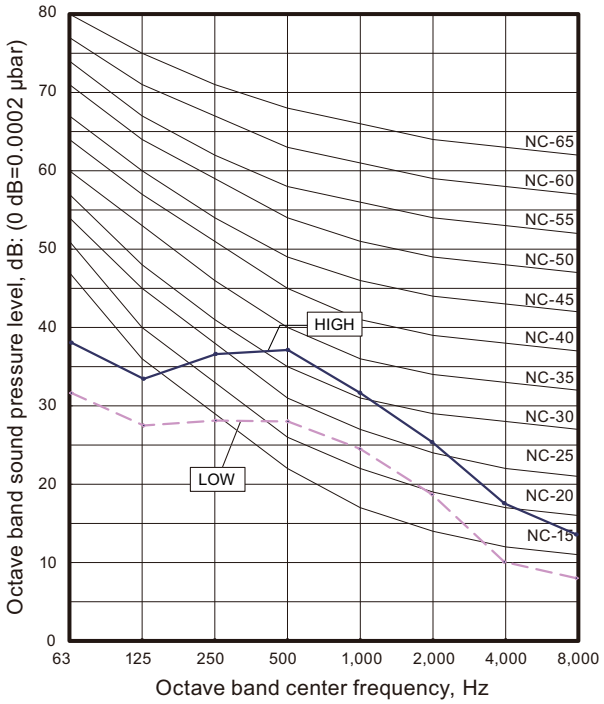


INDOOR UNITS

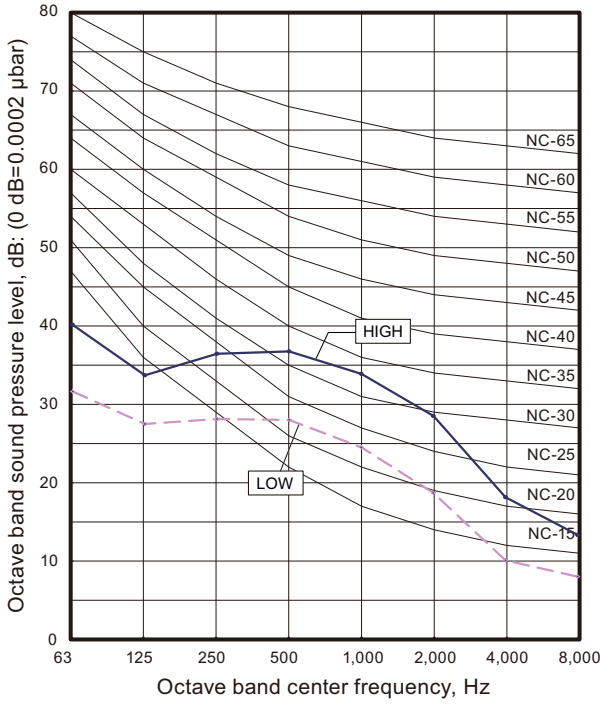
- **Model: AG∗E004GCEH**



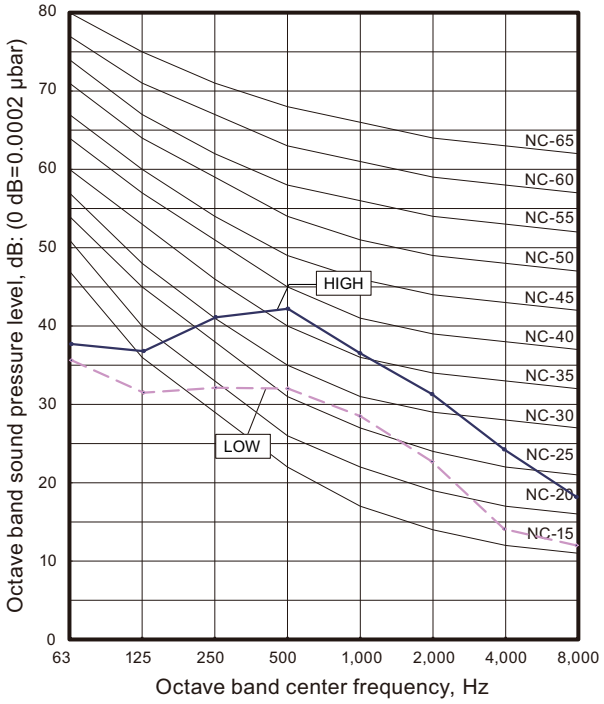

- **Model: AG∗E007GCEH**



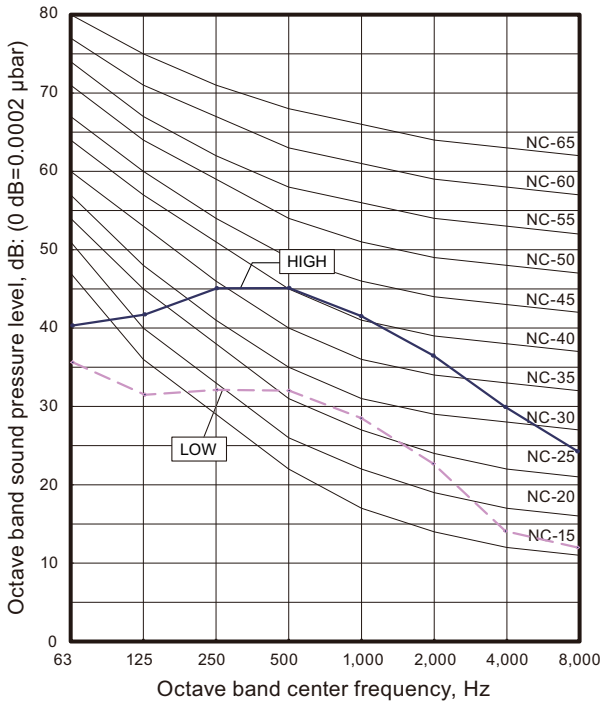

- **Model: AG∗E009GCEH**




- **Model: AG∗E012GCEH**



- **Model: AG∗E014GCEH**



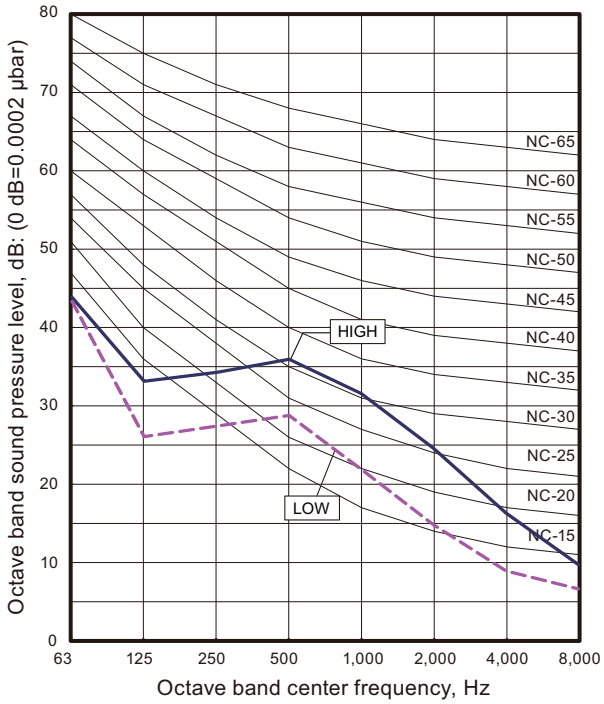



INDOOR UNITS

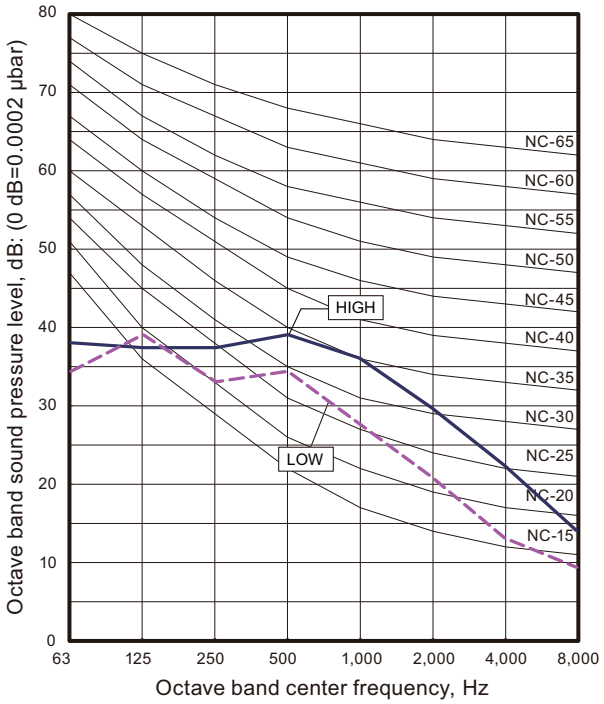
# 9-13. Floor/Ceiling type



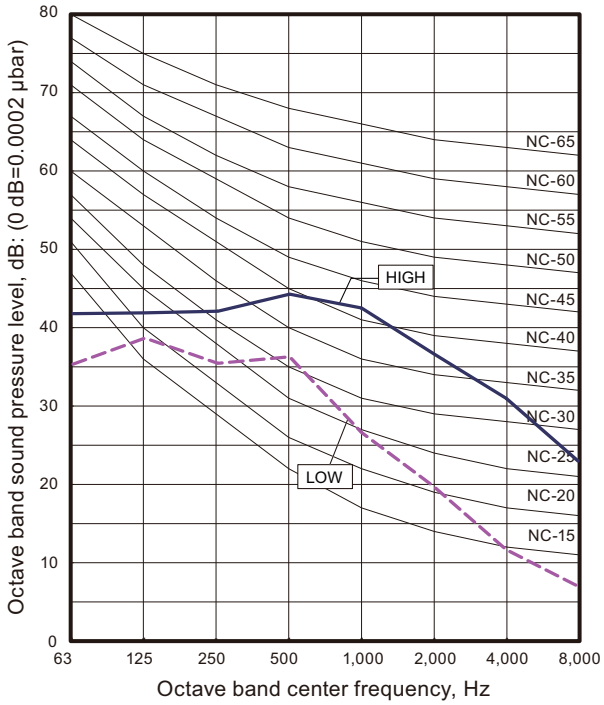
## • Model: AB∗A012GTEH



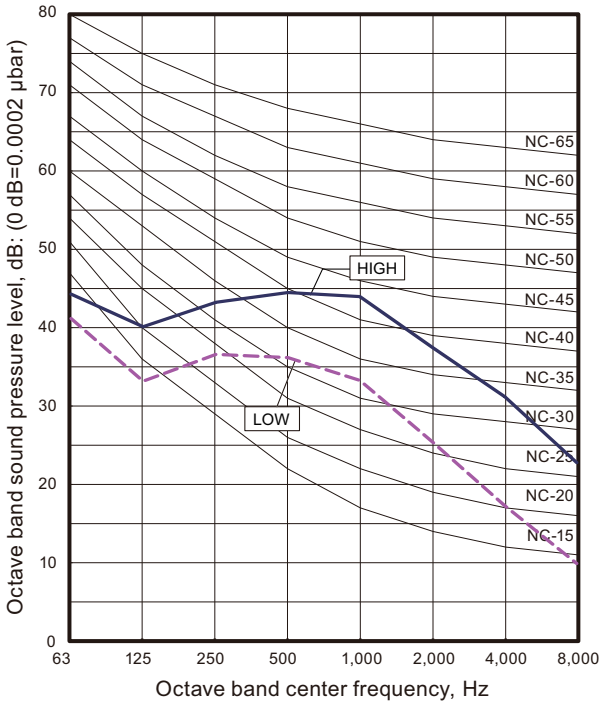

## • Model: AB∗A014GTEH




## • Model: AB∗A018GTEH

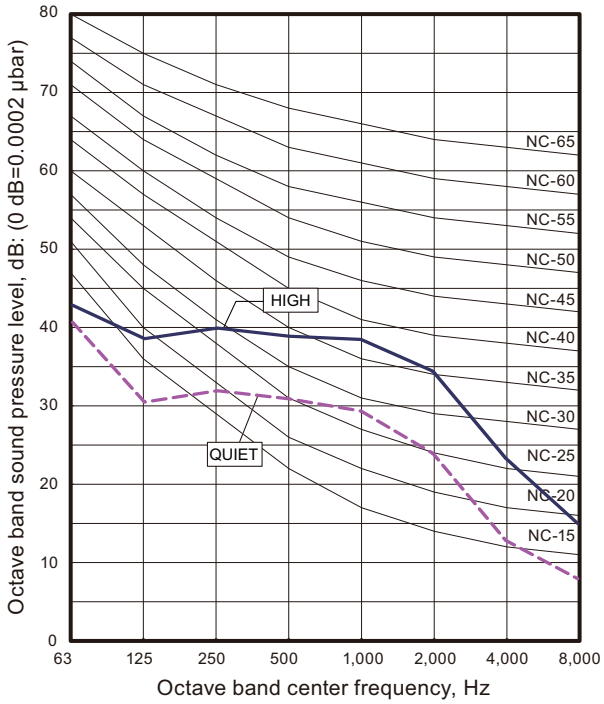



## • Model: AB∗A024GTEH

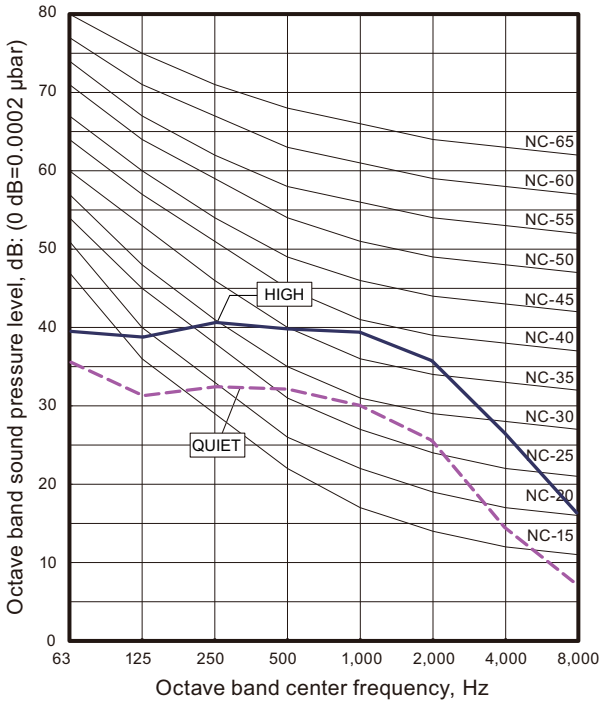


# 9-14. Ceiling type

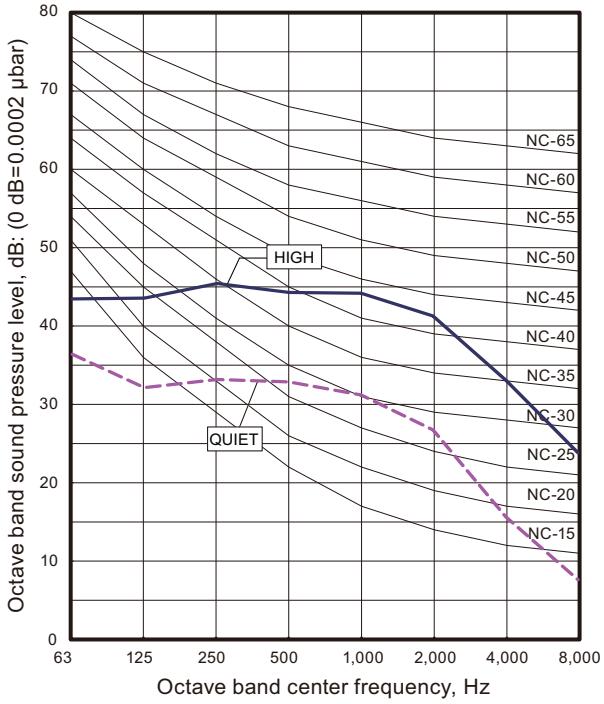
## • Model: AB∗A030GTEH



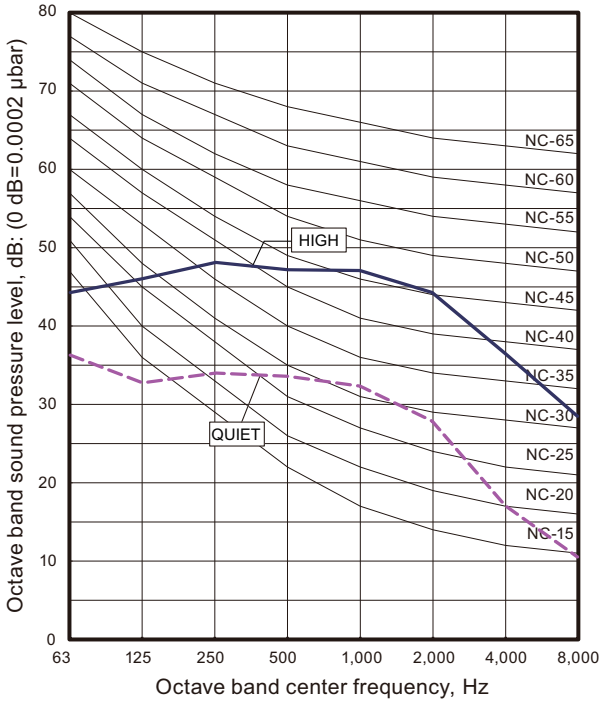

## • Model: AB∗A036GTEH




## • Model: AB∗A045GTEH




## • Model: AB∗A054GTEH





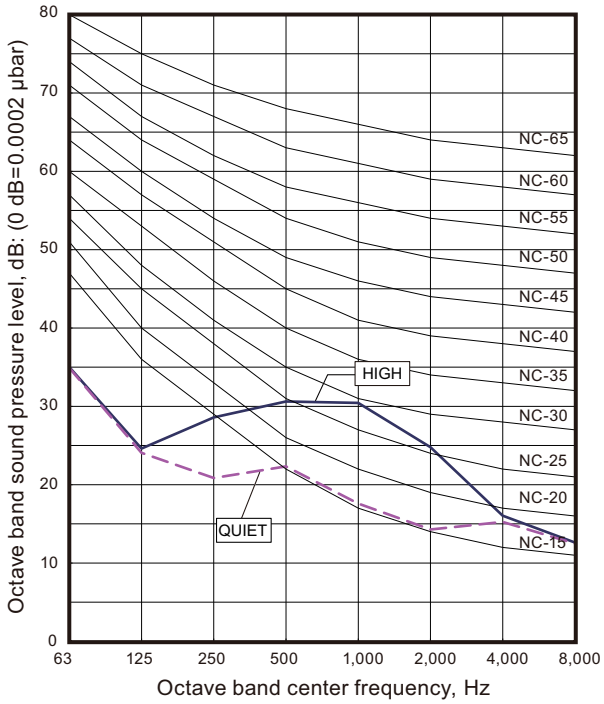

INDOOR UNITS

# 9-15. Wall mounted type

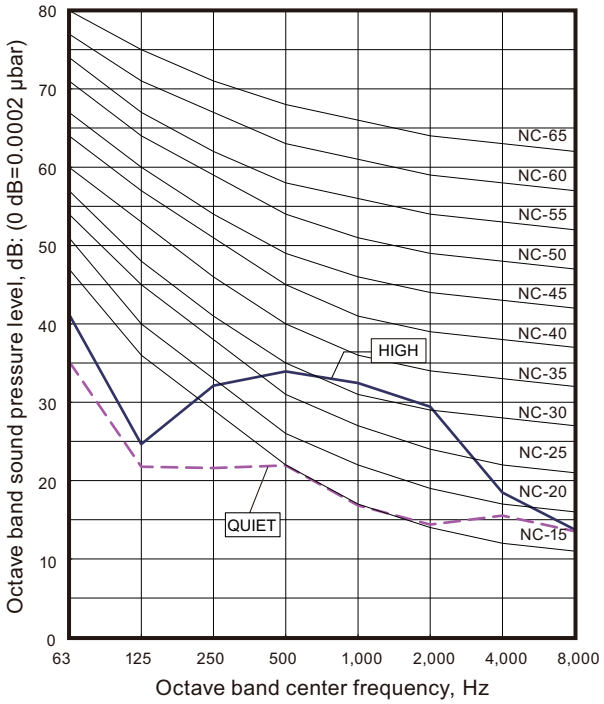


INDOOR UNITS

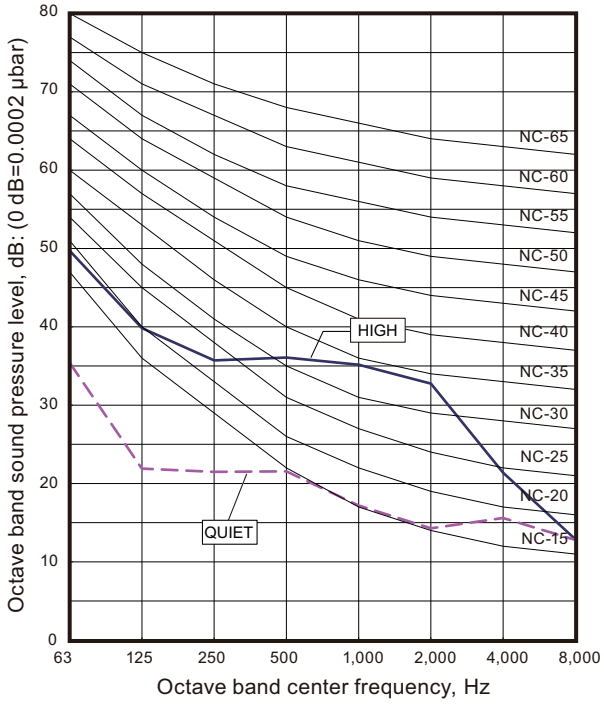
- **Model: AS∗A004GCGH**



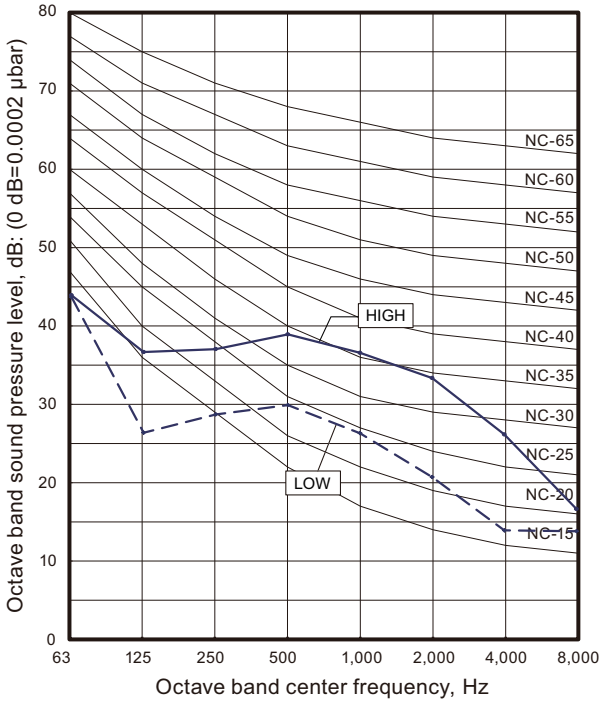

- **Model: AS∗A007GCGH**



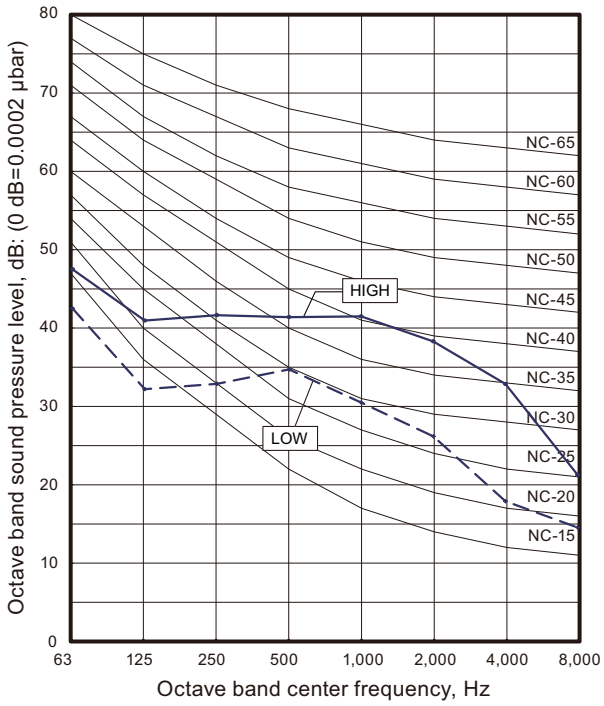

- **Model: AS∗A009GCGH**



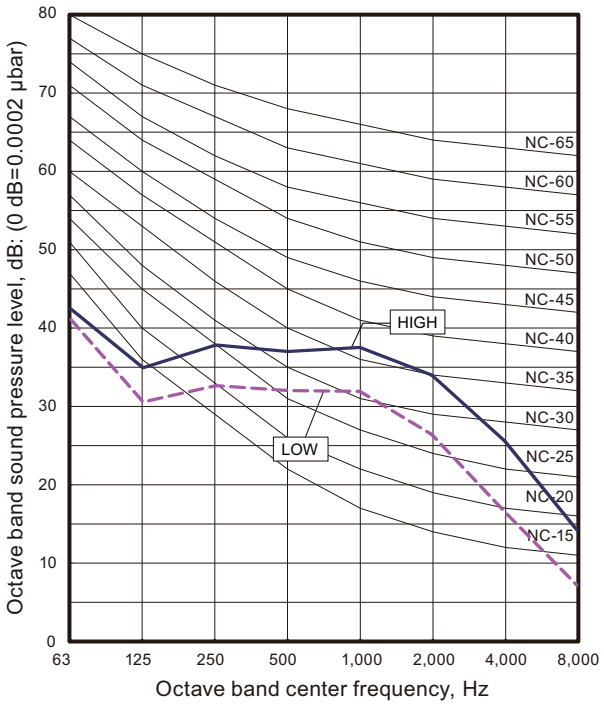

- **Model: AS∗A012GCGH**



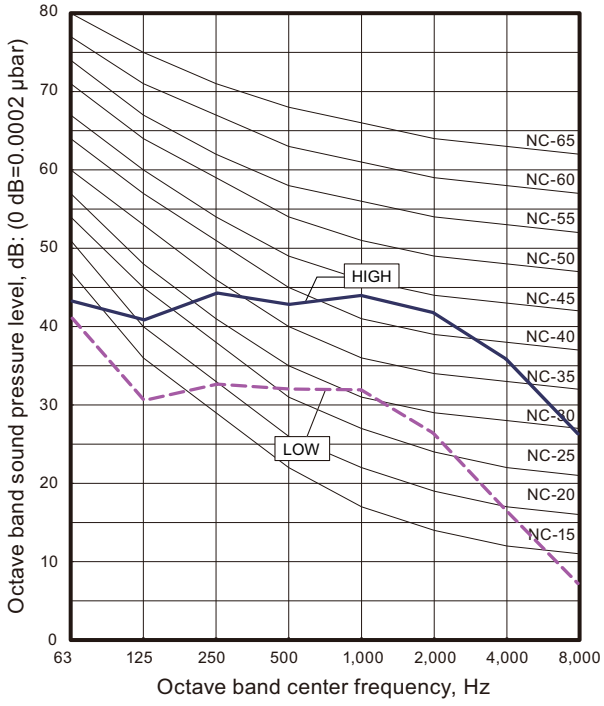
## • Model: AS∗A014GCGH



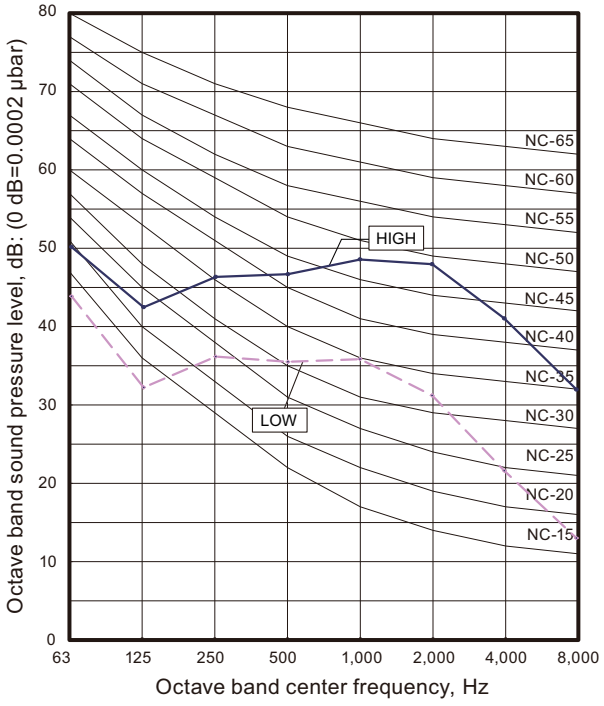

## • Model: AS∗A18GBCH



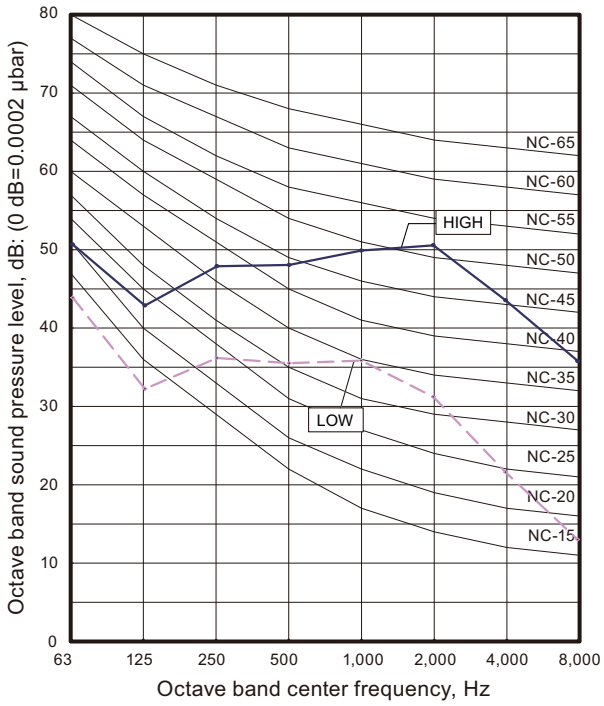

## • Model: AS∗A24GBCH




## • Model: AS∗A030GTEH



- **Model: AS∗A034GTEH**



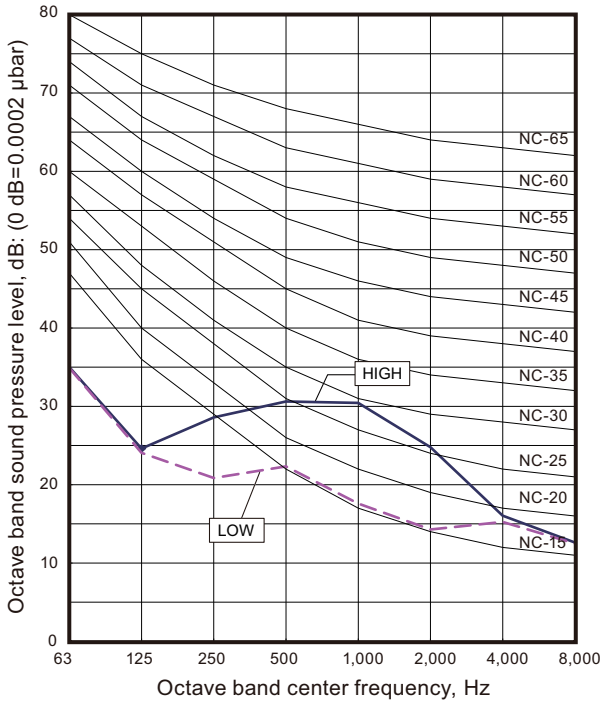



INDOOR UNITS

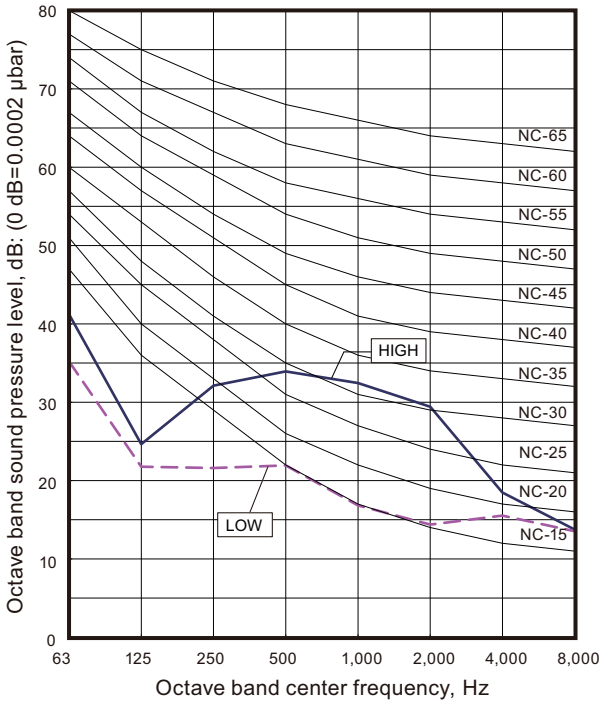
# 9-16. Wall mounted type (EEV external model)



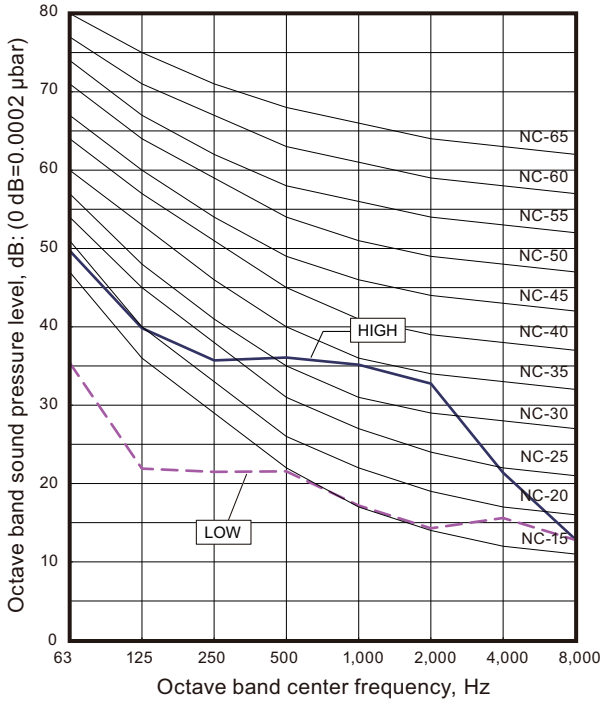
- **Model: AS∗E004GCEH**



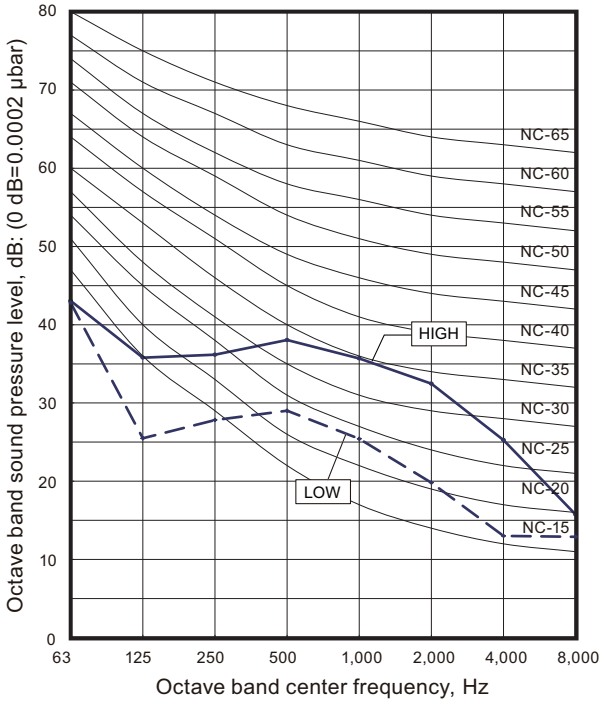

- **Model: AS∗E007GCEH**



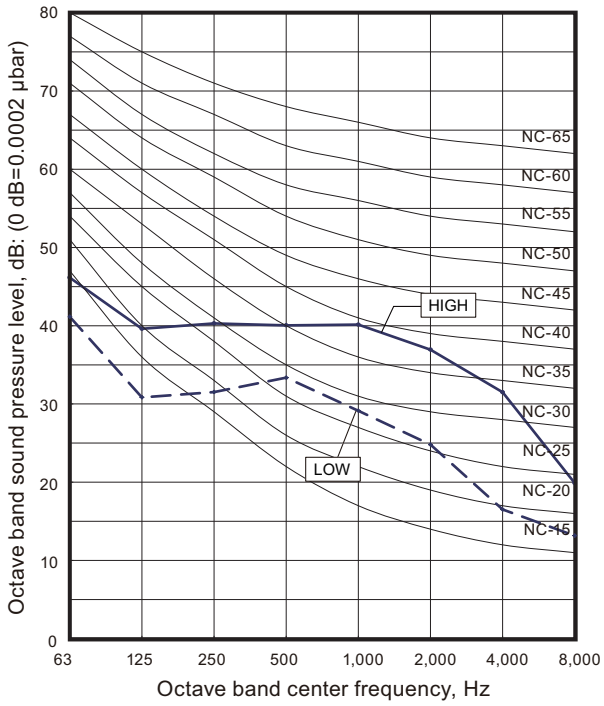

- **Model: AS∗E009GCEH**




- **Model: AS∗E012GCEH**



- **Model: AS∗E014GCEH**

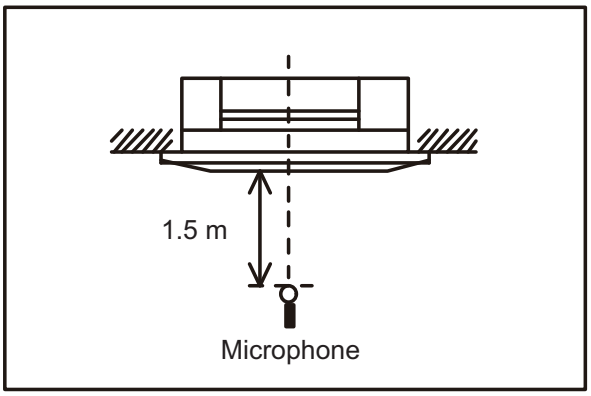




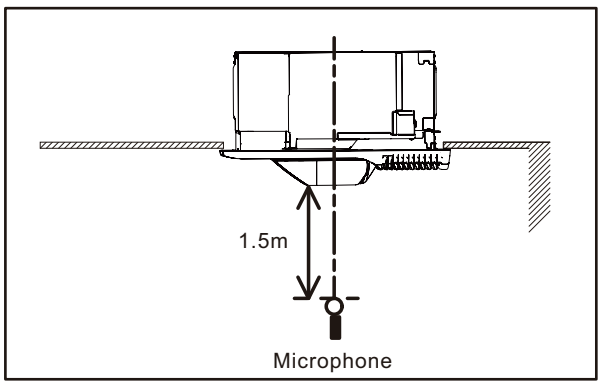

INDOOR UNITS

# 9-17. Sound level check point

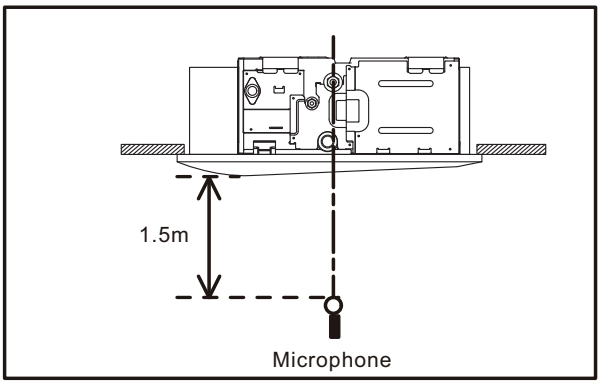
- **Compact cassette type**
- **Circular flow cassette type**
- **4-way flow cassette type**



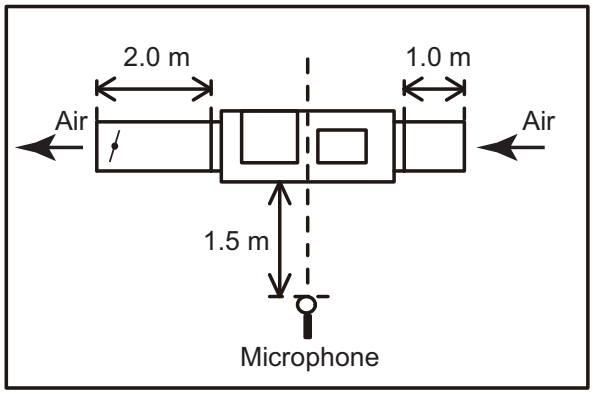

- **3D flow cassette type**



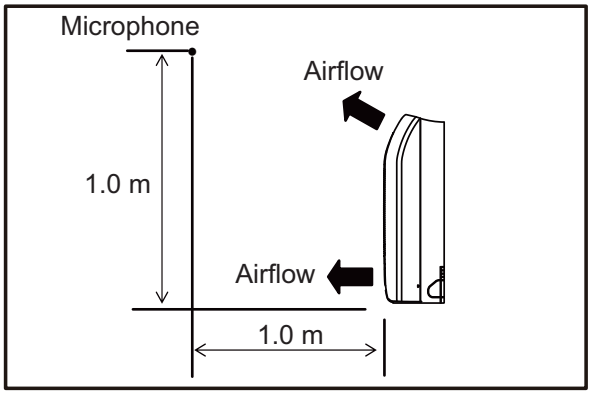

- **One way flow cassette type**




- **Low static pressure duct (Mini duct) type**
- **Low static pressure duct (Slim duct) type**
- **Medium static pressure duct type**
- **High static pressure duct type**



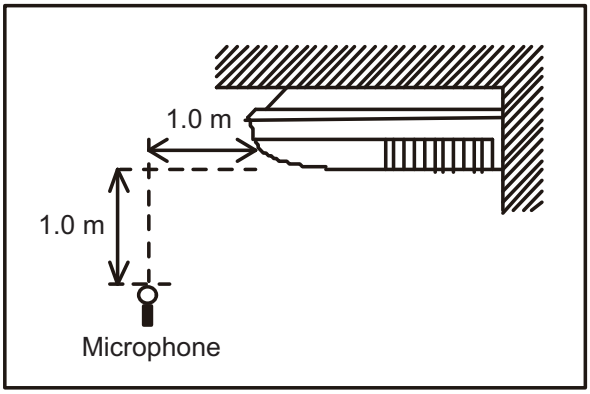

- **Compact floor type**



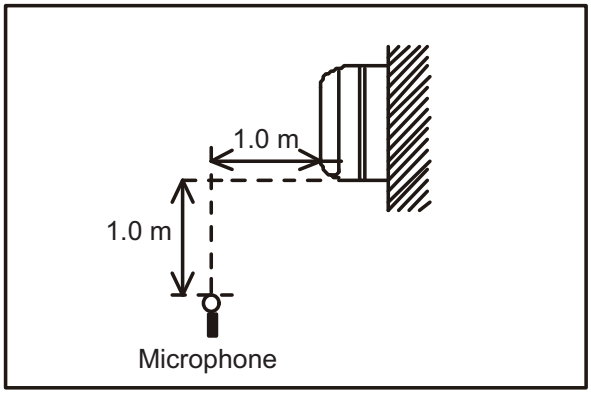



INDOOR UNITS

- **Floor/Ceiling type**
- **Ceiling type**




- **Wall mounted type**






INDOOR UNITS

# 10. Safety devices

## 10-1. Compact cassette type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AUXB004GLEH | 250 V 3.15 A | 125 ±10°C Fan motor stop | 120 ±10°C Fan motor restart | — | ○ |
| AUXB007GLEH | | 140 ±20°C Fan motor stop | 110 ±20°C Fan motor restart | | |
| AUXB009GLEH | | | | | |
| AUXB012GLEH | | | | | |
| AUXB014GLEH | | | | | |
| AUXB018GLEH | | | | | |
| AUXB024GLEH | | | | | |

## 10-2. 4-way flow cassette type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AUXD18GALH | 250 V 3.15 A | $110^{+15}_{-10}$°C Fan motor stop | $105^{+15}_{-10}$°C Fan motor Restart | — | ○ |
| AUXD24GALH | | | | | |
| AUXA18GALH | | | | | |
| AUXA24GALH | | | | | |
| AUXA30GALH | | | | | |
| AUXA34GALH | | | | | |
| AUXA36GALH | | | | | |
| AUXA45GALH | | | | | |
| AUXA54GALH | | | | | |

## 10-3. Circular flow cassette type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AUXM018GLEH | 250 V 3.15 A | 125 ±10°C Fan motor stop | 120 ±10°C Fan motor Restart | — | ○ |
| AUXM024GLEH | | | | | |
| AUXM030GLEH | | | | | |
| AUXK018GLEH | | | | | |
| AUXK024GLEH | | | | | |
| AUXK030GLEH | | | | | |
| AUXK034GLEH | | | | | |
| AUXK036GLEH | | | | | |
| AUXK045GLEH | | | | | |
| AUXK054GLEH | | | | | |


INDOOR UNITS

# 10-4. 3D flow cassette type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AUXS018GLEH<br>AUXS024GLEH | 250 V<br>3.15 A | 135 ±15°C<br>Fan motor stop | 115 ±15°C<br>Fan motor Restart | — | ○ |

# 10-5. One way flow cassette type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AUXV004GLEH<br>AUXV007GLEH<br>AUXV009GLEH<br>AUXV012GLEH<br>AUXV014GLEH<br>AUXV018GLEH<br>AUXV024GLEH | 250 V<br>3.15 A | 135 ±15°C<br>Fan motor stop | 115 ±15°C<br>Fan motor Restart | — | ○ |



INDOOR UNITS

# 10-6. Low static pressure duct (Mini duct) type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| ARXK004GLGH<br>ARXK007GLGH<br>ARXK009GLGH<br>ARXK012GLGH<br>ARXK014GLGH<br>ARXK018GLGH<br>ARXK024GLGH | 250 V<br>3.15 A | 135 ±15°C<br>Fan motor stop | 115 ±15°C<br>Fan motor Restart | — | ○ |

# 10-7. Low static pressure duct (Slim duct)/Slim concealed floor type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| ARXD007GLEH<br>ARXD009GLEH<br>ARXD012GLEH<br>ARXD014GLEH<br>ARXD018GLEH<br>ARXD024GLEH | 250 V<br>5 A | 135 ±15°C<br>Fan motor stop | 115 ±15°C<br>Fan motor restart | — | ○ |

# 10-8. Low static pressure duct type (High efficiency)

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| ARXP018GLFH<br>ARXP030GLFH | 250 V<br>5 A | 115 ±15 °C<br>Fan motor stop | 70 °C or less<br>Fan motor Restart | — | ▲* |

*: Including in Drain Pump Unit (Optional parts)

# 10-9. Medium static pressure duct type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| ARXA024GLEH | 250 V<br>5 A | 135 ±15°C<br>Fan motor stop | 115 ±15°C<br>Fan motor Restart | — | ▲* |
| ARXA030GLEH<br>ARXA036GLEH<br>ARXA045GLEH | | 115 ±15°C<br>Fan motor stop | 70°C or less<br>Fan motor Restart | | |

*: Including in Drain Pump Unit (Optional parts)

# 10-10. High static pressure duct type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| ARXC036GTEH | 250 V<br>3.15 A | 115 ±15°C<br>Fan motor stop | 70°C or less<br>Fan motor restart | — | — |
| ARXC045GTEH<br>ARXC060GTEH | 250 V, 3.15 A<br>250 V, 10 A* | 145 ±5°C<br>Fan motor stop | — | | |
| ARXC072GTEH<br>ARXC090GTEH<br>ARXC096GTEH | 250 V, 3.15 A<br>250 V, 20 A* | $100^{+15}_{-10}$°C<br>Fan motor stop | $95^{+15}_{-10}$°C<br>Fan motor restart | | |

*: Fuse for fan motor

# 10-11. Compact floor type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AG∗A004GCGH<br>AG∗A007GCGH<br>AG∗A009GCGH<br>AG∗A012GCGH<br>AG∗A014GCGH | 250 V<br>3.15 A | 150 ±15°C<br>Fan motor stop | 120 ±15°C<br>Fan motor restart | — | — |


INDOOR UNITS

# 10-12. Compact floor type (EEV external model)

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AG∗E004GCEH<br>AG∗E007GCEH<br>AG∗E009GCEH<br>AG∗E012GCEH<br>AG∗E014GCEH | 250 V<br>3.15 A | 150 ±15°C<br>Fan motor stop | 120 ±15°C<br>Fan motor restart | — | — |

# 10-13. Floor/Ceiling type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AB∗A012GTEH<br>AB∗A014GTEH<br>AB∗A018GTEH<br>AB∗A024GTEH | 250 V<br>3.15 A | 135 ±15°C<br>Fan motor stop | 115 ±15°C<br>Fan motor restart | — | — |



INDOOR UNITS

# 10-14. Ceiling type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AB∗A030GTEH<br>AB∗A036GTEH<br>AB∗A045GTEH<br>AB∗A054GTEH | 250 V<br>5 A | 135 ±15°C<br>Fan motor stop | 115 ±15°C<br>Fan motor restart | — | ▲* |

*: Including in Drain Pump Unit (Optional parts)

# 10-15. Wall mounted type

| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AS∗A004GCGH<br>AS∗A007GCGH<br>AS∗A009GCGH<br>AS∗A012GCGH<br>AS∗A014GCGH | 250 V<br>3.15 A | 160 ±25°C<br>Fan motor stop | 110 ±25°C<br>Fan motor restart | — | — |
| AS∗A18GBCH<br>AS∗A24GBCH | | 120 ±15°C<br>Fan motor stop | — | Active at<br>102°C | |
| AS∗A030GTEH<br>AS∗A034GTEH | | 150 ±15°C<br>Fan motor stop | Less than 135°C<br>Fan motor restart | — | |

# 10-16. Wall mounted type (EEV external model)

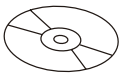
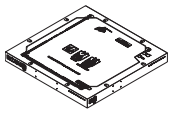
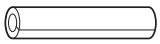
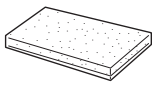
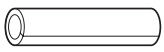
| Model | Fuse | Fan motor thermal protector | | Terminal thermal fuse | Float switch |
|---|---|---|---|---|---|
| | | Active | Reset | | |
| AS∗E004GCEH | 250 V 3.15 A | 160 ±25°C Fan motor stop | 110 ±25°C Fan motor restart | — | — |
| AS∗E007GCEH | | | | | |
| AS∗E009GCEH | | | | | |
| AS∗E012GCEH | | | | | |
| AS∗E014GCEH | | | | | |


INDOOR UNITS

# 11. Standard accessories

The following installation parts are supplied. Use them as required. Do not discard any accessories until the installation work has been completed.

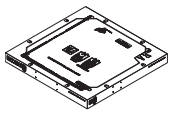
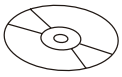
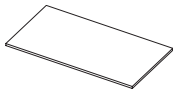
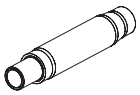
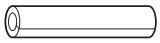
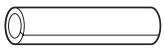
## 11-1. Compact cassette type

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | | M10 nut A (with flange) | 4 | For installing indoor unit |
| Installation manual | 1 | | M10 nut B (with spring lock washer) | 4 | For installing indoor unit |
|  Operating manual (CD-ROM) | 1 | |  Template (Carton top) | 1 | For cutting opening Also used as packing |
| Cable tie (Large) | 4 | For fixing the connection pipe (Large and small) | Drain hose | 1 | For connecting drain hose |
| Cable tie (Medium) | 2 | For transmission cable and remote controller cable binding | Hose band | 1 | For installing drain hose |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) |  Drain hose insulation | 1 | For installing drain hose |
|  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (Gas pipe) | | | |



INDOOR UNITS

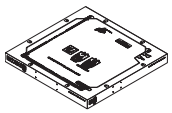
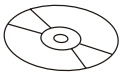
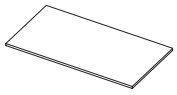
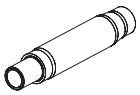
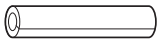
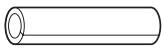
# 11-2. 4-way flow cassette type

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | |  Template (Carton top) | 1 | For installing indoor unit |
| Installation manual | 1 | | Washer | 8 | For installing indoor unit |
|  Operating manual (CD-ROM) | 1 | |  Insulation | 1 | For installing drain pipe |
| Cable tie (Large) | 4 | For fixing the connection pipe (Large and small) |  Drain hose | 1 | For installing drain hose |
| Cable tie (Medium) | 2 | For transmission cable and remote controller cable binding | Hose band | 1 | For installing drain hose |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) | Drain pipe insulation | 1 | For installing drain pipe |
|  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (Gas pipe) | | | |



INDOOR UNITS

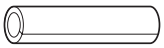
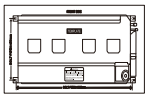
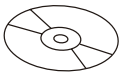
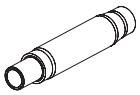
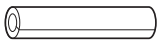
# 11-3. Circular flow cassette type

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | |  Template (Carton top) | 1 | For installing indoor unit |
| Installation manual | 1 | | Washer | 8 | For installing indoor unit |
|  Operating manual (CD-ROM) | 1 | |  Insulation | 1 | For installing drain pipe |
| Cable tie (Large) | 4 | For fixing the connection pipe (Large and small) |  Drain hose | 1 | For installing drain hose |
| Push mount cable tie | 1 | For transmission cable and remote controller cable binding | Hose band | 1 | For installing drain hose |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) | Drain pipe insulation | 1 | For installing drain pipe |
|  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (Gas pipe) | | | |



INDOOR UNITS

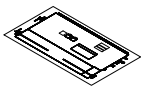
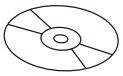
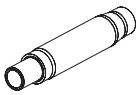
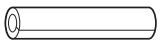
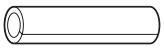
# 11-4. 3D flow cassette type

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | |  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (Gas pipe) |
| Installation manual | 1 | |  Template (Carbon top) | 1 | For installing indoor unit |
|  Operating manual (CD-ROM) | 1 | | Washer | 8 | For installing indoor unit |
| Cable tie (Large) | 4 | For fixing the connection pipe (Large and small) | Drain hose installation B | 1 | Insulates the drain hose |
| Cable tie (Medium) | 1 | For transmission cable and remote controller cable binding |  Drain hose | 1 | For installing drain hose |
| Push mount cable tie | 1 | For transmission cable and remote controller cable binding | Hose band | 1 | For installing drain hose |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) | Hook wire | 1 | For installing indoor unit |



INDOOR UNITS

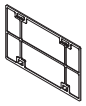
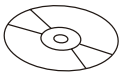
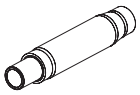
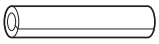
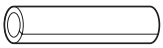
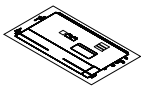
# 11-5. One way flow cassette type

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | |  Template | 1 | For installing indoor unit |
| Installation manual | 1 | | Washer | 8 | For installing indoor unit |
|  Operating manual (CD-ROM) | 1 | | Drain hose installation B | 1 | Insulates the drain hose |
| Cable tie (Large) | 4 | For fixing the coupler heat insulation. |  Drain hose | 1 | For installing drain pipe VP25 (O.D.32, I.D.25) |
| Cable tie (Medium) | 2 | For transmission cable and remote controller cable binding | Hose band | 1 | For installing drain hose |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (small pipe) |  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (large pipe) |



INDOOR UNITS

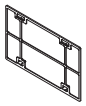
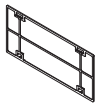
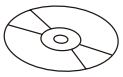
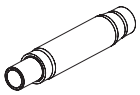
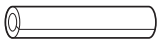
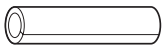
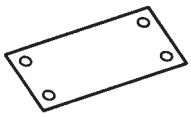
# 11-6. Low static pressure duct (Mini duct) type

| Name and shape | Qty | Application | Name and shape | Qty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | |  Filter (Small) | 2 | For ARXK007GLGH, ARXK009GLGH, ARXK012GLGH, ARXK014GLGH, and ARXK024GLGH |
| Installation manual | 1 | | Filter (Large) | 2 | For ARXK018GLGH |
|  Operating manual (CD-ROM) | 1 | | | 1 | For ARXK024GLGH |
| Washer | 8 | For installing indoor unit |  Drain hose | 1 | For installing drain hose |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) | Hose band | 1 | For installing drain hose |
|  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (Gas pipe) | Drain hose installation B | 1 | Insulates the drain hose |
| Cable tie (Large) | 4 | For fixing the coupler heat insulation |  Template (Carton top) | 1 | For cutting ceiling opening<br>Also used as packing |
| Cable tie (Medium) | 2 | For transmission cable and remote controller cable binding | | | |



INDOOR UNITS

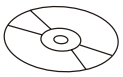
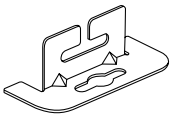
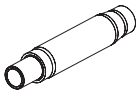
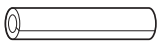
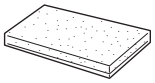
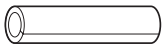
# 11-7. Low static pressure duct (Slim duct)/Slim concealed floor type

| Name and shape | Qty | Application | Name and shape | Qty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | |  Filter (Small) | 2 | For ARXD007GLEH, ARXD009GLEH, ARXD012GLEH, ARXD014GLEH, and ARXD024GLEH |
| Installation manual | 1 | |  Filter (Large) | 2 | For ARXD018GLEH |
|  Operating manual (CD-ROM) | 1 | | | 1 | For ARXD024GLEH |
| Washer | 8 | For installing indoor unit |  Drain hose | 1 | For installing drain hose |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) | Hose band | 1 | For installing drain hose |
|  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (Gas pipe) | Drain hose installation B | 1 | Insulates the drain hose |
| Cable tie (Large) | 4 | For fixing the coupler heat insulation |  Installation template | 1 | For positioning the indoor unit |
| Cable tie (Medium) | 2 | For transmission cable and remote controller cable binding | | | |



INDOOR UNITS

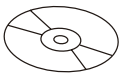
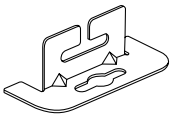
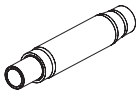
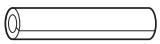
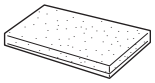
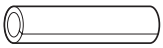
# 11-8. Low static pressure duct type (High efficiency)

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | | M10 nut A (with flange) | 4 | For suspending the indoor unit from ceiling |
| Installation manual | 1 | | M10 nut B (with spring lock washer) | 4 | For suspending the indoor unit from ceiling |
|  Operating manual (CD-ROM) | 1 | |  Hanger | 4 | For suspending the indoor unit from ceiling |
| Cable tie (Large) | 5 | For fixing the connection pipe (large and small) and drain cap |  Drain hose | 1 | For installing drain hose |
| Cable tie (Medium) | 3 | For transmission cable and remote controller cable binding | Hose band | 1 | For installing drain hose |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) |  Drain hose insulation | 2 | Insulates drain hose and drain cap |
|  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (Gas pipe) | | | |



INDOOR UNITS

# 11-9. Medium static pressure duct type

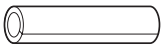
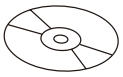
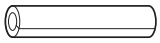
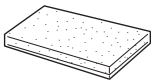
| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | | M10 nut A (with flange) | 4 | For suspending the indoor unit from ceiling |
| Installation manual | 1 | | M10 nut B (with spring lock washer) | 4 | For suspending the indoor unit from ceiling |
|  Operating manual (CD-ROM) | 1 | |  Hanger | 4 | For suspending the indoor unit from ceiling |
| Cable tie (Large) | 5 | For fixing the connection pipe (large and small) and drain cap |  Drain hose | 1 | For installing drain hose |
| Cable tie (Medium) | 3 | For transmission cable and remote controller cable binding | Hose band | 1 | For installing drain hose |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) |  Drain hose insulation | 2 | Insulates drain hose and drain cap |
|  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (Gas pipe) | | | |



INDOOR UNITS

# 11-10. High static pressure duct type

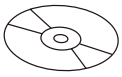
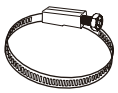
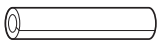
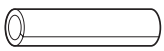
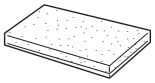
## ■ Models: ARXC036GTEH, ARXC045GTEH, and ARXC060GTEH

| Name and shape | Qty | Application | Name and shape | Qty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | |  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (Gas pipe) |
| Installation manual | 1 | | M10 nut A (with flange) | 4 | For suspending the indoor unit from ceiling |
|  Operating manual (CD-ROM) | 1 | | M10 nut B (with spring lock washer) | 4 | For suspending the indoor unit from ceiling |
| Cable tie (Large) | 4 | For fixing the connection pipe (large and small) | Drain hose | 2 | For installing drain hose VP25 (O.D. 32, I.D. 25) |
| Cable tie (Medium) | 2 | For transmission cable and remote controller cable binding | Hose band | 2 | For installing drain hose |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) |  Drain hose insulation | 2 | For installing drain hose |



INDOOR UNITS

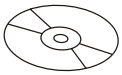
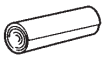
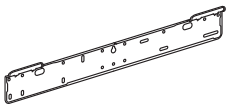
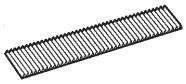
# ■ Models: ARXC072GTEH, ARXC090GTEH, and ARXC096GTEH

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | | M10 nut A (with flange) | 4 | For suspending the indoor unit from ceiling |
| Installation manual | 1 | | M10 nut B (with spring lock washer) | 4 | For suspending the indoor unit from ceiling |
|  Operating manual (CD-ROM) | 1 | | Drain hose (Large) | 1 | For installing drain hose (For main drain port) |
| Cable tie (Large) | 4 | For fixing the connection pipe (large and small) | Drain hose (Small) | 1 | For installing drain hose (For safety drain port) |
| Cable tie (Medium) | 2 | For transmission cable and remote controller cable binding |  Hose band (Large) | 1 | For installing drain hose (Large) |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) | Hose band (Small) | 1 | For installing drain hose (Small) |
|  Coupler heat insulation (Large) | 1 | For indoor side pipe joint (Gas pipe) |  Drain hose insulation | 2 | For installing drain hose |
| Washer | 8 | For suspending the indoor unit from ceiling | | | |



INDOOR UNITS

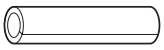
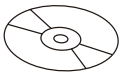
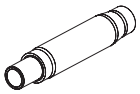
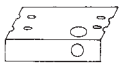
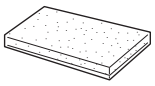
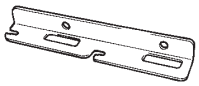
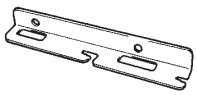
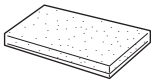
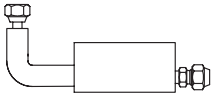
# 11-11. Compact floor type

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | | Tapping screw | 8 | For wall hook bracket installation |
|  Operating manual (CD-ROM) | 1 | |  Cloth tape | 1 | For indoor unit installation |
| Installation manual | 1 | | Push mount cable tie | 1 | For transmission cable and remote controller cable binding |
|  Wall bracket | 1 | For indoor unit installation |  Air cleaning filter | 2 | For installation, refer to the "CLEANING AND CARE" in the operating manual |



INDOOR UNITS

# 11-12. Floor/Ceiling type

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | | Tapping screw | 6 | For fixing the wall bracket |
| Installation manual | 1 | |  Coupler heat insulation | 2 | For indoor side pipe joint |
|  Operating manual (CD-ROM) | 1 | | Cable tie (Large) | 4 | For fixing the coupler heat insulation |
| Cover plate (Left) | 1 | | Cable tie (Medium) | 2 | For transmission cable and remote controller cable binding |
| Cover plate (Right) | 1 | |  Drain hose | 1 | For installing drain hose |
| Tapping screw | 2 | | Hose band | 1 | For installing drain hose |
|  Installation template | 1 | For positioning the indoor unit<br>For under ceiling type |  Drain hose insulation | 1 | Adhesive type<br>100 × 220 mm |
|  Bracket (Left) | 1 | For suspending the indoor unit from ceiling | VT wire | 1 | For fixing the drain hose<br>L = 280 mm |
|  Bracket (Right) | 1 | For suspending the indoor unit from ceiling |  Insulation (pipe) | 1 | Adhesive type<br>160 × 110 mm |
| M10 nut A (with flange) | 4 | For suspending the indoor unit from ceiling |  Silencer pipe | 1 | Connect the silencer pipe to the small (liquid) pipe |
| Wall bracket | 2 | For suspending the indoor unit on the wall | | | |



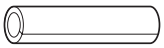
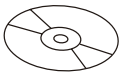
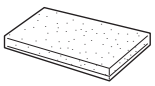
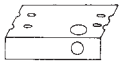
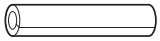
INDOOR UNITS

| Optional parts | | |
|---|---|---|
| **Name and shape** | **Parts No.** | **Application** |
| Auxiliary pipe | 9374714025 | For indoor side pipe joint (For AB∗A024GTEH) |



INDOOR UNITS

# 11-13. Ceiling type

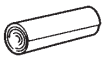
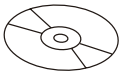
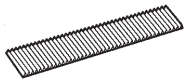
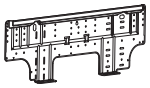
| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | |  Coupler heat insulation (Large) | 2 | For indoor side pipe joint (Gas pipe) |
| Installation manual | 1 | | Cable tie (Extra large) | 4 | For fixing the coupler heat insulation |
|  Operating manual (CD-ROM) | 1 | | Cable tie (Large) | 2 | For fixing the coupler heat insulation |
| Drain hose | 1 | For installing drain hose | Cable tie (Medium) | 2 | For transmission cable and remote controller cable binding |
| Hose band | 1 | For installing drain hose | M10 nut A (with flange) | 4 | For installing the indoor unit |
|  Drain hose insulation | 1 | Adhesive type 100 × 220 mm | M10 nut B (with spring lock washer) | 4 | For installing the indoor unit |
| VT wire | 1 | For fixing the drain hose L = 280 mm |  Installation template | 1 | For positioning the indoor unit |
|  Coupler heat insulation (Small) | 1 | For indoor side pipe joint (Liquid pipe) | Auxiliary pipe assembly | 1 | For connecting the piping |



INDOOR UNITS

# 11-14. Wall mounted type

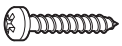
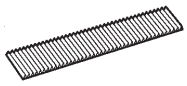
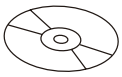
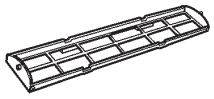
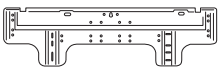
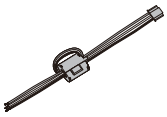
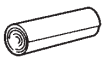
## ■ Models: AS∗A004GCGH, AS∗A007GCGH, AS∗A009GCGH, AS∗A012GCGH, AS∗A014GCGH, AS∗E004GCEH, AS∗E007GCEH, AS∗E009GCEH, AS∗E012GCEH, and AS∗E014GCEH

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | |  Cloth tape | 1 | For indoor unit installation |
|  Operating manual (CD-ROM) | 1 | |  Air cleaning filter | 2 | For installation, refer to the "CLEANING AND CARE" in the operating manual |
| Installation manual | 1 | | Air cleaning filter holder | 2 | For installation, refer to the "CLEANING AND CARE" in the operating manual |
|  Wall hook bracket | 1 | For indoor unit installation | Seal A | 1 | It is used when the diameter of gas pipe is Ø12.70 mm or more. It is necessary when using 014 model. |
| Tapping screw | 5 | For wall hook bracket installation | | | |

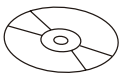
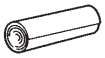
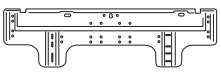
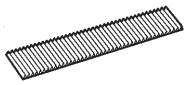
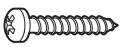


INDOOR UNITS

# ■ Models: AS∗A18GBCH and AS∗A24GBCH

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | |  Tapping screw | 8 | For wall hook bracket installation |
| Installation manual | 1 | |  Air cleaning filter | 2 | For installation, refer to the "CLEANING AND CARE" in the operating manual |
|  Operating manual (CD-ROM) | 1 | |  Air cleaning filter holder | 2 | For installation, refer to the "CLEANING AND CARE" in the operating manual |
|  Wall hook bracket | 1 | For indoor unit installation | Drain hose insulation | 1 | For drain hose installation |
| Cable tie | 1 | For transmission and remote controller cable binding |  Connecting cable | 1 | For wired remote controller installation |
|  Cloth tape | 1 | For indoor unit installation | | | |

# ■ Models: AS∗A030GTEH and AS∗A034GTEH

| Name and shape | Q'ty | Application | Name and shape | Q'ty | Application |
|---|---|---|---|---|---|
| Operating manual | 1 | | Drain hose insulation | 1 | For drain hose installation |
|  Operating manual (CD-ROM) | 1 | |  Cloth tape | 1 | For indoor unit installation |
| Installation manual | 1 | | Cable tie | 2 | For transmission and remote controller cable binding |
|  Wall hook bracket | 1 | For indoor unit installation |  Air cleaning filter | 2 | For installation, refer to the "CLEANING AND CARE" in the operating manual |
|  Tapping screw | 8 | For wall hook bracket installation | Air cleaning filter holder | 2 | For installation, refer to the "CLEANING AND CARE" in the operating manual |



INDOOR UNITS

Refrigerant R410A
INVERTER

AIRSTAGE

# 5. CONTROL SYSTEM

2024.11.25
DV_CH05_CM0001EF_06

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# 5. CONTROL SYSTEM


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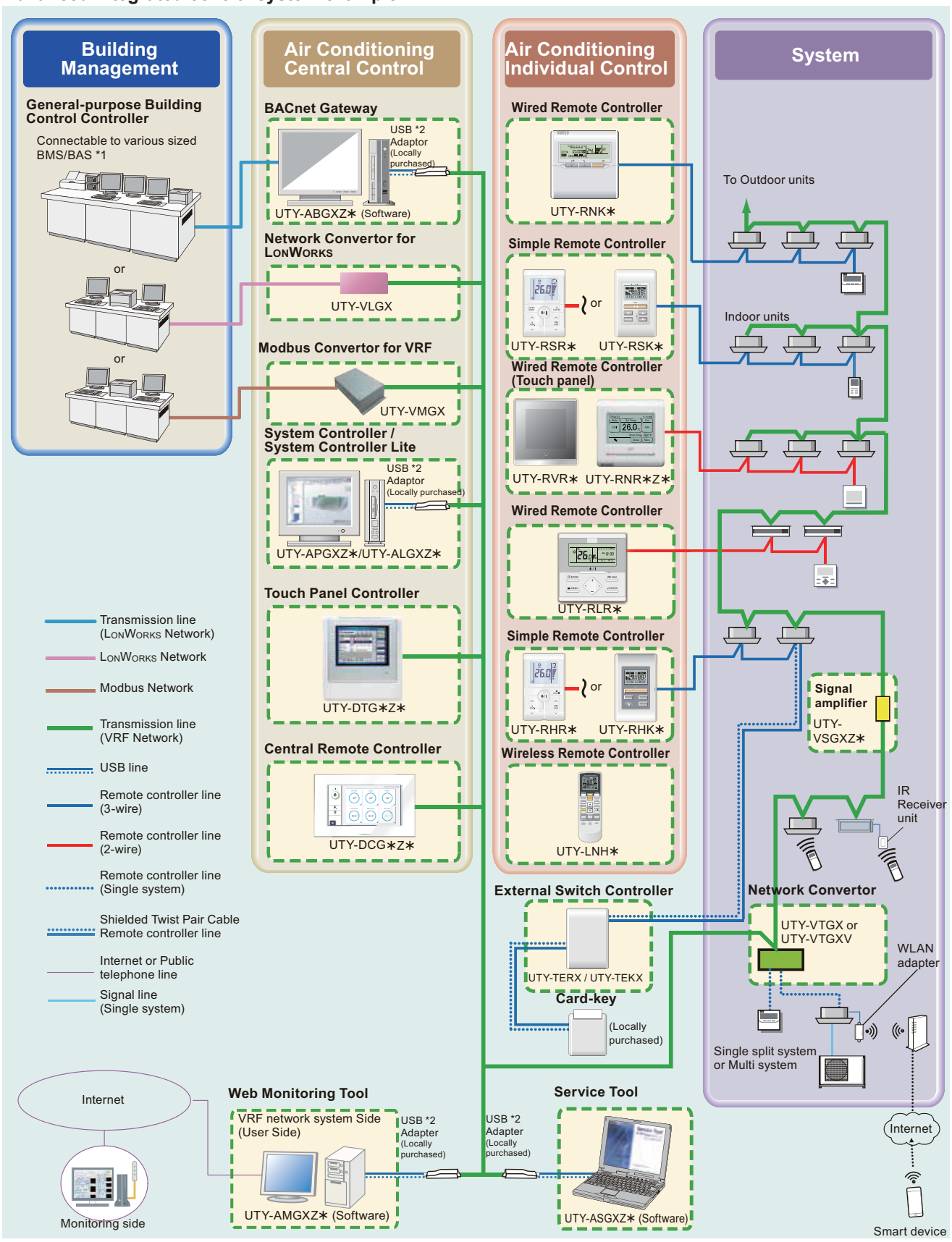
# 1. Control system

## 1-1. Control system design example

### Advanced integrated control system example



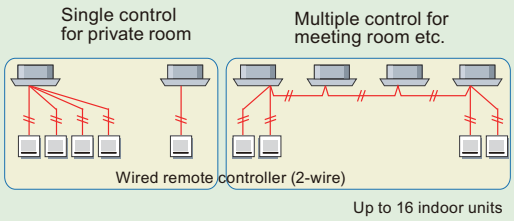

*1: BMS/BAS: Building Management System / Building Automation System.
*2: For details on the applicable interface, refer to the system requirement for each product.

# 1-2. System configuration examples

## ■ Individual control

### Wired Remote Controller (2-wire)

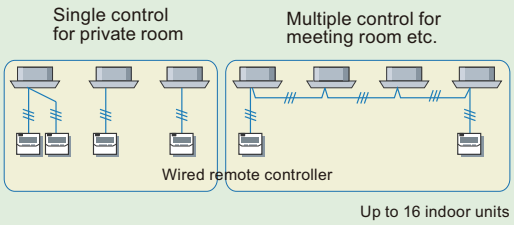
- Up to 16 indoor units can be controlled with one wired remote controller.
- Wired (Touch panel) and wireless remote controllers can be used jointly.
- 4 remote controllers can be connected with single indoor unit.




**NOTE:** For UTY-RVR∗, the connectable number to the single indoor unit is up to 2.

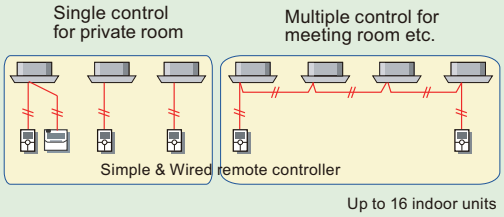
### Wired Remote Controller (3-wire)

- Up to 16 indoor units can be controlled with one wired remote controller.
- Wired, simple, and wireless remote controllers can be used jointly.
- 2 remote controllers can be connected with single indoor unit.



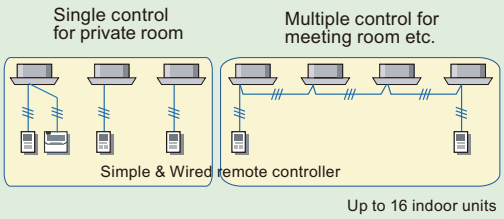

### Simple Remote Controller (2-wire)

- Up to 16 indoor units can be controlled with one simple remote controller.
- Enables easy control of basic functions by the hotel or office guest.
- Wired, simple, and wireless remote controllers can be used jointly.
- 4 remote controllers can be connected with single indoor unit.



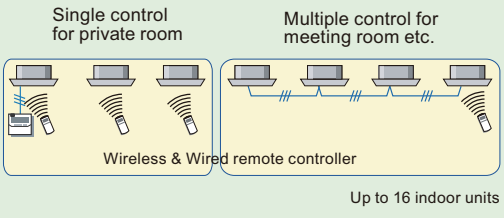

### Simple Remote Controller (3-wire)

- Up to 16 indoor units can be controlled with one simple remote controller.
- Enables easy control of basic functions by the hotel or office guest.
- Wired, simple, and wireless remote controllers can be used jointly.
- 2 remote controllers can be connected with single indoor unit.




### Wireless Remote Controller

- Up to 16 indoor units can be controlled with one wireless remote controller.
- Wired, simple, and wireless remote controllers can be used jointly.

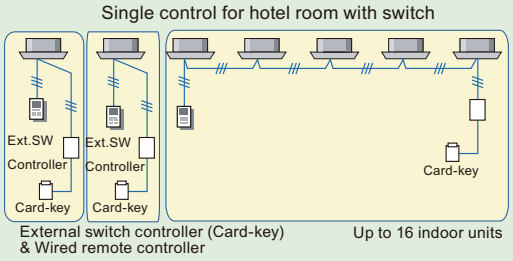




CONTROL SYSTEM

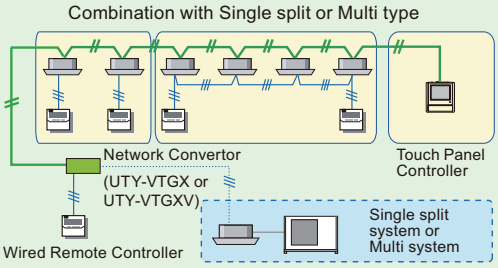
## External Switch Controller

- Up to 16 indoor units can be controlled with one external switch controller.
- In combination with a locally purchased card-key switch or other sensor, External switch controller allows control of basic functions by the hotel or office guest.




## Single Split or Multi System Connectability

- Single spilit system or Multi system can be connected to the VRF network system and can be controlled from Touch Panel Controller or System Controller.



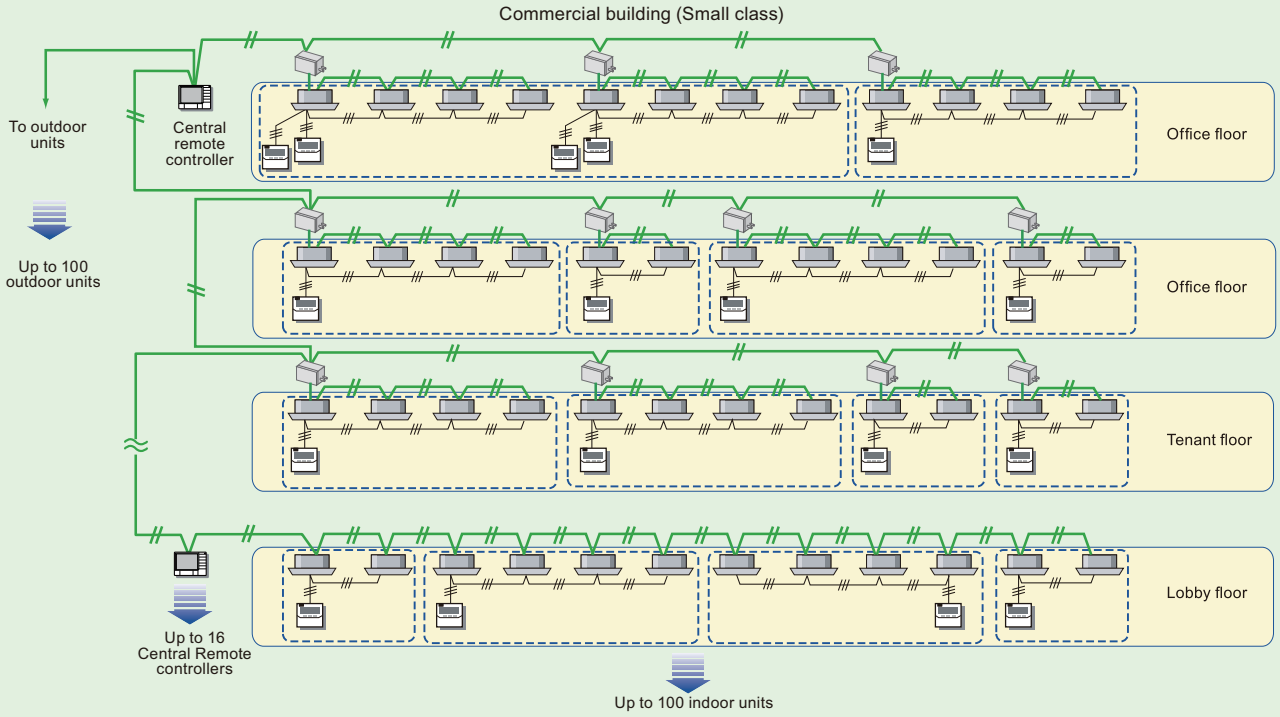



CONTROL SYSTEM

# ■ Central control

## Central Remote Controller

- Up to 100 indoor units / 16 groups can be controlled with one central remote controller.
- The sum total of the Touch panel controller, Central remote controller, Network convertor for Group remote controller , Modbus convertor and Network convertor for LONWORKS is a maximum of 16.

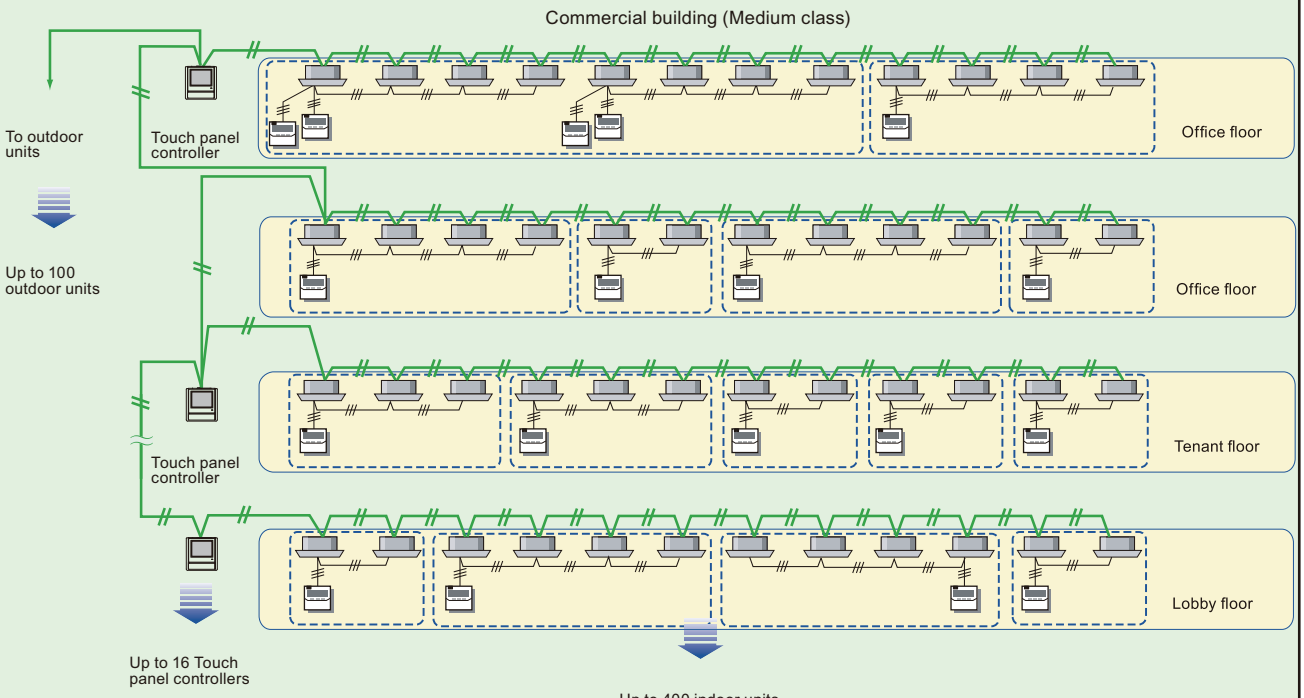




CONTROL SYSTEM

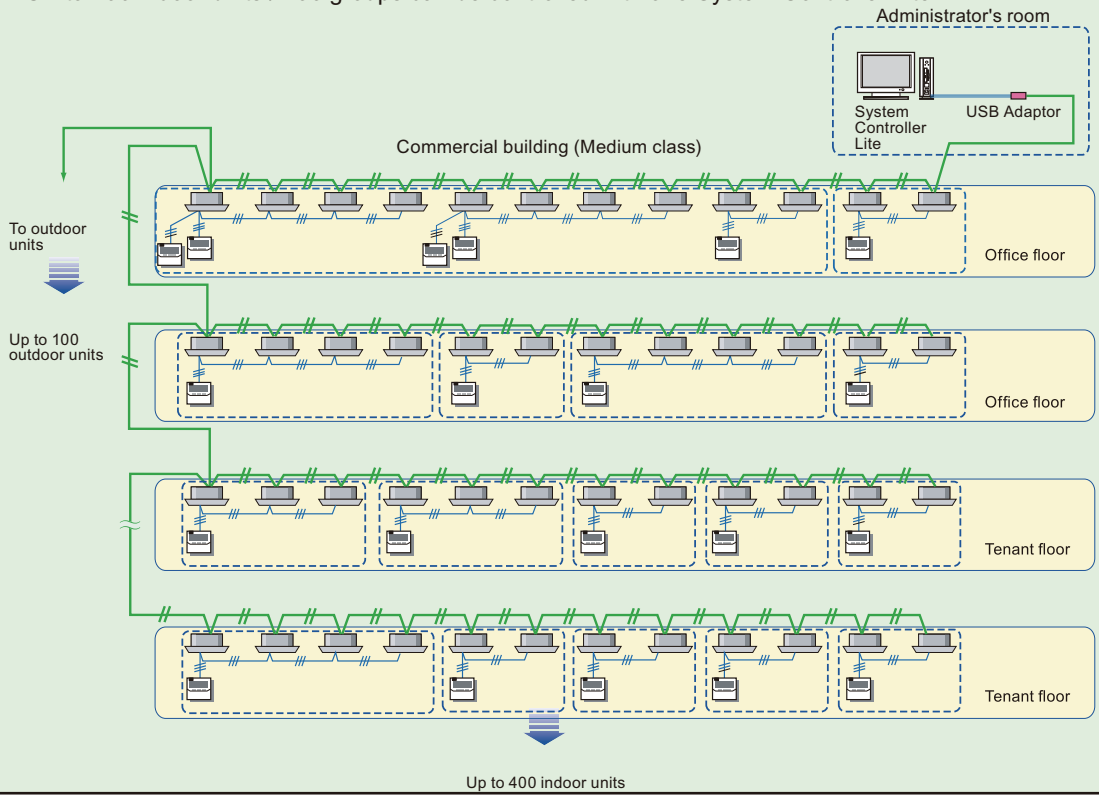
## Touch Panel Controller

- Up to 400 indoor units / 400 groups can be controlled with one touch panel controller.
- Up to a total of 16 network convertors, central remote controllers and touch panel controllers, group remote controller and network convertor for LONWORKS can be connected to a single VRF network system.




## System Controller Lite

- UP to 400 indoor units / 400 groups can be controlled with one System Controller Lite.

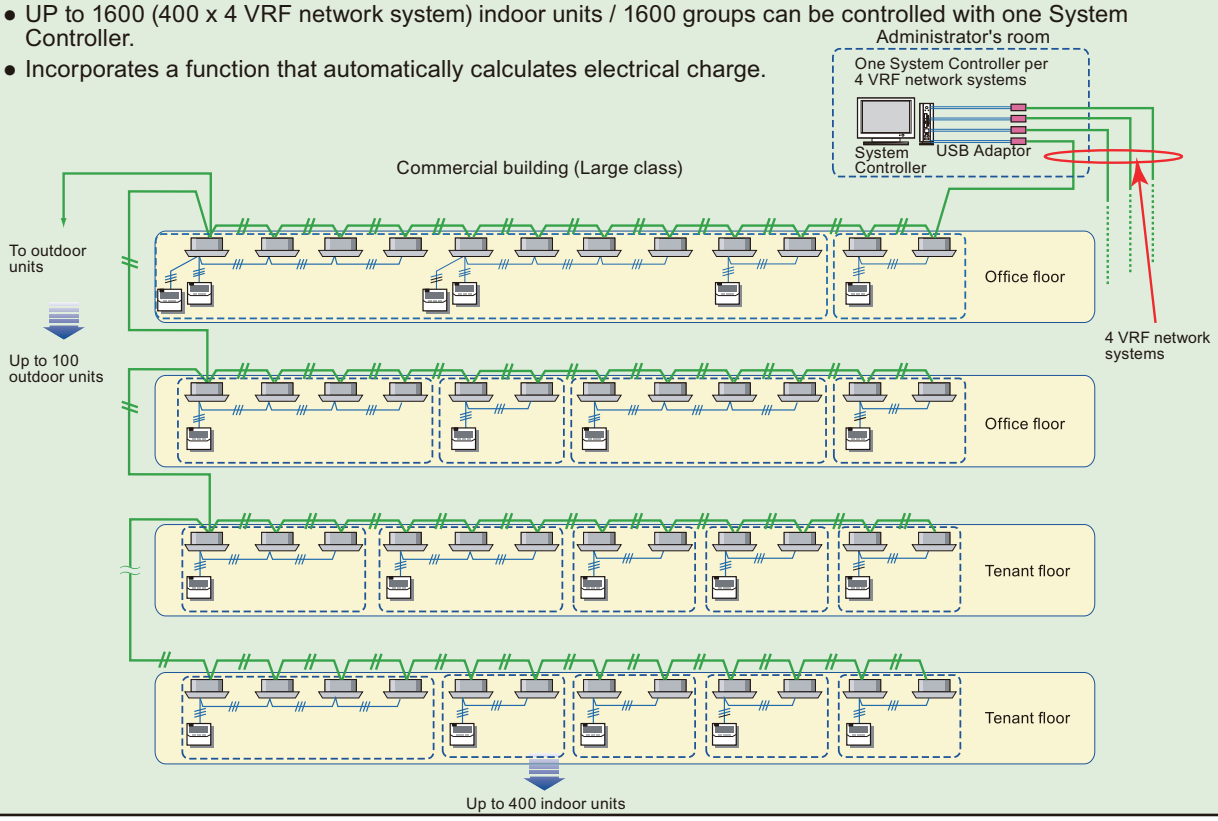



CONTROL SYSTEM

CONTROL SYSTEM

# System Controller

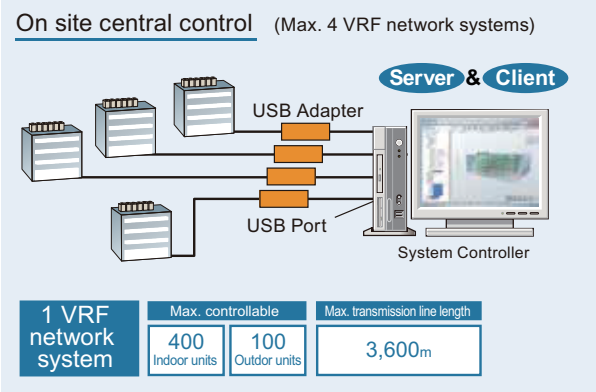
- UP to 1600 (400 x 4 VRF network system) indoor units / 1600 groups can be controlled with one System Controller.
- Incorporates a function that automatically calculates electrical charge.

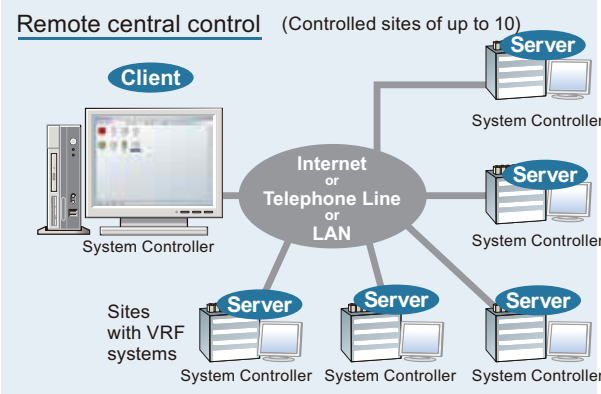


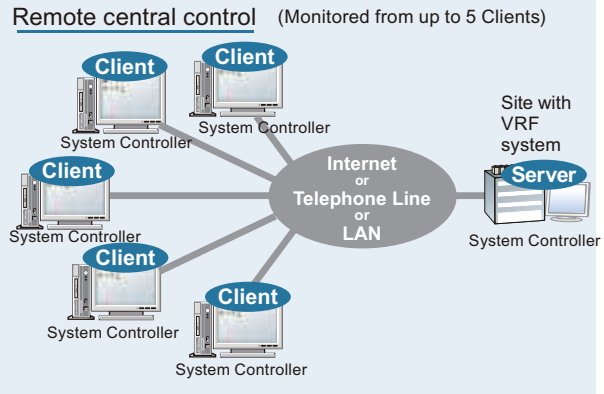



CONTROL SYSTEM

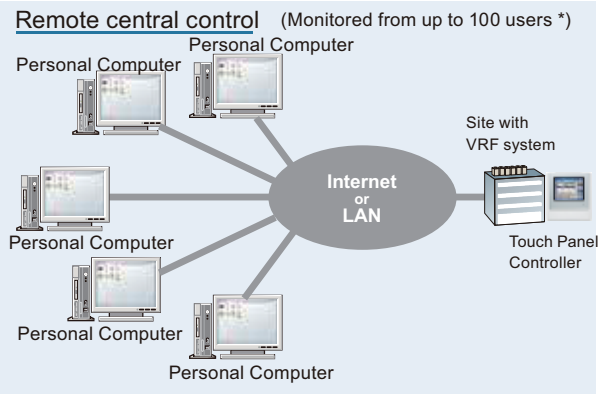
On-site central control and remote central control can be performed by system controller.




Remote central control can be performed by touch panel controller.




*: Up to 4 administrators and 10 general users can log in simultaneously.


CONTROL SYSTEM

# ■ Indoor unit type and applicable control method

| Indoor unit type | Wired Remote Controller (Touch Panel) | Wired Remote Controller | | | Simple Remote Controller | |
|---|---|---|---|---|---|---|
| | UTY-RNR∗Z∗ UTY-RVR∗ | UTY-RLR∗ | UTY-RCR∗Z1 | UTY-RNK∗ | UTY-RSR∗ UTY-RHR∗ | UTY-RSK∗ UTY-RHK∗ |
| Compact cassette | ○ | ○ | ○ | — | ○ | — |
| Circular flow cassette | ○ | ○ | ○ | — | ○ | — |
| 4-way flow cassette | ○ | ○ | ○ | — | ○ | ○ |
| 3D flow cassette | ○ | ○ | ○ | — | ○ | — |
| One way flow cassette | ○ | ○ | ○ | — | ○ | — |
| Low static pressure duct (Mini duct) | ○ | ○ | ○ | — | ○ | — |
| Low static pressure duct (Slim duct)/Slim concealed floor | ○ | ○ | ○ | — | ○ | — |
| Low static pressure duct (High efficiency) | ○ | ○ | ○ | — | ○ | — |
| Medium static pressure duct | ○ | ○ | ○ | — | ○ | — |
| High static pressure duct | ○ | ○ | ○ | — | ○ | — |
| Compact floor | ○ | ○ | ○ | — | ○ | — |
| Compact floor (EEV external) | ○ | ○ | ○ | — | ○ | — |
| Floor/Ceiling | ○ | ○ | ○ | — | ○ | — |
| Ceiling | ○ | ○ | ○ | — | ○ | — |
| Wall mounted | ○ | ○ | ○ | ○* | ○ | ○* |
| Wall mounted (EEV external) | ○ | ○ | ○ | ○* | ○ | ○* |

- *: It is not connectable with indoor unit AS∗∗004/007/009/012/014GC∗H and AS∗A030/034GTEH in wall mounted type.


CONTROL SYSTEM

| Indoor unit type | Wireless Remote Controller | External Switch Controller | | WLAN Adapter |
|---|---|---|---|---|
| | UTY-LNV∗[*6]<br>UTY-LNH∗ | UTY-TERX | UTY-TEKX | UTY-TFSXZ1 |
| Compact cassette | ○ | ○ | — | ○ |
| Circular flow cassette | ○[*1] | ○ | — | ○ |
| 4-way flow cassette | ○[*2] | ○ | — | — |
| 3D flow cassette | ○[*3] | ○ | — | ○ |
| One way flow cassette | ○[*3] | ○ | — | ○ |
| Low static pressure duct (Mini duct) | ○[*3] | ○ | — | ○ |
| Low static pressure duct (Slim duct)/Slim concealed floor | ○[*3] | ○ | — | ○ |
| Low static pressure duct (High efficiency) | ○[*3] | ○ | — | ○ |
| Medium static pressure duct | ○[*3] | ○ | — | ○ |
| High static pressure duct | ○[*3] | ○ | — | ○ |
| Compact floor | ○ | ○ | — | ○ |
| Compact floor (EEV external) | ○ | ○ | — | ○ |
| Floor/Ceiling | ○ | ○ | — | ○ |
| Ceiling | ○ | ○ | — | ○ |
| Wall mounted | ○ | ○ | ○[*4] | ○[*5] |
| Wall mounted (EEV external) | ○ | ○ | ○[*4] | ○ |

- [*1]: IR Receiver Unit (optional part: UTY-LBHXD) is necessary.
- [*2]: IR Receiver Unit (optional part: UTY-LRH∗B1) is necessary.
- [*3]: IR Receiver Unit (optional part: UTY-TRHX) is necessary.
- [*4]: It is not connectable with indoor unit AS∗∗004/007/009GTEH, AS∗∗012/014GCGH, and AS∗A030/034GTEH in wall mounted type.
- [*5]: It is not connectable with AS∗A18/24GBCH in wall mounted type.
- [*6]: Change the indoor unit setting mode when using this controller for the following indoor units in an R410A system.
  - Indoor unit compatible with both R32 and R410A refrigerants
  - Indoor unit compatible with only R410A refrigerant

  For details of the setting method, refer to "Switching indoor unit setting mode" in Chapter 7. FUNCTION SETTINGS on page 07-120.

**RELATED LINKS**

"Compatibility of VRF system" in Chapter 9. NOTES on page 09-10

"Applicable parts" in Chapter 10. OPTIONAL PARTS on page 10-73

# ■ Convertors (Adaptors) and related devices (system)

| Convertor (Adaptor) | | Within VRF network system | | | |
|---|---|---|---|---|---|
| | | System Controller | System Controller Lite | Touch Panel Controller | Central Remote Controller |
| | | UTY-APGXZ1 | UTY-ALGXZ1 | UTY-DTG∗Z1 | UTY-DCG∗Z3 |
| Network Converter | UTY-VTGX<br>UTY-VTGXV | — | — | — | — |
| USB Adapter* | Locally purchased | ○ | ○ | — | — |
| Network Converter for LonWorks | UTY-VLGX | — | — | — | — |
| BACnet Gateway | UTY-VBGX<br>UTY-ABGXZ1 | — | — | — | — |
| Modbus Converter | UTY-VMGX<br>UTY-VMSX | — | — | — | — |
| KNX Convertor | UTY-VKGX<br>UTY-VKSX | — | — | — | — |

| Convertor (Adaptor) | | Within VRF network system | | |
|---|---|---|---|---|
| | | Web Monitoring Tool | Service Tool | BACnet Gateway |
| | | UTY-AMGXZ1 | UTY-ASGXZ1 | UTY-ABGXZ1 |
| Network Converter | UTY-VTGX<br>UTY-VTGXV | — | — | — |
| USB Adapter* | Locally purchased | ○ | ○ | ○ |
| Network Converter for LonWorks | UTY-VLGX | — | — | — |
| BACnet Gateway | UTY-VBGX<br>UTY-ABGXZ1 | — | — | — |
| Modbus Converter | UTY-VMGX<br>UTY-VMSX | — | — | — |
| KNX Convertor | UTY-VKGX<br>UTY-VKSX | — | — | — |

*: For details on the applicable interface, refer to the system requirement for each product.

| Convertor (Adaptor) | | VRF network system ↔ Other system | | Single split system ↔ Other system |
|---|---|---|---|---|
| | | Single split system/ Multi system | BMS/BAS | |
| Network Converter | UTY-VTGX<br>UTY-VTGXV | ○ | — | — |
| USB Adapter* | Locally purchased | — | — | — |
| Network Converter for LonWorks | UTY-VLGX | — | ○ | — |
| BACnet Gateway | UTY-VBGX<br>UTY-ABGXZ1 | — | ○ | — |
| Modbus Converter | UTY-VMGX | — | ○ | — |
| | UTY-VMSX | — | — | ○ |
| KNX Convertor | UTY-VKGX | — | ○ | — |
| | UTY-VKSX | — | — | ○ |

*: For details on the applicable interface, refer to the system requirement for each product.


CONTROL SYSTEM

# 1-3. Features of control system

## ■ Simple wiring system

- 1 transmission line can interlink all equipments regardless refrigerant circuit.
- Non polar 2-conductor transmission cable.
- Central control equipment can be connected anywhere on the transmission line, with no need to bring from the outdoor unit.
  - Making up the network system easily
  - Saving the total wiring length
  - Preventing incorrect connection
  - Saving installation time

## ■ Adaption to large scale buildings

- 1 VRF network system allows to form large scale application as follows:
  - Total transmission wiring length can be extended up to 3,600 m with signal amplifier unit.
  - Up to 400 indoor units per group
  - Up to 100 outdoor units per group
  - Touch Panel Controller can be used for primary central control.
  - Multiple touch panel controllers may be sued to provide convenient control for multiple convertor. (For details, refer to "Network Converter (UTY-VTGX)" on page 05-125 and "Network Converter (UTY-VTGXV)" on page 05-131.)
  - By adopting a separate interface, it is possible to connect other products and systems by FUJITSU GENERAL such as single type models (excluding some models), J series or multi air conditioner for buildings (e.g. Multi). Refer to "Network Converter (UTY-VTGX)" on page 05-125 and "Network Converter (UTY-VTGXV)" on page 05-131.
- System Controller allows to control up to 4 VRF network systems (max. 1,600 indoor units), suitable huge scale application.

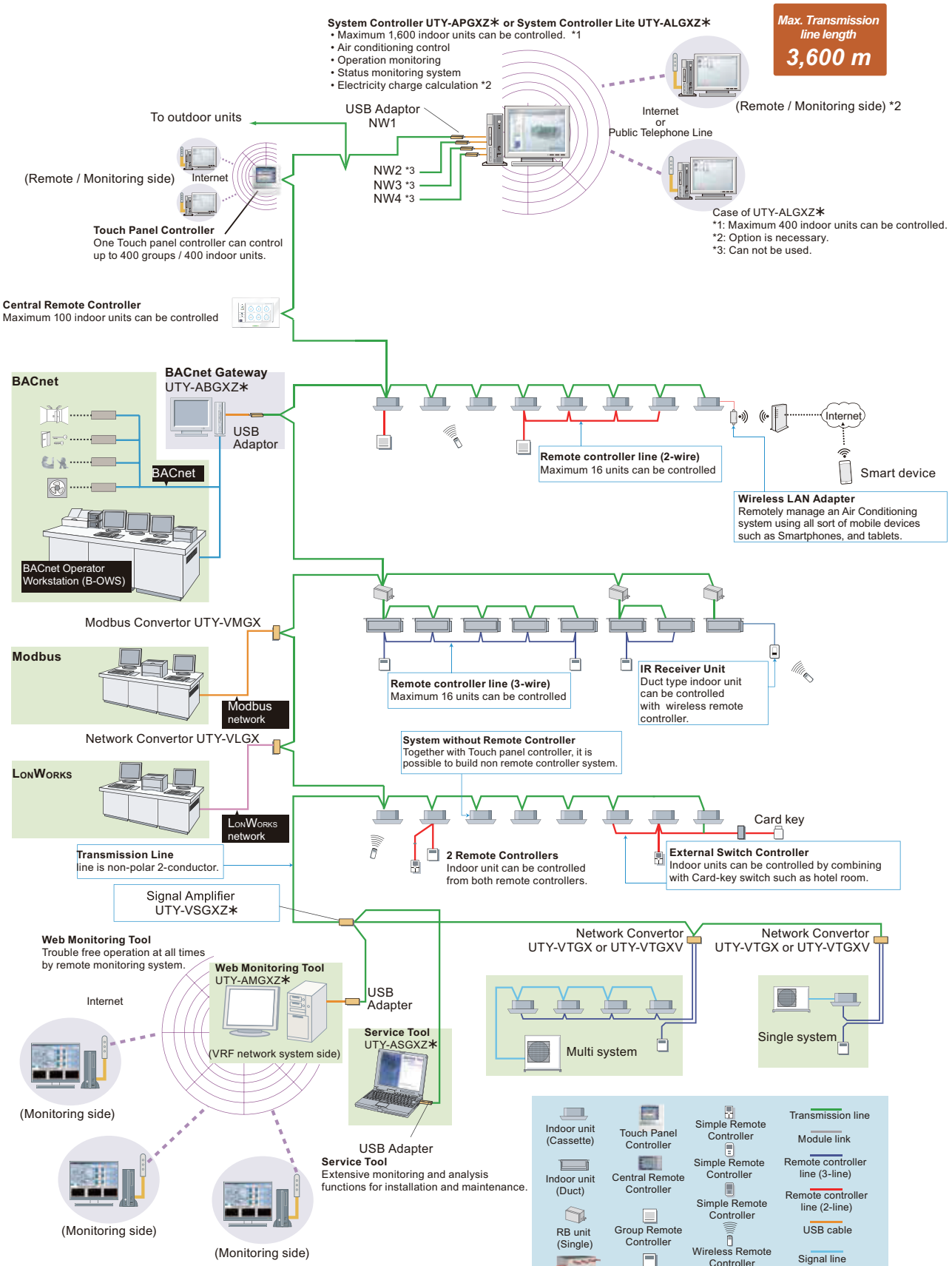
## ■ Reliability and easy maintenance

- Stand-alone transmission network, allows each equipment to operate individually, thus failure of the units does not affect other indoor units operation.
- When a failure occurs, the error code is displayed on the individual controller and central controller excepting wireless remote controller.
- Also error histories can memorized by each individual controller and central controller excepting wireless remote controller.
- System Controller and Web Monitoring Tool allow to monitor operation status in real time via Internet, and enable quick diagnoses.
- Maintenance works is improved efficiency, because Service Tool can be connected to anywhere on the transmission line.


CONTROL SYSTEM

# 1-4. Wiring system

- Wiring configuration of the control system is made of power source wiring, transmission wiring, and remote controller wiring.
- Total wiring length (total length of transmission line) can be extended up to 3,600 m by using signal amplifier.




## Combination of individual remote controller

Wired, simple and wireless remote controllers can be used jointly.

# 1-5. Control device design limitation

## ● Central control

| Central controller | | Necessary device | Maximum units number | | |
|---|---|---|---|---|---|
| | | | Connectable units | Manageable indoor units | Connectable outdoor units |
| System Controller | UTY-APGXZ1 | USB Adapter | 1/system | 1,600 (4 VRF networks) | 400 (4 VRF networks) |
| System Controller Lite | UTY-ALGXZ1 | USB Adapter | 1/system | 400 (1 VRF network) | 100 (1 VRF network) |
| Touch Panel Controller | UTY-DTG∗Z1 | — | 16/system | 400 | 100 |
| Central Remote Controller | UTY-DCG∗Z3 | — | | 100 | |

| Adaptor/Convertor | | Necessary device | Maximum units number | | |
|---|---|---|---|---|---|
| | | | Connectable units | Manageable indoor units | Connectable outdoor units |
| Network Converter | UTY-VTGX<br>UTY-VTGXV | — | 100/system | — | — |
| Network Converter for LonWorks*1 | UTY-VLGX | — | 1/system | 128*2 | 100 |
| BACnet Gateway | UTY-VBGX | — | 4/system | 128*2 | 100 |
| | UTY-ABGXZ1 | USB Adapter | 1/system | 1,600 (4 VRF networks) | 400 (4 VRF networks) |
| Modbus Converter | UTY-VMGX | — | 9/system | 128*2 | 100 |
| Modbus Converter | UTY-VMSX | — | — | 1 | — |
| KNX Convertor | UTY-VKGX | — | 9/system | 128*2 | 100 |
| KNX Convertor | UTY-VKSX | — | — | 1 | — |
| Signal Amplifier | UTY-VSGXZ1 | — | 40/system | — | — |
| WLAN Adapter | UTY-TFSXZ1 | — | — | — | — |

- *1: A maximum of 4 Network Converter for LonWorks can be connected to 1 BMS.
- *2: Maximum controllable indoor unit number per one convertor. (For proper configuration, refer to system diagram of each device.)

| Service and Maintenance | | Necessary device | Maximum units number | | |
|---|---|---|---|---|---|
| | | | Connectable units | Manageable indoor units | Connectable outdoor units |
| Service Tool | UTY-ASGXZ1 | USB Adapter | 1/system | 400 | 100 |
| Web Monitoring Tool | UTY-AMGXZ1 | | | 1,600 (4 VRF networks) | 400 (4 VRF networks) |


CONTROL SYSTEM

## ● Individual control

| Individual controller | | Connectable units number | Remarks |
|---|---|---|---|
| Wireless Remote Controller | UTY-LNV∗ | | |
| Wireless Remote Controller | UTY-LNH∗ | | |
| Wired Remote Controller (Touch Panel) | UTY-RVR∗ | 2/Remote control group | 2-wire type |
| Wired Remote Controller (Touch Panel) | UTY-RNR∗Z∗ | 4/Remote control group | 2-wire type |
| Wired Remote Controller | UTY-RLR∗ | 4/Remote control group | 2-wire type |
| Simple Remote Controller (With operation mode) | UTY-RSR∗ | 4/Remote control group | 2-wire type |
| Simple Remote Controller (Without operation mode) | UTY-RHR∗ | 4/Remote control group | 2-wire type |
| Wired Remote Controller | UTY-RCR∗Z1 | 1/Indoor unit | 2-wire type |
| Wired Remote Controller | UTY-RNK∗ | 2/Remote control group | 3-wire type |
| Simple Remote Controller (With operation mode) | UTY-RSK∗ | 2/Remote control group | 3-wire type |
| Simple Remote Controller (Without operation mode) | UTY-RHK∗ | 2/Remote control group | 3-wire type |

| Adaptor/Convertor | | Connectable units number | Remarks |
|---|---|---|---|
| External Switch Controller | UTY-TERX | 2/Remote control group | 2-wire or 3-wire type |
| External Switch Controller | UTY-TEKX | 2/Remote control group | 3-wire type |
| IR Receiver Unit | UTB-YWC<br>UTY-LRH∗B1<br>UTY-TRHX<br>UTY-LBHXD | 1/Indoor unit | |


CONTROL SYSTEM

# 2. Control units

**RELATED LINKS**

"Controllers" in Chapter 1. GENERAL INFORMATION on page 01-10

## 2-1. System Controller (UTY-APGXZ1)

This system realizes the advanced general monitoring & control of VRF system from small scale buildings to large scale buildings.

- Maximum of 4 network systems, 1,600 indoor units can be controlled.
- In addition to air conditioning precision control function, central remote control, electricity charge calculation, schedule management, and energy saving functions are strengthened and building manager and owner needs are met.
- Corresponds to 7 different languages. (English, Chinese, French, German, Spanish, Russian, and Polish)
- Connection between VRF network system to personal computer is possible via small U10 USB interface. However, both U10 USB interface and personal computer are locally purchased items.
- Extended feature* supported by use of options.

**NOTES:**

- *: Electricity charge apportionment using electricity meter, energy saving control. (without V and S series)
- Different VRF series may be connected for each of the 4 VRF networks supported by the product, but different series may not coexist within the same network. (VR-IV, J-IV, J-IVS, J-VS, J-IVL, VR-II, V-III, J-III, J-IIS, and J-IIIL can exist together in same network. V and S can exist together in same network, too.)

### ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| WHITE-USB-KEY (software protection key with software) | 1 | Software protection key to be connected to an USB port on the PC that System Controller is installed. System Controller runs only on a PC with this WHITE-USB-KEY. However, this WHITE-USB-KEY is not required for remote VRF Explorer software. |

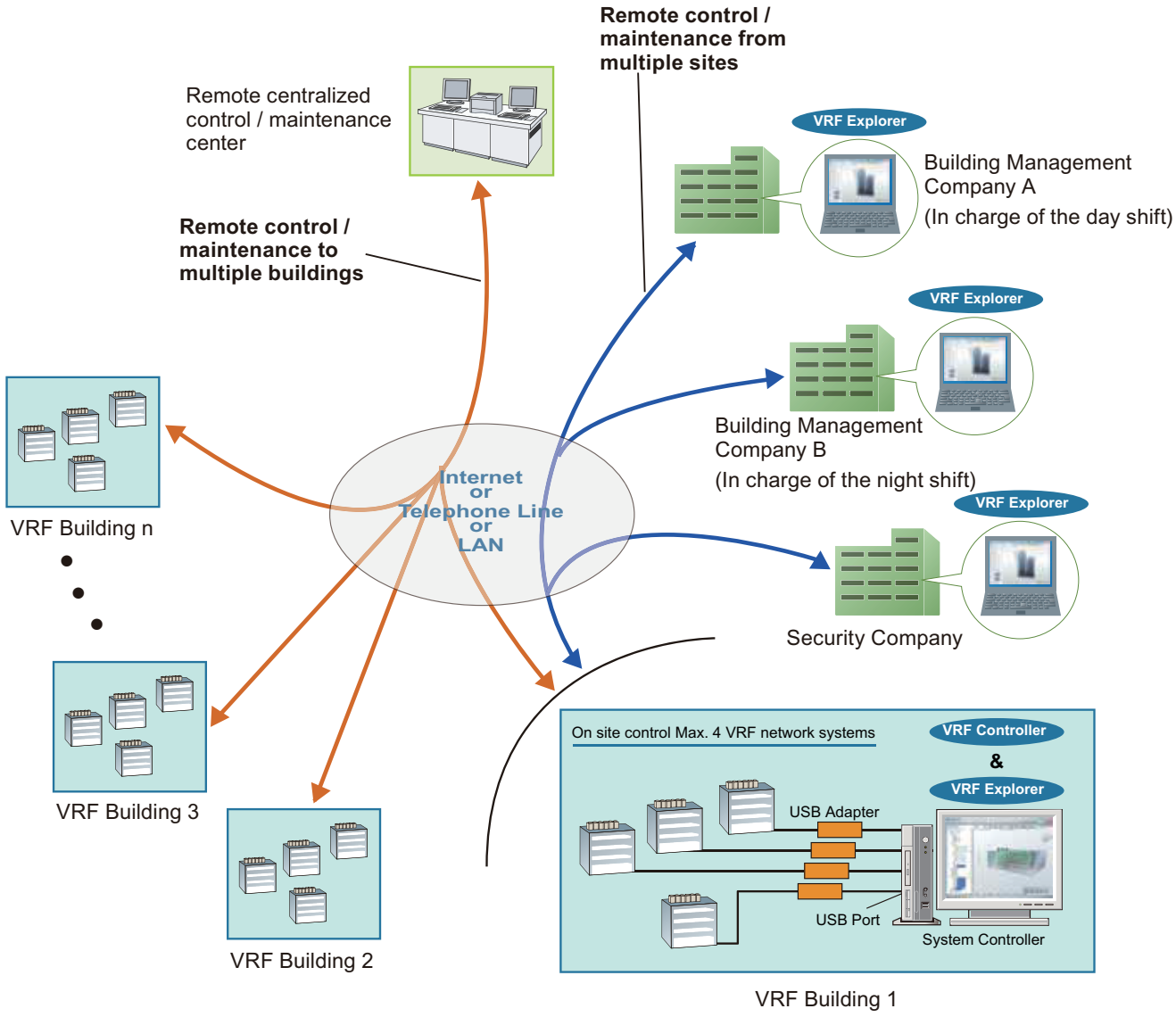
### ■ Available option

| Option | Model name | Remark |
|---|---|---|
| Energy manager | UTY-PEGXZ1 | Additional support for energy saving function and electricity charge apportionment using electricity meter. |
| Prepaid air conditioning | UTY-PPGXP2 | Prepaid management of VRF air conditioner is performed and collection of charge for air conditioning is supported for building administrator. |


CONTROL SYSTEM

# ■ System diagram

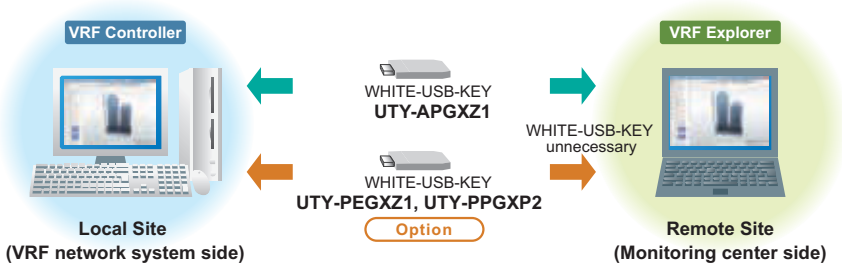
- System Controller may be used on site or remotely over various networks for remote central control.
- System Controller consists of VRF Controller software and VRF Explorer software, both software are working together.
- VRF Controller software runs in the background and communicate with VRF System.
- VRF Explorer software provides user interface and communicate with VRF Controller.
- VRF Controller and VRF Explorer software may run in a single PC or in different PCs separated by network.
- VRF Explorer software does not require WHITE-USB-KEY (Software protection key).





CONTROL SYSTEM

# ■ Software configuration




- **Any number can be installed in remote site personal computers.**
  - System Controller (UTY-APGXZ1) can be installed in the local site PCs (VRF controller) connected to the VRF network system.
  - Multiple remote site PCs (VRF explorer) can be connected to VRF controller via Internet or LAN.

  Just this single product creates the control, management, and monitoring environment for the customer's properties including remote operation.

  **NOTES:**
  - WHITE-USB-KEY is not required for PCs on the remote site.
  - Some function, such as equipment registration and input/output are invalid on the remote site.

- **Optional software to strengthen the energy saving function**
  Installing the optional UTY-PEGXZ1 will strengthen the energy saving management function.


CONTROL SYSTEM

# ■ Other required devices (Locally purchased)

- Personal computer that satisfies the following system requirements

| Personal computer system requirement | |
|---|---|
| Operating system | • Microsoft Windows 10 Home (64-bit)<br>• Microsoft Windows 10 Pro (64-bit)<br>• Microsoft Windows 11 Home (64-bit)<br>• Microsoft Windows 11 Pro (64-bit)<br><br>Supported languages: English, Chinese, French, German, Russian, Spanish, and Polish |
| CPU | Intel Core i3 2 GHz or higher |
| Memory | • 4 GB or more (for Windows 10)<br>• 8 GB or more (for Windows 11) |
| HDD | 40 GB or more of free space |
| Display | 1,024 × 768 or higher resolution |
| Interface | • Ethernet port (for getting access to the Internet using LAN) or Modem (for getting access to the Internet using public telephone line)<br>• USB ports (Maximum of 5 ports) (Required only for the server PC that works as VRF controller)<br>– Maximum of 1 USB ports are required for WHITE-USB-KEY connection<br>– Maximum of 4 USB ports are required for Echelon U10 USB/U60-FT DIN Network Interface<br><br>**NOTE:** Maximum number of required USB ports depends on the applicable system configuration. |
| Graphic accelerator | Microsoft DirectX 9.0c compatible |
| Software | Adobe Reader 9.0 or later |

- Transmission adapter (Required for each VRF network):
  - Echelon U10 USB Network Interface – TP/FT-10 Channel (Model number: 75010R)
  - Echelon U60-FT DIN Network Interface (Model number: 75060R-40)

# ■ Specification summary

| Type | | Function | UTY-APGXZ1 | UTY-PEGXZ1 (Option) | UTY-PPGXP2 (Option) | Remark |
|---|---|---|---|---|---|---|
| System specification | | Max. system controller per VRF network | 1 | — | — | |
| | | Max. VRF networks supported | 4 | — | — | Site with up to 4 VRF networks may administrated with 1 system controller. |
| | | Max. indoor units/remote controller groups per VRF network | 400 | — | — | |
| | | Max. indoor units/remote controller groups per system controller | 1,600 | — | — | 4 VRF networks |
| Site supervision | | Multiple site display | 10 | — | — | |
| | | 2D/3D graphical layout view | ● | — | — | 2D: Site, Floor<br>3D: Building<br>Quick control from display available. |
| | | List display | ● | — | — | Quick control from display available. |
| | | Tree display | ● | — | — | Quick control from display available. |
| Operation control | Individual | Start/Stop, Operation mode, Room temperature | ● | — | — | |
| | | Fan speed, Airflow direction | ● | — | — | |
| | | Economy mode | ● | — | — | |
| | | Anti-Freeze | ● | — | — | |
| | | Remote control prohibition setting | ● | — | — | |
| | | Temperature upper and lower limit setting | ● | — | — | |
| | | Filter sign reset | ● | — | — | |
| | | Human sensing | ● | — | — | |
| | Schedule | Annual schedule | ● | — | — | Week of year, day of month, day of week setting<br>Holiday special day settings |
| | | Low noise mode weekly schedule | ● | — | — | Outdoor unit control only |
| | Group management | Number of groups | 1,600 | — | — | |
| | | Group in group | 3 levels | — | — | Level 1—2—3 |
| | | Max. overlap definitions | 1,600 | — | — | 1 unit may belong to up to 1,600 groups. |
| | | Auto generation | ● | — | — | By site, building and floor |
| | Others | Memory operation | ● | — | — | Operation pattern memorized and reused. |
| | | Pattern operation | ● | — | — | Reuse operation pattern once used. |
| Operation status monitoring | | Controlled status | ● | — | — | See items controlled by operation. |
| | | Special operation | ● | — | — | Defrost, oil recovery |
| Room temperature | | Room temperature | ● | — | — | * |
| Error management | | Error notification | ● | — | — | |
| | | Audible alarm | ● | — | — | |
| | | Error e-mail notification | ● | — | — | |
| History management | | Error history | 1 year | — | — | |
| | | Operation history and status history | 1 year | — | — | |
| Energy saving management | | Indoor Unit Lead Lag | — | ● | — | |
| | | Outdoor Unit Capacity Limit | — | ● | — | |
| | | Peak cut control | — | 1 month | — | |
| | | Power consumption monitor | — | ● | — | |
| | | Electricity meters supported | — | 200 | — | Outdoor unit required per connection. |
| | | Power consumption information | — | 3 years | — | |
| Electricity charge apportionment | | Apportionment charge calculation | ● | — | — | |
| | | Apportionment charge bill creation | ● | — | — | |
| | | Block Setting | 1,600 | — | — | |
| | | Common facilities apportionment setting | ● | — | — | |
| | | Rated Power Consumption Apportionment Setting | ● | — | — | |
| | | Electricity meters supported | — | 200 | — | Same meters used for energy saving. |
| | | Electricity charge apportionment period | 2 years | — | — | |
| | | Prepaid air conditioning | — | — | ● | |
| | | Cooling and heating information | ● | — | — | |
| Remote control | | Internet, telephone line support | ● | — | — | |
| | | Max. client connection per server | 5 | — | — | |
| | | Max. host connection from client | 10 | — | — | |
| | | Data encryption | ● | — | — | SSL used. |
| Others | | External device control function | ● | — | — | |
| | | Web operation | ● | — | — | |
| | | User control | ● | — | — | Authorization level setting |
| | | Database import/export (manual) | ● | — | — | |
| | | Periodic Backup | ● | — | — | |
| | | The refrigerant systems of non-operation status function | ● | — | — | |
| | | Auto start setting | ● | — | — | |
| | | Multilingual user interface | ● | ● | — | English, Chinese, French, German, Spanish, Russian, Polish |
| | | Floor layout editor | ● | — | — | |
| | | Floor layout import/export | ● | — | — | |
| | | Online software update | ● | — | — | |

**NOTES:**

- *: To display room temperature on monitor, connect wired remote controller to indoor unit and perform function setting for detecting temperature using mounted sensor.
- In S and V series, there are some unusable functions, such as energy saving function and electricity meter use.
- The electricity charge apportionment function of VRF system can only be performed from one equipment simultaneously.



CONTROL SYSTEM

# 2-2. System Controller Lite (UTY-ALGXZ1)

System Controller Lite is advanced software of central controller for small and medium buildings. It can be supported by additional options such as electricity charge apportionment, remote monitoring, and energy saving in order to meet your demands.

- Supports 1 VRF network system and maximum of 400 controllable indoor units.
- Various high level functions from individual control to annual schedule management, operation history, and error history management.
- Corresponds to 7 different languages. (English, Chinese, French, German, Spanish, Russian, and Polish)
- Connection between VRF network system to personal computer is possible via small U10 USB interface. However, both U10 USB interface and personal computer are locally purchased items.
- Units status can be monitored and operated for each site, group, or unit.*

*: 2D floor layout/3D building display are not available. If you need these functions, use System Controller.



CONTROL SYSTEM

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| WHITE-USB-KEY (software protection key with software) | 1 | Software protection key to be connected to an USB port on the PC that System Controller is installed. System Controller runs only on a PC with this WHITE-USB-KEY. However, this WHITE-USB-KEY is not required for remote VRF Explorer software. |

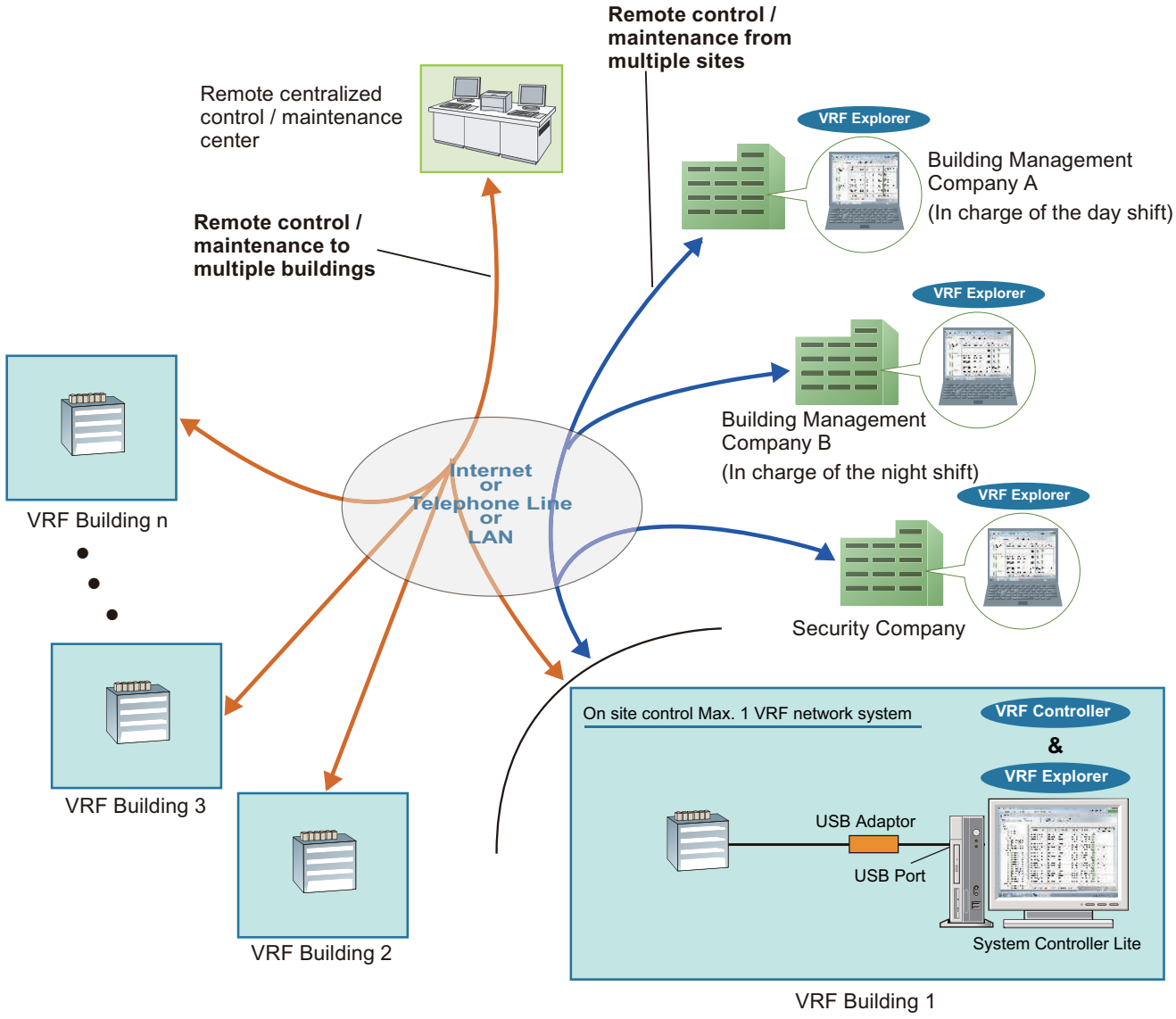
## ■ Available option

| Option | Model name | Remark |
|---|---|---|
| Electricity charge apportionment option | UTY-PLGXA2 | Apportions the power used by indoor and outdoor units, and automatically calculation the electricity charge such as for hotels or multi-tenant buildings. Computation linked with an electric meter is also possible. |
| Remote access option | UTY-PLGXR2 | VRF system can be monitored remotely from multiple PCs. Multiple VRF systems can be controlled or monitored from 1 PC. |
| Energy saving option | UTY-PLGXE2 | A variety of energy saving operations can be set and managed depending on the season, climate, and time period. |
| Prepaid air conditioning | UTY-PLGXP2 | Prepaid management of VRF air conditioner is performed and collection of charge for air conditioning is supported for building administrator. |
| External device control | UTY-PLGXX2 | By enabling central control by third-party external device, burden on maintenance and administration of the devices by the building administrator is reduced. |

# ■ System diagram

- System Controller Lite may be used on site or remotely over various networks for remote central control.*
- System Controller Lite consists of VRF Controller software and VRF Explorer software, both software are working together.
- VRF Controller software runs in the background and communicate with VRF System.
- VRF Explorer software provides user interface and communicate with VRF Controller.
- VRF Controller and VRF Explorer software may run in a single PC or in different PCs separated by network.*
- VRF Explorer software does not require WHITE-USB-KEY (Software protection key).

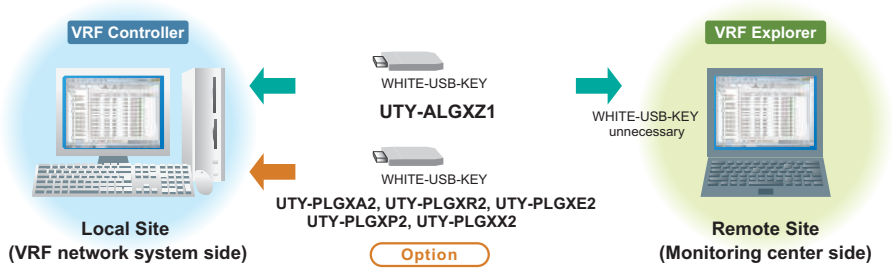
*: Remote access option (UTY-PLGXR2) is necessary.





CONTROL SYSTEM

# ■ Software configuration




- **Any number can be installed in remote site personal computers.**
  - System Controller Lite (UTY-ALGXZ1) can be installed in the local site PCs (VRF controller) connected to the VRF network system.
  - Multiple remote site PCs (VRF explorer) can be connected to VRF controller via Internet or LAN.

  Just this single product creates the control, management, and monitoring environment for the customer's properties including remote operation.

  **NOTES:**
  - WHITE-USB-KEY is not required for PCs on the remote site.
  - Some function, such as equipment registration and input/output are invalid on the remote site.

- **Optional software to strengthen various function**
  - Electricity charge apportionment function can be added by installing optional UTY-PLGXA2.
  - Remote centralized control function can be added by installing optional UTY-PLGXR2.
  - Energy saving management function can be added by installing optional UTY-PLGXE2.
  - Prepaid management function can be added by installing optional UTY-PLGXP2.
  - External device control function can be added by installing optional UTY-PLGXX2.


CONTROL SYSTEM

# ■ Other required devices (Locally purchased)

- Personal computer that satisfies the following system requirements

| Personal computer system requirement | |
|---|---|
| Operating system | • Microsoft Windows 10 Home (64-bit)<br>• Microsoft Windows 10 Pro (64-bit)<br>• Microsoft Windows 11 Home (64-bit)<br>• Microsoft Windows 11 Pro (64-bit)<br><br>Supported languages: English, Chinese, French, German, Russian, Spanish, and Polish |
| CPU | Intel Core i3 2 GHz or higher |
| Memory | • 4 GB or more (for Windows 10)<br>• 8 GB or more (for Windows 11) |
| HDD | 40 GB or more of free space |
| Display | 1,024 × 768 or higher resolution |
| Interface | • Ethernet port (for getting access to the Internet using LAN) or Modem (for getting access to the Internet using public telephone line)<br>• USB ports (Maximum of 2 ports) (Required only for the server PC that works as VRF controller)<br>– 1 USB port is required for WHITE-USB-KEY connection<br>– 1 USB port is required for Echelon U10 USB/U60-FT DIN Network Interface<br><br>**NOTE:** Maximum number of required USB ports depends on the applicable system configuration. |
| Graphic accelerator | Microsoft DirectX 9.0c compatible |
| Software | Adobe Reader 9.0 or later |

- Transmission adapter (Required for each VRF network):
  – Echelon U10 USB Network Interface – TP/FT-10 Channel (Model number: 75010R)
  – Echelon U60-FT DIN Network Interface (Model number: 75060R-40)


CONTROL SYSTEM

# ■ Specification summary

| Type | | Function | UTY-AL-GXZ1 | UTY-PLGXA2 (Option) | UTY-PLGXR2 (Option) | UTY-PLGXE2 (Option) | UTY-PLGXP2 (Option) | UTY-PLGXX2 (Option) | Remark |
|---|---|---|---|---|---|---|---|---|---|
| System specification | | Max. system controller per VRF network | 1 | — | — | — | — | — | |
| | | Max. VRF networks supported | 1 | — | — | — | — | — | |
| | | Max. indoor units/remote controller groups per VRF network | 400 | — | — | — | — | — | |
| | | Max. indoor units/remote controller groups per system controller | 400 | — | — | — | — | — | 4 VRF networks |
| Site supervision | | Multiple site display | 10 | — | — | — | — | — | |
| | | 2D/3D graphical layout view | — | — | — | — | — | — | |
| | | List display | ● | — | — | — | — | — | Quick control from display available. |
| | | Tree display | ● | — | — | — | — | — | Quick control from display available. |
| Operation control | Individual | Start/Stop, Operation mode, Room temperature | ● | — | — | — | — | — | |
| | | Fan speed, Airflow direction | ● | — | — | — | — | — | |
| | | Economy mode | ● | — | — | — | — | — | |
| | | Anti-Freeze | ● | — | — | — | — | — | |
| | | Remote control prohibition setting | ● | — | — | — | — | — | |
| | | Temperature upper and lower limit setting | ● | — | — | — | — | — | |
| | | Filter sign reset | ● | — | — | — | — | — | |
| | | Human sensing | ● | — | — | — | — | — | |
| | Schedule | Annual schedule | ● | — | — | — | — | — | Week of year, day of month, day of week setting<br>Holiday special day settings |
| | | Low noise mode weekly schedule | ● | — | — | — | — | — | Outdoor unit control only |
| | Group management | Number of groups | 400 | — | — | — | — | — | |
| | | Group in group | 3 levels | — | — | — | — | — | Level 1—2—3 |
| | | Max. overlap definitions | 400 | — | — | — | — | — | 1 unit may belong to up to 400 groups. |
| | | Auto generation | ● | — | — | — | — | — | By site, building and floor |
| | Others | Memory operation | ● | — | — | — | — | — | Operation pattern memorized and reused. |
| | | Pattern operation | ● | — | — | — | — | — | Reuse operation pattern once used. |
| Operation status monitoring | | Controlled status | ● | — | — | — | — | — | See items controlled by operation. |
| | | Special operation | ● | — | — | — | — | — | Defrost, oil recovery |
| Room temperature | | Room temperature | ● | — | — | — | — | — | * |
| Error management | | Error notification | ● | — | — | — | — | — | |
| | | Audible alarm | ● | — | — | — | — | — | |
| | | Error e-mail notification | ● | — | — | — | — | — | |
| History management | | Error history | 1 year | — | — | — | — | — | |
| | | Operation history and status history | 1 year | — | — | — | — | — | |
| Energy saving management | | Indoor Unit Lead Lag | — | — | — | ● | — | — | |
| | | Outdoor Unit Capacity Limit | — | — | — | ● | — | — | |
| | | Peak cut control | — | — | — | 1 month | — | — | |
| | | Power consumption monitor | — | — | — | ● | — | — | |
| | | Electricity meters supported | — | — | — | 200 | — | — | Outdoor unit required per connection. |
| | | Power consumption information | — | — | — | 3 years | — | — | |
| Electricity charge apportionment | | Apportionment charge calculation | — | ● | — | — | — | — | |
| | | Apportionment charge bill creation | — | ● | — | — | — | — | |
| | | Block Setting | — | 1,600 | — | — | — | — | |
| | | Common facilities apportionment setting | — | ● | — | — | — | — | |
| | | Rated Power Consumption Apportionment Setting | — | ● | — | — | — | — | |
| | | Electricity meters supported | — | 200 | — | — | — | — | Same meters used for energy saving. |
| | | Electricity charge apportionment period | — | 2 years | — | — | — | — | |
| | | Prepaid air conditioning | — | — | — | — | ● | — | |
| | | Cooling and heating information | — | ● | — | — | — | — | |
| Remote control | | Internet, telephone line support | — | — | ● | — | — | — | |
| | | Max. client connection per server | — | — | 5 | — | — | — | |
| | | Max. host connection from client | — | — | 10 | — | — | — | |
| | | Data encryption | — | — | ● | — | — | — | SSL used. |
| Others | | External device control function | — | — | — | — | — | ● | |
| | | Web operation | ● | — | — | — | — | — | |
| | | User control | ● | — | — | — | — | — | Authorization level setting |
| | | Database import/export (manual) | ● | — | — | — | — | — | |
| | | Periodic Backup | ● | — | — | — | — | — | |
| | | The refrigerant systems of non-operation status function | ● | — | — | — | — | — | |
| | | Auto start setting | ● | — | — | — | — | — | |
| | | Multilingual user interface | ● | ● | ● | ● | — | — | English, Chinese, French, German, Spanish, Russian, Polish |
| | | Floor layout editor | ● | — | — | — | — | — | |
| | | Floor layout import/export | ● | — | — | — | — | — | |
| | | Online software update | ● | — | — | — | — | — | |

**NOTES:**

- *: To display room temperature on monitor, connect wired remote controller to indoor unit and perform function setting for detecting temperature using mounted sensor.
- In S and V series, there are some unusable functions, such as energy saving function and electricity meter use.
- The electricity charge apportionment function of VRF system can only be performed from one equipment simultaneously.

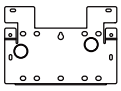
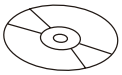


CONTROL SYSTEM

# 2-3. Touch Panel Controller (UTY-DTG∗Z1)

- Large-sized 7.5 inch TFT color
- LCD easy finger touch operation
- Stylish shape and design to suit all application
- No additional component is required for installation.
- Up to 400 indoor units can be controlled.
- Selectable 2 display types (icon/list) in monitoring mode
- Corresponds to 7 different languages. (English, Chinese, French, German, Spanish, Russian, and Polish)

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
|  Installation plate | 1 | For Touch Panel Controller installation<br>(It is attached to the back of the Touch Panel Controller) |
| Screw | 8 | Screw for Touch Panel Controller installation |
| Washer | 8 | Washer for Touch Panel Controller installation |
| Touch pen | 1 | Pen for Touch Panel Controller installation |
| Cable tie | 4 | For prevention dropping off of the cable |
|  CD-ROM | 1 | Includes the operating manual and file making sheet of this controller |
| Installation manual | 1 | |
| Operation manual | 1 | |



CONTROL SYSTEM

# ■ Available option

| Option | Model name | Remark |
|---|---|---|
| Electricity charge apportionment option | UTY-PTGXA | Apportions the power used by indoor and outdoor units, and automatically calculation the electricity charge such as for hotels or multi-tenant buildings. Computation linked with an electric meter is also possible. |

- Specifications

| | |
|---|---|
| Number of sites | Max. 20 |
| Number of contracts | Max. 400 (per site) |
| Number of blocks | Max. 1,600 (per site) |
| Data storage period | Max. 2 years |

- Personal computer system requirements (for electricity charge apportionment tool)

| Personal computer system requirement | |
|---|---|
| Operating system | • Microsoft Windows 10 Home (64-bit)<br>• Microsoft Windows 10 Pro (64-bit)<br>• Microsoft Windows 11 Home (64-bit)<br>• Microsoft Windows 11 Pro (64-bit)<br><br>Supported languages: English, Chinese, French, German, Russian, Spanish, and Polish |
| CPU | Intel Core i3 2 GHz or higher |
| Memory | • 4 GB or more (for Windows 10)<br>• 8 GB or more (for Windows 11) |
| HDD | 40 GB or more of free space |
| Display | 1,024 × 768 or higher resolution |
| Interface | • USB port<br>• Ethernet port (to communicate with TPC via LAN) |
| Software | Adobe Reader 9.0 or later |


CONTROL SYSTEM

# ■ Functions

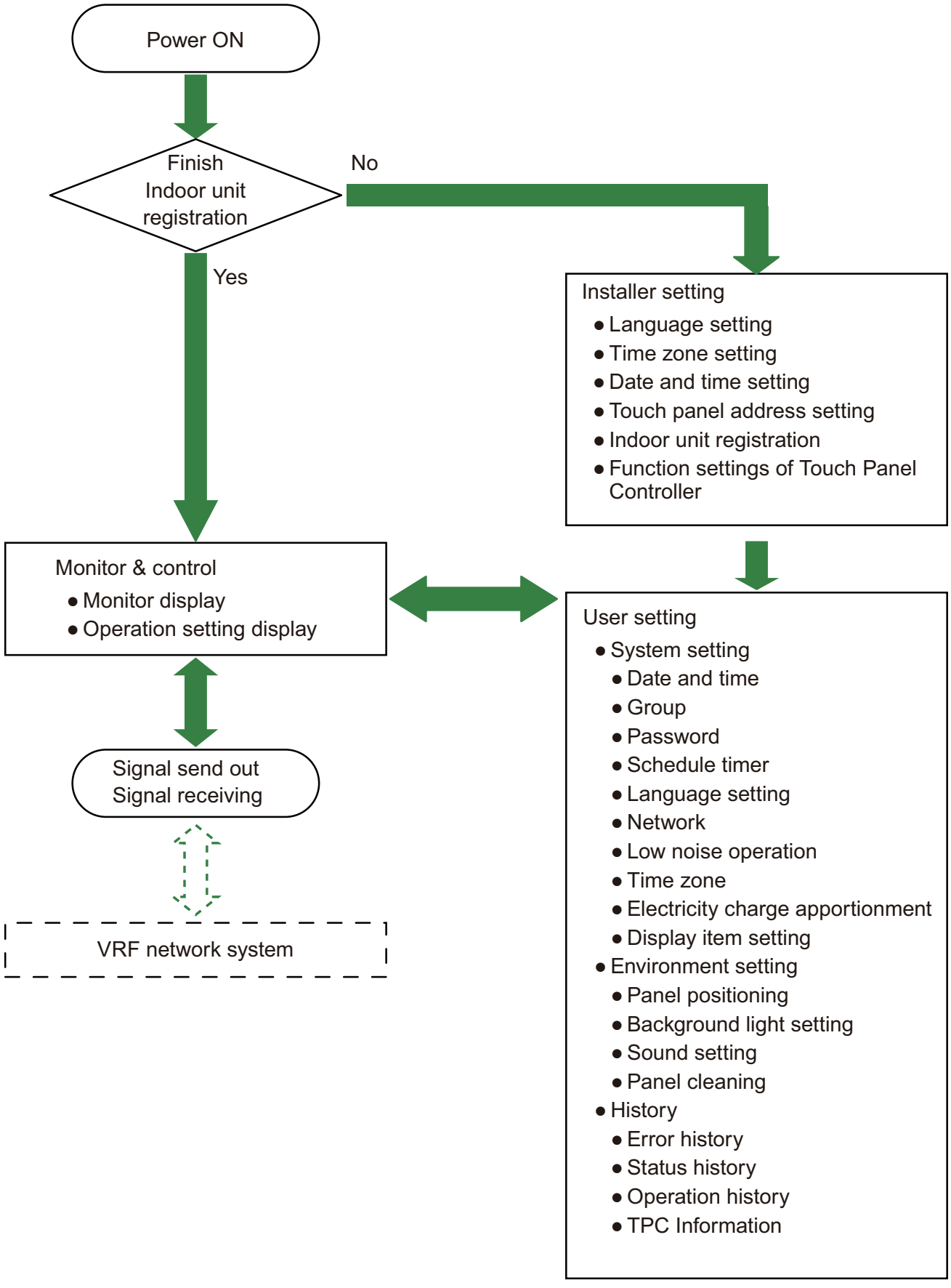
| Item | | Main unit | PC/Tablet | Description |
|---|---|---|---|---|
| Installation | Indoor unit registration | ● | — | Indoor unit registration. Max. 400 units. (Set data can be written to and read from USB flash drive) |
| | Function settings | ● | — | Temperature setpoint limitation, external input, central operation on/off setting |
| Monitor | Display switching | ● | ● | Icon display, List display |
| | Display units | ● | ● | All, Group, Individual (remote control group) |
| | Monitor contents (icon display) | ● | ● | Group name, operation, operation mode, set temperature, time, errors, timer setting, filter sign |
| | Monitor contents (list display) | ● | ● | Group name, operation, operation mode, set temperature, airflow, air direction, special operation, Anti-Freeze, time, errors, timer setting, filter sign, room temp., human sensor, set temp. range |
| | Error list | ● | ● | Group name, remote control group name, address, error code |
| | Special state | ● | ● | Display during special operation |
| Control | Control units | ● | ● | All, Group, Individual (remote control group) |
| | Control contents | ● | ● | Operation, operation mode, set temperature, airflow, RC prohibition, filter sign reset |
| | Detailed control contents | ● | ● | Air direction, energy saving, Anti-Freeze, test run |
| | Individual setting reset of airflow direction | — | ● | Sets the position of indoor unit's louver individually. |
| | Human sensor | — | ● | Sets the human sensor on the indoor unit. |
| | Setting temperature limitation of room | ● | ● | Adjusts the upper and lower limits of temperature for the indoor unit. |
| Setting | Language setting* | ● | ● | Design considering multi-language correspondence |
| | Date and time | ● | ● | Time display switching, year/month/day display switching, system clock setting, summer time, Internet time adjustment setting |
| | Time zone | ● | ● | Set the time zone of the area where this unit is used. |
| | Panel cleaning and correction | ● | — | Select display area for panel cleaning. User can select black screen on display. |
| | Group | ● | ● | Stages: Max. 3 stages settable up to 400 groups. (Set data can be written to and read from USB flash drive.) |
| | Back ground light and beep sound | ● | — | Backlighting off time and brightness setting, beep sound operation setting |
| | Password | ● | — | Management level: 3 kinds |
| | Schedule timer | ● | ● | Max. 30 items settable |
| | Temperature range | ● | — | Celsius/Fahrenheit switching, cooling, heating, and AUTO each settable |
| | Network | ● | ● | Function of Email notification for malfunction, or electricity charge apportionment option is used via LAN |
| | Low noise operation | ● | ● | "Low noise operation" is set to all outdoor units registered by this controller. |
| | Electricity charge apportionment (Option) | ● | ● | Start/stop of ECA, importing/exporting of ECA setting, and exporting ECA data. |
| | Remote language additional registration | — | ● | Additional language can be integrated on remote device by creating language database. Additional language is displayed on only the remote device and touch panel controller cannot be added other language. |
| | Auto-Off Timer | — | ● | Function to stop the operation automatically when a preset time lapses after turning on the operation |
| | Set temperature auto return | — | ● | Function to restore the temperature to the original set temperature when a preset time lapses after changing the set temperature. |
| | Display item setting | — | ● | Sets the items to be displayed on the monitor. |
| | Failure notification Email | — | ● | Failure notification Email: Sends a notification Email to the preset Email address in the event of failure. |
| | Remote connection setting | — | ● | Create Users: Max. 15 users, type, permissions, unit setting, automatic logout time |
| Maintenance | Error history | ● | ● | Recording of max. 10 errors for each touch panel controller and each indoor and outdoor unit |
| | Status history | ● | ● | Recording of max. 100 operations for each indoor unit<br>Writable to USB flash drive |
| | Operation history | ● | ● | Recording of max. 10,000 operations<br>Writable to USB flash drive |
| | TPC information | ● | ● | Version history, TPC MAC address, software version, Writing the TPC information |
| Others | External input/output | ● | — | Input: Group Operation/stop, emergency stop, electricity meter<br>Output: Operation monitoring, error |

**NOTES:**

- *: Product specifications are subject to change without notice.
- When Start/Stop, operation mode setting, room temp. setting, fan speed setting, airflow direction setting, swing setting, economy mode, and Anti-Freeze setting are changed frequently by using the central controller such as System Controller, Touch Panel Controller, etc. or from Building Management System (BMS) via BACnet Gateway or via Network Converter, the number of operations for each indoor unit must not exceed 7,500 times/year.
  If the number of setting change exceeds the above specified number, the rewriting count limit of the non-volatile memory (built into the air conditioner and used for recording settings) will be exceeded, and may cause breakdown.


CONTROL SYSTEM

## ■ State transition diagram





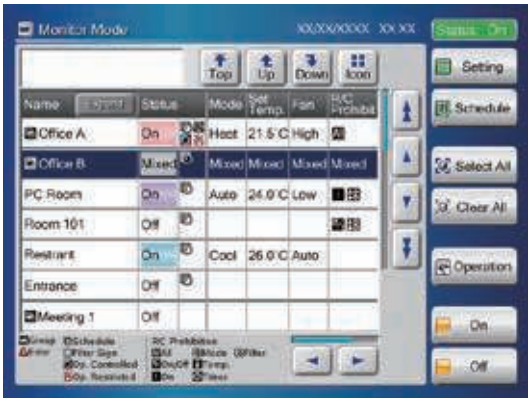
CONTROL SYSTEM

# ■ Main functions and screen examples

- **Monitor display example**
  An easy-to-use display mode can be selected.
  Easy-to understand GUI of adopted icon.

Icon display

List display




- **Operation mode setting example**
  Large button is designed for easy to access.

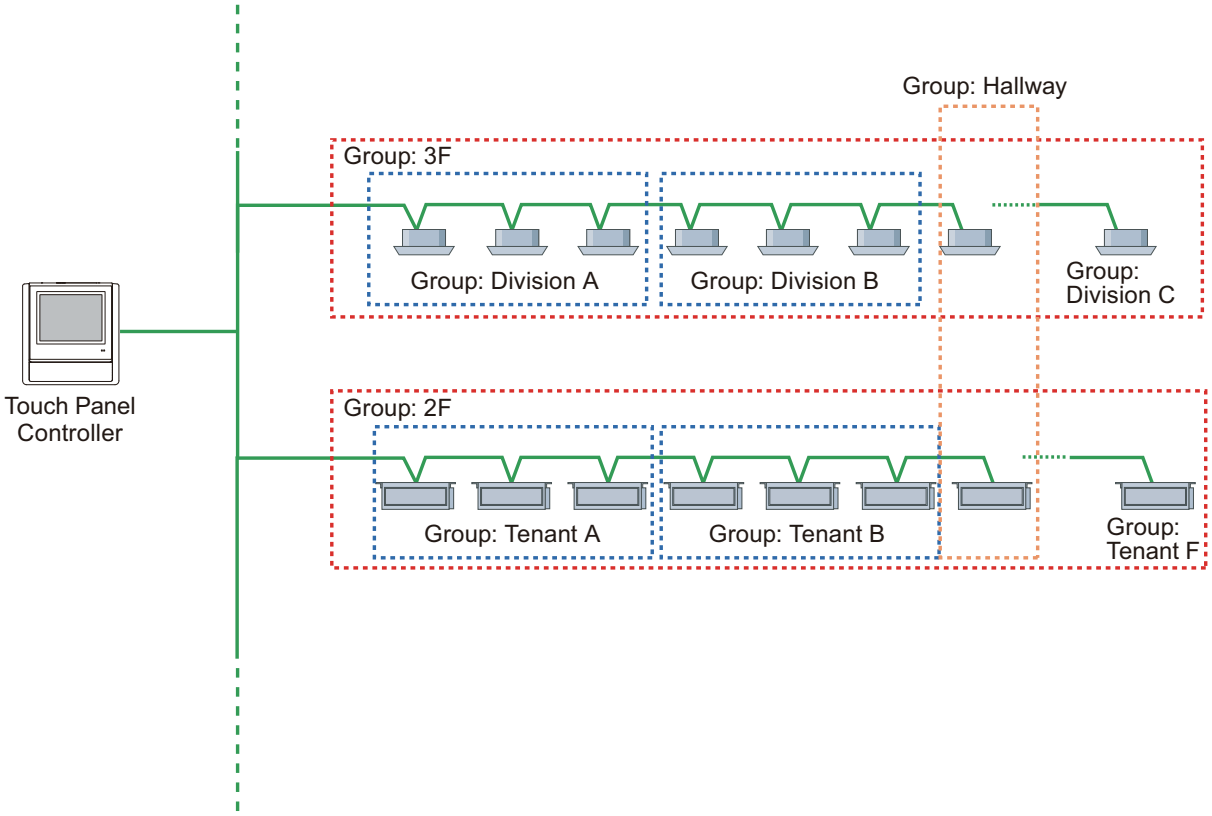
Operation setting screen

Optional setting screen

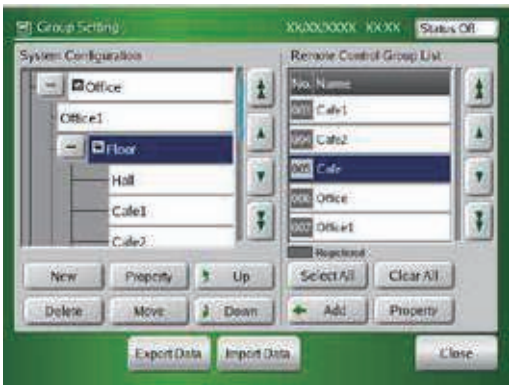
CONTROL SYSTEM

CONTROL SYSTEM

- **Group setting**
  Groups can be arbitrarily set in easy to manage units as shown in the figure.
  Control and monitoring are performed in these group units.




Group setting screen

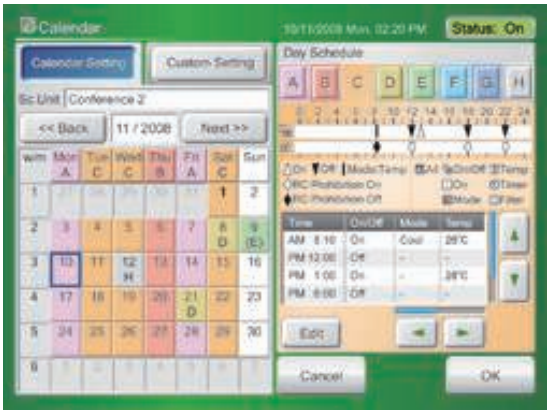




CONTROL SYSTEM

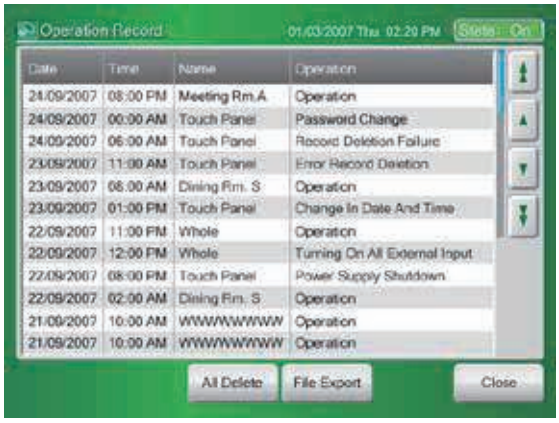
- **System schedule timer**
  Annual schedule can be set of a maximum 30 items.

Schedule setting screen




- **History recording and display**
  Error, status and operation histories can be recorded. Each recording can be also written to USB flash drive.
  – Error history: Max. 10 items recorded for each touch panel controller and each unit (indoor unit and outdoor unit).
  – Status history: Max. 100 operations recorded for each indoor unit of each room.
  – Operation hisotry: Max. 100 operations recorded.

Optional history screen





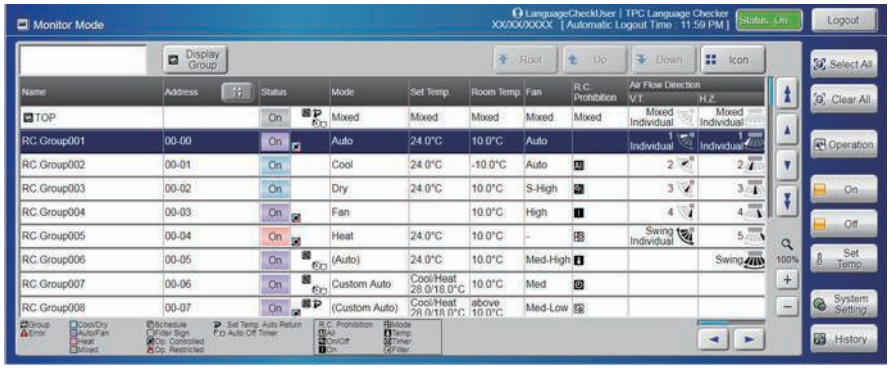
CONTROL SYSTEM

# ■ Screen examples (for remote monitoring)

- **Monitor mode main screen example**

Icon display

List display

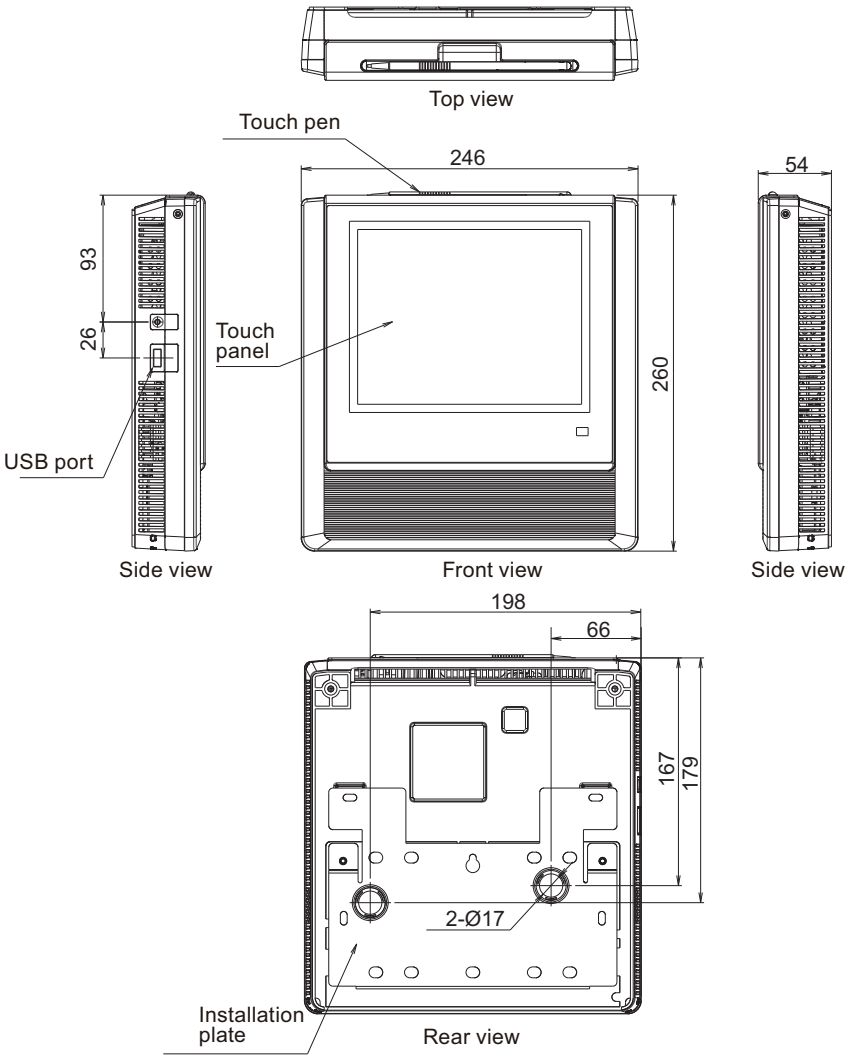



- **Control main screen example**

Operation setting screen

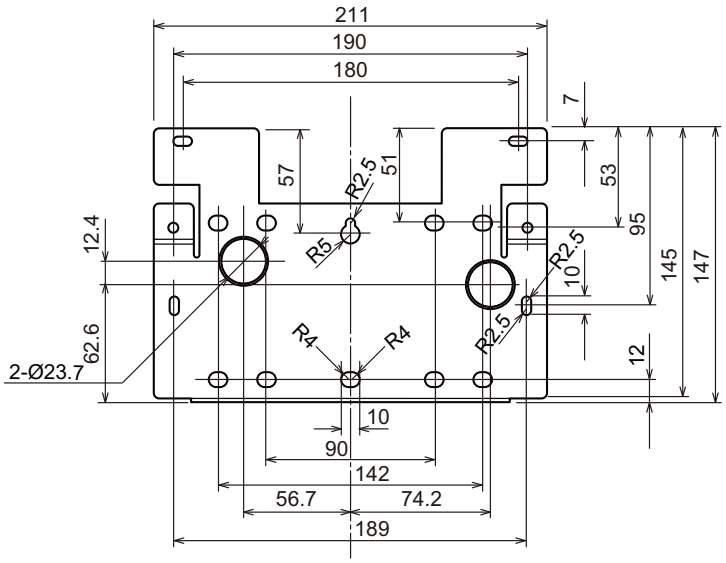
# ■ Dimensions

Unit: mm




# ■ Mounting plate screw hole positions

Unit: mm

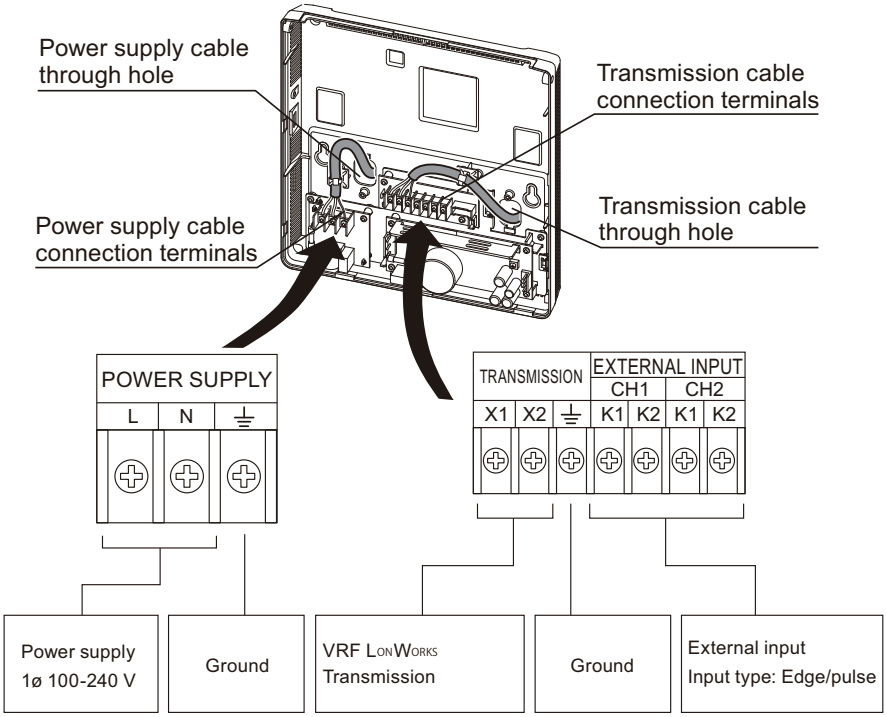



**⚠ CAUTION**

Refer to the mounting screw hole positions of the switch box that is to be installed in advance and check the compatibility.

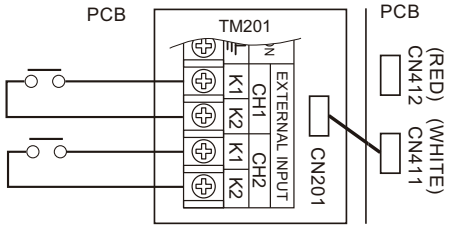
# ■ Terminal names

Names of connection terminals in rear cover.

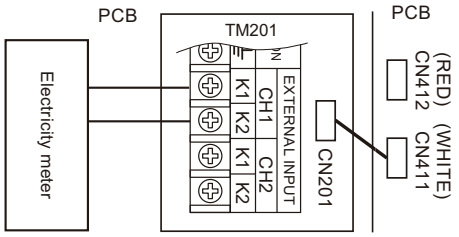



# ■ External input terminal

- Case 1: Batch start/stop and emergency stop commands




- Case 2: Electricity meter is connected



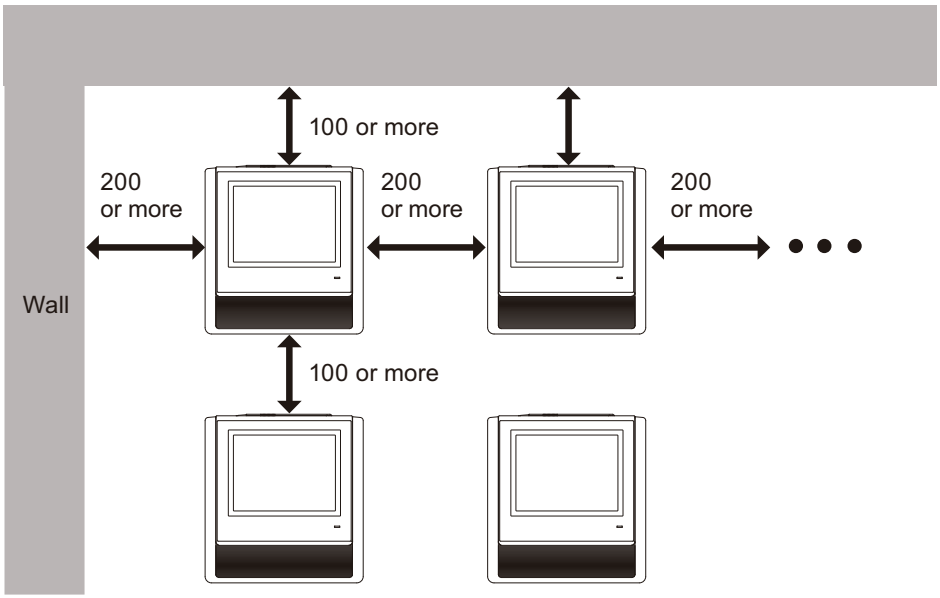



CONTROL SYSTEM

# ■ Installation space

When installing Touch Panel Controller in a row, keep the space shown below from the surrounding projecting parts.

Unit: mm



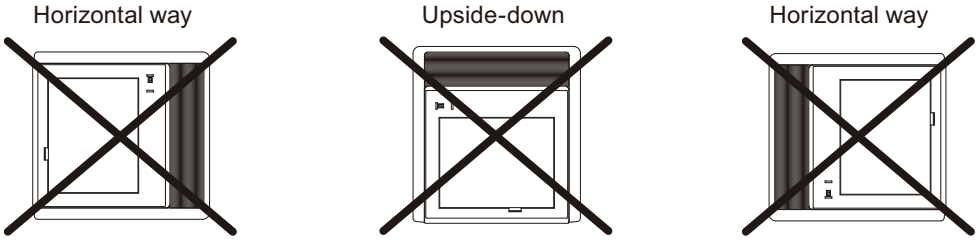

**NOTE:** The switch box that Touch Panel Controller is to be mounted to should be installed horizontally in advance.



CONTROL SYSTEM

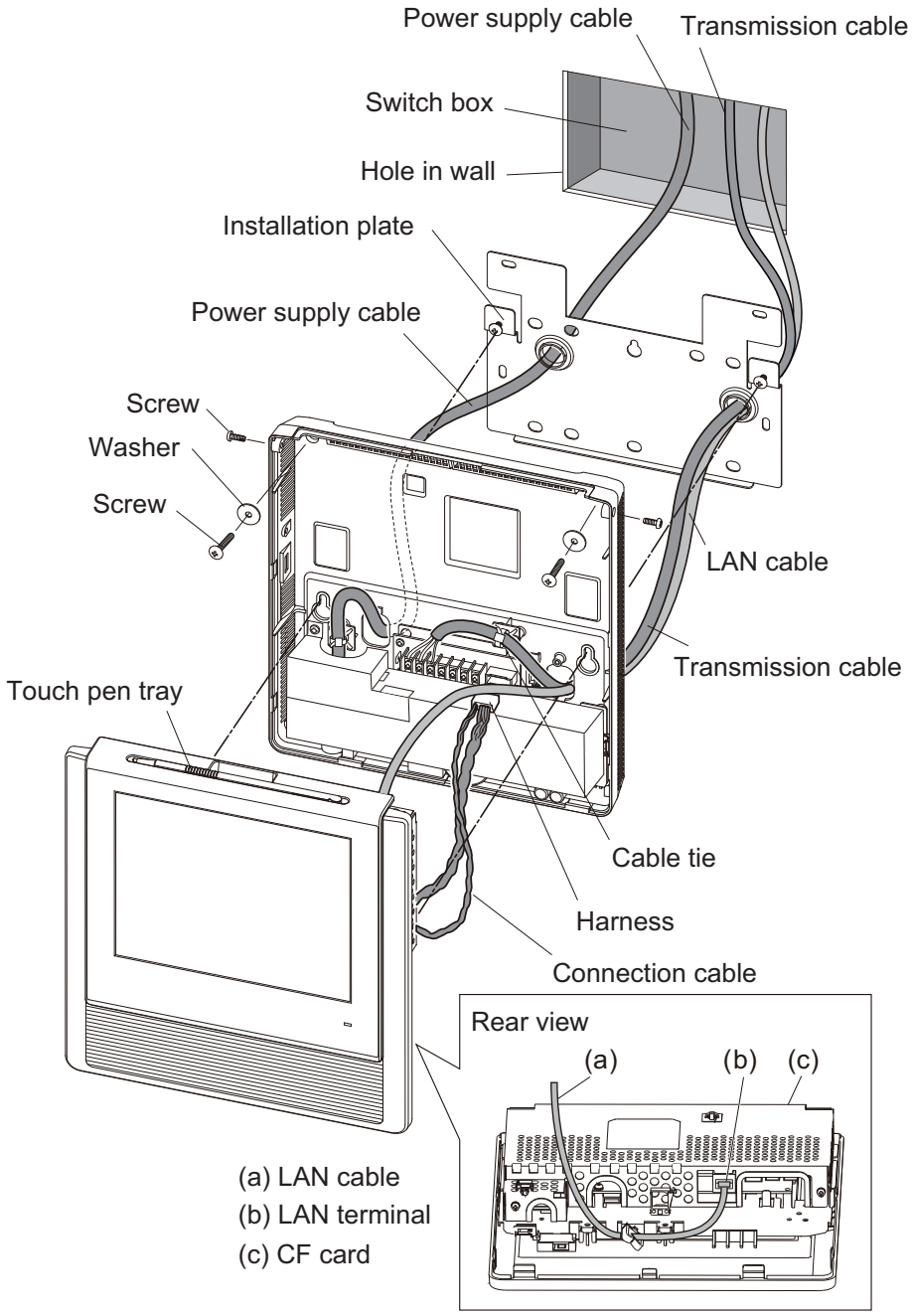
**⚠ CAUTION**

Following installation locations are prohibited:



# ■ Installation

For details, refer to installation manual.




**⚠ CAUTION**

In advance, install a switch box to the wall where Touch Panel Controller is to be installed.


CONTROL SYSTEM

# ■ Specifications

| | | |
|---|---|---|
| Power supply voltage | V | 1 Ø AC 100—240 |
| Power supply frequency | Hz | 50/60 |
| Input power | W | 22 |
| Display | | 7.5-inch TFT color LCD (640 × 480 pixels), with touch panel |
| LED indicator | | Power LED (Green) |
| External interface | | USB 2.0 |
| | | Transmission line |
| | | Ethernet port<br>(Ethernet port is required for remote connection using Internet.) |
| | | External input: Either emergency stop, Group Operation/stop, electricity meter<br>(Either Dry contact or apply voltage can be selected.) |
| | | External output: Operation state, error state |
| | | Reset switch |
| Usage temperature range | °C | 0 to 40 |
| Usage humidity range | % | 0 to 85 (no condensation) |
| Storage temperature range | °C | -20 to 70 |
| Storage humidity range | % | 0 to 85 (no condensation) |
| Dimensions (H × W × D) | mm | 260 × 246 × 54 |
| Weight | g | 2,150 |
| Fuse capacity | A | 5 |

## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Power supply cable | 0.5—1.25 $mm^2$ | 60245 IEC 57 or equivalent | 1 Ø AC 100—240 V 50/60 Hz, 2-wire + ground<br>(Always ground the unit) |
| Transmission cable | 0.33 $mm^2$<br>(22 AWG) | LEVEL4 (NEMA) nonpolar 2-core, twisted pair solid core shielded | LonWorks compatible cable |
| External input/output cable | 0.33 $mm^2$<br>(22 AWG) | Polar 2-core, twisted pair | Use cable in accordance with local rules for cable. |


CONTROL SYSTEM

# ■ Other required devices (Locally purchased)

Personal computer that satisfies the following system requirements

| Personal computer system requirement | |
|---|---|
| CPU | 2 GHz or higher |
| Memory | 2 GB or more |
| HDD | 10 GB or more of free space |
| Display | 1,366 × 768 or higher resolution |
| Interface | • USB port<br>• Ethernet port (Ethernet port is required for remote connection using Internet.) |
| Software | • Microsoft Office Excel (2007, 2010, 2013, 2016), Microsoft Excel (2007, 2010, 2013)<br>• Adobe Reader 10.0 or later<br>• Internet Explorer 11 |

## ● Recommended USB device

The USB device used in this system needs to meet the following requirements.

| | |
|---|---|
| Storage capacity | 32 GB or less |
| Generation | USB 2.0 |
| Connector interface | Type-A |
| Operating System (OS) | Compatible with Linux OS |

**NOTE:** Some USB devices might not work properly even if the device meets the requirements. For the recommended USB devices that have been confirmed to work, refer to the table below.

| Recommended USB device | |
|---|---|
| **Manufacturer** | **Product** |
| Transcend | JetFlash350 |
| Transcend | JetFlash600 |
| ADATA | C906 |


CONTROL SYSTEM

# 2-4. Central Remote Controller (UTY-DCG∗Z3)

- Individual control and monitor of 100 indoor units
- 7-inch TFT color screen
- High visibility and easy operation
- External input/output contact
- Corresponds to 13 different languages. (English, Spanish, German, French, Italian, Russian, Portuguese, Turkish, Polish, Greek, Dutch, Simplified Chinese, and Traditional Chinese)

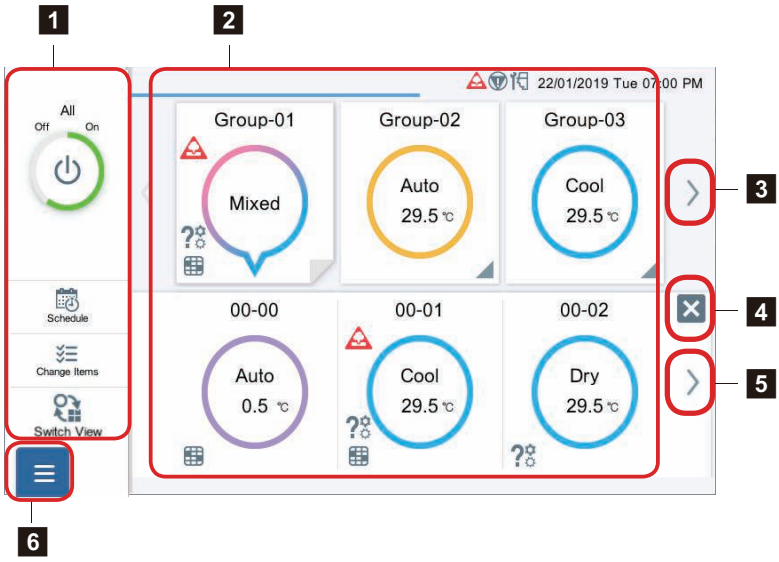
## ■ Accessory

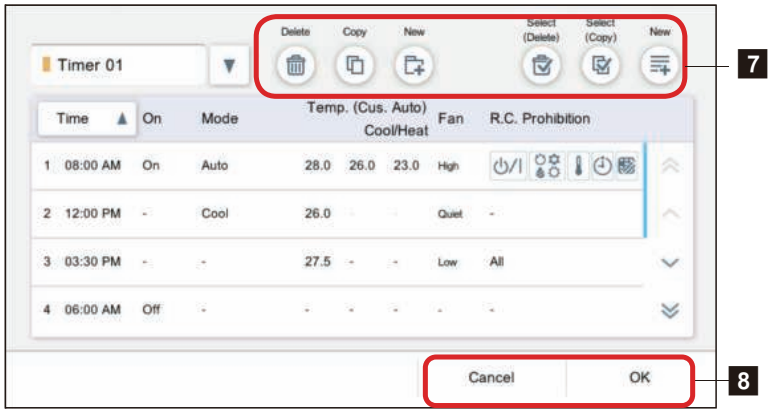
| Name and shape | Q'ty | Application |
|---|---|---|
| Installation manual | 1 | |
| Operating manual | 1 | |
| Screw (M4 × 16 mm) | 4 | For installing |
| Cable tie | 4 | For binding power supply cable and transmission cable |



CONTROL SYSTEM

# ■ Overview




**1 Left menu (Always display)**

**2 Group or RCG button**

**3 Group scroll button**

**4 Group expansion cancel button**

**5 RCG. scroll button**

**6 Menu button**

**7 Icon**

- Delete
  Deletes the currently displayed setting.
- Copy
  Copies the currently displayed setting.
- New
  Adds the new timer. However, when the number of settings reaches the upper limit, this button is disabled.
- Select (Delete)
  Deletes the selected line.
- Select (Copy)
  Copies the selected line.
- New
  Adds the new line. However, when the number of setting reaches upper limit, this button is disabled.

**8 Button**

- OK button
  Continues the appropriate process.
- Cancel button
  Cancels the process and closes the current screen.
- Reset button
  Returns the changed item to initial value.
- Close button
  Closes the current screen.
- End button
  Ends the process and closes the pop-up screen.

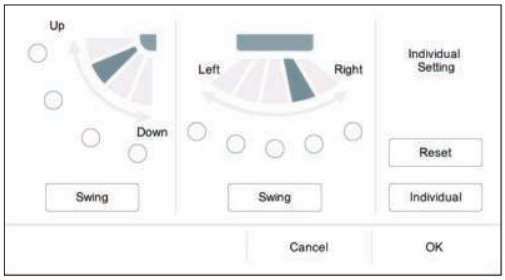


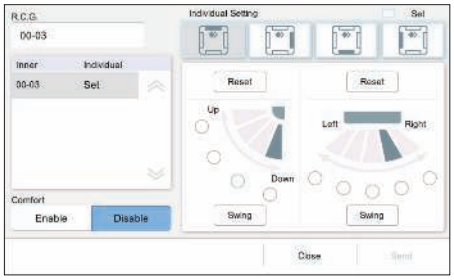
CONTROL SYSTEM

# ■ Main functions and screen examples

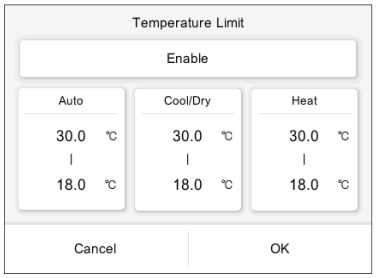
- **Individual control**
  On/Off, Mode, Set temp., Fan speed, Airflow direction, Anti freeze, Economy, and Human sensor.

- **Vertical and Horizontal airflow direction setting**
  Vertical airflow direction, Horizontal airflow direction, and Individual airflow direction.

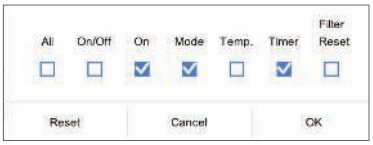


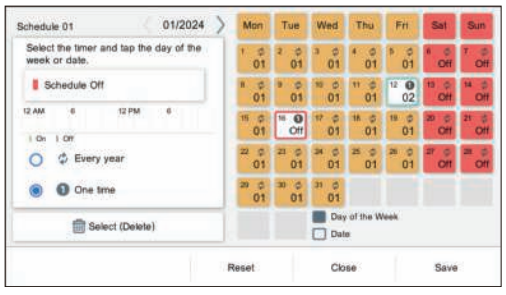

- **Room temperature upper and lower limitation setting**




- **Remote controller prohibition**
  All, On/Off, Mode, Temp., Timer, and Filter.
  R.C prohibition setting prohibits individual remote control operation.



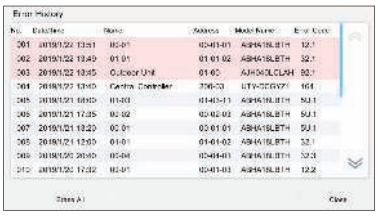

- **Schedule setting timer (Yearly setting)**





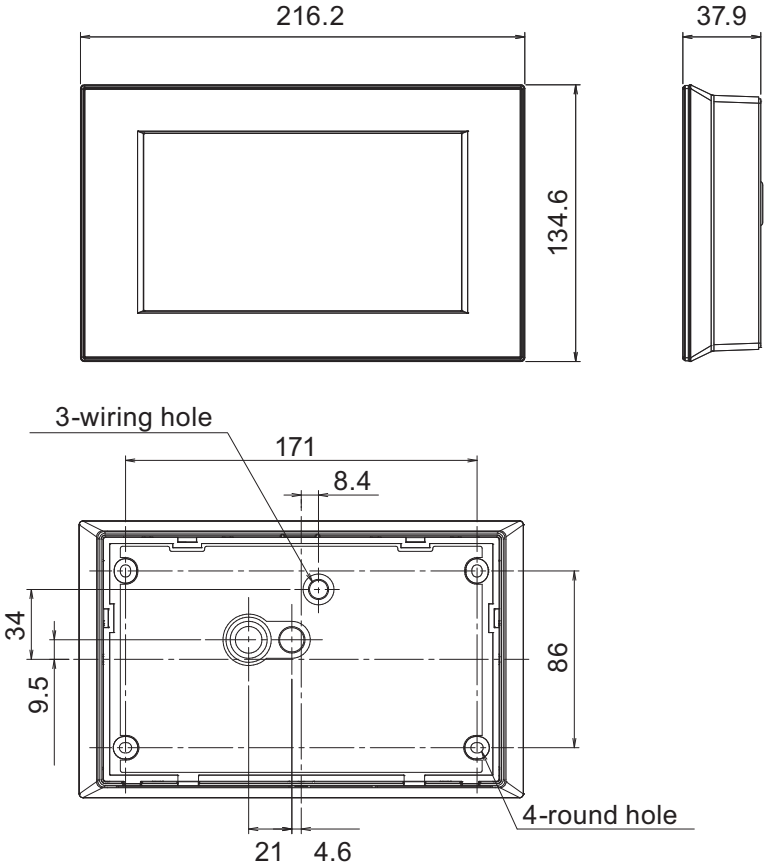
CONTROL SYSTEM

- **Error history**
  - Able to memorize max. 200 errors.
  - Suitable maintenance is possible by analysis of the error history data.



## ■ Dimensions

Unit: mm

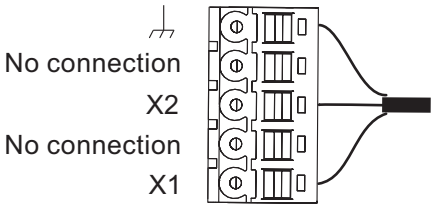




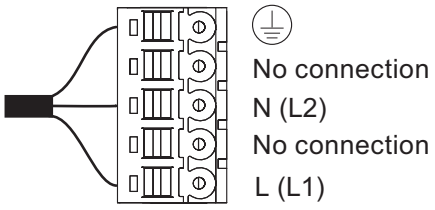
CONTROL SYSTEM

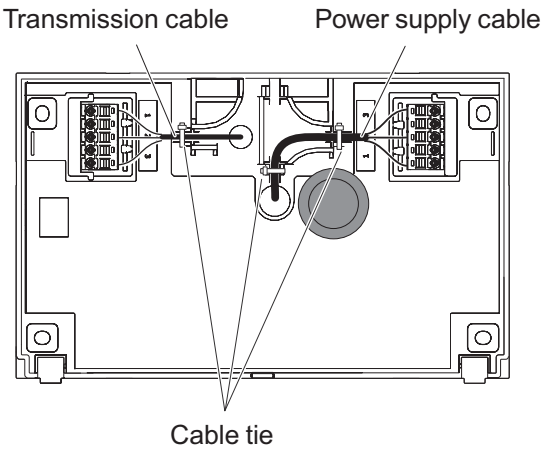
# ■ Terminal names

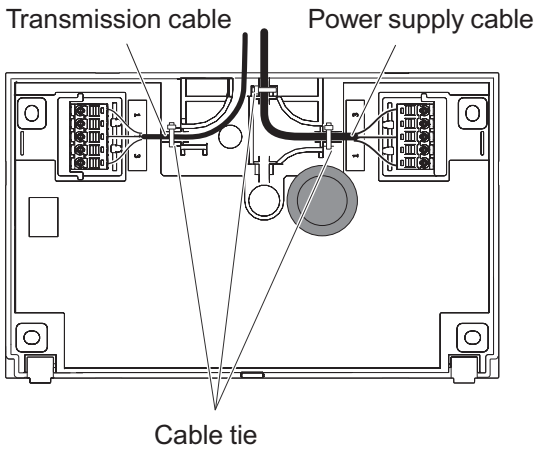
**Transmission line terminal name**




**Power supply line terminal name**



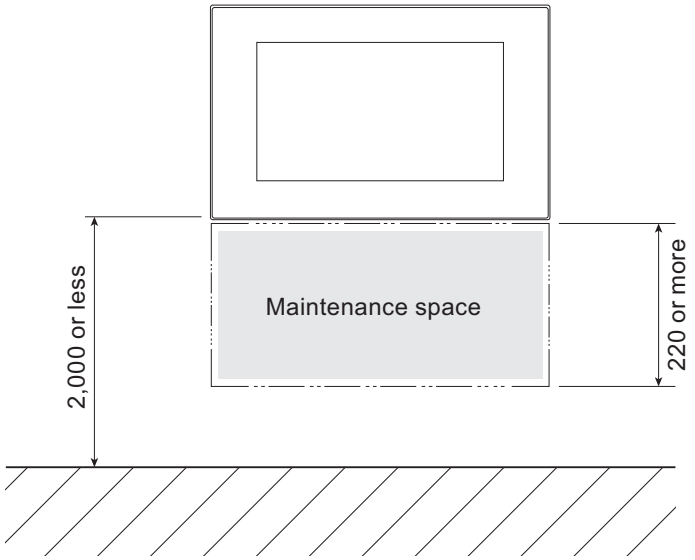




# ■ Installation space

Make a maintenance space to perform installation work.

Unit: mm

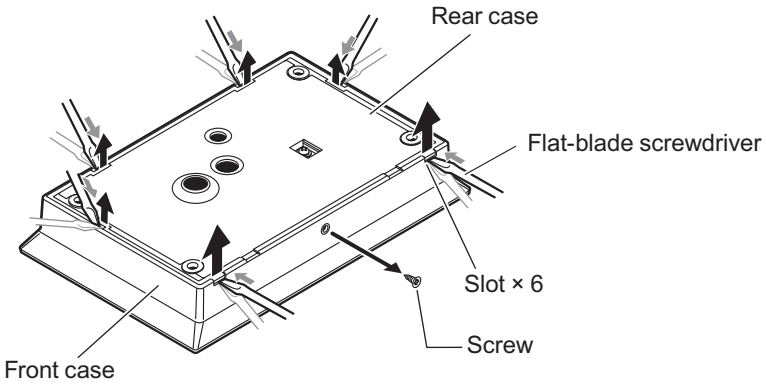


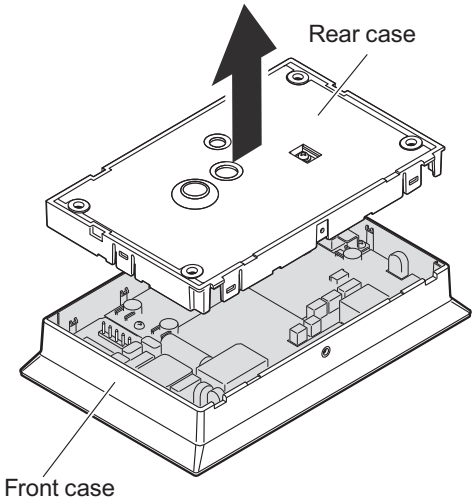



CONTROL SYSTEM

# ■ Installation

1. Separate the rear case from the front case.

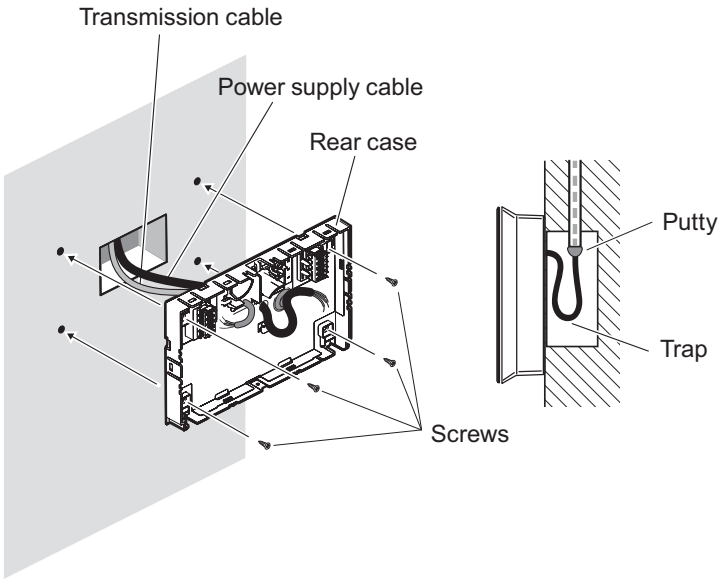


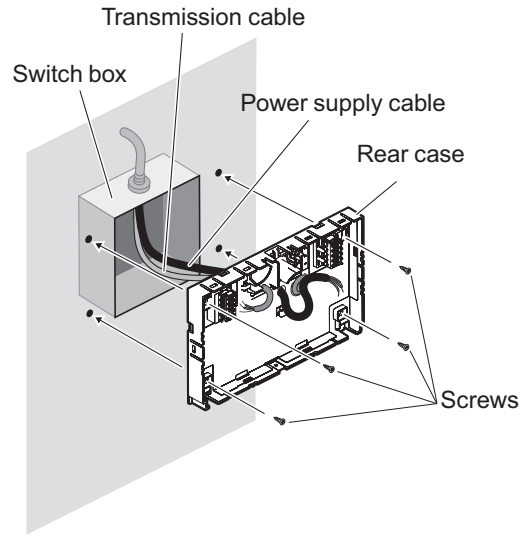



CONTROL SYSTEM

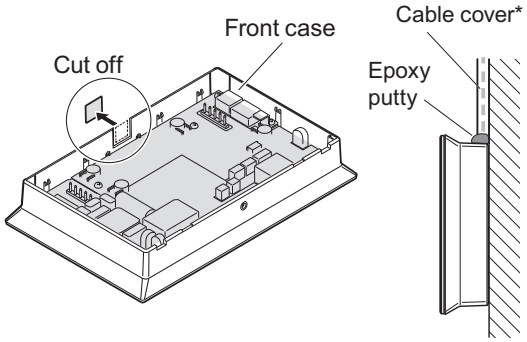
2. Install the rear case.
   - When cable is in the wall:




   - When cable is in the wall (switch box is used):




   - When cable is along the wall:

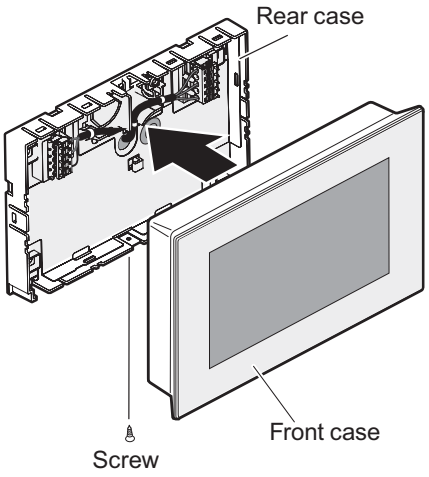



   *: More than 1 mm thick

   **NOTES:**
   - When central remote controller (UTY-DCG∗Z3) is installed at the wall directly, install at a flat wall so that small animals do not enter from the rear side.
   - When central remote controller (UTY-DCG∗Z3) is installed at the wall directly, remove the rubber bush at the rear side.


CONTROL SYSTEM

3. Install the front case to the rear case.




**NOTE:** For details, refer to the installation manual of the central remote controller.


CONTROL SYSTEM

# ■ Specifications

| | | |
|---|---|---|
| Power supply voltage | V | 1 Ø AC 100—240 |
| Power supply frequency | Hz | 50/60 |
| Input power | W | 7 |
| Display | | 7.0-inch TFT color LCD panel (WVGA) |
| LED indicator | | Power LED (Green) |
| External interface | | Transmission line |
| | | External input: Either emergency stop, Group Operation/stop, electricity meter (Either Dry contact or apply voltage can be selected.) |
| | | External output: Operation state, error state |
| | | Wired LAN (100 BASE-TX) |
| Usage temperature range | °C | 0 to 40 |
| Usage humidity range | % | 0 to 85 (no condensation) |
| Storage temperature range | °C | -20 to 70 |
| Storage humidity range | % | 0 to 85 (no condensation) |
| Dimensions (H × W × D) | mm | 134.6 × 216.2 × 37.9 |
| Weight | g | 800 |
| Fuse capacity | A | 5 |



# ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Power supply cable (for stranded wire) | 0.8—1.25 $mm^2$ (18—16 AWG) | 60245 IEC 57 or equivalent | 1 Ø AC 100—240 V 50/60 Hz, 2-wire + ground (Always ground the unit) |
| Power supply cable (for solid wire) | 0.8—2.0 $mm^2$ (18—14 AWG) | — | 1 Ø AC 100—240 V 50/60 Hz, 2-wire + ground (Always ground the unit) |
| Transmission cable | 0.33 $mm^2$ (22 AWG) | LEVEL4 (NEMA) nonpolar 2-core, twisted pair solid core diameter 0.65 mm, shielded type | LonWorks compatible cable |
| External input/output cable | 0.33 $mm^2$ (22 AWG) | Polar 2-core, twisted pair Max cable length: 25 m | Use cable in accordance with local rules for cable. |
| LAN cable | — | Category 5 or more straight cable | 100 BASE-TX support |

CONTROL SYSTEM

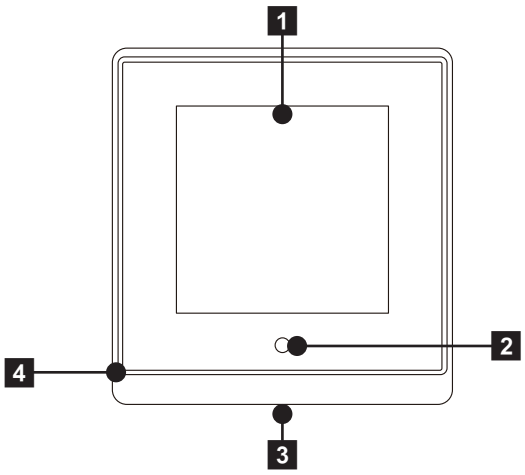
# 2-5. Wired Remote Controller (Touch panel: UTY-RVR∗)

- Easy finger touch operation with LCD panel.
- Screen with anti-fingerprint coating
- Various information display (Room temp., Operation mode, Set temp. Fan speed, Timer)
- Control up to 16 indoor units
- Corresponds to 3 different languages (English, French, Spanish)

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Self-tapping screw | 2 | For installing the remote controller |
| Cable tie | 1 | For binding the controller and remote controller cable |
| Installation manual | 1 | |
| Operation manual | 1 | |

## ■ Overview




**1 Touch screen**

It can be operated by tapping or swiping.

**NOTE:** Operate with your finger or stylus pen (not included). Do not touch the screen with a hard or sharp object as it may cause a malfunction.

**2 Ambient light sensor**

Detects the brightness around the controller.

**3 Operation lamp**

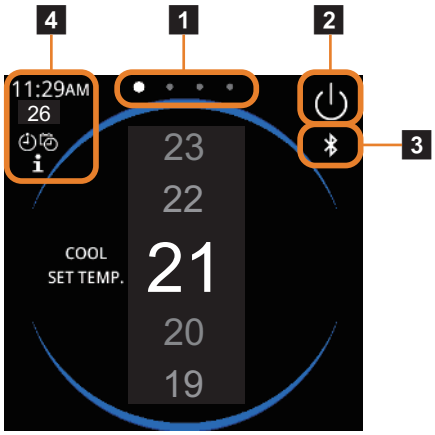
Lights while the indoor units is operating. Blinks when an error occurs.

**4 Remote temperature sensor (inside)**

Detects the temperature around the controller.


CONTROL SYSTEM

## Temperature setting screen




**1 Page indicator**

Shows the oder of pages and displayed page.

**2 Operation On/Off button**

Tap to start operation or stop the air conditioner.

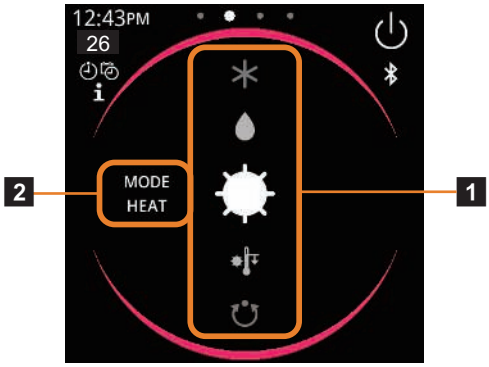
**3 Bluetooth icon**

Displays when Bluetooth is enabled.

**4 Information area**

The displayed contents differ depending on the screen and settings.

## Operation mode setting screen



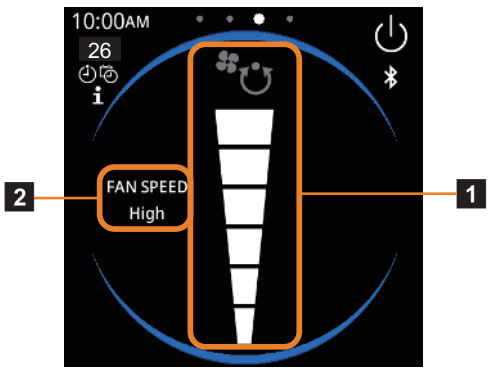

**1 Operation mode setting area**

Swipe up or down to select the operation mode.

**2 Operation mode**

The operation mode of the air conditioner is displayed.

## Fan speed setting screen




**1 Fan speed setting area**

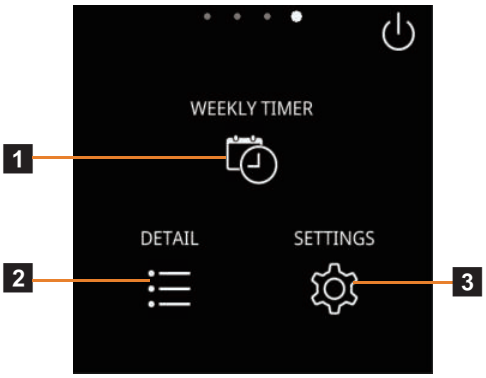
Swipe up or down to set the fan speed.

is AUTO.

**2 Fan speed**

Displays the set fan speed.

## Other setting screen




**1 WEEKLY TIMER**

**2 DETAIL**

For details of the settings, refer to the *OPERATION MANUAL* for this product.

**3 SETTINGS**

For details of the settings, refer to the *OPERATION MANUAL* for this product.

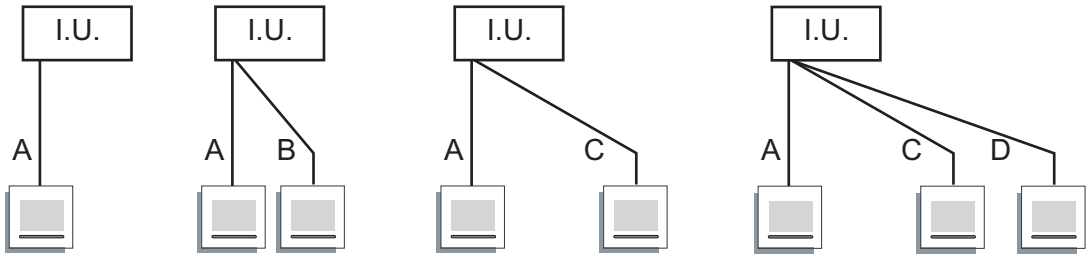
**NOTE:** To display settings screen, it is necessary to enter the admin password.

CONTROL SYSTEM

CONTROL SYSTEM

# ■ System diagrams

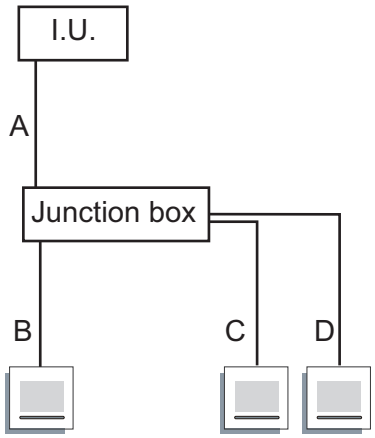
- **Multiple remote control**
  Up to 3 remote controllers can be used to operate the indoor units.




– Remote controller
  - A, B: UTY-RVR∗
  - C, D: Other than UTY-RVR∗ (2-wire type only)

– Remote controller cable
  - A, B, C, D: For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.
  - A, B, C, D ≤ 70 m

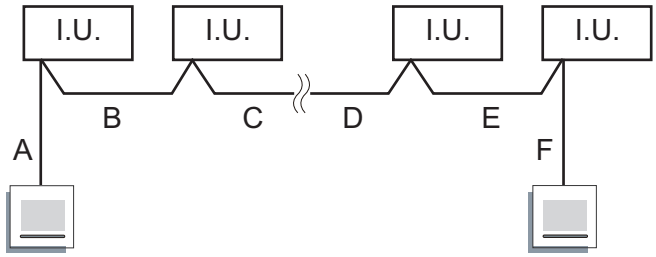
**NOTES:**
- Multiple installation method described above is prohibited to combine with 3-wired type remote controller (UTY-RNK∗, UTY-RHK∗, or UTY-RSK∗) and 2-wired type remote controller (UTY-RNR∗Z∗, UTY-RVR∗, or UTY-RLR∗)
- Use a junction box depending on the number of the connected remote controller, wiring conditions between the indoor unit and the remote controller, and so on.




– Remote controller cable
  A, B, C, D: For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.
  A ≤ 20 m
  A + B ≤ 70 m, A + C ≤ 70 m, A + D ≤ 70 m


CONTROL SYSTEM

- **Group control**
  With remote controllers, up to 16 indoor units can be simultaneously operated.




  – Remote controller
    - A, F: UTY-RVR∗

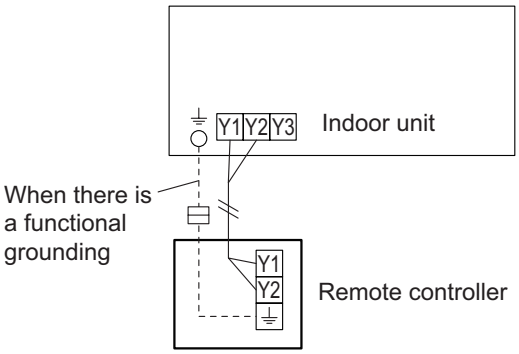
  – Remote controller cable
    - A, B, C, D, E, F: For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.
    - A, F ≤ 70 m, A + B + C + D + E + F ≤ 70 m
    - The requirement (20 m or less) for the remote controller cable length (Junction box—Indoor unit) does not apply to the B, C, D, E cable as the junction boxes are not used in the diagram above.

**NOTES:**
- Crossover wiring using the terminal on the remote controller is prohibited. Use a junction box when crossover wiring is necessary.
- Remote controller cable (Junction box—Indoor unit): 20 m or less

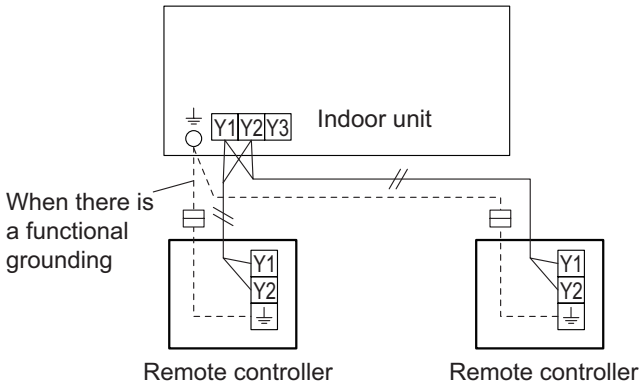

CONTROL SYSTEM

# ■ Electrical wiring

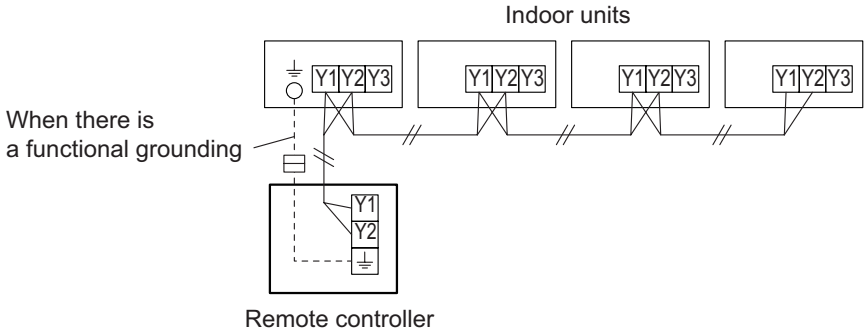
### 1 remote controller:




### 2 remote controllers:




### Group control:

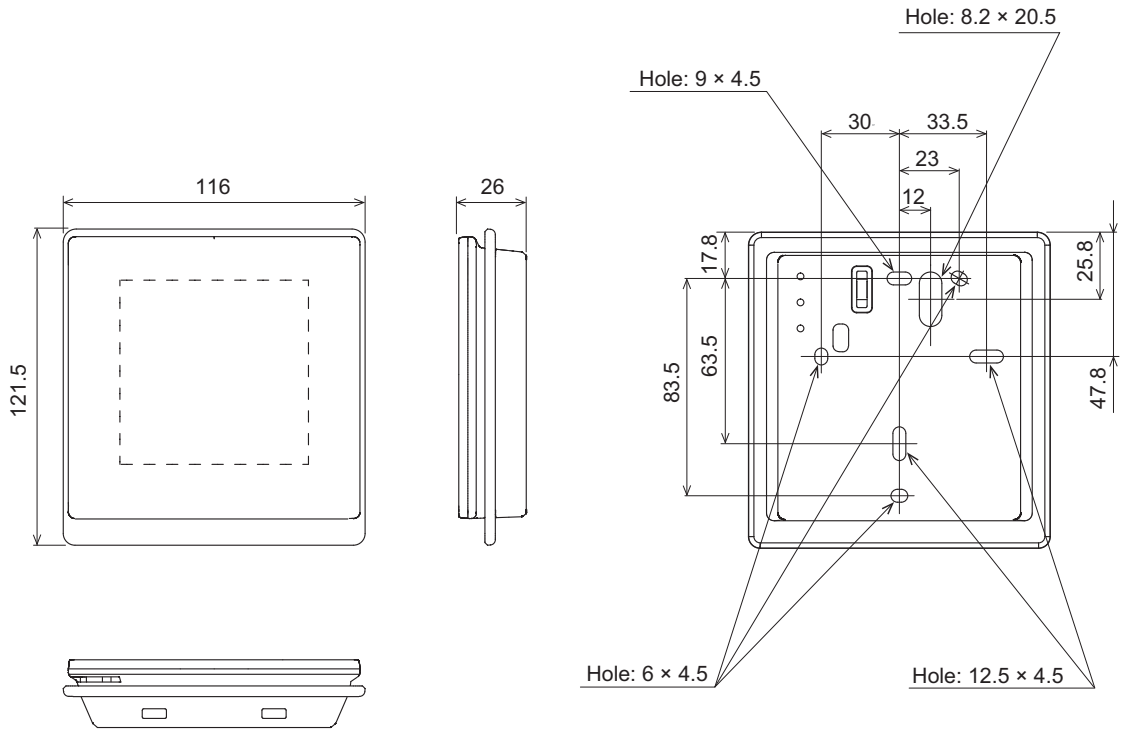





CONTROL SYSTEM

# ■ Dimensions

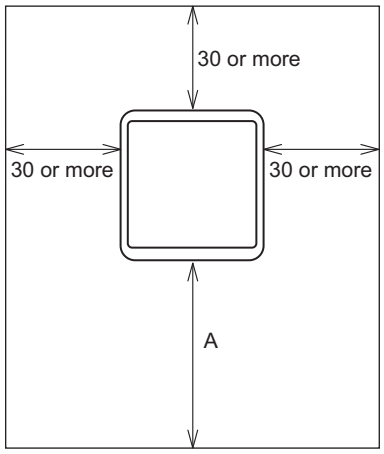
Unit: mm




# ■ Installation space

- This product cannot be installed in a wall.
- Even when you install a remote controller to one of a switch box and the surface of a wall, secure the space shown in following figure. When there is insufficient space, there may be remote controller sensor misdetections and remote controller may be difficult.

Unit: mm



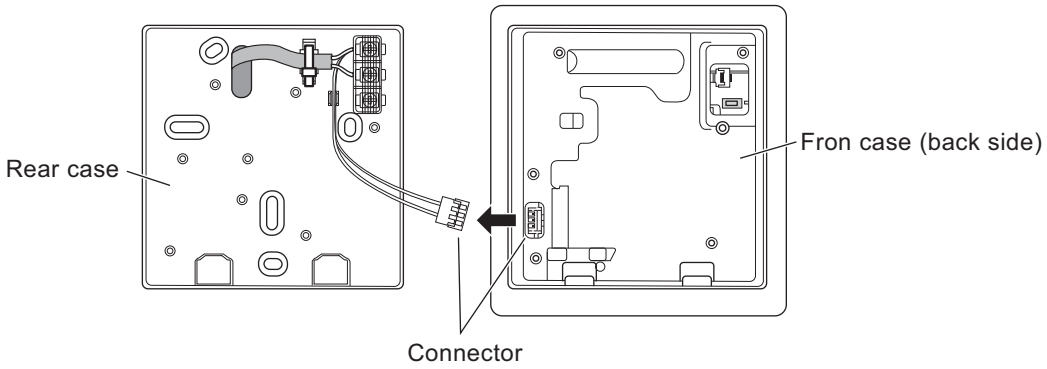

A: Secure enough space where a flat-blade screwdriver to take off a case can be inserted.


CONTROL SYSTEM

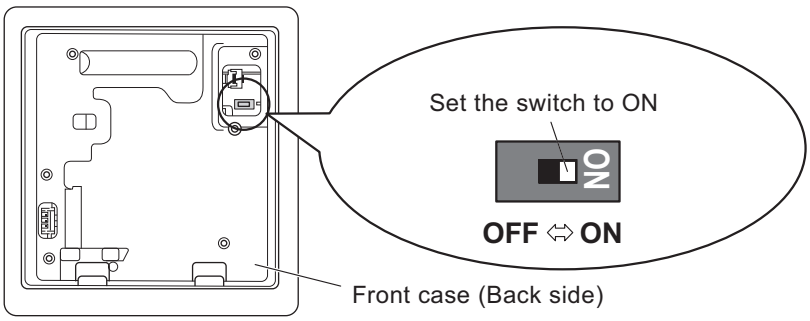
# ■ Installation

For details of installation, refer to the *INSTALLATION MANUAL* for this product.

- **Connector removal**
  Open the front case and remove the connector of the remote controller cable from the connector of the PCB on the front case (back side).




- **Switch setting**



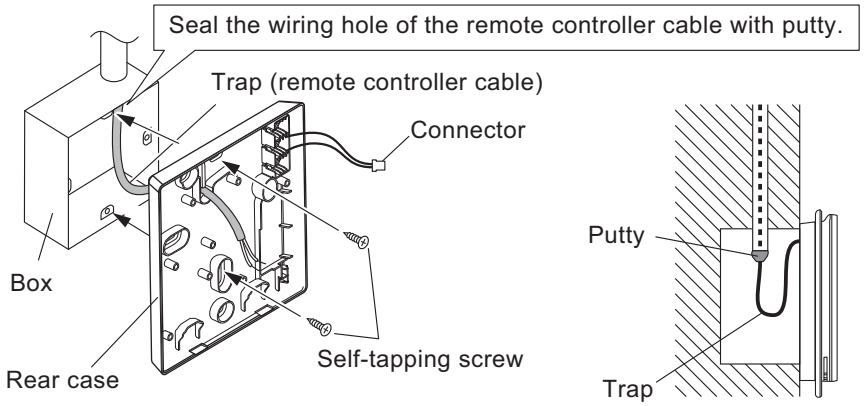

The switch performs the enabling/disabling of the backup function by the internal battery.
Before using this product, always set the switch to ON.

**NOTES:**

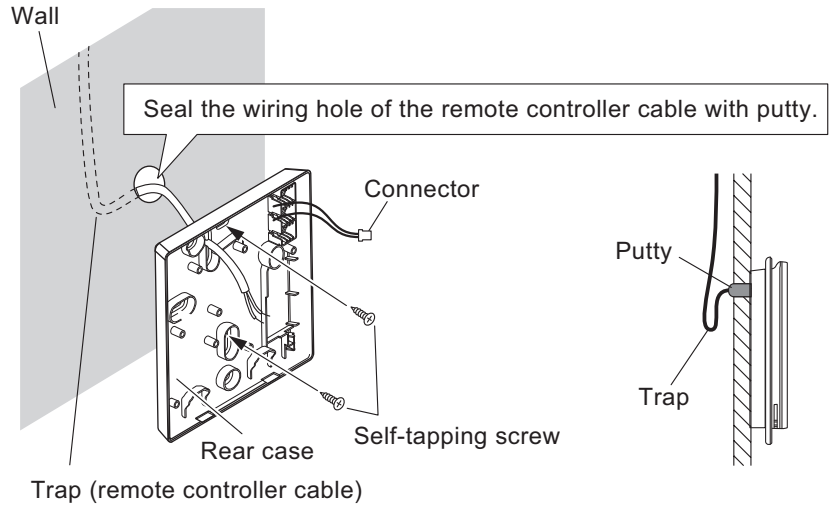
- When the power is turned on without setting the switch to ON, the set data by menu operation is erased and cause erroneous operation.
- The switch is set to OFF when shipped from the factory to prevent consumption of the charge.


CONTROL SYSTEM

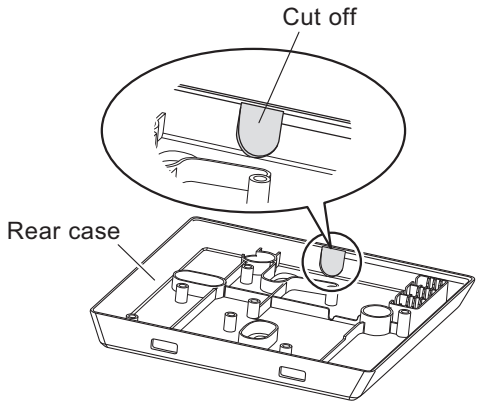
- **Rear case installation**
  - **When attaching to switch box:**

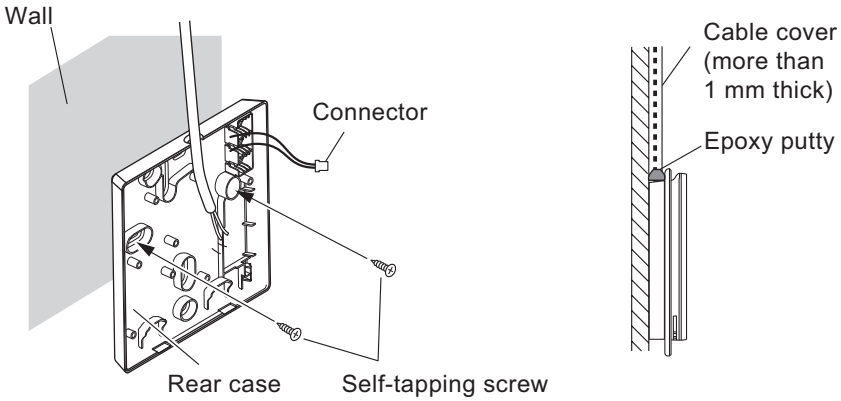



  - **When attaching to the wall directly:**




  - **When routing the cable on-wall:**

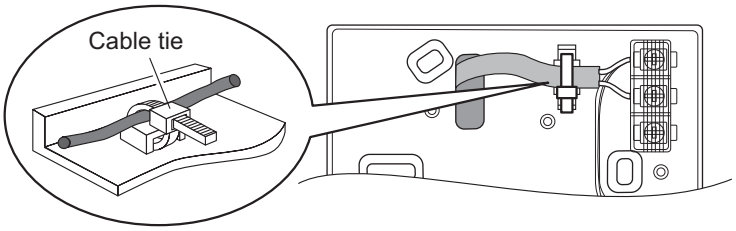


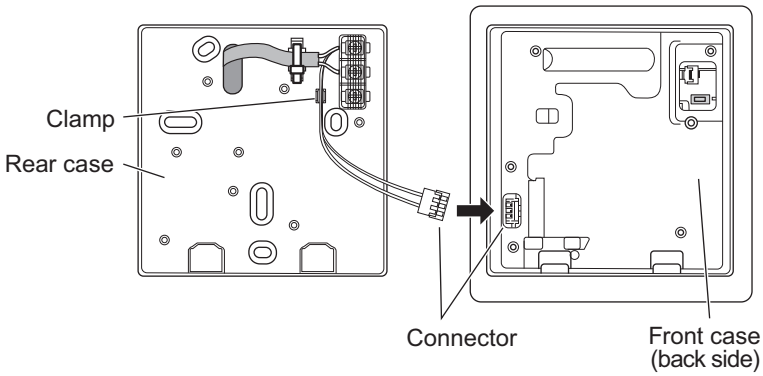


CONTROL SYSTEM

- **Remote controller cable connection**
  - Fasten the outside covering of the connection cable with the cable tie.




  - Connect the connector of the remote controller cable to the connector of the PCB on the front case (back side).




**⚠ CAUTION**

- Strip length must be specified dimension.
- Insert the cable deeply into the terminal.
- After the cable is inserted, check that the cable is not pulled out.
- Select a flexible cable that does not break the cable sheath even if you bind it with a cable tie around the cable sheath.
- Be careful to avoid breaking the cable by over-tightening the cable tie.


CONTROL SYSTEM

# ■ Specifications

| | | |
|---|---|---|
| Input voltage | V | DC 12 |
| Power consumption | W | Max. 1.0 |
| Display | | 4-inch TFT LCD (480 × 480 pixels) with touch screen |
| Usage temperature range | °C | 0 to 40 |
| Usage humidity range | % | 20 to 90 (no condensation) |
| Storage temperature range | °C | -10 to 60 |
| Storage humidity range | % | 20 to 90 (no condensation) |
| Dimensions (H × W × D) | mm | 121.5 × 116 × 26 |
| Weight | g | 225 |

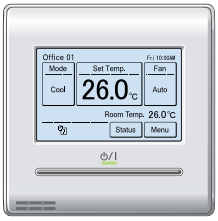
## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 to 1.25 $mm^2$ (22 to 16 AWG) | Non polar 2-core | Use sheathed twist pair cable.* |

*: Use shielded cable (locally purchased) in accordance with the regional cable standard.


CONTROL SYSTEM

# 2-6. Wired Remote Controller (Touch panel: UTY-RNR∗Z∗)

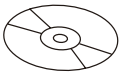



- Easy finger touch operation with LCD panel.
- Built-in Weekly/Daily time (On/Off, Temp., Mode)
- The backlit LCD enables easy operation in a dark room.
- Room temperature display
- Control up to 16 indoor units
- Corresponds to 12 different languages (English, Chinese*, French, German, Spanish, Russian, Polish, Italian, Portuguese, Greek*, Turkish, and Dutch*)

*: Following languages are not available for version 5 or later:

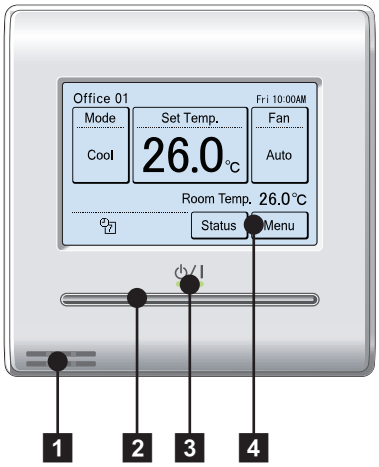
- Chinese
- Greek and Dutch (North America only)

## ■ Accessory

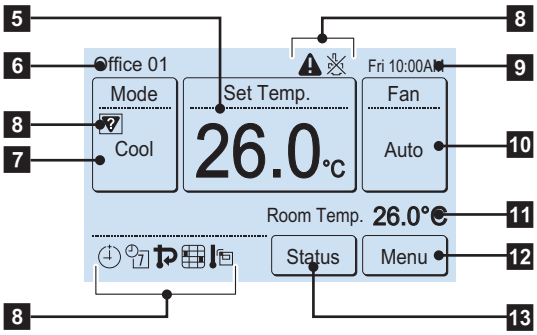
| Name and shape | Q'ty | Application |
|---|---|---|
|  CD-ROM | 1 | |
| Screw | 2 | For installing the remote controller |
| Cable tie | 1 | For remote controller and remote controller cable binding |
| Installation manual | 1 | |
| Operation manual | 1 | |


CONTROL SYSTEM

# ■ Overview




Display panel




**1 Remote temperature sensor (inside)**

**2 On/off button**

Operable only while displaying the “Monitor mode” screen.

**3 LED lamp (operation indicator)**

**4 Touch panel display**

**5 Set temperature**

Operating temperature can be set.

**6 Remote controller group name**

**7 Mode**

Operation mode can be set.

**8 Status icons**

**9 Clock**

**10 Fan**

Fan speed can be set.

**11 Room temperature**

**12 Menu**

Various settings can be set.

**13 Status**

Status of the indoor unit and error can be checked.

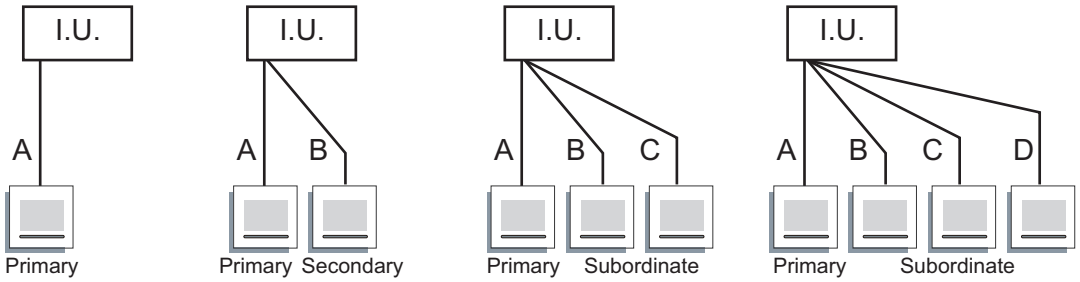
**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.



CONTROL SYSTEM

# ■ System diagrams

- **Multiple remote control**
  Up to 4 remote controllers can be used to operate the indoor units.

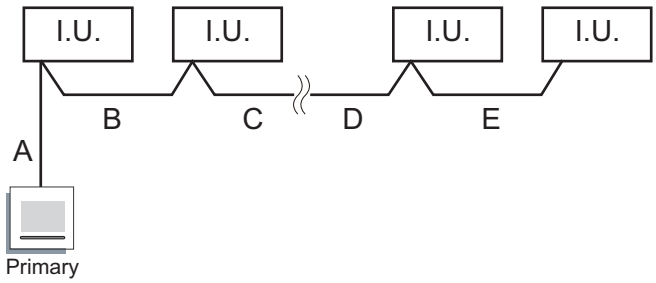



A, B, C, D: Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)

A ≤ 500 m, A + B ≤ 500 m, A + B + C ≤ 500 m, A + B + C + D ≤ 500 m

**NOTE:** Multiple installation method described above is prohibited to combine with 3-wired type remote controller (UTY-RNK∗, UTY-RHK∗, or UTY-RSK∗) and 2-wired type remote controller (UTY-RNR∗Z∗, UTY-RVR∗, or UTY-RLR∗)

- **Group control**
  With a single remote controller, up to 16 indoor units can be simultaneously operated.



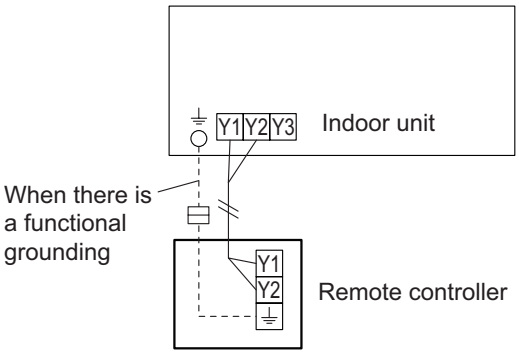

A, B, C, D, E: Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)

A + B + C + D + E ≤ 500 m

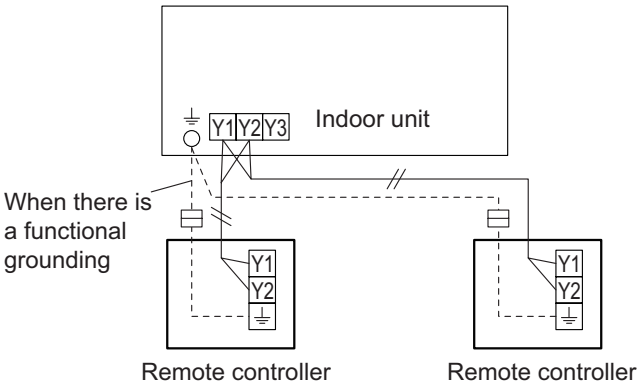

CONTROL SYSTEM

# ■ Electrical wiring

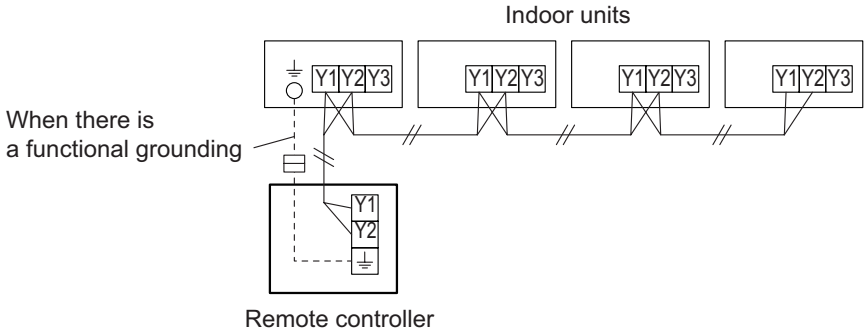
**1 remote controller:**




**2 remote controllers:**



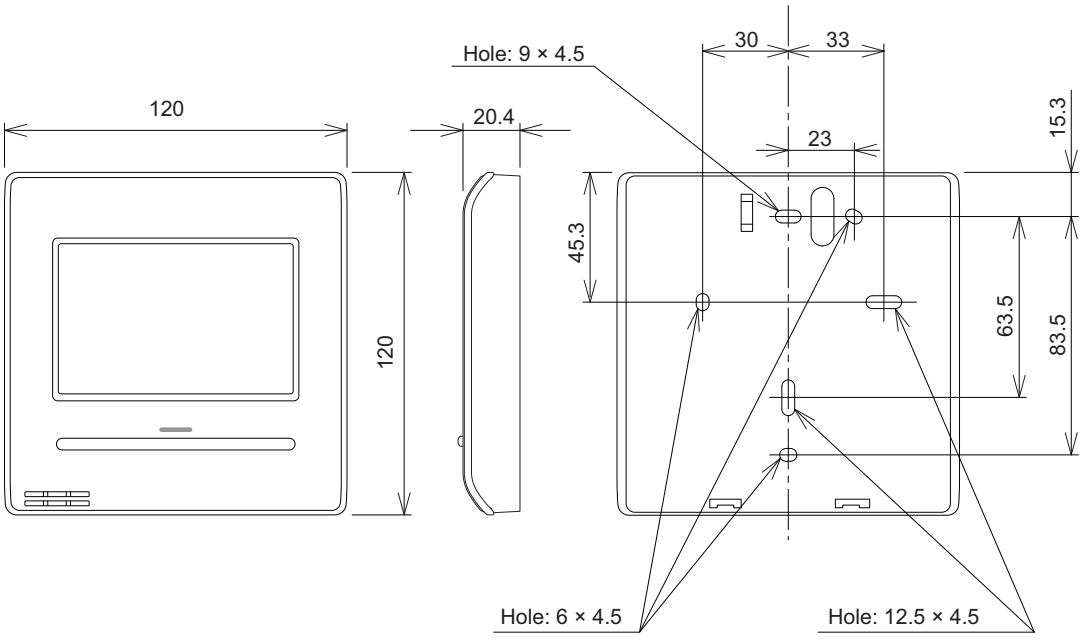

**Group control:**




CONTROL SYSTEM

# ■ Dimensions

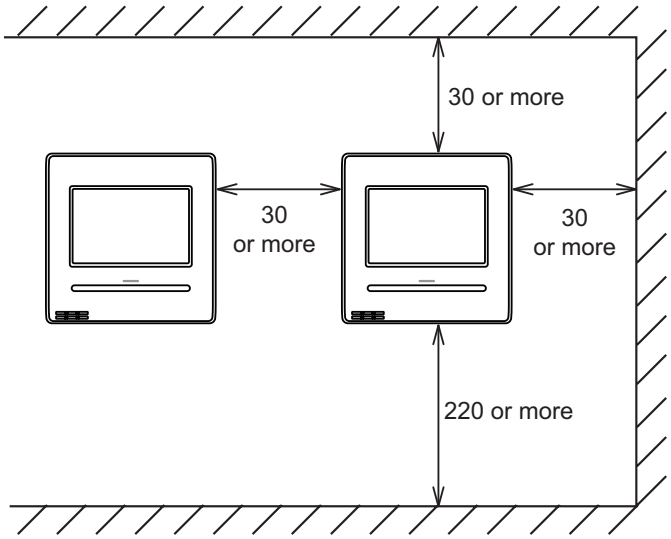
Unit: mm



# ■ Installation space

- This product cannot be installed in wall.
- Recommendation installation height of the remote controller is from the floor surface to the bottom of the remote controller.
- Even when you install a remote controller to one of a switch box and the surface of a wall, secure the space shown in following figure. If spaces run short, it will become difficult to remove a remote controller.

Unit: mm




Secure enough space where a flat-blade screwdriver to take off a case can be inserted.



CONTROL SYSTEM

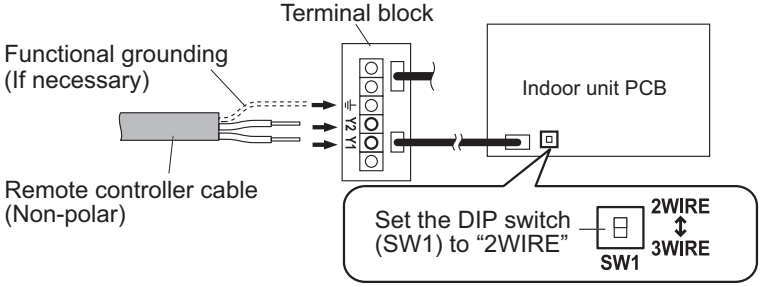
# ■ Installation

- **Connection pattern**

**NOTE:** Connection pattern is different according to type of Indoor unit.

| Indoor unit type | Connection pattern |
|---|---|
| All cassette type | Pattern A |
| All duct type | Pattern A |
| All floor type | Pattern A |
| Floor/Ceiling type | Pattern A |
| All ceiling type | Pattern A |
| All wall mounted type | Pattern B |

- **Pattern A**
  1. Connect the end of remote controller cable directly to the exclusive terminal block.
  2. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.

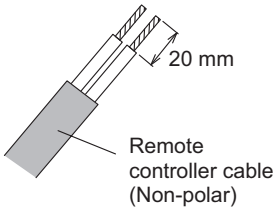



**NOTES:**

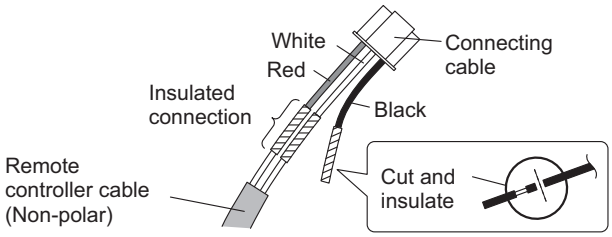
- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

- **Pattern B**

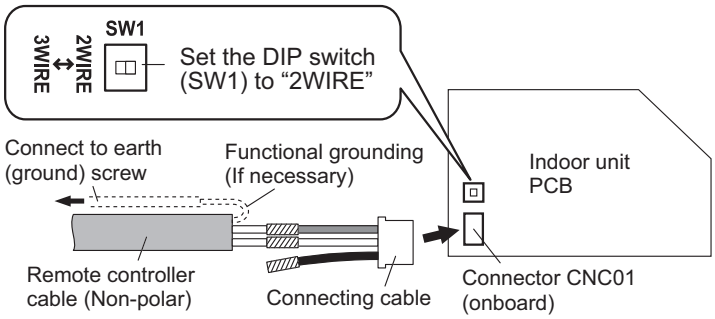
1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



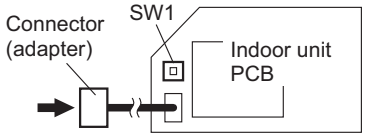

2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.




**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.





CONTROL SYSTEM

# ■ Specifications

| | | |
|---|---|---|
| Input voltage | V | DC 12 |
| Power consumption | W | Max. 0.3 |
| Display | | 3.8-inch FSTN LCD (255 × 160 dots) with touch panel |
| Usage temperature range | °C | 0 to 40 |
| Usage humidity range | % | 20 to 90 (no condensation) |
| Storage temperature range | °C | -10 to 60 |
| Storage humidity range | % | 20 to 90 (no condensation) |
| Dimensions (H × W × D) | mm | 120 × 120 × 20.4 |
| Weight | g | 220 |

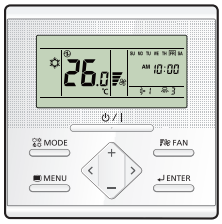
## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 to 1.25 $mm^2$ (22 to 16 AWG) | Non polar 2-core | Use sheathed twist pair cable.* |

*: Use shielded cable (locally purchased) in accordance with the regional cable standard.

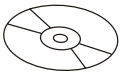

CONTROL SYSTEM

# 2-7. Wired Remote Controller (UTY-RLR∗)



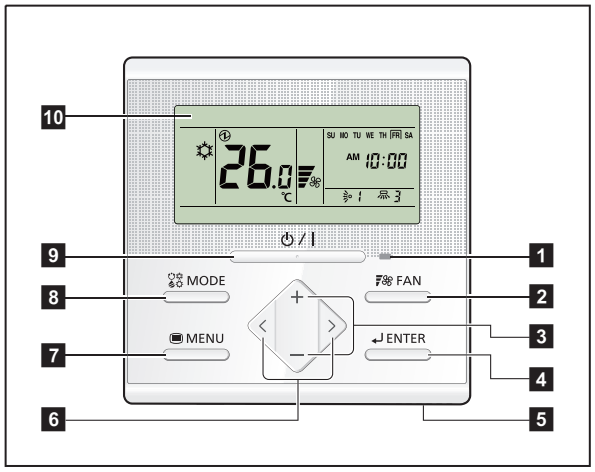

- Various time setup available (ON/OFF/WEEKLY)
- Equipped with weekly timer as standard function (Start/Stop function is twice per day for a week.)
- When setting up a time, start/stop, and the temperature setup can be changed.
- When a failure occurs, the error code is displayed.
- Error history (Last 16 error code can be accessed.)
- Up to 16 indoor units can be simultaneously controlled.
- The room temperature can be controlled by detecting the temperature accurately with thermo sensor.

## ■ Accessory

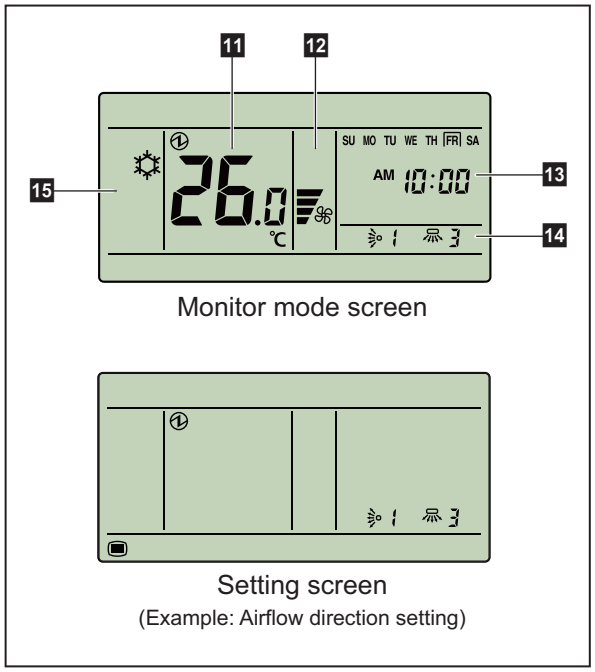
| Name and shape | Q'ty | Application |
|---|---|---|
|  CD-ROM | 1 | |
| Screw | 2 | For installing the remote controller |
| Cable tie | 1 | For remote controller and remote controller cable binding |
| Installation manual | 1 | |
| Operation manual | 1 | |


CONTROL SYSTEM

# ■ Overview




Display panel




Monitor mode screen



Setting screen

(Example: Airflow direction setting)

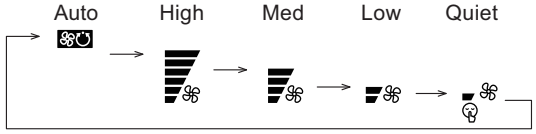
**NOTE:** For individual icons in Setting screen and related functions, refer to the operation manual.

### 1 LED lamp (Operation indicator)

Lights while the indoor unit is operating. Blinks when an error occurred.

### 2 FAN button

Each time the button is pressed, fan speed switches as follows:




### 3 +, - buttons (Set temperature buttons)

Used to adjust temperature in Monitor mode screen.
+ button: Raise
- button: Lower
In Setting screen, used to select the setting items.
**NOTE:** When the operation mode is set to FAN, the temperature cannot be adjusted.

### 4 ENTER button

Used to enter setting items and settings.

### 5 Room temperature sensor (inside)

Senses ambient temperature of unit.

### 6 <, > buttons

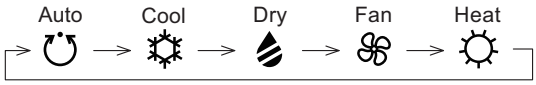
Used to select setting items during the setting item selection screen is displayed.

### 7 MENU button

Used to display the setting item selection screen.

### 8 MODE button

Each time the button is pressed, operation mode switches as follows:




### 9 On/Off button

Starts or stops the operation.
**NOTE:** On/Off button cannot be operated at screens other than the Monitor mode screen.

### 10 Display panel

Displays Monitor mode screen or Setting screen.
Monitor mode screen is home screen of this controller, and the basic operation is performed in this screen.
In Setting screen, several settings are adjustable.

### 11 Temperature indicator

### 12 Fan speed indicator

### 13 Clock indicator

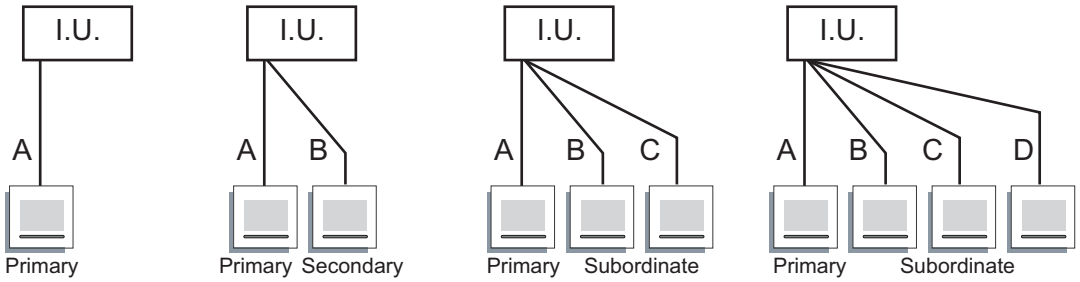
### 14 Airflow direction indicator

### 15 Operation mode indicator


CONTROL SYSTEM

# ■ System diagrams

- **Multiple remote control**
  Up to 4 remote controllers can be used to operate the indoor units.

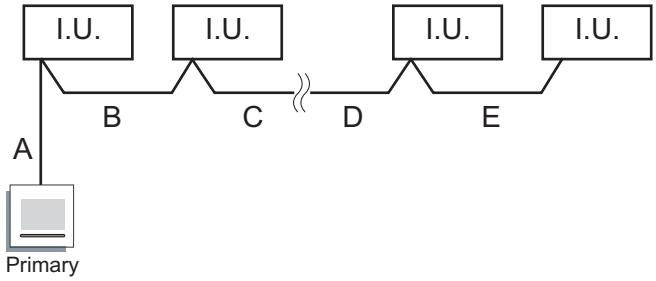



A, B, C, D: Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)

A ≤ 500 m, A + B ≤ 500 m, A + B + C ≤ 500 m, A + B + C + D ≤ 500 m

**NOTE:** Multiple installation method described above is prohibited to combine with 3-wired type remote controller (UTY-RNK∗, UTY-RHK∗, or UTY-RSK∗) and 2-wired type remote controller (UTY-RNR∗Z∗, UTY-RVR∗, or UTY-RLR∗)

- **Group control**
  With a single remote controller, up to 16 indoor units can be simultaneously operated.



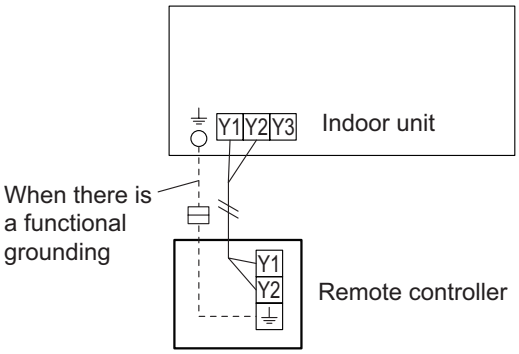

A, B, C, D, E: Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)

A + B + C + D + E ≤ 500 m

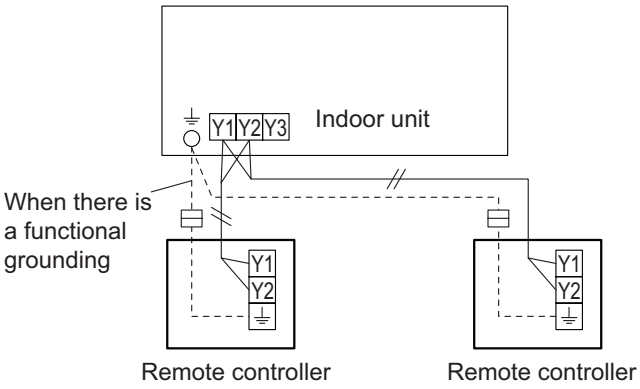

CONTROL SYSTEM

# ■ Electrical wiring

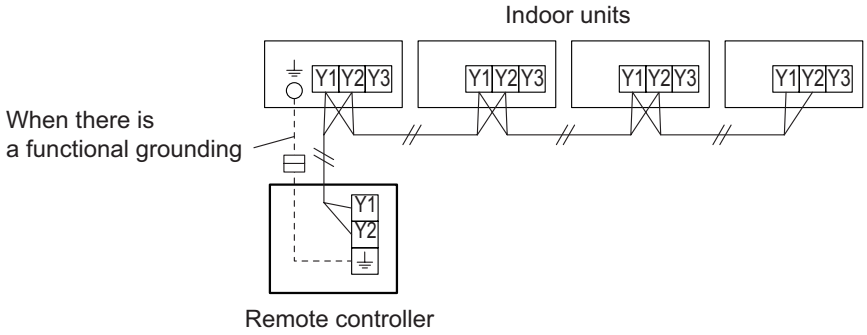
**1 remote controller:**




**2 remote controllers:**




**Group control:**

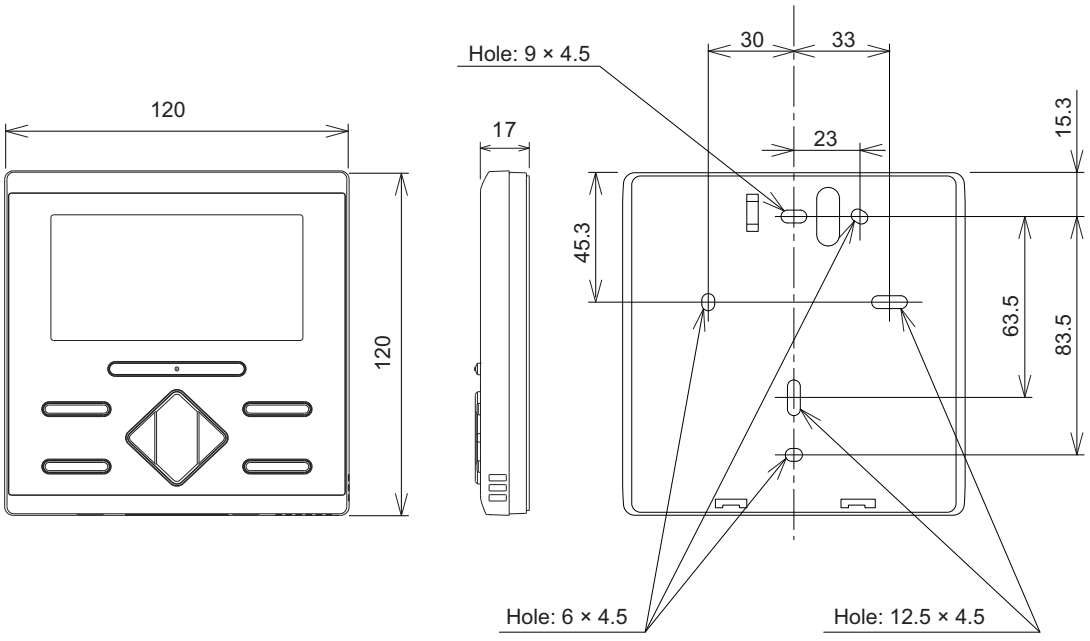





CONTROL SYSTEM

# ■ Dimensions

Unit: mm



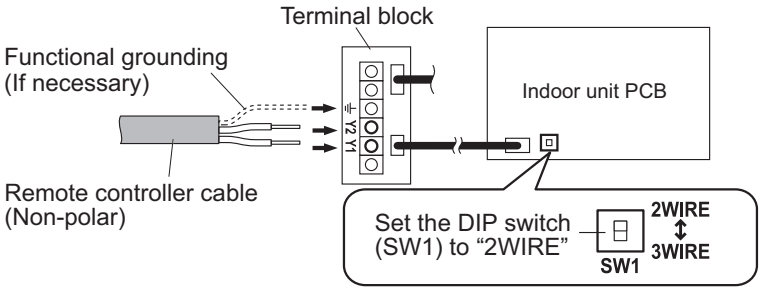
# ■ Installation

- **Connection pattern**

**NOTE:** Connection pattern is different according to type of Indoor unit.

| Indoor unit type | Connection pattern |
|---|---|
| All cassette type | Pattern A |
| All duct type | Pattern A |
| All floor type | Pattern A |
| Floor/Ceiling type | Pattern A |
| All ceiling type | Pattern A |
| All wall mounted type | Pattern B |

- **Pattern A**
  1. Connect the end of remote controller cable directly to the exclusive terminal block.
  2. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.

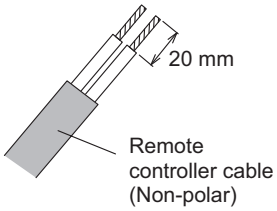



**NOTES:**
- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

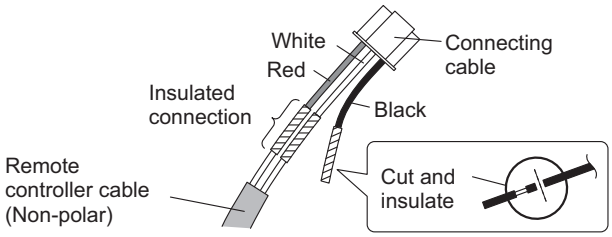

CONTROL SYSTEM

- **Pattern B**

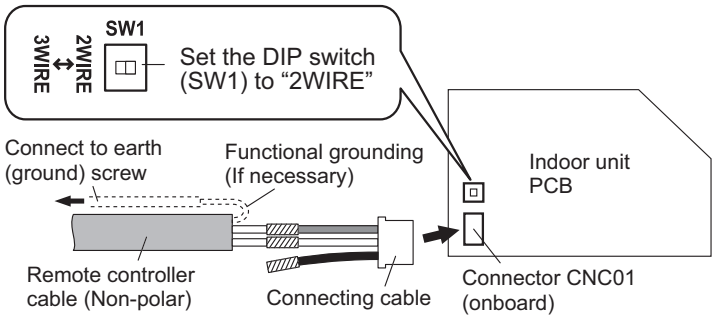
1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



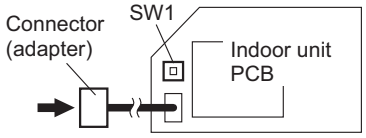

2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.




**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.




# ■ Specifications

| | | |
|---|---|---|
| Input voltage | V | DC 12 |
| Power consumption | W | Max. 0.23 |
| Usage temperature range | °C | 0 to 46 |
| Usage humidity range | % | 0 to 90 (no condensation) |
| Storage temperature range | °C | -20 to 70 |
| Storage humidity range | % | 0 to 90 (no condensation) |
| Dimensions (H × W × D) | mm | 120 × 120 × 17 |
| Weight | g | 170 |

## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 to 1.25 $mm^2$ (22 to 16 AWG) | Non polar 2-core | Use sheathed twist pair cable.* |

*: Use shielded cable (locally purchased) in accordance with the regional cable standard.

# 2-8. Wired Remote Controller (UTY-RCR∗Z1)

- UTY-RCR∗Z1 is compatible with comfort airflow function for 3D flow cassette type.
- Various OFF timer setup are possible.
- When a failure occurs, the error code is displayed.
- The room temperature can be controlled by detecting the temperature accurately with thermo sensor.
- Built-in IR receiver.

## ■ Accessory

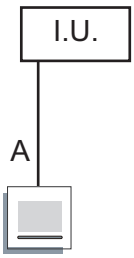
| Name and shape | Q'ty | Application |
|---|---|---|
| Screw | 2 | For installing the remote controller |
| Cable tie | 1 | For remote controller and remote controller cable binding |
| Installation manual | 1 | |
| Operation manual | 1 | |



CONTROL SYSTEM

# ■ System diagrams

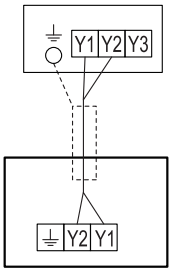
- **Single remote control**




Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)

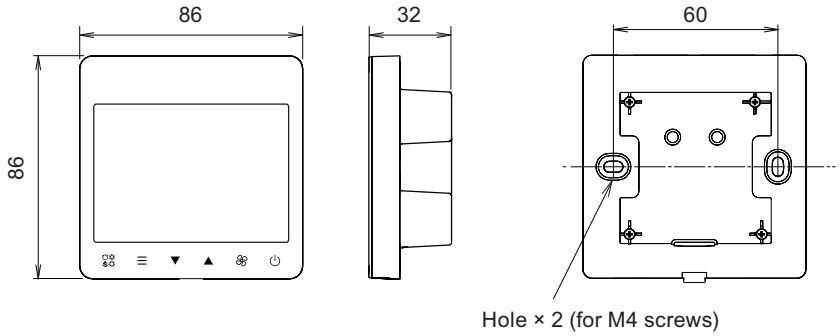
A ≤ 500 m

# ■ Electrical wiring




# ■ Dimensions

Unit: mm






CONTROL SYSTEM

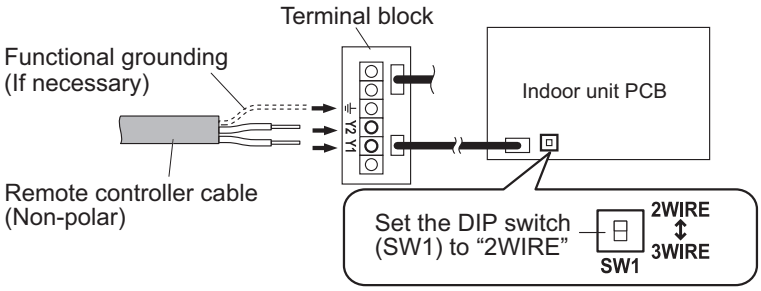
# ■ Installation

- **Connection pattern**

**NOTE:** Connection pattern is different according to type of Indoor unit.

| Indoor unit type | Connection pattern |
|---|---|
| All cassette type | Pattern A |
| All duct type | Pattern A |
| All floor type | Pattern A |
| Floor/Ceiling type | Pattern A |
| All ceiling type | Pattern A |
| All wall mounted type | Pattern B |

- **Pattern A**
  1. Connect the end of remote controller cable directly to the exclusive terminal block.
  2. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.

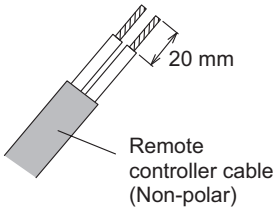



**NOTES:**
- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

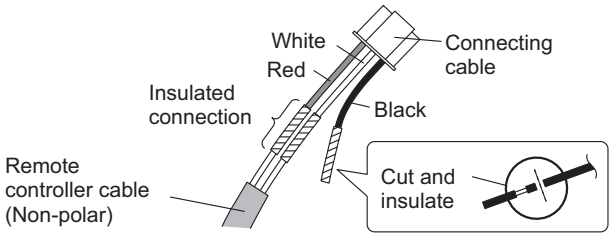

CONTROL SYSTEM

- **Pattern B**

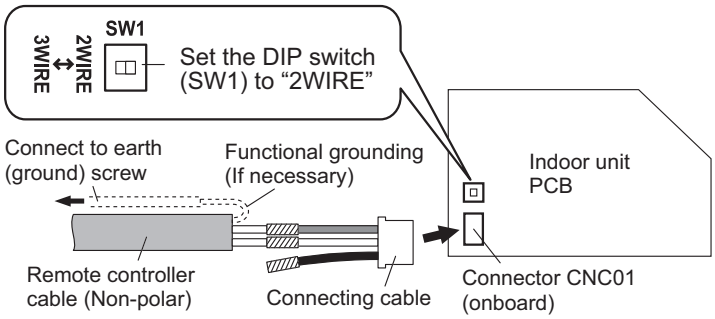
1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



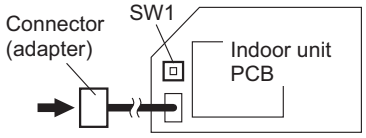

2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.




**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.




# ■ Specifications

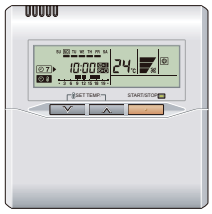
| | | |
|---|---|---|
| Input voltage | V | DC 12 |
| Power consumption | W | Maximum 0.6 |
| Usage temperature range | °C | 0 to 46 |
| Usage humidity range | % | 0 to 90 (no condensation) |
| Storage temperature range | °C | -20 to 70 |
| Storage humidity range | % | 0 to 90 (no condensation) |
| Dimensions (H × W × D) | mm | 86 × 86 × 32 |
| Weight | g | 135 |

## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 to 1.25 $mm^2$ (22 to 16 AWG) | Non polar 2-core | Use sheathed twist pair cable.* |

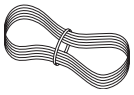
*: Use shielded cable (locally purchased) in accordance with the regional cable standard.

# 2-9. Wired Remote Controller (UTY-RNK∗)



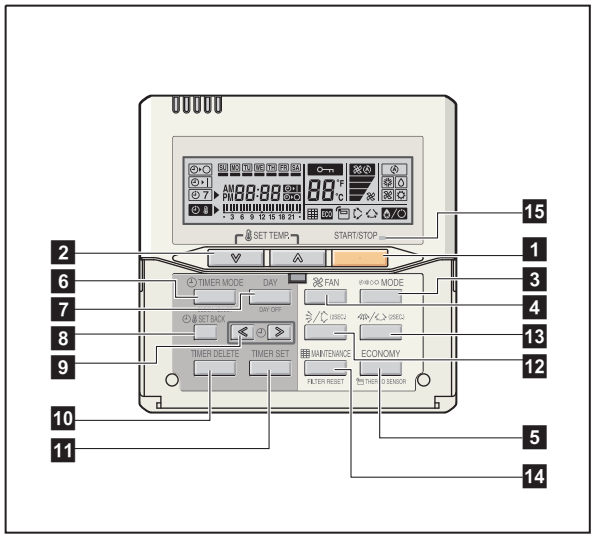
- Various time setup available (ON/OFF/WEEKLY)
- Equipped with weekly timer as standard function (Start/Stop function is twice per day for a week.)
- When setting up a time, start/stop, and the temperature setup can be changed.
- When a failure occurs, the error code is displayed.
- Error history (Last 16 error code can be accessed.)
- Up to 16 indoor units can be simultaneously controlled.
- The room temperature can be controlled by detecting the temperature accurately with thermo sensor.

## ■ Accessory

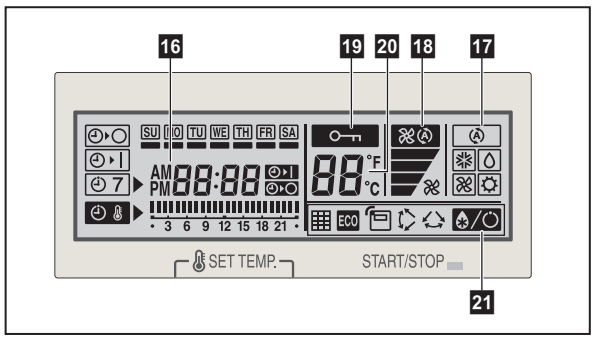
| Name and shape | Q'ty | Application |
|---|---|---|
|  Remote controller cable | 10 m | For connecting the remote controller |
| Screw | 2 | For installing the remote controller |
| Cable tie | 1 | For remote controller and remote controller cable binding |
| Installation manual | 1 | |
| Operation manual | 1 | |


CONTROL SYSTEM

# ■ Overview




Display panel




**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

**1 START/STOP button**
Starts and stops operation.

**2 SET TEMP. button**
Selects the setting temperature.

**3 MODE button**
Selects the operating mode (AUTO, HEAT, FAN, COOL, and DRY ).

**4 FAN button**
Selects the fan speed AUTO ,QUIET , LOW , MED , and HIGH ).

**5 ECONOMY (THERMO SENSOR) button**
Turns the economy-efficient mode on and off.

**6 TIMER MODE (CLOCK ADJUST) button**
Selects the timer mode (off timer, on timer, and weekly timer). Sets the current time.

**7 DAY (DAY OFF) button**
Temporarily cancels one day timer.

**8 SET BACK button**
Selects the set back timer.

**9 Set time button**
Pressed to set time.

**10 TIMER DELETE button**
Deletes the weekly timer schedule.

**11 TIMER SET button**
Sets the date, hour, minute, and on-off time.

**12 Vertical airflow direction and swing button**
Push for 2 seconds to change the swing mode.

**13 Horizontal airflow direction and swing button**
Push for 2 seconds to change the swing mode.

**14 FILTER RESET button**

**15 Operation lamp**
Lights during operation and when the timer is on.

**16 Timer and clock indicator**

**17 Operation mode indicator**

**18 Fan speed indicator**

**19 Operation lock indicator**

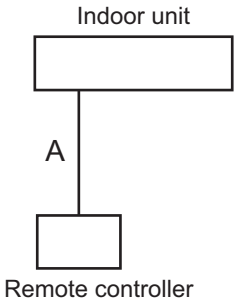
**20 Temperature indicator**

**21 Function indicators**
- Defrost indicator
- Thermo sensor indicator
- ECO Economy indicator
- Vertical swing indicator
- Horizontal swing indicator
- Filter indicator

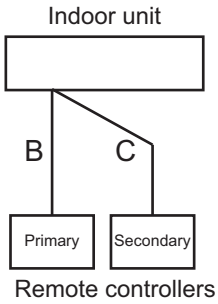

CONTROL SYSTEM

# ■ System diagram

**1 remote controller:**



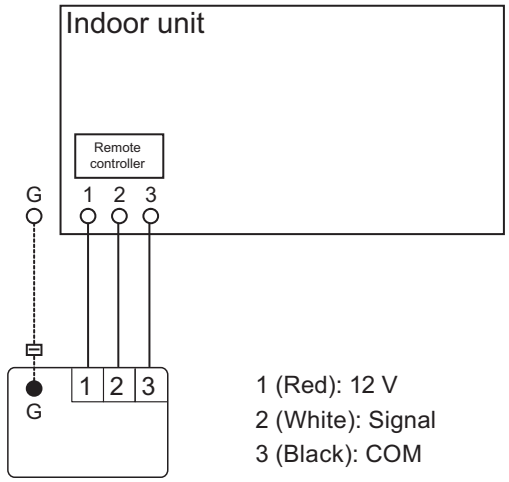

**2 remote controllers:**




A, B, C: Remote controller cable
A ≤ 500 m;B + C ≤ 500 m

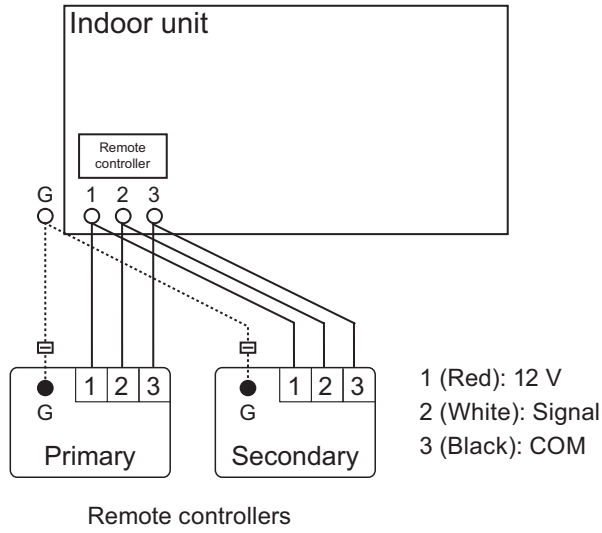
# ■ Electrical wiring

**1 remote controller:**




1 (Red): 12 V
2 (White): Signal
3 (Black): COM

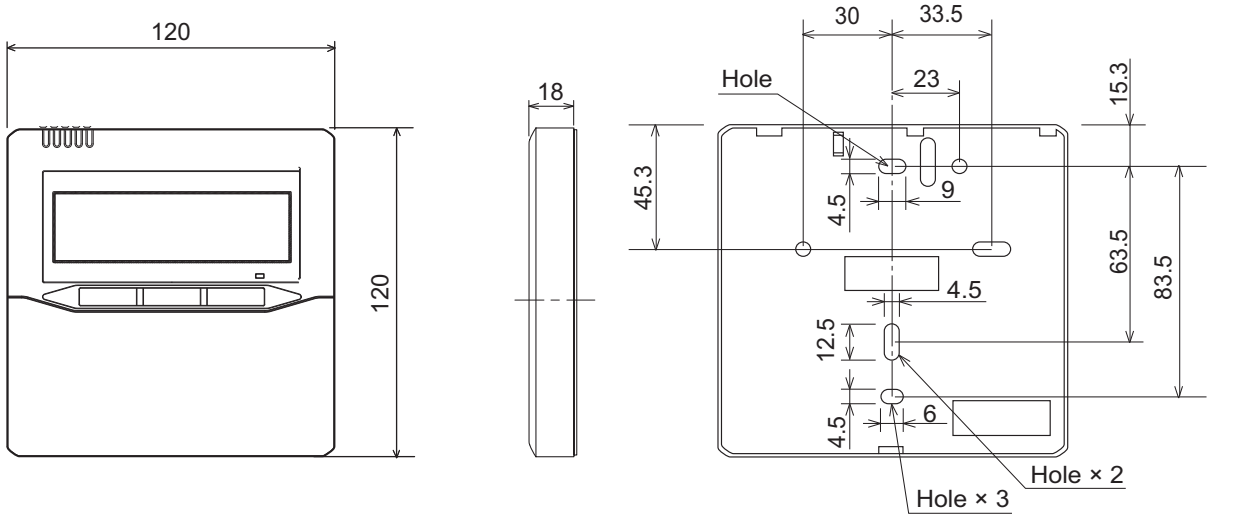
**2 remote controllers:**




1 (Red): 12 V
2 (White): Signal
3 (Black): COM

# ■ Dimensions

Unit: mm



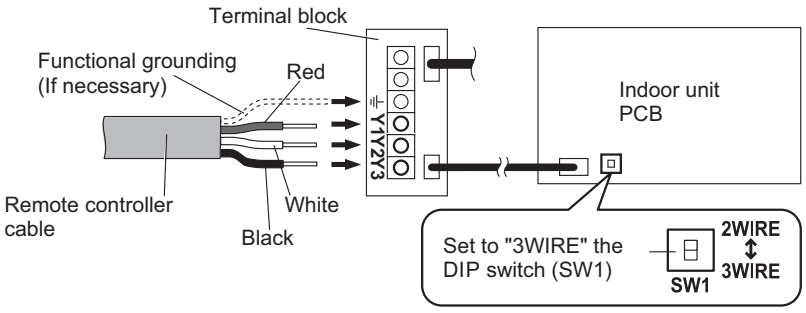
# ■ Installation

- **Connection pattern**

**NOTE:** Connection pattern is different according to type of Indoor unit.

| Indoor unit type | Connection pattern |
|---|---|
| All cassette type | Pattern A |
| All duct type | Pattern A |
| All floor type | Pattern A |
| Floor/Ceiling type | Pattern A |
| All ceiling type | Pattern A |
| All wall mounted type | Pattern B |

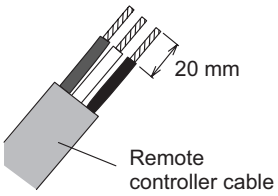
- **Pattern A**
  1. Connect the end of remote controller cable directly to the exclusive terminal block.
  2. Set the DIP switch (SW1) to “3WIRE” on the PCB of the indoor unit.



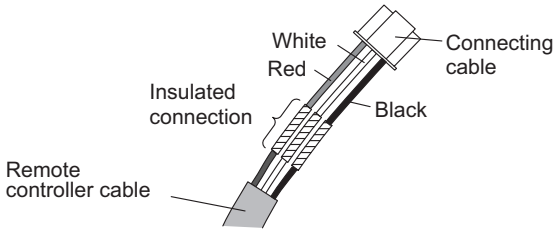

**NOTES:**
- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.


CONTROL SYSTEM

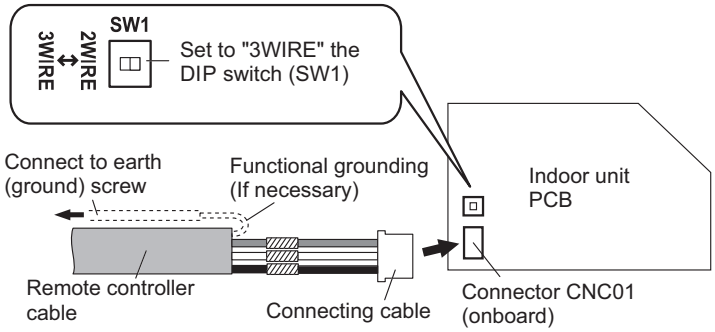
- **Pattern B**
  1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



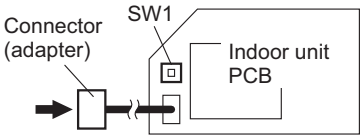

  2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




  3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “3WIRE” on the PCB of the indoor unit.




**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.



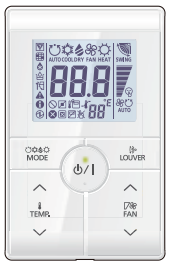

# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 120 × 120 × 18 |
| Weight | g | 160 |

## ● Wiring specifications

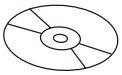
| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 $mm^2$ (22 AWG) | Polar 3-core | Use PVC sheathed cable. |

# 2-10. Simple Remote Controller (With operation mode: UTY-RSR∗)



- Easy operation
- Stylish design
- Large LCD screen and simple operation buttons
- Built-in background light function
- Easy installation with a slim shape with no bulge in the back.
- Up to 16 indoor units can be simultaneously controlled.
- Can be installed onto SW-BOX. (applies European and other country's standard)

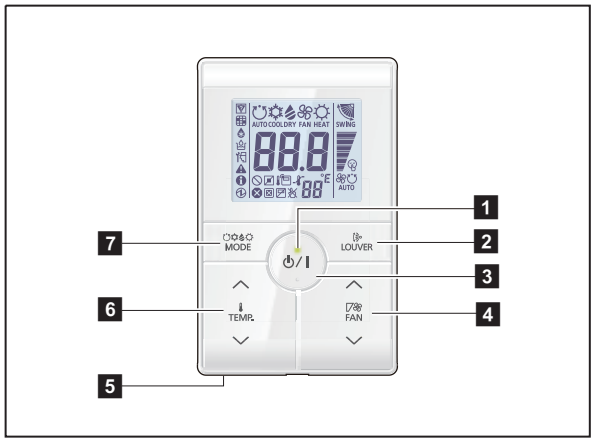
## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
|  CD-ROM | 1 | |
| Screw | 2 | For installing the remote controller |
| Cable tie | 1 | For remote controller and remote controller cable binding |
| Installation manual | 1 | |
| Operation manual | 1 | |

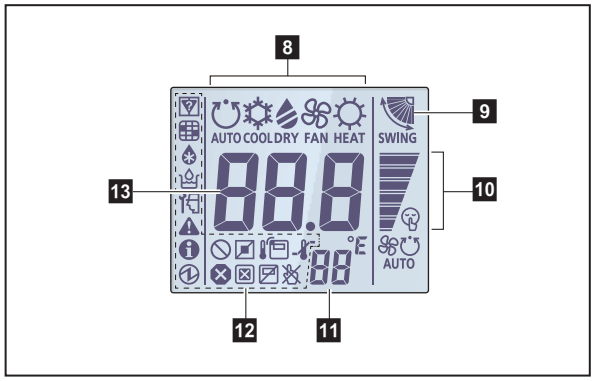


CONTROL SYSTEM

# ■ Overview




Display panel



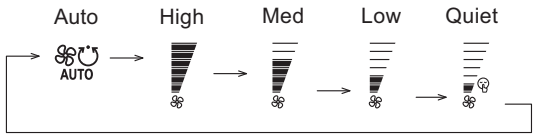

*1: Not available for a heat pump model unless it is set up as an administrative indoor unit.
*2: Not available for a heat pump model.
*3: Not available for a cooling-only model.
*4: Set the function setting of the indoor unit accordingly.
*5: During address display mode.

### 1 LED lamp
Lights during operation.

### 2 Louver button
Adjusts the airflow direction.

### 3 START/STOP button
Starts and stops operation.

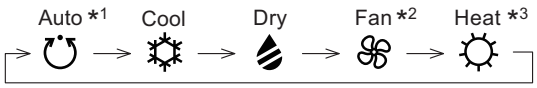
### 4 FAN control button
Switches the fan speed as follows:




### 5 Room temperature sensor (inside)
Senses ambient temperature of unit.

### 6 Set temperature button
Selects the setting temperature.
18—30 °C (COOL), 10—30 °C (HEAT)

### 7 Operation mode button
Switches the operation mode as follows:




### 8 Operating mode indicator

### 9 Airflow direction indicator

### 10 FAN speed indicator

### 11 Remote controller address indicator

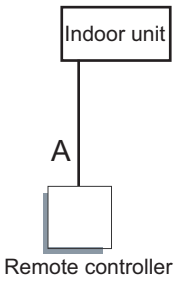
### 12 Status icons
- Mode mismatch
- Filter sign *4
- Defrost operation
- Oil recovery operation
- Under maintenance
- Error
- Special state
- Conducting electricity
- Emergency stop
- Operation controlled
- Forced stop
- Remote controller sensor is enabled *4
- Central controlled
- Setting temperature range is enabled
- Operation prohibited

### 13 Set temperature
Indicates indoor unit address. *5

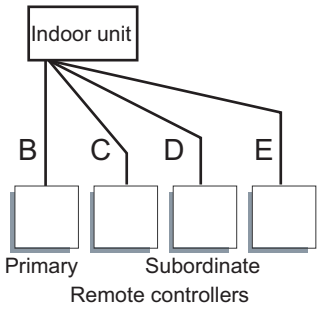

CONTROL SYSTEM

# ■ System diagrams

- **1 remote controller**




- **4 remote controllers**




**NOTES:**

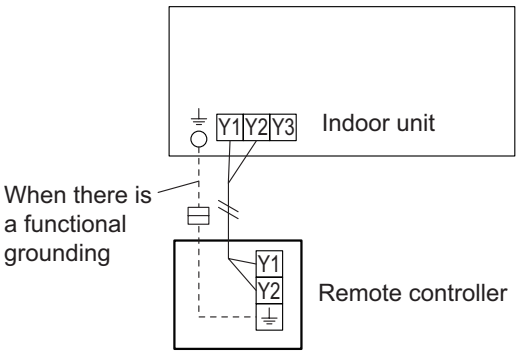
- A, B, C, D, E: Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)
- A ≤ 500 m, B + C + D + E ≤ 500 m



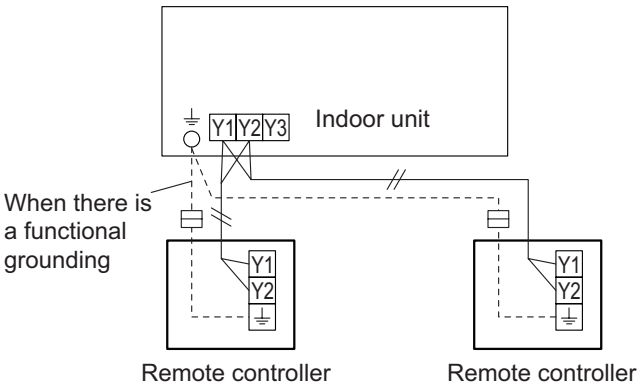
CONTROL SYSTEM

# ■ Electrical wiring

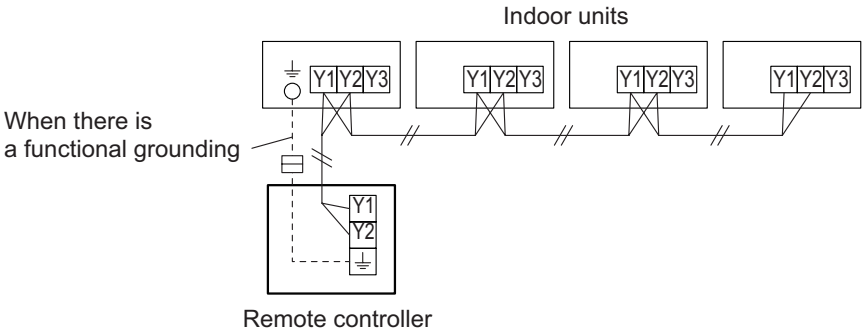
**1 remote controller:**




**2 remote controllers:**

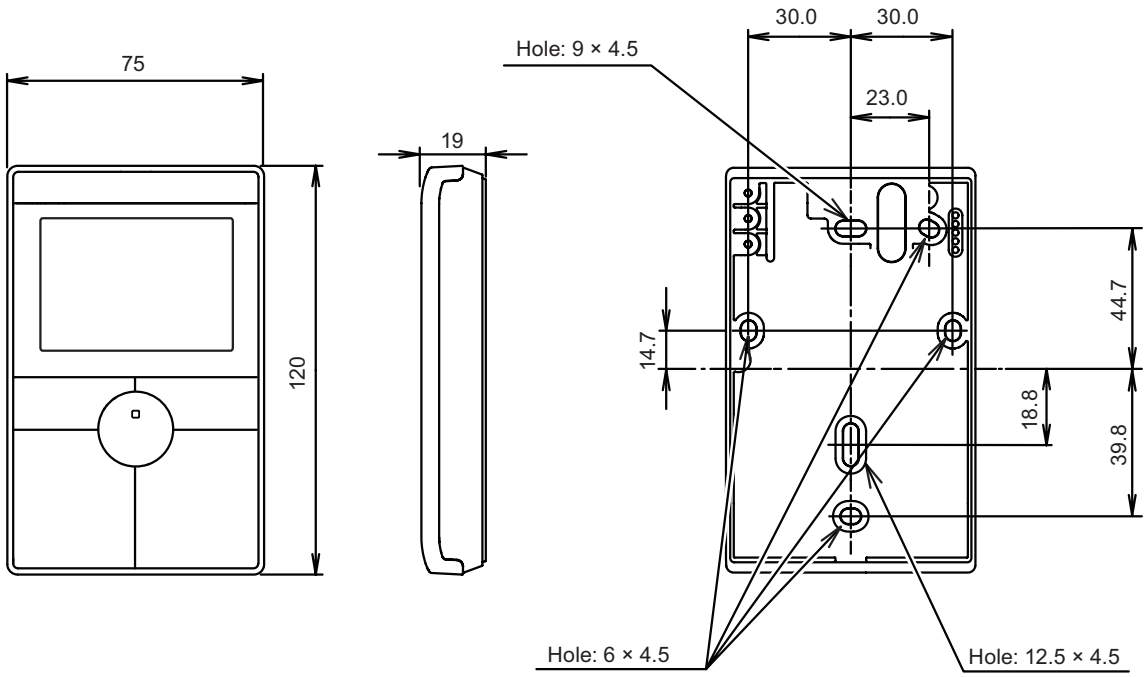



**Group control:**



# ■ Dimensions

Unit: mm




Front View Side View Rear View



CONTROL SYSTEM

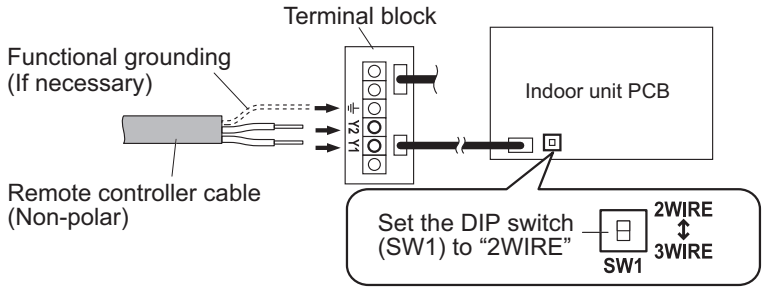
# ■ Installation

- **Connection pattern**

**NOTE:** Connection pattern is different according to type of Indoor unit.

| Indoor unit type | Connection pattern |
|---|---|
| All cassette type | Pattern A |
| All duct type | Pattern A |
| All floor type | Pattern A |
| Floor/Ceiling type | Pattern A |
| All ceiling type | Pattern A |
| All wall mounted type | Pattern B |

- **Pattern A**
  1. Connect the end of remote controller cable directly to the exclusive terminal block.
  2. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.

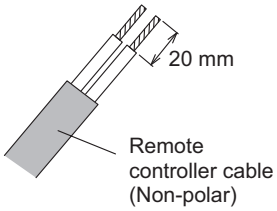



**NOTES:**

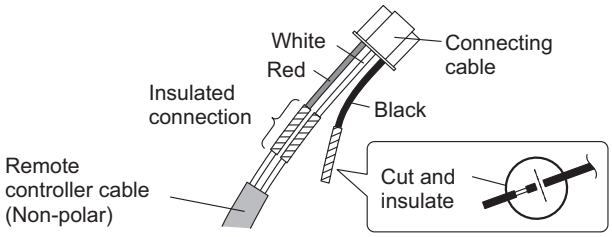
- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

- **Pattern B**

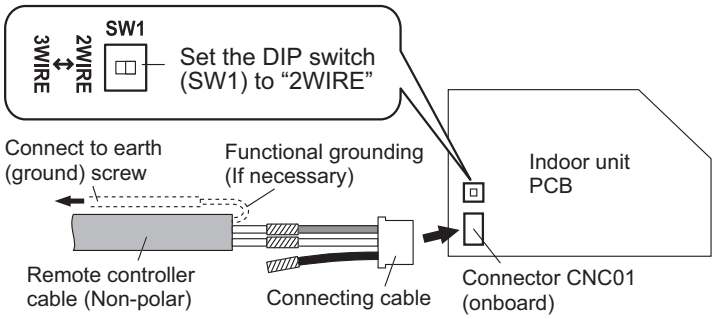
1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



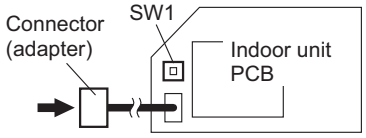

2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.




**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.




# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 120 × 75 × 19 |
| Weight | g | 120 |

## ● Wiring specifications

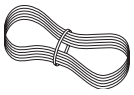
| Use | Cable size | Cable type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 to 1.25 $mm^2$ (22 to 16 AWG) | Sheathed cable | Non polar 2-core, Twisted pair |
| | | Shielded cable* | |

*: Use shielded cable in accordance with local rules for remote controller cable.

# 2-11. Simple Remote Controller (With operation mode: UTY-RSK∗)

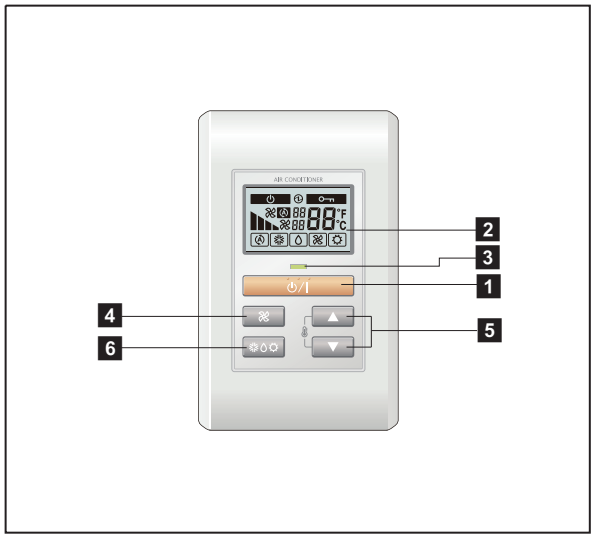
- Easy operation
- Built-in background light function
- Easy installation with a slim shape with no bulge in the back.
- Error history (Last 16 error codes can be accessed.)
- Up to 16 indoor units can be simultaneously controlled.
- Can be installed onto SW-BOX. (applies European and other country's standard)

## ■ Accessory

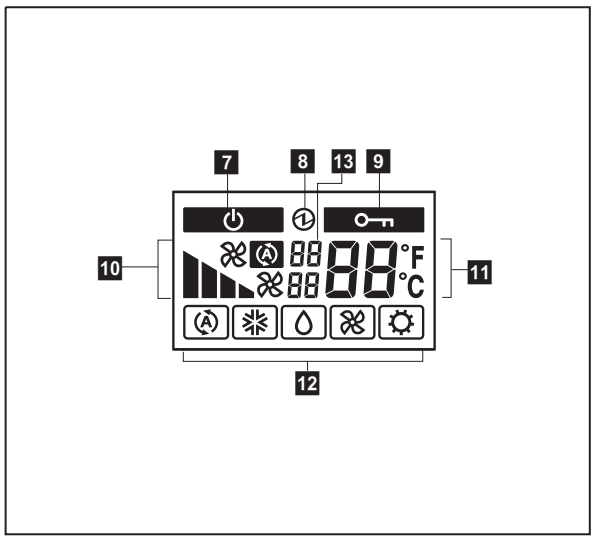
| Name and shape | Q'ty | Application |
|---|---|---|
|  Remote controller cable | 10 m | For connecting the remote controller |
| Screw | 2 | For installing the remote controller |
| Cable tie | 1 | For remote controller and remote controller cable binding |
| Installation manual | 1 | |
| Operation manual | 1 | |


CONTROL SYSTEM

# ■ Overview




Display panel




**1 START/STOP button**

Starts and stops operation.

**2 Display backlight button**

Lights during operation.

**3 Operation lamp**

Lights during operation.

**4 FAN button**

Selects the fan speed (AUTO, HIGH, MED, LOW, and QUIET).

**5 SET TEMP. button**

Selects the setting temperature.

**6 MODE button**

Selects the operating mode (AUTO, COOL, DRY, FAN, HEAT).

**7 Standby indicator**

Indicates during the oil recovery and defrosting operation.

**8 Power source indicator**

Indicates the main power is on.

**9 Central control indicator**

Indicates when function is locked.

**10 Fan speed indicator**

Deletes the weekly timer schedule.

**11 Set temperature**

- Indicates error history number in error code history display mode.
- Indicates indoor unit address in address display mode.

**12 Operating mode indicator**

**13 Indicator**

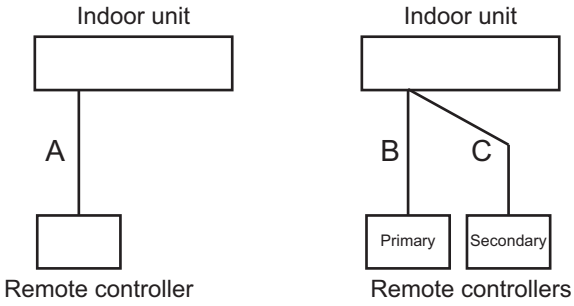
- Upper:
  - Indicates the error code in error code history display mode and in self diagnosis mode.
  - Indicates the refrigerant system address in address display mode.
- Lower: Indicates the remote controller address in error code history display mode, address display mode, and self diagnosis mode.



CONTROL SYSTEM

# ■ System diagram

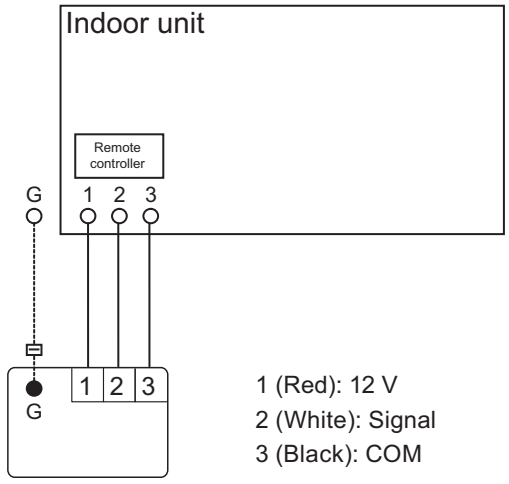
**1 remote controller:** **2 remote controllers:**




A, B, C: Remote controller cable
A ≤ 500 m;B + C ≤ 500 m

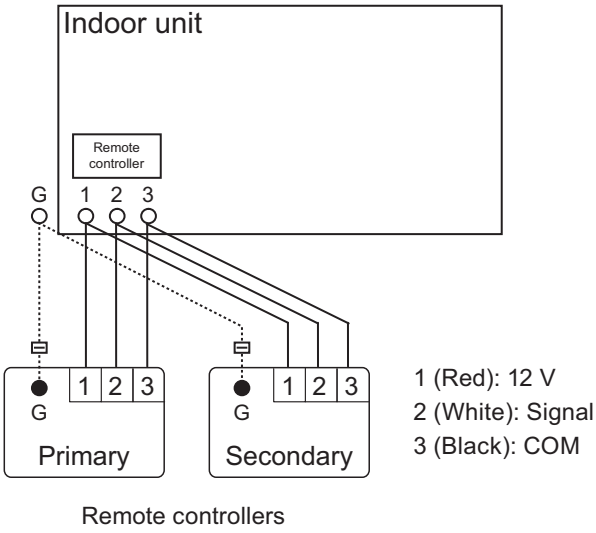
# ■ Electrical wiring

**1 remote controller:**




1 (Red): 12 V
2 (White): Signal
3 (Black): COM

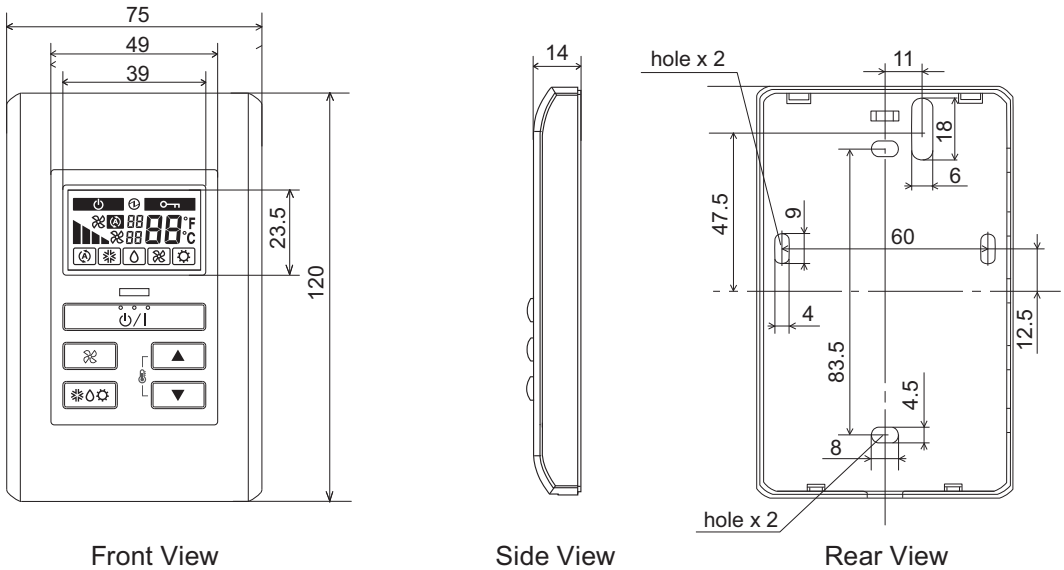
**2 remote controllers:**




1 (Red): 12 V
2 (White): Signal
3 (Black): COM

# ■ Dimensions

Unit: mm



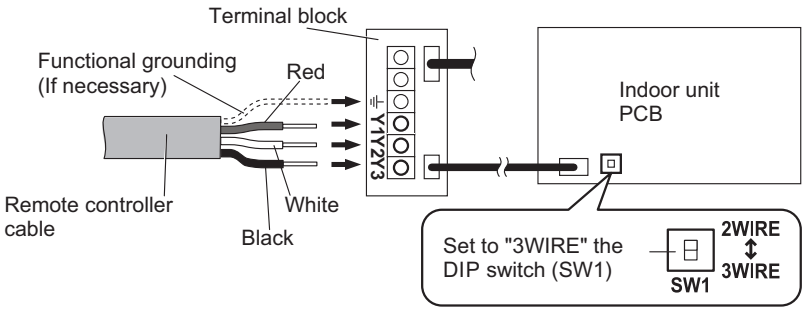
# ■ Installation

- **Connection pattern**

**NOTE:** Connection pattern is different according to type of Indoor unit.

| Indoor unit type | Connection pattern |
|---|---|
| All cassette type | Pattern A |
| All duct type | Pattern A |
| All floor type | Pattern A |
| Floor/Ceiling type | Pattern A |
| All ceiling type | Pattern A |
| All wall mounted type | Pattern B |

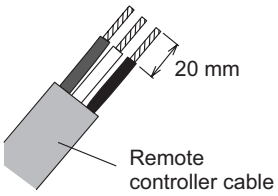
- **Pattern A**
  1. Connect the end of remote controller cable directly to the exclusive terminal block.
  2. Set the DIP switch (SW1) to “3WIRE” on the PCB of the indoor unit.



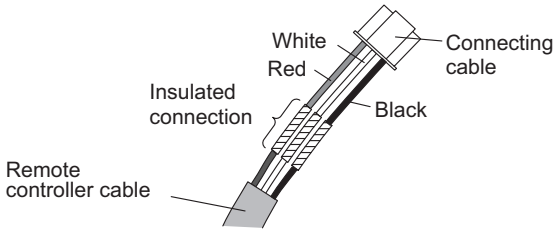

**NOTES:**
- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.


CONTROL SYSTEM

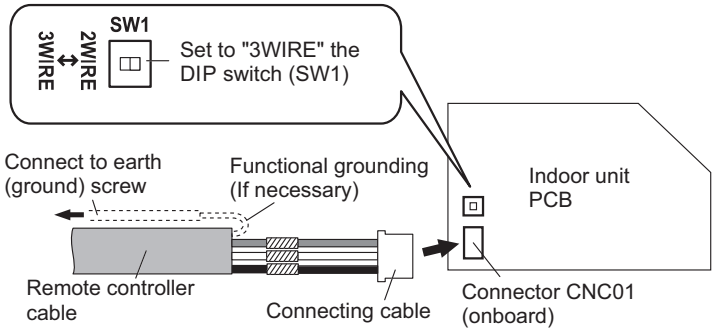
- **Pattern B**
  1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



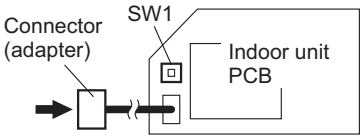

  2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




  3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “3WIRE” on the PCB of the indoor unit.




**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.



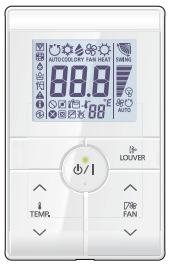

# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 120 × 75 × 14 |
| Weight | g | 90 |

## ● Wiring specifications

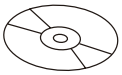
| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 $mm^2$ (22 AWG) | Polar 3-core | Use PVC sheathed cable. |

# 2-12. Simple Remote Controller (Without operation mode: UTY-RHR∗)



- Easy operation
- Stylish design
- Large LCD screen and simple operation buttons
- Built-in background light function
- Easy installation with a slim shape with no bulge in the back.
- Up to 16 indoor units can be simultaneously controlled.
- Can be installed onto SW-BOX. (applies European and other country's standard)

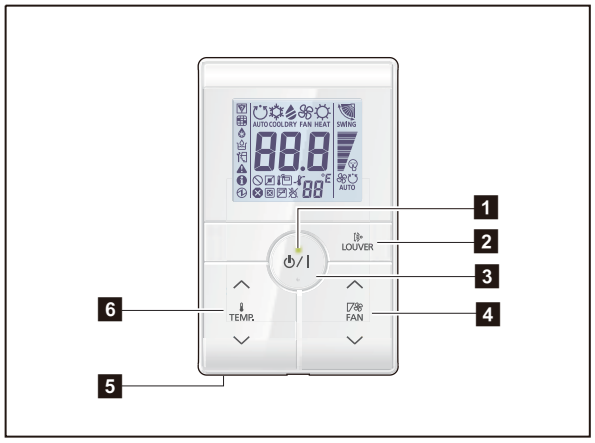
## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
|  CD-ROM | 1 | |
| Screw | 2 | For installing the remote controller |
| Cable tie | 1 | For remote controller and remote controller cable binding |
| Installation manual | 1 | |
| Operation manual | 1 | |

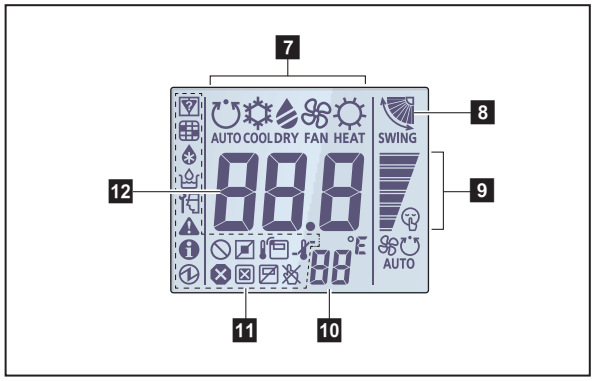


CONTROL SYSTEM

# ■ Overview




Display panel



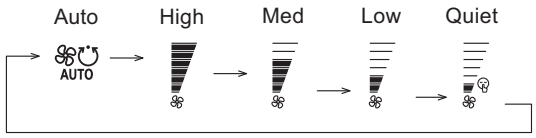

*1: Not available for a heat pump model unless it is set up as an administrative indoor unit.
*2: Not available for a heat pump model.
*3: Not available for a cooling-only model.
*4: Set the function setting of the indoor unit accordingly.
*5: During address display mode.

**1 LED lamp**
Lights during operation.

**2 Louver button**
Adjusts the airflow direction.

**3 START/STOP button**
Starts and stops operation.

**4 FAN control button**
Switches the fan speed as follows:




**5 Room temperature sensor (inside)**
Senses ambient temperature of unit.

**6 Set temperature button**
Selects the setting temperature.
18—30 °C (COOL), 10—30 °C (HEAT)

**7 Operating mode indicator**

**8 Airflow direction indicator**

**9 FAN speed indicator**

**10 Remote controller address indicator**

**11 Status icons**

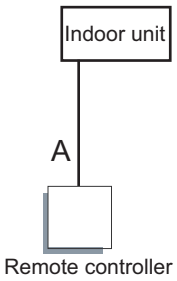
- Mode mismatch
- Filter sign *4
- Defrost operation
- Oil recovery operation
- Under maintenance
- Error
- Special state
- Conducting electricity
- Emergency stop
- Operation controlled
- Forced stop
- Remote controller sensor is enabled *4
- Central controlled
- Setting temperature range is enabled
- Operation prohibited

**12 Set temperature**
Indicates indoor unit address. *5

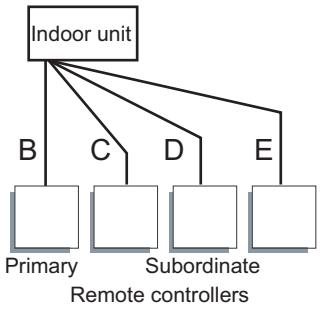

CONTROL SYSTEM

# ■ System diagrams

- **1 remote controller**




- **4 remote controllers**




**NOTES:**

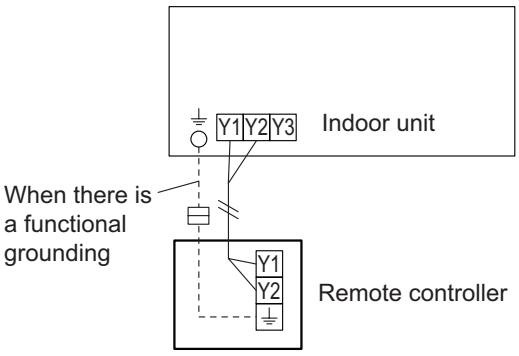
- A, B, C, D, E: Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)
- A ≤ 500 m, B + C + D + E ≤ 500 m



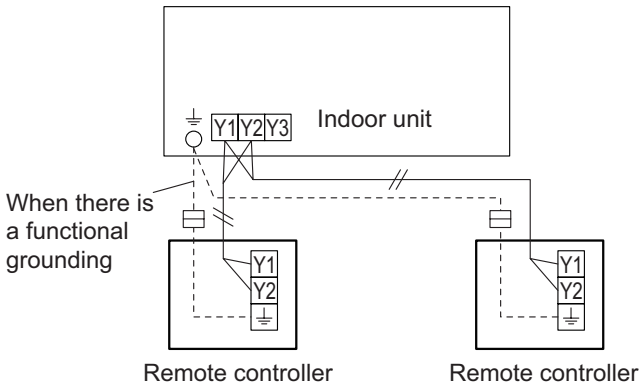
CONTROL SYSTEM

# ■ Electrical wiring

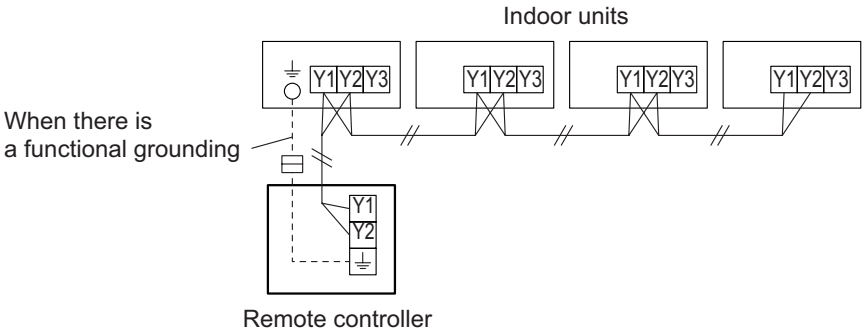
**1 remote controller:**




**2 remote controllers:**

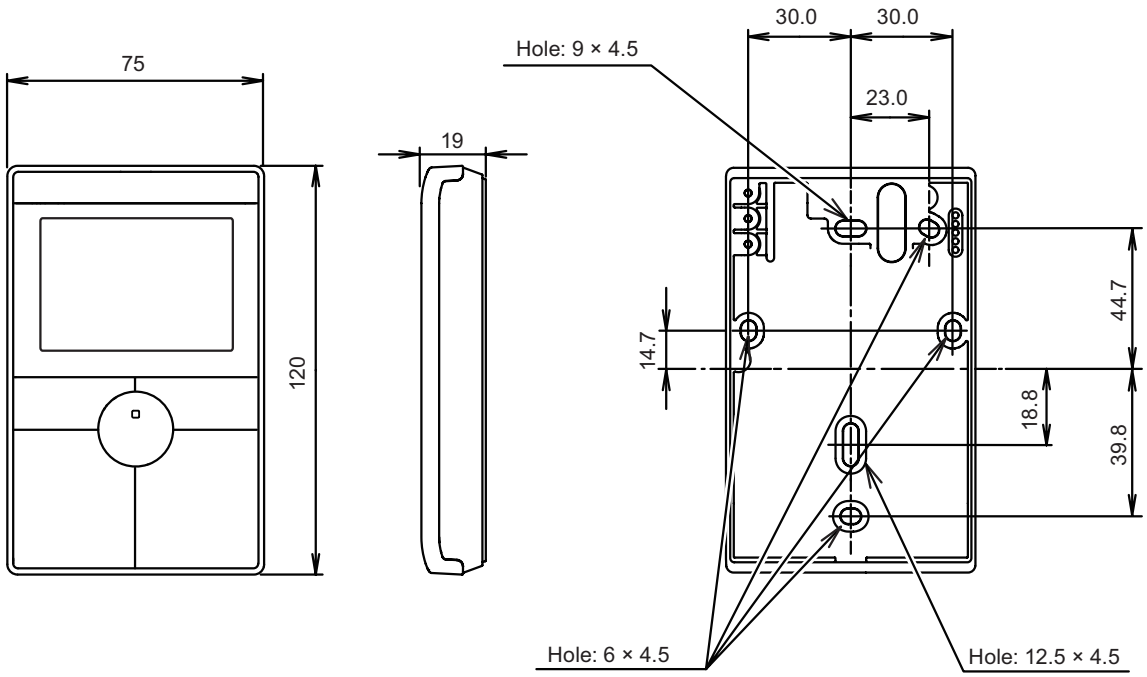



**Group control:**



# ■ Dimensions

Unit: mm




Front View Side View Rear View



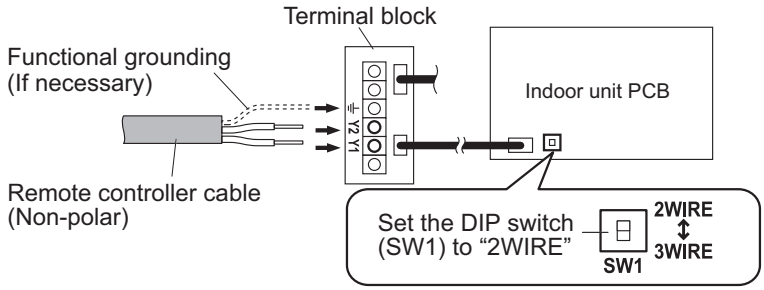
# ■ Installation

- **Connection pattern**

**NOTE:** Connection pattern is different according to type of Indoor unit.

| Indoor unit type | Connection pattern |
|---|---|
| All cassette type | Pattern A |
| All duct type | Pattern A |
| All floor type | Pattern A |
| Floor/Ceiling type | Pattern A |
| All ceiling type | Pattern A |
| All wall mounted type | Pattern B |

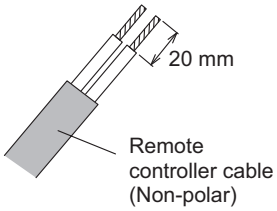
- **Pattern A**
  1. Connect the end of remote controller cable directly to the exclusive terminal block.
  2. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.



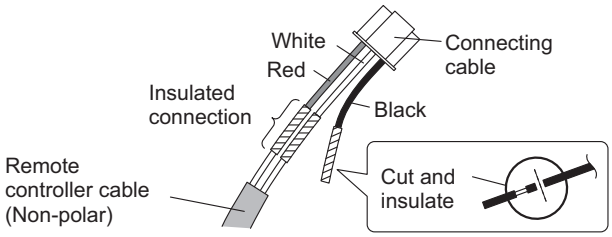

**NOTES:**

- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

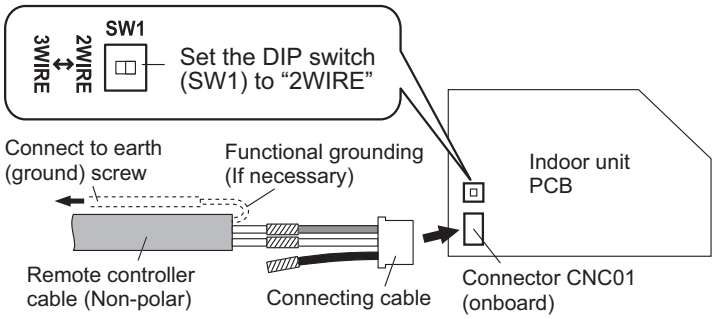
- **Pattern B**
  1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



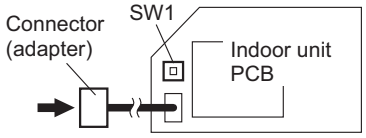

  2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




  3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.




**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.




# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 120 × 75 × 19 |
| Weight | g | 120 |

## ● Wiring specifications

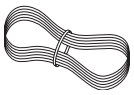
| Use | Cable size | Cable type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 to 1.25 $mm^2$ (22 to 16 AWG) | Sheathed cable | Non polar 2-core, Twisted pair |
| | | Shielded cable* | |

*: Use shielded cable in accordance with local rules for remote controller cable.

# 2-13. Simple Remote Controller (Without operation mode: UTY-RHK∗)

- Easy operation
- Built-in background light function
- Easy installation with a slim shape with no bulge in the back.
- Error history (Last 16 error codes can be accessed.)
- Up to 16 indoor units can be simultaneously controlled.
- Can be installed onto SW-BOX. (applies European and other country's standard)
- Concentrates on the basic operations such as Start/Stop, Fan control, and Temperature setting.

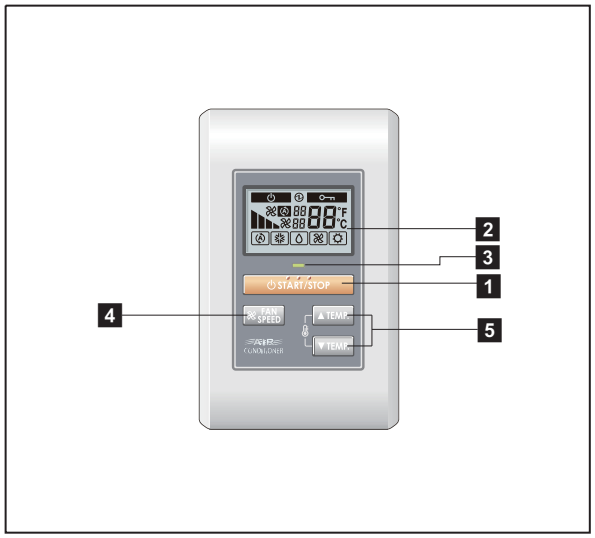
## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
|  Remote controller cable | 10 m | For connecting the remote controller |
| Screw | 2 | For installing the remote controller |
| Cable tie | 1 | For remote controller and remote controller cable binding |
| Installation manual | 1 | |
| Operation manual | 1 | |

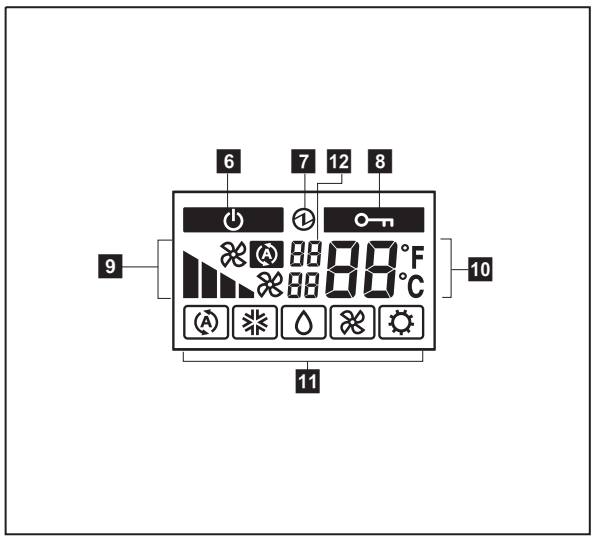


CONTROL SYSTEM

# ■ Overview




Display panel




**1 START/STOP button**

Starts and stops operation.

**2 Display backlight button**

Lights during operation.

**3 Operation lamp**

Lights during operation.

**4 FAN button**

Selects the fan speed (AUTO, HIGH, MED, LOW, and QUIET).

**5 SET TEMP. button**

Selects the setting temperature.

**6 Standby indicator**

Indicates during the oil recovery and defrosting operation.

**7 Power source indicator**

Indicates the main power is on.

**8 Central control indicator**

Indicates when function is locked.

**9 Fan speed indicator**

Deletes the weekly timer schedule.

**10 Set temperature**

- Indicates error history number in error code history display mode.
- Indicates indoor unit address in address display mode.

**11 Operating mode indicator**

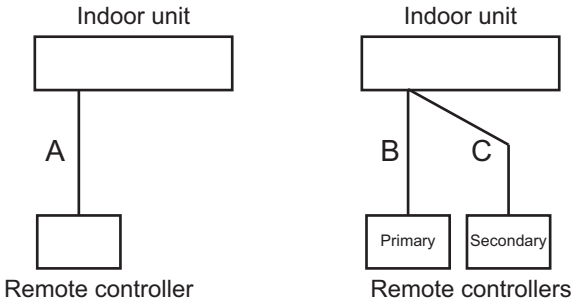
**12 Indicator**

- Upper:
  - Indicates the error code in error code history display mode and in self diagnosis mode.
  - Indicates the refrigerant system address in address display mode.
- Lower: Indicates the remote controller address in error code history display mode, address display mode, and self diagnosis mode.


CONTROL SYSTEM

# ■ System diagram

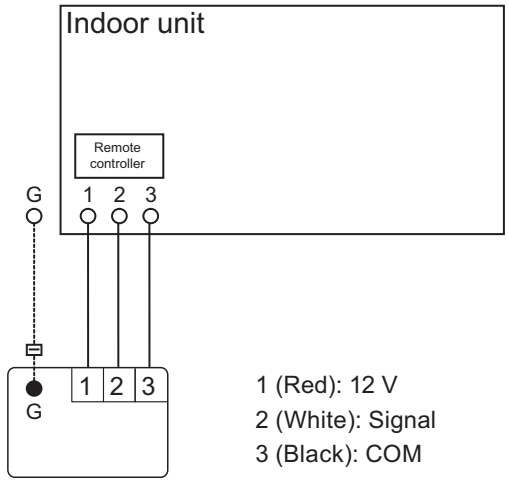
**1 remote controller:** **2 remote controllers:**




A, B, C: Remote controller cable
A ≤ 500 m;B + C ≤ 500 m

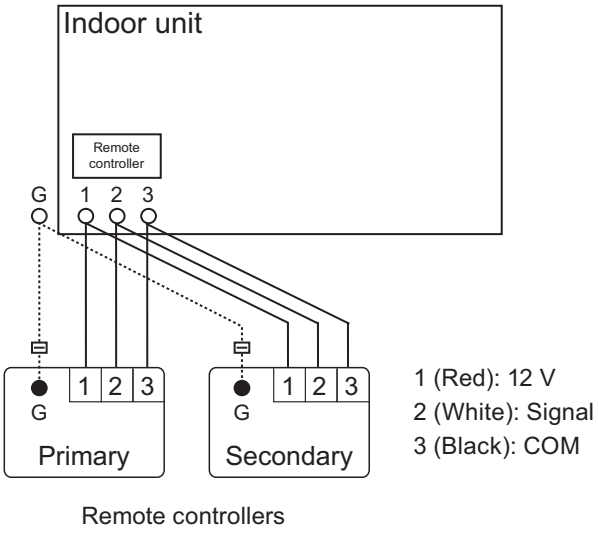
# ■ Electrical wiring

**1 remote controller:**




1 (Red): 12 V
2 (White): Signal
3 (Black): COM

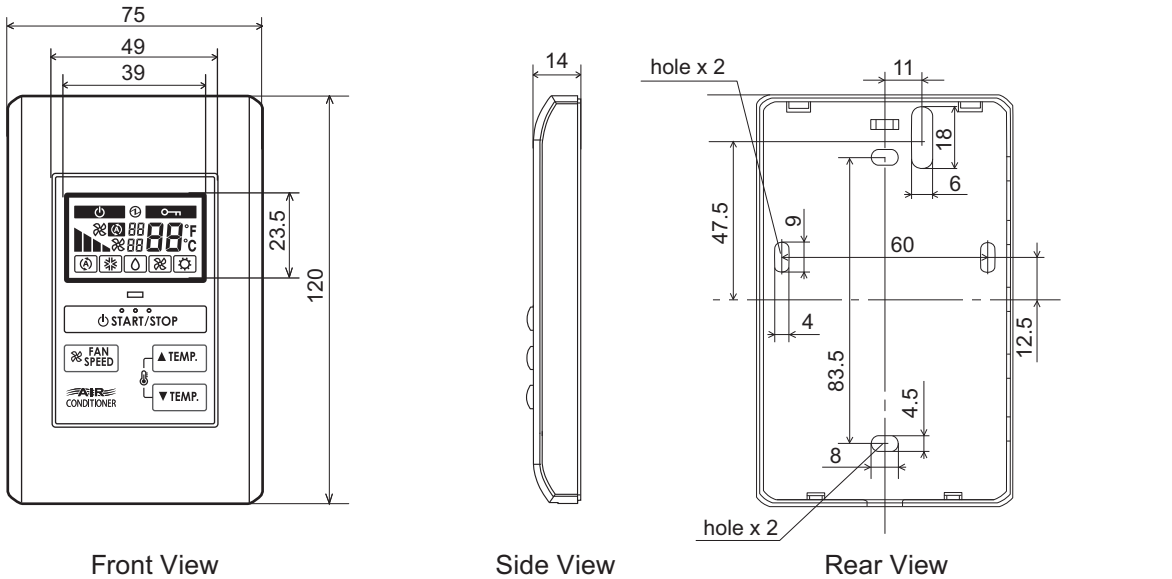
**2 remote controllers:**




1 (Red): 12 V
2 (White): Signal
3 (Black): COM

# ■ Dimensions

Unit: mm




Front View Side View Rear View

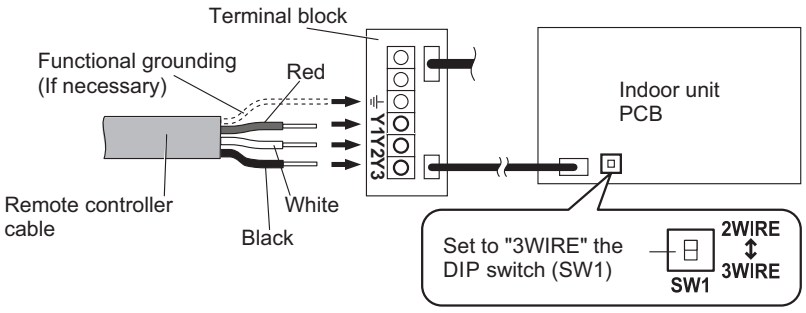
# ■ Installation

- **Connection pattern**

**NOTE:** Connection pattern is different according to type of Indoor unit.

| Indoor unit type | Connection pattern |
|---|---|
| All cassette type | Pattern A |
| All duct type | Pattern A |
| All floor type | Pattern A |
| Floor/Ceiling type | Pattern A |
| All ceiling type | Pattern A |
| All wall mounted type | Pattern B |

- **Pattern A**
  1. Connect the end of remote controller cable directly to the exclusive terminal block.
  2. Set the DIP switch (SW1) to “3WIRE” on the PCB of the indoor unit.

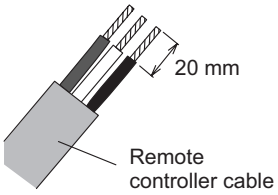



**NOTES:**
- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

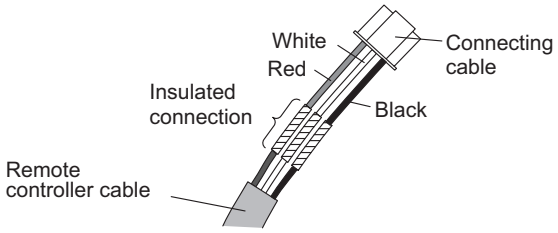

CONTROL SYSTEM

- **Pattern B**

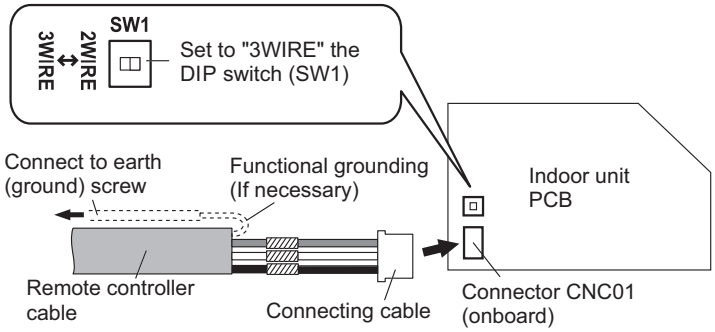
1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



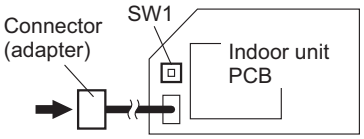

2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “3WIRE” on the PCB of the indoor unit.




**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.



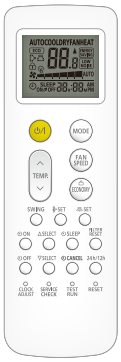

# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 120 × 75 × 14 |
| Weight | g | 90 |

## ● Wiring specifications

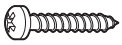
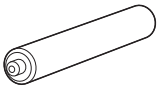
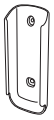
| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 $mm^2$ (22 AWG) | Polar 3-core | Use PVC sheathed cable. |

# 2-14. Wireless Remote Controller (UTY-LNV∗)



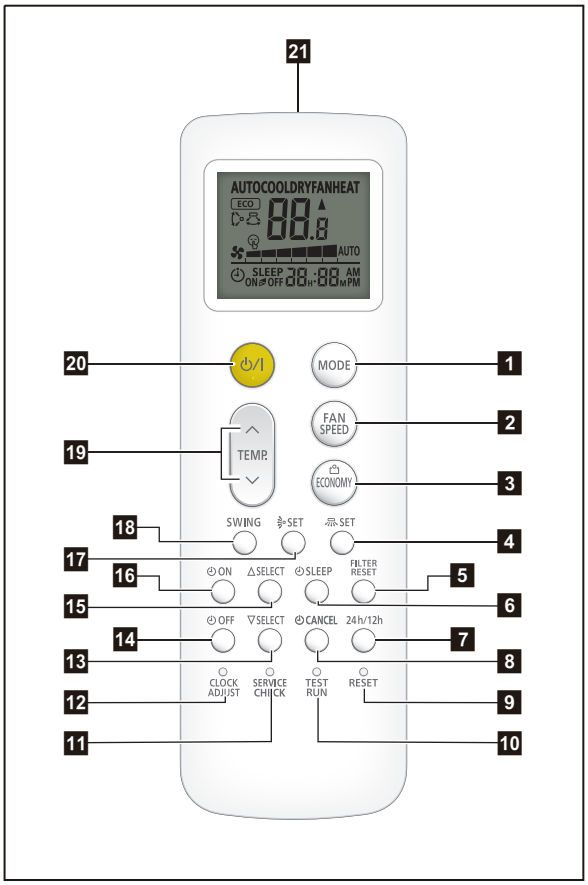
- 6-speed airflow control available.
  **NOTE:** 6-speed airflow control might not be available depends on the indoor unit function. For details, refer to "Indoor unit type and applicable control method" on page 05-8.
- The backlit LCD enables easy operation in a dark room.
- Capable of fine temperature setting in increments of 0.5 degrees.
- Equipped with an EEPROM, the remote controller's initial settings, such as temperature units, are retained even after the battery is replaced.

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
|  Screw | 2 | For installing the remote controller |
|  Battery (1.5 V [R03/AAA]) | 2 | For remote controller |
|  Remote controller holder | 1 | For remote controller |
| Installation manual | 1 | |
| Operation manual | 1 | |


CONTROL SYSTEM

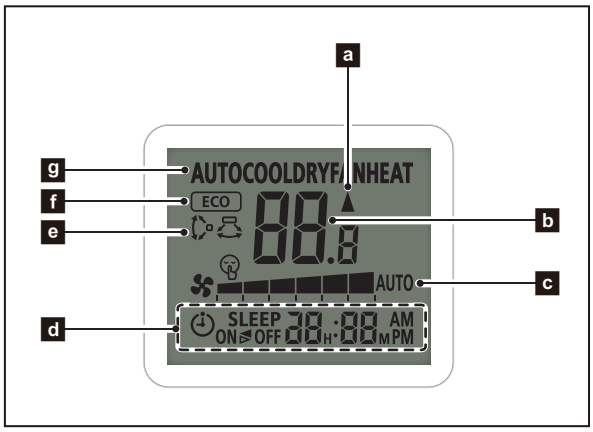
# ■ Overview




1. MODE button
2. FAN SPEED button
3. ECONOMY button
4. SET button (Left/right airflow)
5. FILTER RESET button
6. SLEEP button
7. 24h/12h button
8. CANCEL button
9. RESET button
10. TEST RUN button
11. SERVICE CHECK button
12. CLOCK ADJUST button
13. SELECT (Down) button
14. TIMER OFF button
15. SELECT (Up) button
16. TIMER ON button
17. SET button (Up/down airflow)
18. SWING button
19. TEMP. (Up/down) button
20. START/STOP button
21. Signal transmitter

**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

Display panel

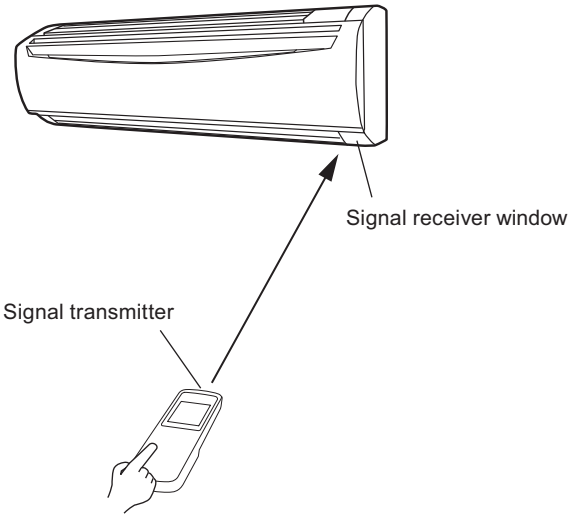



a. Signal transmit indicator
b. Temperature indicator
c. Fan speed indicator
d. Clock and Timer indicator
e. Swing indicator
f. Economy operation indicator
g. Operating mode indicator

To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.


CONTROL SYSTEM

## ■ System diagrams




- Control signal might not be recognized in following cases:
  – A curtain or wall, etc. exists between transmitter and receiver.
  – There is an instant-start type (inverter type, etc.) fluorescent lamp in the room.

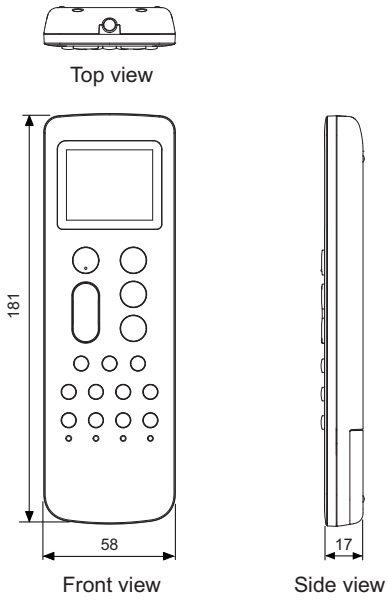
- Air conditioner might not work correctly when strong light hits the signal receiver window.
  Shut off the direct sunlight and also make illuminator far away from the signal receiver window.


CONTROL SYSTEM

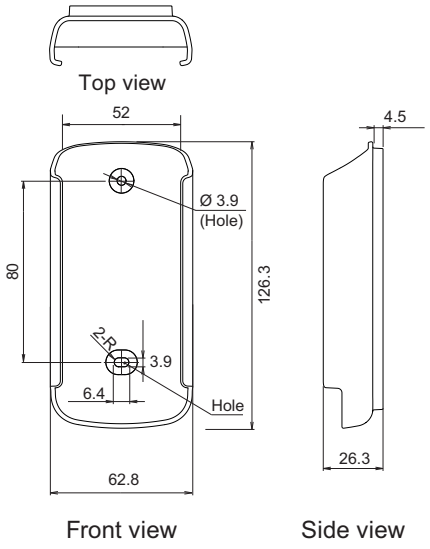
# ■ Dimensions

Unit: mm

- **Controller**




- **Holder**






CONTROL SYSTEM

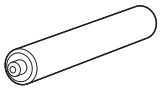
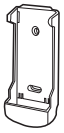
# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 181 × 58 × 17 |
| Weight (without batteries) | g | 116 |

# 2-15. Wireless Remote Controller (UTY-LNH∗)

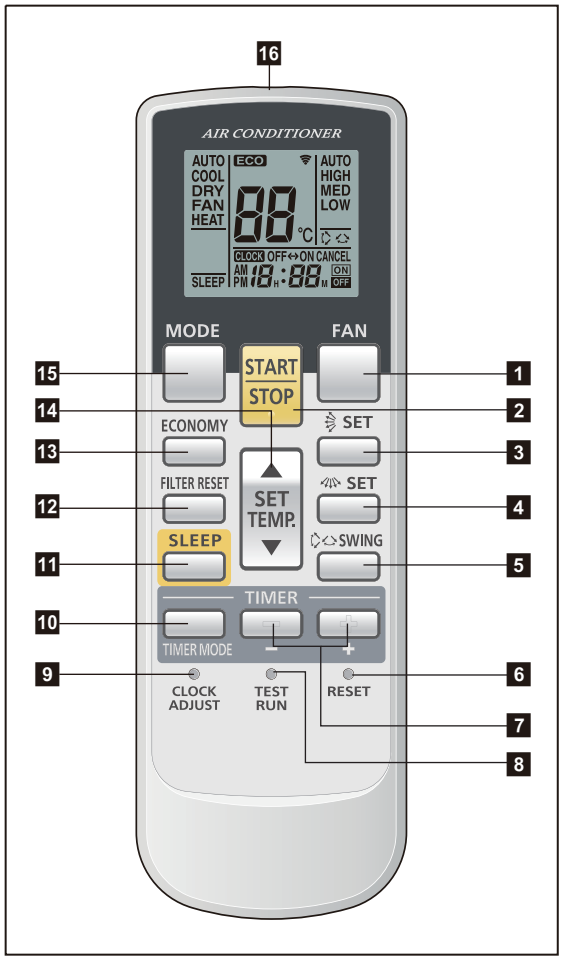
- 4 mode time setup available (On/Off/Program/Sleep).
- Up to 16 indoor units connected within the remote controller group can be simultaneously controlled.
- Can be used jointly with wired remote controllers.
- Easy to change custom code (max 4 codes)

## ■ Accessory

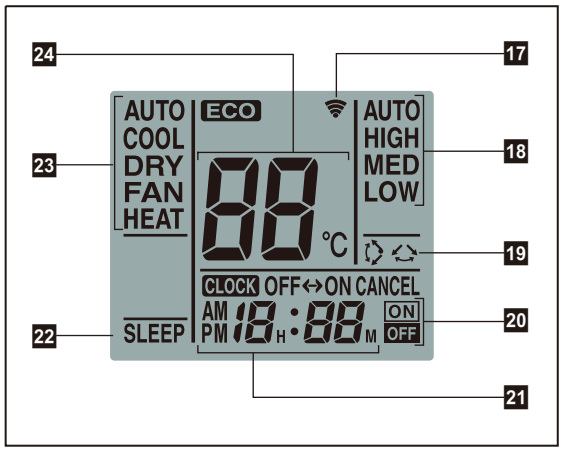
| Name and shape | Q'ty | Application |
|---|---|---|
| Screw | 2 | For installing the remote controller |
|  Battery (1.5 V [R03/AAA]) | 2 | For remote controller |
|  Remote controller holder | 1 | For remote controller |
| Installation manual | 1 | |
| Operation manual | 1 | |


CONTROL SYSTEM

# ■ Overview




Display panel




**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

**1 FAN button**

Selects the fan speed (AUTO, HIGH, MED, and LOW).

**2 START/STOP button**

Starts and stops operation.

**3 SET button (vertical)**

Adjusts the vertical airflow direction.

**4 SET button (horizontal)**

Adjusts the horizontal airflow direction.

**5 SWING button**

Sets the automatic swing operation and selects swing mode (Up/down, Left/right, Up/down/left/right, and Stop swing).

**6 RESET button**

Used when replacing batteries.

**7 Timer set (- / +) button**

Sets the current time and on-off time.

**8 TEST RUN button**

Only used for the initial test in the unit installation.

**9 CLOCK ADJUST button**

Used for adjusting the clock.

**10 TIMER MODE button**

Selects the timer mode (off timer, on timer, program timer, and timer reset).

**11 SLEEP button**

Pressed to select sleep timer.

**12 FILTER RESET button**

**13 ECONOMY button**

**14 SET TEMP. (temperature) (▲ / ▼) button**

- Sets desired temperature.
- Sets remote controller custom code.

**15 MODE button**

- Switches operation mode (AUTO, COOL, DRY, FAN, and HEAT).
- Starts/ends the remote controller custom code (max. 4 types) change.

**16 Signal transmitter**

**17 Signal transmit indicator**

**18 Fan speed indicator**

**19 Swing indicator**

**20 Timer mode indicator**

**21 Clock indicator**

**22 Sleep indicator**

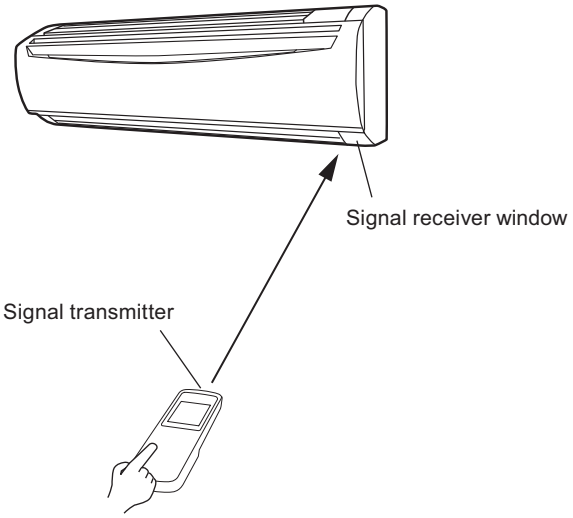
**23 Operating mode indicator**

**24 Temperature indicator**



CONTROL SYSTEM

## ■ System diagrams




- Control signal might not be recognized in following cases:
  – A curtain or wall, etc. exists between transmitter and receiver.
  – There is an instant-start type (inverter type, etc.) fluorescent lamp in the room.

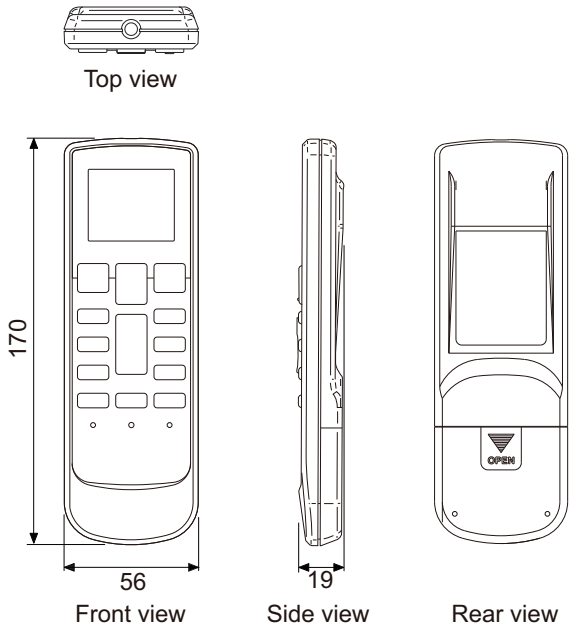
- Air conditioner might not work correctly when strong light hits the signal receiver window.
  Shut off the direct sunlight and also make illuminator far away from the signal receiver window.


CONTROL SYSTEM

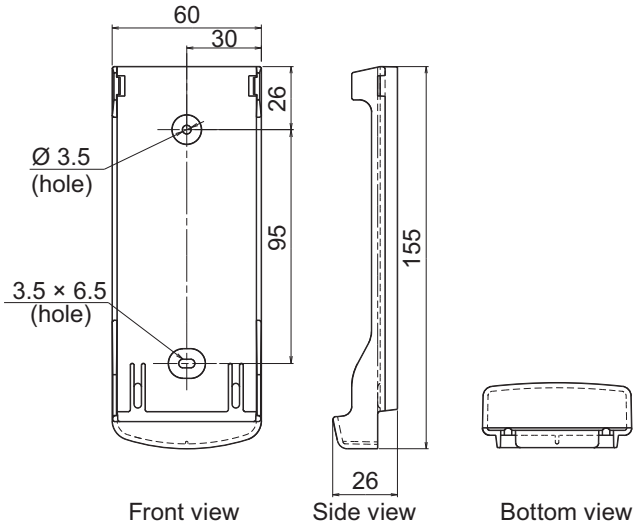
# ■ Dimensions

Unit: mm

- **Controller**




- **Holder**




# ■ Specifications

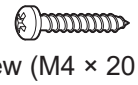
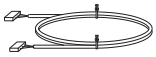
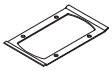
| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 170 × 56 × 19 |
| Weight (without batteries) | g | 85 |


CONTROL SYSTEM

# 2-16. IR Receiver Unit (UTB-YWC)

Duct type indoor unit can be controlled with Wireless Remote Controller if the IR Receiver Unit is used.

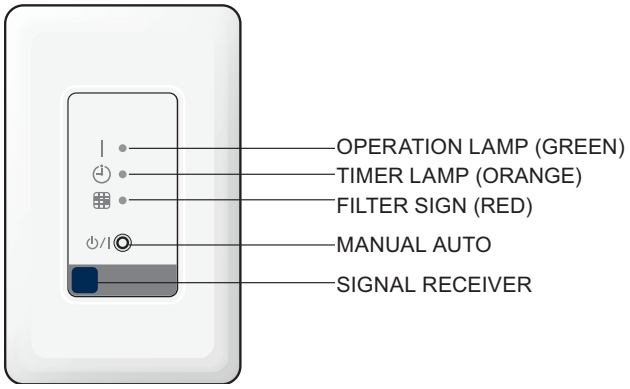
## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Cover | 1 | For receiver unit |
| Insulation | 1 | For receiver unit |
| Cable tie | Small: 1<br>Medium: 1 | For receiver unit |
| Screw (M4 × 10 mm) | 2 | For attaching the hook metal to the indoor unit |
| Screw (M4 × 12 mm) | 1 | For attaching the hook metal to holder cover |
|  Screw (M4 × 20 mm) | 2 | For installing receiver unit to wall, etc. |
|  Connection cable A (5 m) | 1 | For connecting PCB of indoor unit to receiver unit |
| Connection cable B (0.15 m) | 1 | |
| Connection cable D (0.15 m) | 1 | For connecting PCB of indoor unit to receiver unit |
| Hook metal | 1 | For installing receiver unit to indoor unit |
|  Bracket (cover) | 1 | For receiver unit |
| Installation manual | 1 | |



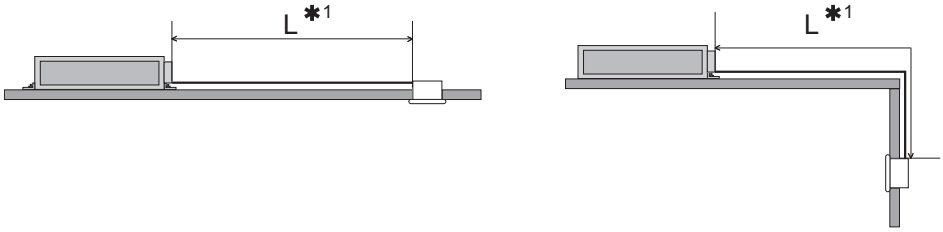
CONTROL SYSTEM

# ■ Overview



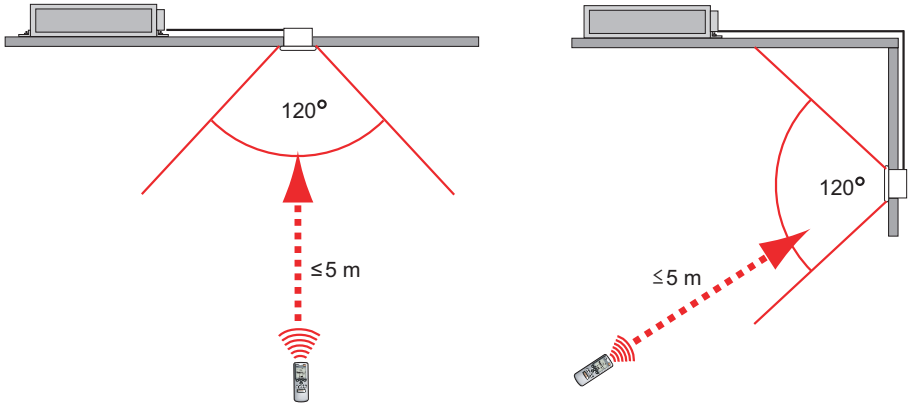

# ■ System diagrams

- **Attachment range**




*1: Connection cable length L
– Cable A (Accessory): 5 m
– Cable C (Optional service part): 10 m

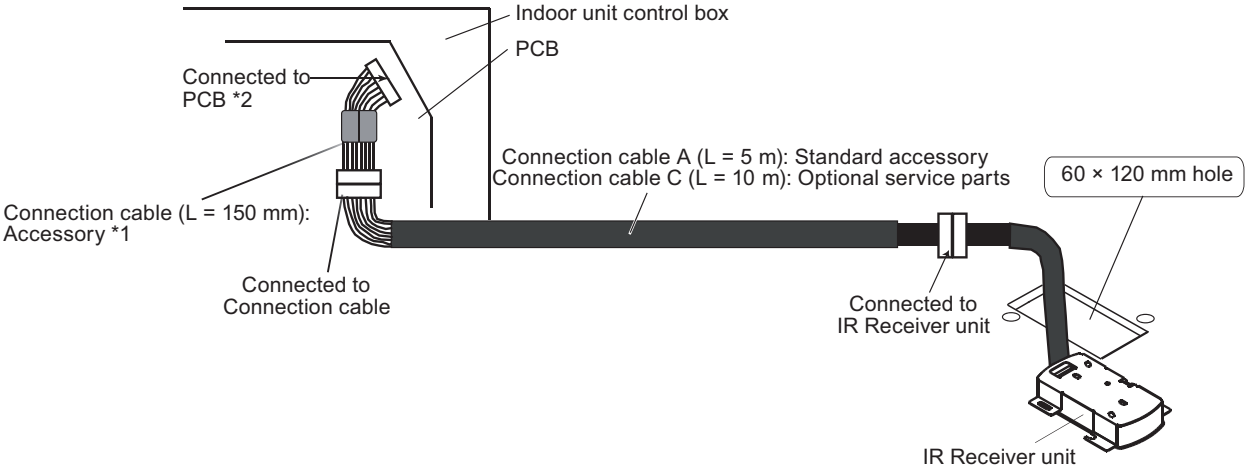
- **Signal angle**





CONTROL SYSTEM

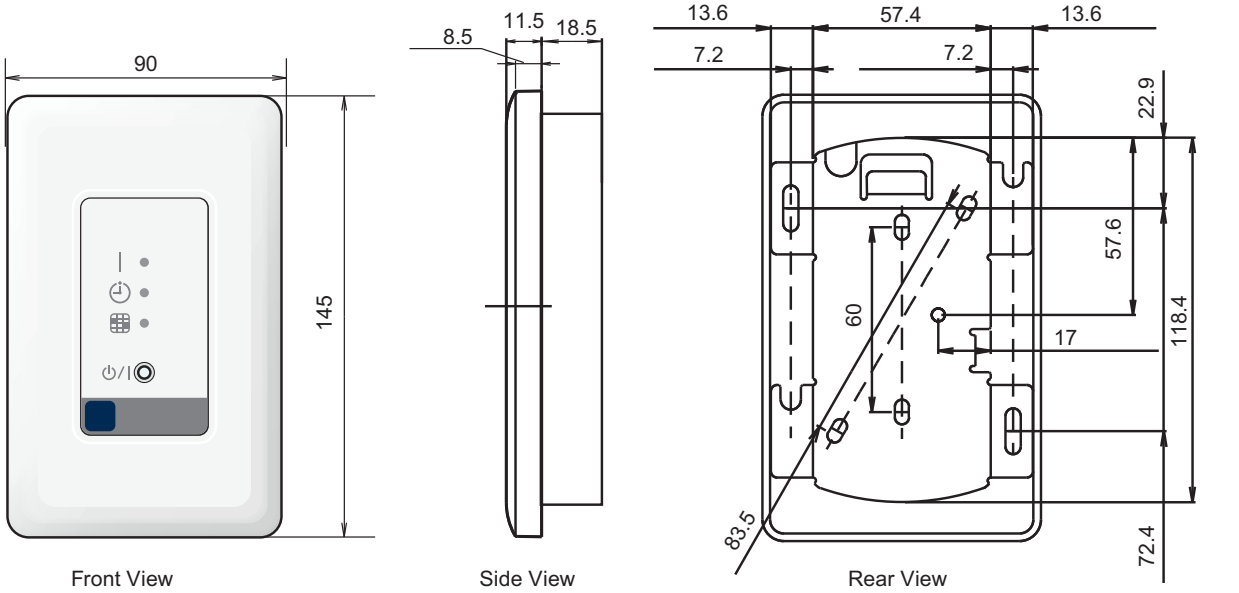
# ■ Electrical wiring




| | | |
|---|---|---|
| *1: | Connection cable | Connection cable D |
| *2: | Connected to PCB | CN18 |

# ■ Dimensions

Unit: mm



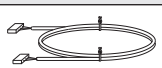

Front View　　Side View　　Rear View

# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 145 × 90 × 30 |
| Weight | g | 150 |

# ■ Optional service part

Use the parts number shown below to order the cable from your representative.
Use the shield type connection cable in accordance with standard of your country.

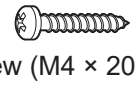
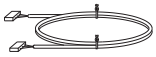
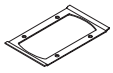
| Name and shape | Type | Parts No. |
|---|---|---|
|  Connection cable C (10 m) | Non-Shielded | 9378143012 |
| | Shielded | 9378143036 |


CONTROL SYSTEM

# 2-17. IR Receiver Unit (UTY-TRHX)

3D flow cassette type and Duct type indoor unit can be controlled with Wireless Remote Controller if the IR Receiver Unit is used.

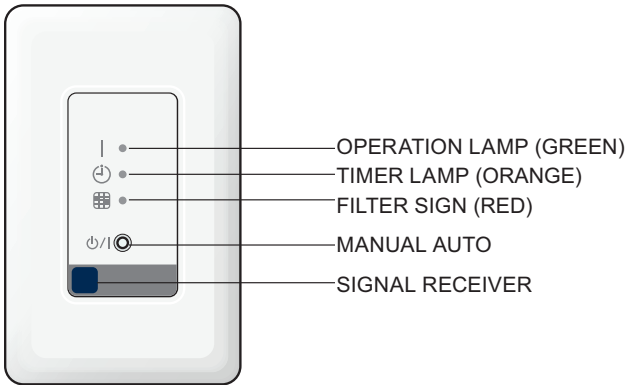
## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Cover | 1 | For receiver unit |
| Insulation | 1 | For receiver unit |
| Cable tie | Small: 1<br>Medium: 1 | For receiver unit |
|  Screw (M4 × 10 mm) | 2 | For attaching the hook metal to the indoor unit |
|  Screw (M4 × 12 mm) | 1 | For attaching the hook metal to holder cover |
|  Screw (M4 × 20 mm) | 2 | For installing receiver unit to wall, etc. |
|  Connection cable A (5 m) | 1 | For connecting PCB of indoor unit to receiver unit |
| Connection cable B (0.2 m) | 1 | |
| Hook metal | 1 | For installing receiver unit to indoor unit |
|  Bracket (cover) | 1 | For receiver unit |
| Installation manual | 1 | |

CONTROL SYSTEM

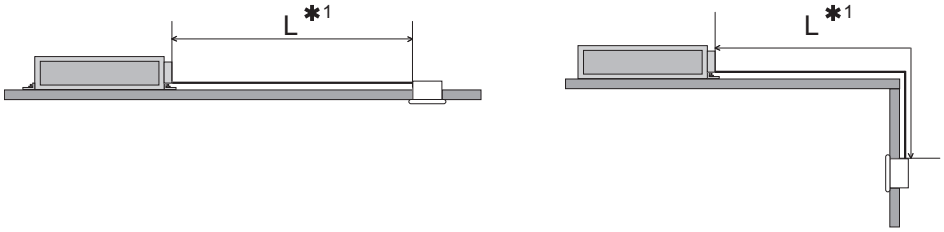
CONTROL SYSTEM

# ■ Overview



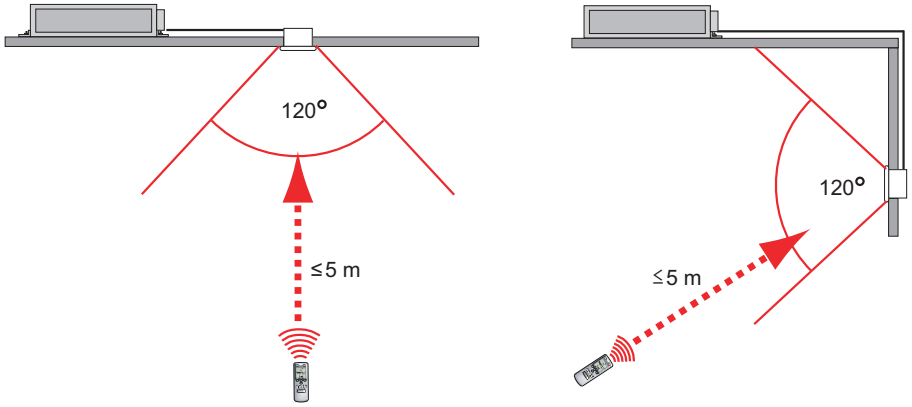

# ■ System diagrams

- **Attachment range**




*1: Connection cable length L
– Cable A (Standard accessory): 5 m
– Cable C (Optional service part): 10 m

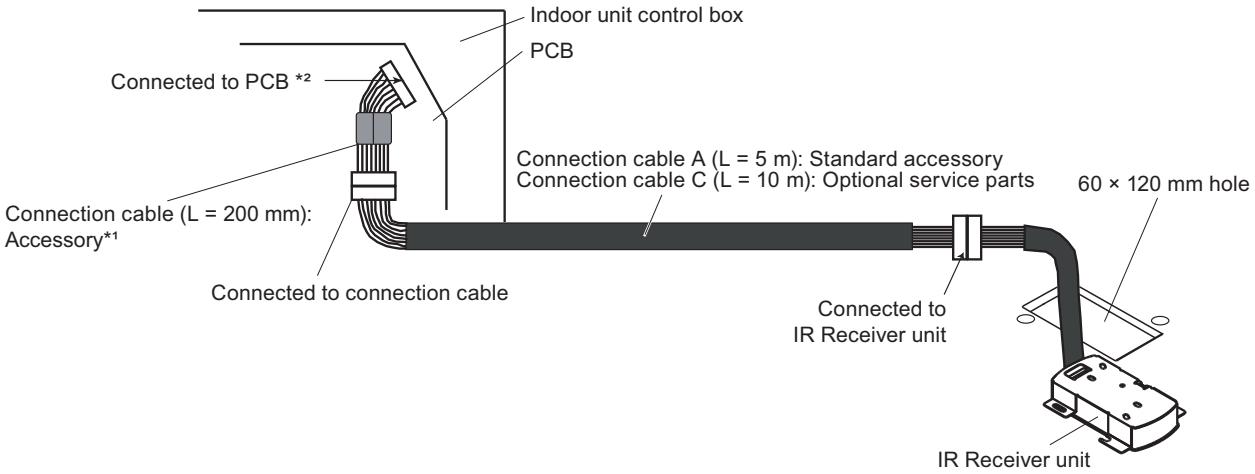
- **Signal angle**





CONTROL SYSTEM

# ■ Electrical wiring

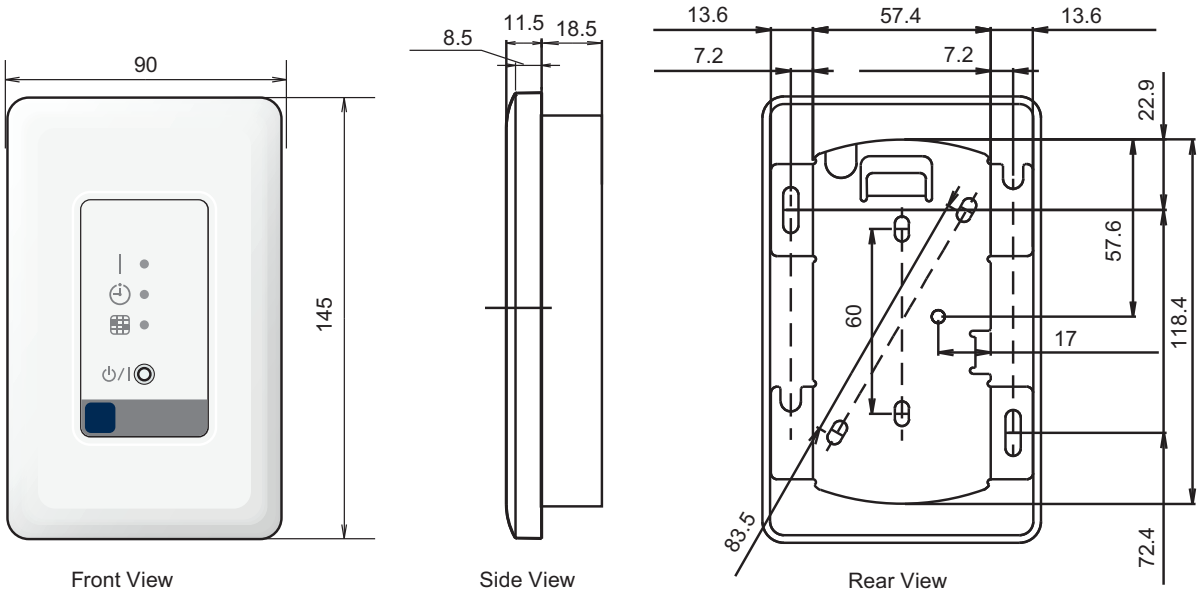



*1: Connection cable — Connection cable B

*2: Connected to PCB — CN48

# ■ Dimensions

Unit: mm



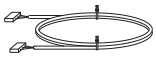

Front View Side View Rear View

# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 145 × 90 × 30 |
| Weight | g | 150 |

# ■ Optional service part

Use the parts number shown below to order the cable from your representative.
Use the shield type connection cable in accordance with standard of your country.

| Name and shape | Application | Parts No. |
|---|---|---|
|  IR receiver unit cable C (10 m) | For extending the IR receiver unit cable | 9710358012 |

**NOTE:** This part cannot be used for 3D flow cassette type.

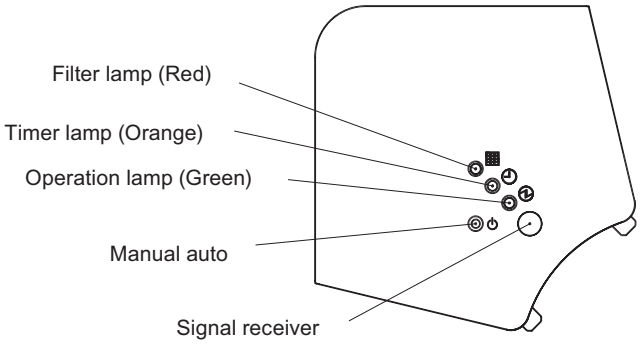
# 2-18. IR Receiver Unit (For cassette type: UTY-LRH∗B1)

Cassette type indoor unit can be controlled with Wireless Remote Controller if the IR Receiver Unit is used.

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Strap | 1 | For preventing receiver from falling down |
| Installation manual | 1 | |

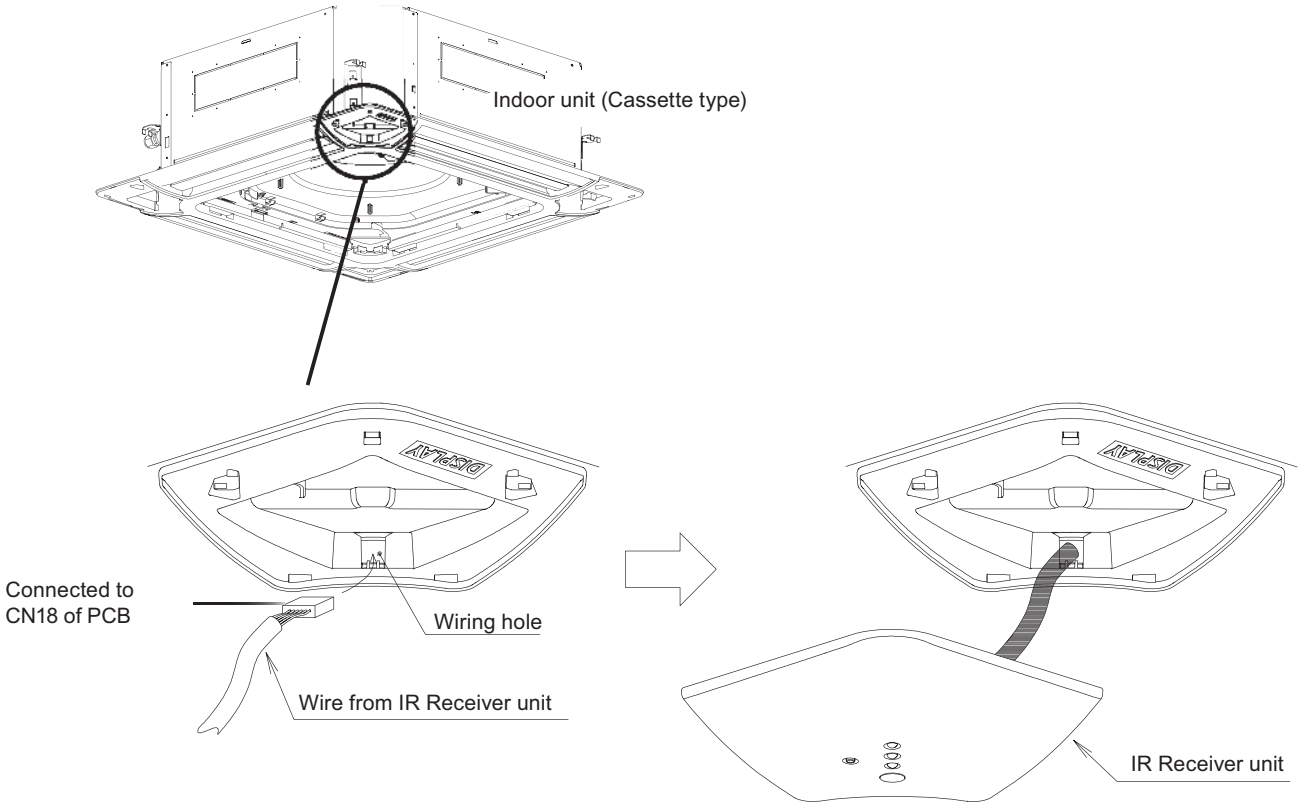
## ■ Overview





CONTROL SYSTEM

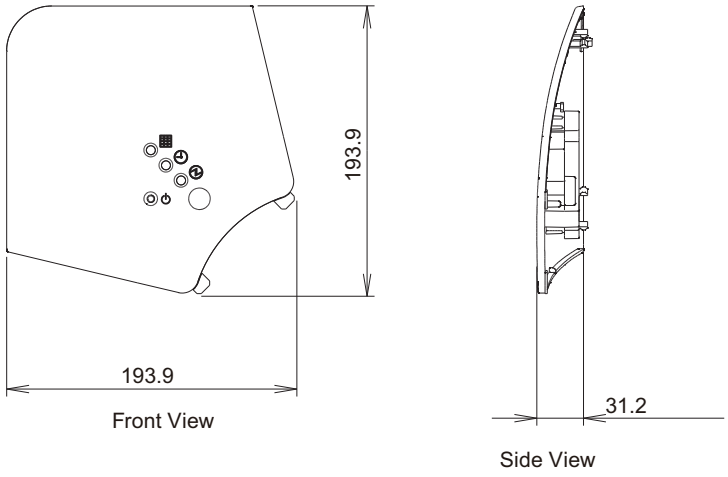
# ■ Electrical wiring






# ■ Dimensions

Unit: mm




# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 193.9 × 193.9 × 31.2 |
| Weight | g | 140 |

# 2-19. IR Receiver Unit (For circular flow cassette type: UTY-LBHXD)

Cassette type indoor unit can be controlled with Wireless Remote Controller if the IR Receiver Unit is used.

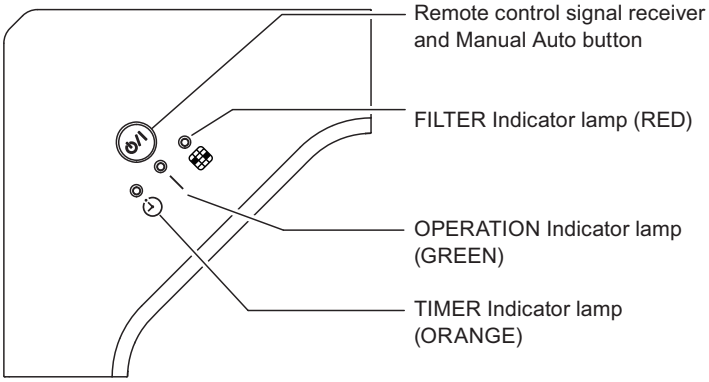
## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Strap | 1 | For preventing receiver from falling down |
| Cable tie | 2 | For electrical wiring |
| Installation manual | 1 | |

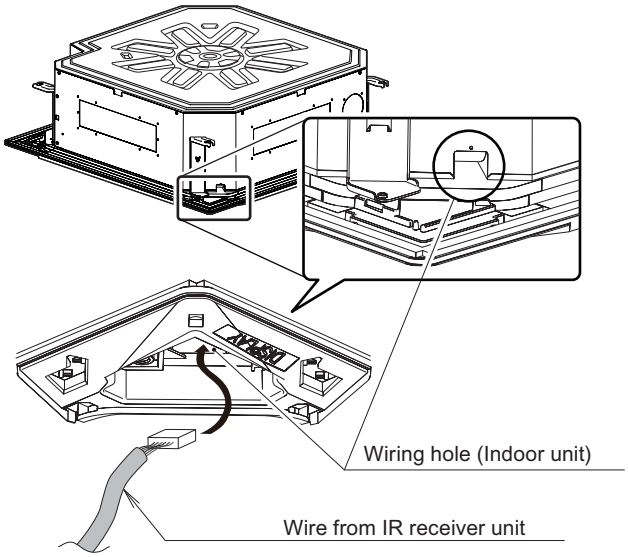


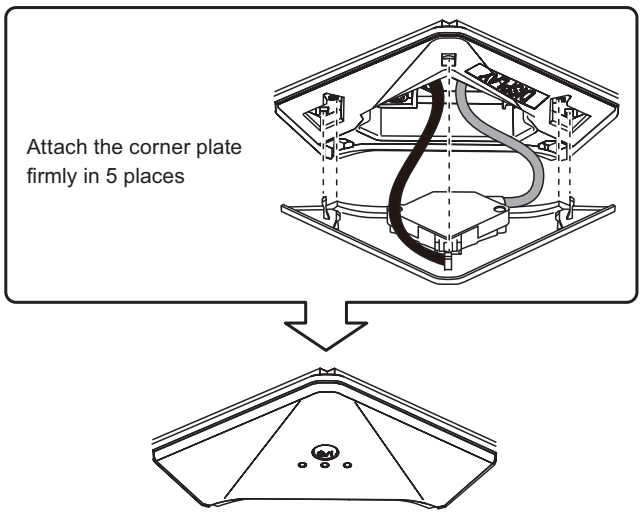
CONTROL SYSTEM

## ■ Overview



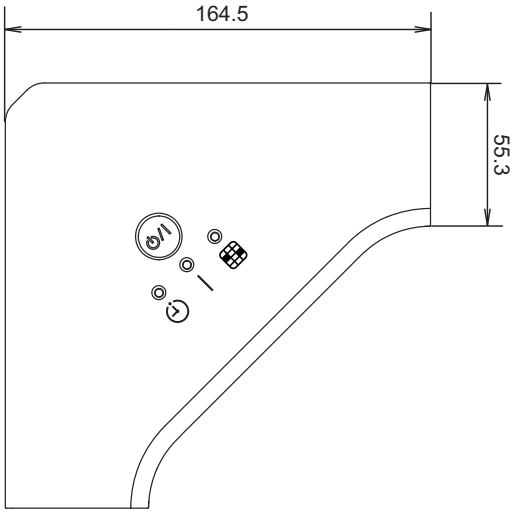

## ■ Electrical wiring



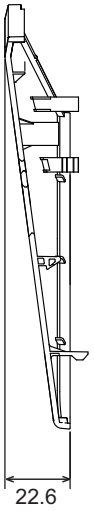



# ■ Dimensions

Unit: mm




Front View




Side View

# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 164.5 × 164.5 × 22.6 |
| Weight | g | 110 |

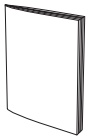


CONTROL SYSTEM

# 2-20. Human Sensor Kit (For circular flow cassette type: UTY-SHZXC)

Motion sensor save operation catches the movements of people for wide area and operation stop is also judged automatically.

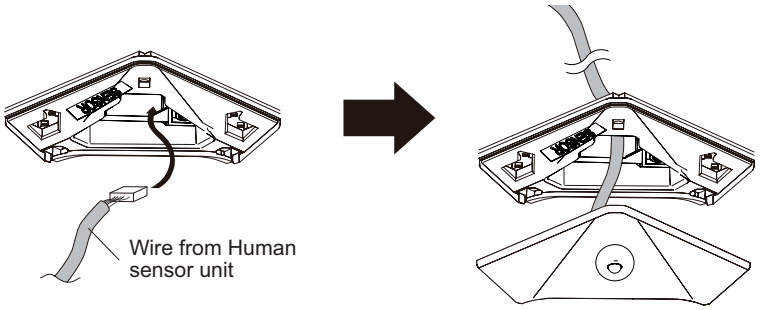
## ■ Accessory

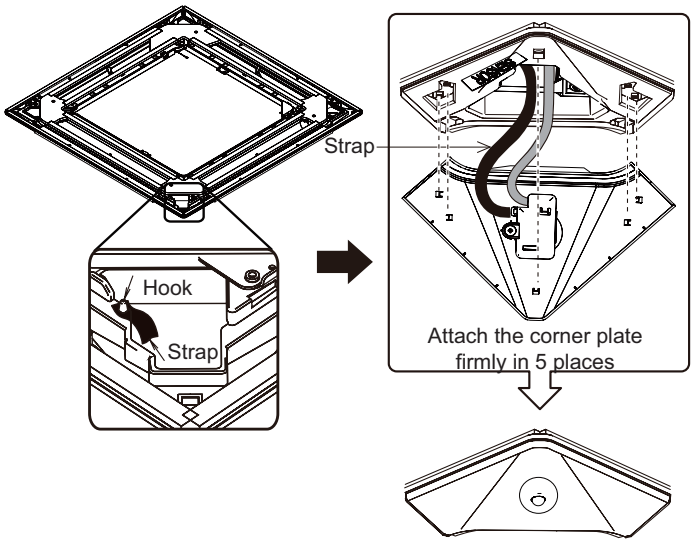
| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 3 | For binding wires |
| Strap | 1 | For preventing human sensor from falling down |
| Insulation | 3 | To fasten the human sensor wire |
|  Installation manual | 1 | |
| Operation manual | 1 | |



CONTROL SYSTEM

## ■ Electrical wiring



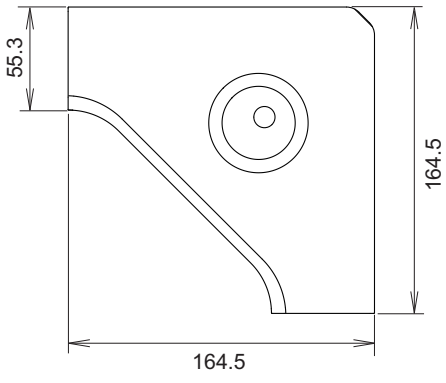





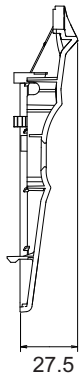

CONTROL SYSTEM

## ■ Dimensions

Unit: mm




Front View




Side View

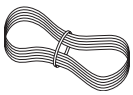
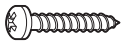
## ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 164.5 × 164.5 × 27.5 |
| Weight | g | 110 |

# 2-21. Remote Sensor Unit (UTY-XSZXZ1)

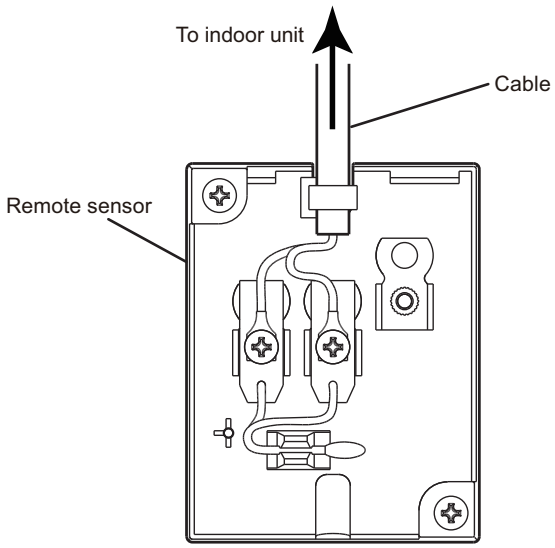
The remote sensor unit allows for flexible temperature sensing for optimum temperature control.

## ■ Accessory

| Name and shape | Q'ty | Name and shape | Q'ty |
|---|---|---|---|
|  Cable (10 m) | 1 | Installation manual | 1 |
| Screw (M4 × 10 mm) | 2 | Cord clamp | 1 |
|  Screw (M4 × 16 mm) | 2 | | |

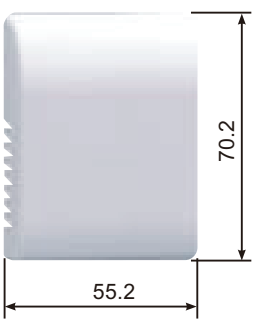
## ■ Electrical wiring

- Remove the screws from the remote sensor unit, and remove the cover.
- Connect the cable to the remote sensor unit as shown below.
- Ensure that the wires do not contact each other.




## ■ Dimensions

Unit: mm



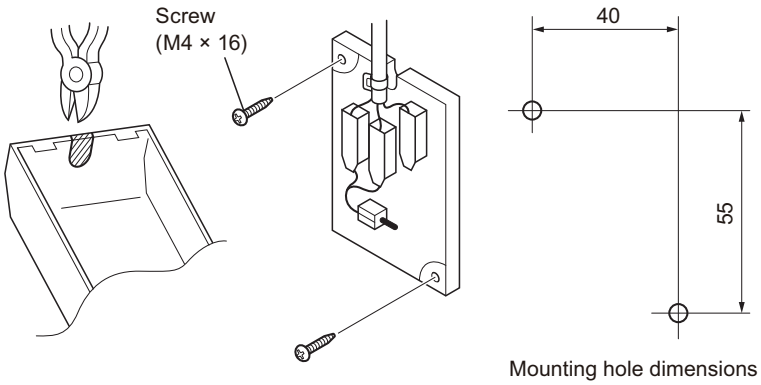


CONTROL SYSTEM

# ■ Installation

Unit: mm

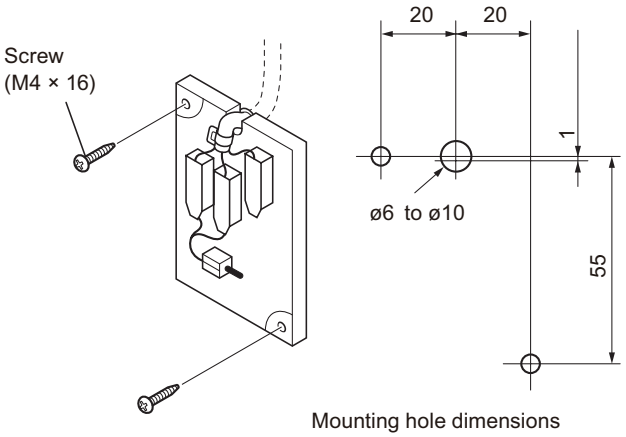
- **When the cable is attached to the wall:**
  - Remove the material covering the wiring penetration (thin material) in the cover of the sensor unit with a pair of cutters. The cable passes through this hole.
  - Attach the remote sensor unit on the wall using the screws.




Mounting hole dimensions

  - Fit the cover on the remote sensor unit and screw it in place.

- **When the cable is buried in the wall:**
  - Remove the material (thinner than the surrounding material) in the wiring hole on the remote sensor unit using a pair of cutters.
  - Drill a hole in the wall for the cable.
  - Seal the area around the cable penetration with putty.




Mounting hole dimensions

  - Fit the cover on the remote sensor unit and screw it in place.

# ■ Specifications

| | | |
|---|---|---|
| Dimensions (H × W × D) | mm | 70.2 × 55.2 × 18 |

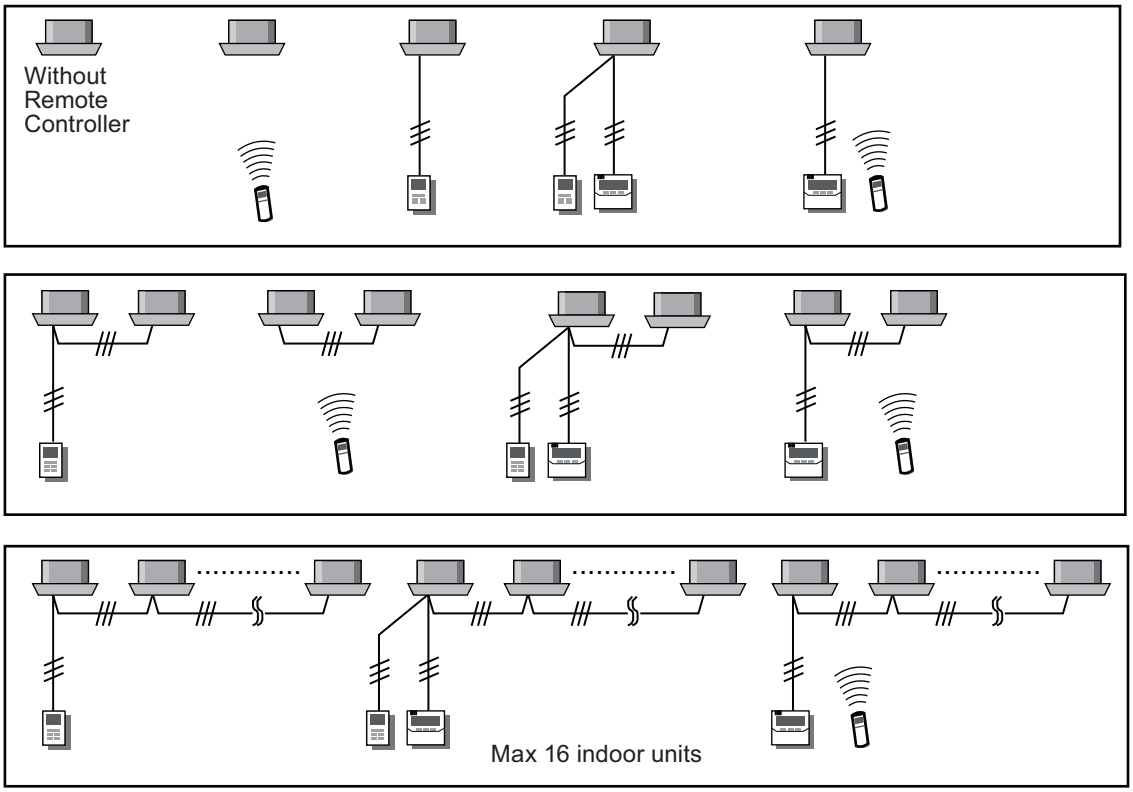

CONTROL SYSTEM

# 2-22. Group control method

## ■ Remote controller group

Wired, Simple, and Wireless remote controllers can be used simultaneously in the following combinations.

Examples of combination for remote controller group:




Connectable indoor unit number: 1 to 16

Connectable remote controller number: 0 to 2

**NOTES:**

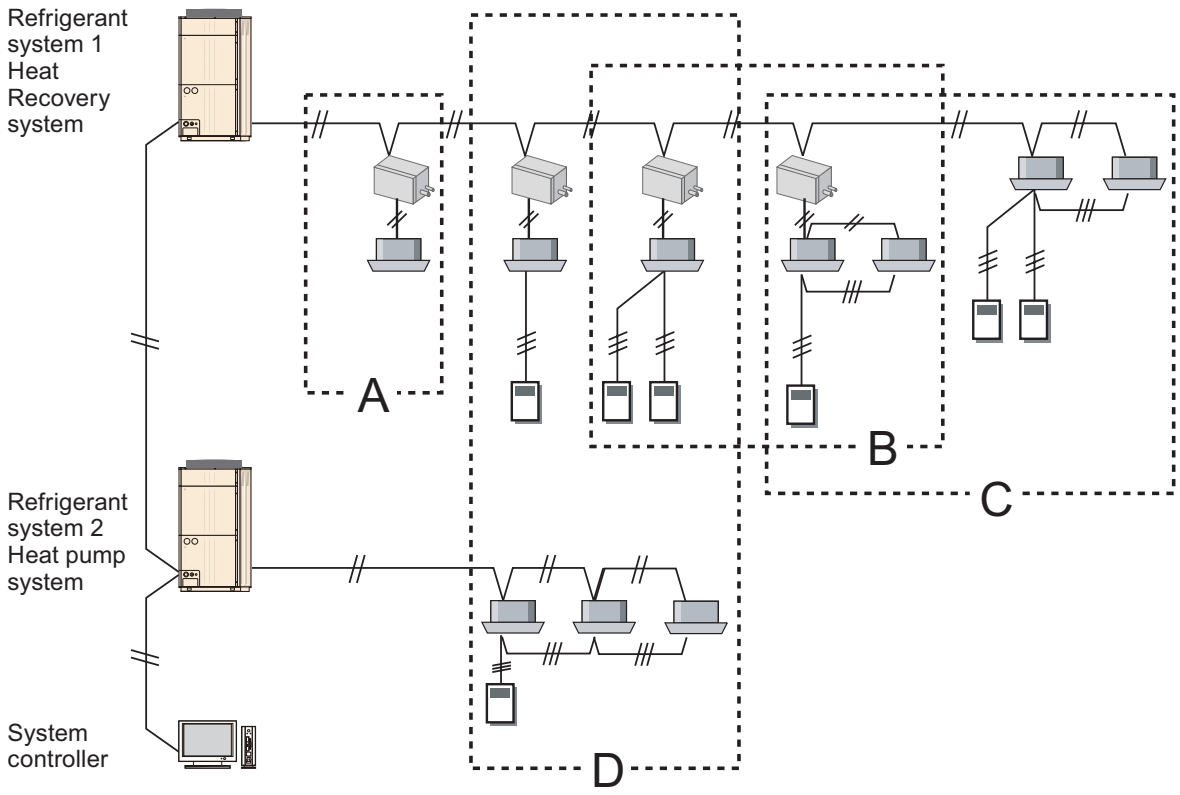
- Indoor unit in the same remote controller group will be same operation.
- Remote controller group spanning refrigerant system is not allowed.
- When using 2 remote controllers:
  - Last command is priority. (Operation mode might be fixed by system operation.)
  - Timer setting function become disable from subordinate remote controller or wireless remote controller.
- When the airflow direction is set with combination use of wireless remote controller and wired remote controller in the same remote controller group, airflow direction setting shown on the remote controllers may differ from actual louver position of the indoor unit.
- When using a wireless remote controller in connection with a group assignment, the airflow direction of the indoor units may not match.


CONTROL SYSTEM

# ■ Group

This function is used when operating a multiple number of remote controller group at a time from System Controller, Touch Panel Controller, or Central Remote Controller.

Example:




Group A: “Group” is possible with only one indoor unit.
Group B: “Group” is possible with spanning the RB unit groups.
Group C: “Group” is possible with spanning the RB unit group and indoor unit of cooling only type.
Group D: “Group” is possible with spanning the refrigerant systems.

**NOTE:** The contents of setting may not be reflected by operation status. (B, C, D group)


CONTROL SYSTEM

# 2-23. Comparison table of controllers

## • Central control

| Item | | System Controller | System Controller Lite | Touch Panel Controller | Central Remote Controller |
|---|---|---|---|---|---|
| **Model** | | **UTY-APGXZ1** | **UTY-ALGXZ1** | **UTY-DTG✱Z1** | **UTY-DCG✱Z3** |
| Maximum number of remote controller groups | | 1,600 | 400 | 400 | 100 |
| Max controllable indoor units | | 1,600 | 400 | 400 | 100 |
| Max controllable groups | | 1,600 | 400 | 400 | 50 |
| **Air conditioning control function** | | | | | |
| On/Off | | ● | ● | ● | ● |
| Operation mode setting | | ● | ● | ● | ● |
| Fan speed setting | | ● | ● | ● | ● |
| Room temp. setting | | ● | ● | ● | ● |
| Set Temperature Range Limitation | | ● | ● | ● | ● |
| Test operation | | — | — | ● | ● |
| Up/Down air direction flap setting | | ● | ● | ● | ● |
| Left/Right air direction flap setting | | ● | ● | ● | ● |
| Individual louver control | | ● | ● | ● | ● |
| Group setting | | ● | ● | ● | ● |
| RC prohibition | | ● | ● | ● | ● |
| Anti-freeze setting | | ● | ● | ● | ● |
| Set temp. auto return | | — | — | ● | ● |
| Economy mode setting | | ● | ● | ● | ● |
| Human sensor control | | ● | ● | ● | ●*2 |
| **Display** | | | | | |
| Failure | | ● | ● | ● | ● |
| Defrosting | | ● | ● | ● | ● |
| Current time | | ● | ● | ● | ● |
| Day of week | | ● | ● | ● | ● |
| RC prohibition | | ● | ● | ● | ● |
| Cooling/Heating priority | | ● | ● | ● | ● |
| Address display | | ● | ● | ● | ● |
| Room temp. | | ●*3 | ●*3 | ●*3 | ●*3 |
| Multi-language | | ● | ● | ● | ● |
| Summer time | | ● | ● | ● | ● |
| Name registration | | ● | ● | ● | ● |
| Backlight | | — | — | ● | ● |
| 2D floor layout/3D floor layout | | ● | — | — | — |
| Refrigerant Leak Detection function | | ● | ● | ● | ● |
| **Timer** | | | | | |
| Schedule timer | Period | Year | Year | Year | Year |
| | On/Off, Temp., Mode, Times per day | 144 | 144 | 20 | 20 |
| On/Off timer | | — | — | — | — |
| Sleep timer | | — | — | — | — |
| Program timer | | — | — | — | — |
| Auto-Off Timer | | — | — | — | ● |
| Day off timer | | ● | ● | ● | ● |
| Min. unit of timer setting (Minutes) | | 10 | 10 | 10 | 10 |
| **Control** | | | | | |
| Status monitoring system | | ● | ● | ● | ● |
| Electricity charge calculation | | ● | ○ | ○ | — |
| Error history | | ● | ● | ● | ● |
| Emergency stop | | — | — | ●*4 | ●*3 |
| Remote management | | ● | ○ | ● | ● |
| Energy saving management | | ○ | ○ | — | — |
| E-mail notification for malfunction | | ● | ● | ● | ● |
| Key lock | | ● Password setting | ● Password setting | ● Password setting | ● Password setting |
| Low noise mode | | ● | ● | ● | ● |

**NOTES:**

- *1: Up to 2 refrigerant systems.
- *2: Available only when using version 2 or later.
- *3: Available only when using wired remote controller.
- *4: Available only through external input control.
- ●: Supported, ○: Optional function, —: Not supported yet



CONTROL SYSTEM

## • Individual control

| Item | | Wired Remote Controller (Touch Panel) | | Wired Remote Controller | Wired Remote Controller | Wired Remote Controller | Simple Remote Controller | Simple Remote Controller*1 | Wireless Remote Controller |
|---|---|---|---|---|---|---|---|---|---|
| Model | | UTY-RNR∗Z∗ | UTY-RVR∗ | UTY-RLR∗ | UTY-RCR∗Z1 | UTY-RNK∗ | UTY-RSR∗ (UTY-RSK∗) | UTY-RHR∗ (UTY-RHK∗) | UTY-LNH∗ |
| Maximum number of remote controller groups | | 1 | 1 | 1 | — | 1 | 1 | 1 | 1 |
| Max controllable indoor units | | 16 | 16 | 16 | 1 | 16 | 16 | 16 | 16 |
| Max controllable groups | | — | — | — | — | — | — | — | — |
| **Air conditioning control function** | | | | | | | | | |
| On/Off | | ● | ● | ● | ● | ● | ● | ● | ● |
| Operation mode setting | | ● | ● | ● | ● | ● | ● | — | ● |
| Fan speed setting | | ● | ● | ● | ● | ● | ● | ● | ● |
| Comfort airflow | | ●*2 | ●*2 | — | ● (—) | — | — | — | — |
| Room temp. setting | | ● | ● | ● | ● | ● | ● | ● | ● |
| Room temp. set point limitation | | ● | ● | ● | — | — | ● (—) | ● (—) | — |
| Test operation | | ● | ● | ● | ● | ● | ● | ● (—) | ● |
| Up/Down air direction flap setting*3 | | ● | ● | ● | ● | ● | ● (—) | ● (—) | ● |
| Left/Right air direction flap setting*3 | | ● | ● | ● | ● (—) | ● | — | — | ● |
| Individual louver control | | ● | ● | — | — | — | — | — | — |
| Group setting | | — | — | — | — | — | — | — | — |
| RC prohibition | | — | — | — | — | — | — | — | — |
| Anti-freeze setting | | ● | ● | — | — | — | — | — | — |
| Set temp. auto return | | ● | ● | ● | — | — | — | — | — |
| Economy mode setting | | ● | ● | ● | — | ● | — | — | ● |
| Human sensor control | | ● | ● | — | — | — | — | — | — |
| Lead lag setting | | ●*4 | — | — | — | — | — | — | — |
| **Display** | | | | | | | | | |
| Failure | | ● | ● | ● | ● | ● | ● | ● | — |
| Defrosting | | ● | ● | ● | — | ● | ● | ● | — |
| Current time | | ● | ● | ● | — | ● | — | — | ● |
| Day of week | | ● | ● | ● | — | ● | — | — | — |
| RC prohibition | | ● | ● | ● | ● | ● | ● | ● | — |
| Cooling/Heating priority | | ● | ● | ● | ● | ● | ● | ● | — |
| Address display | | ● | ● | ● | ● | ● | ● | ● | — |
| Room temp. | | ●*5 | ● | — | ● | — | ● (—) | ● (—) | — |
| Multi-language | | ● | ● | — | — | — | — | — | — |
| Summer time | | ● | ● | ● | — | — | — | — | — |
| Name registration | | ● | ● | — | — | — | — | — | — |
| Backlight | | ● | ● | — | ● | — | ● | ● | — |
| 2D floor layout/3D floor layout | | — | — | — | — | — | — | — | — |
| Refrigerant Leak Detection function | | — | — | — | — | — | — | — | — |
| Display sensor values | | ●*4 | ● | — | — | — | — | — | — |
| **Timer** | | | | | | | | | |
| Schedule timer | Period | Week | Week | Week | — | Week | — | — | — |
| | On/Off, Temp., Mode, Times per day | 8 | 8 | 8 | — | 4 | — | — | — |
| On/Off timer | | ● | ● | ● | ● (Off only) | ● | — | — | ● |
| Sleep timer | | — | — | — | — | — | — | — | ● |
| Program timer | | — | — | — | — | — | — | — | ● |
| Auto-Off Timer | | ● | ● | ● | — | — | — | — | — |
| Day off timer | | ● | ● | ● | — | ● | — | — | — |
| Min. unit of timer setting (Minutes) | | 10 to 30 | 1 to 10 | 30 | — | 30 | — | — | 5 |
| **Control** | | | | | | | | | |
| Status monitoring system | | — | — | — | — | — | — | — | — |
| Electricity charge calculation | | — | — | — | — | — | — | — | — |
| Error history | | ● | ● | ● | — | ● | — | — | — |
| Emergency stop | | — | — | — | — | — | — | — | — |
| Remote management | | — | — | — | — | — | — | — | — |
| Energy saving management | | — | — | — | — | — | — | — | — |
| E-mail notification for malfunction | | — | — | — | — | — | — | — | — |
| Key lock | | ● Child lock | ● Child lock | ● Child lock Part lock | — | — | — | — | — |
| Low noise mode | | — | — | — | — | — | — | — | — |
| **Initial setting via Bluetooth** | | | | | | | | | |
| Remote controller initial setting | | — | ●*6 | — | — | — | — | — | — |
| Logo data | | — | ●*6 | — | — | — | — | — | — |
| Function setting | | — | ●*6 | — | — | — | — | — | — |

**NOTES:**

- *1: “Operation mode” setting is not available for this model.
- *2: It is enable when UTY-RNR∗Z∗ connected to 3D flow cassette
- *3: When the airflow direction is set with combination use of wireless remote controller and wired remote controller, airflow direction setting shown on the remote controllers may differ from actual louver position of the indoor unit.
- *4: Available only for UTY-RNR∗Z∗ version 5 or later.
- *5: Room temperature correction function is available only for UTY-RNR∗Z∗ version 5 or later.
- *6: To use this function, the mobile app (AIRSTAGE Remo Set) must be installed on your smart device.
- ●: Supported, ○: Optional function, —: Not supported yet



CONTROL SYSTEM

# 3. Adaptor/Convertor units

**RELATED LINKS**

"Adapter/Converter/Maintenance tool" in Chapter 1. GENERAL INFORMATION on page 01-14

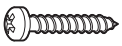
## 3-1. Network Converter (UTY-VTGX)

- With this Network Converter, single split type and multi system air conditioners can be controlled by System Controller, Touch Panel Controller, Central Remote Controller in VRF network system or by Wired Remote Controller connected to the Network Converter.
- Start/Stop, operation mode, temperature setting, fan speed, etc. can be done with these controllers.
- One Network Converter can be connected and controlled up to 16 indoor units.
- One Wired Remote Controller is possible for one Network Converter by UTY-VTGX.
- Up to 100 Network Converter can be connected in one VRF network system. (One Network Converter is regarded as one refrigerant system. The total refrigerant system in one VRF network system must be within 100.)

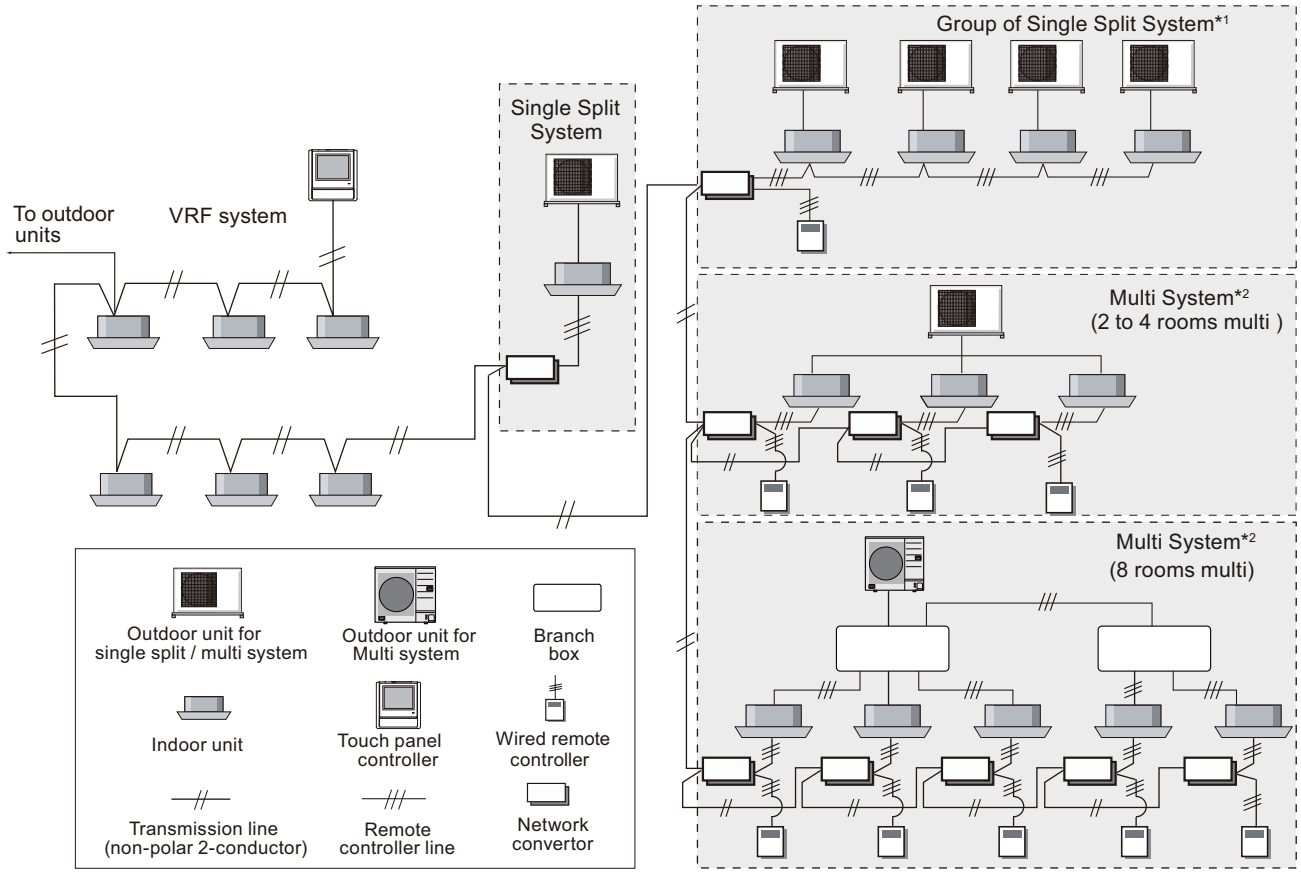


CONTROL SYSTEM

### ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 4 | For mounting the remote controller cable and transmission cable |
|  Screw (M4 × 16 mm) | 3 | For mounting the Network Converter |
| Installation manual | 1 | |

# ■ System diagram




*1: All indoor units connected to a Network Converter are operated under same status.

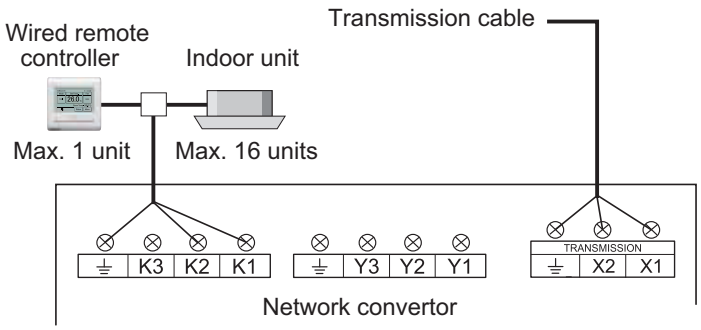
*2: Network Converter is necessary for each indoor unit to control indoor unit individually.



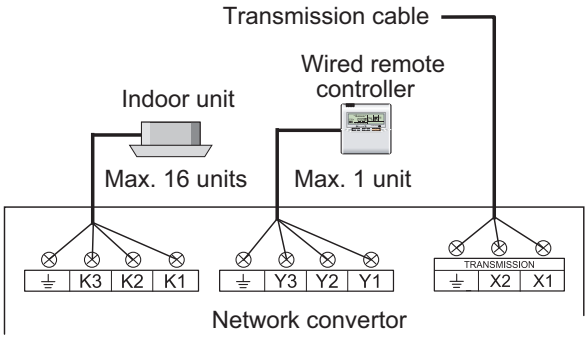
CONTROL SYSTEM

# ■ Electrical wiring

- **For non-polar 2 wire**




- **For polar 3 wire**



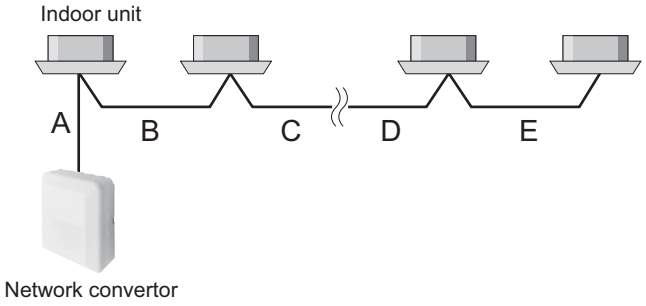

**NOTES:**

- Do not bind the power cable and the remote controller cable to avoid erroneous operation.
- Use shielded cable for transmission cable in accordance with the regional cable standard.
- Use PVC sheathed cable or shielded cable for remote controller cable in accordance with the regional cable standard.
- Use ground wire to ground the Network Converter.


CONTROL SYSTEM

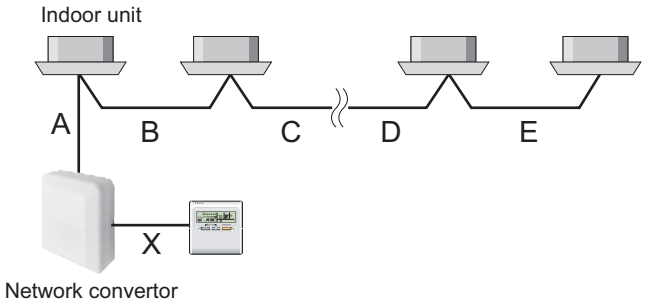
# ■ Limited wiring length

- **For non polar 2-wire**
  Up to 4 remote controllers can be used to operate the indoor units.




A, B, C, D, E: Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)
A ≤ 2 m, A + B + C + D + E ≤ 500 m

- **For polar 3-wire**




A, B, C, D, E, X: Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)
A ≤ 2 m, A + B + C + D + E ≤ 100 m and X ≤ 100 m


CONTROL SYSTEM

# ■ Connectable remote controllers

3 types of wired remote controller shown in the table below can be connected to this product.
This product is connectable to indoor units that following wired remote controllers can be connected.

| Model name | RC number | Type |
|---|---|---|
| UTY-R∗R∗Z∗ | AR-WEC∗∗<br>AR-WED∗∗<br>AR-WEE∗∗<br>AR-WEF∗∗<br>AR-WFA∗∗<br>AR-WFB∗∗<br>AR-WFC∗∗<br>AR-WFD∗∗<br>AR-WGA∗∗<br>AR-WGB∗∗ | Non polar 2-wire |
| UTB-YUD | AR-6TC∗∗ | Polar 3-wire |
| UTY-R∗N∗M<br>UTY-R∗K∗ | AR-WAE∗∗<br>AR-WAF∗∗<br>AR-WAG∗∗<br>AR-WBE∗∗<br>AR-WBF∗∗<br>AR-WBG∗∗<br>AR-WDC∗∗<br>AR-WDD∗∗ | |

∗: Numerical character or alphabetical character

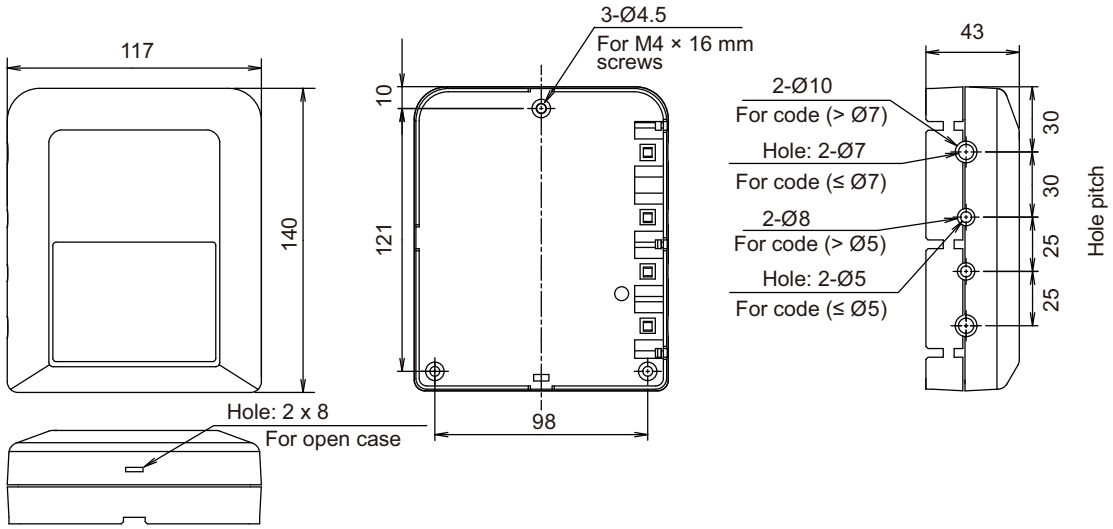

CONTROL SYSTEM

# ■ Functions

| Operation | Non polar 2-wire | Polar 3-wire |
|---|---|---|
| Operation of louver from VRF | ○ | × |
| Operation of louver from wired remote controller | ○ | ○ |
| Restriction of wireless remote controller from central control | ○ | × |
| Restriction of wired remote controller from central control | ○ | ○ |
| Anti-freeze | × | × |
| Setting high and low temperature limit | ○ | × |
| Indoor Unit Lead Lag | × | × |
| Turning off indoor unit external thermostat | × | × |
| Outdoor unit forced stop | × | × |
| Outdoor Unit Capacity Limit | × | × |
| Outdoor unit low noise | × | × |
| Electricity distribution | × | × |
| Display model name | × | × |
| System time | ○ | × |
| Remote setting | × | × |
| Local setting by the wired remote controller | ○ | × |

# ■ Dimensions

Unit: mm




# ■ Specifications

| | | | |
|---|---|---|---|
| Input power | | W | 2 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 140 × 117 × 43 |
| Weight | | g | 250 |

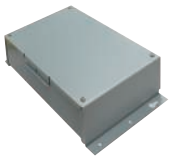
CONTROL SYSTEM

CONTROL SYSTEM

## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Transmission cable | 0.33 $mm^2$<br>(22 AWG) | LEVEL 4 (NEMA)<br>Non-polar 2 core, twisted pair solid core shielded | LonWorks compatible cable |
| Remote controller cable<br>(2-wire type) | 0.33 to 1.25 $mm^2$<br>(22 to 16 AWG) | Non-polar 2 core | Use PVC sheathed cable or shielded cable in accordance with the regional cable standard. |
| Remote controller cable<br>(3-wire type) | 0.33 $mm^2$<br>(22 AWG) | Polar 3 core | |

# 3-2. Network Converter (UTY-VTGXV)



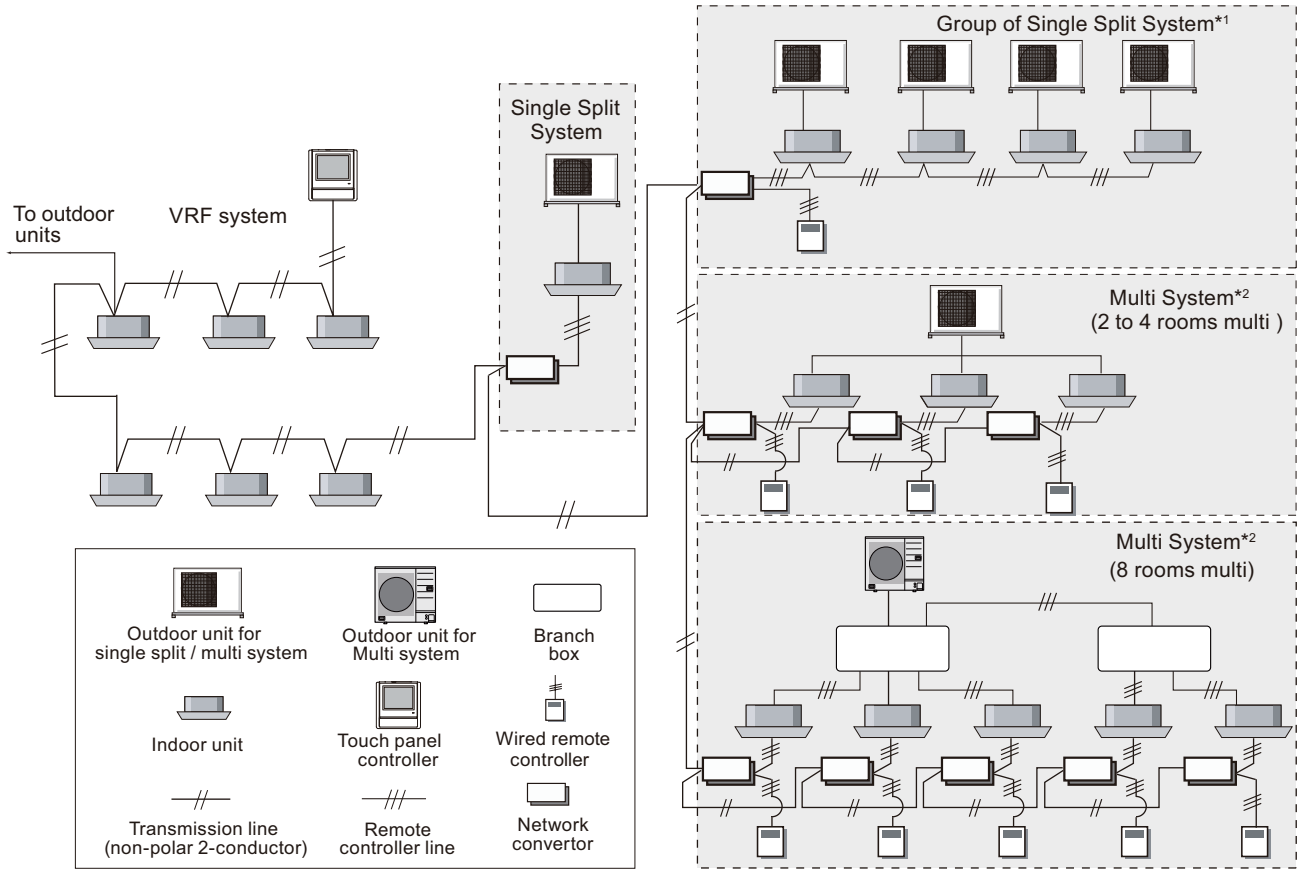
- With this Network Converter, single split type and multi system air conditioners can be controlled by System Controller, Touch Panel Controller, Central Remote Controller in VRF network system or by Wired Remote Controller connected to the Network Converter.
- Start/Stop, operation mode, temperature setting, fan speed, etc. can be done with these controllers.
- One Network Converter can be connected and controlled up to 16 indoor units.
- Two Wired Remote Controllers are possible for one Network Converter by UTY-VTGXV.
- Up to 100 Network Converters can be connected in one VRF network system. (One Network Converter is regarded as one refrigerant system. Total refrigerant systems in one VRF network system must be within 100.)

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 7 | For mounting the remote controller cable and transmission cable |
| Screw (M4 × 16 mm) | 4 | For mounting the Network Converter |
| Installation manual | 1 | |


CONTROL SYSTEM

# ■ System diagram




*1: All indoor units connected to a Network Converter are operated under same status.

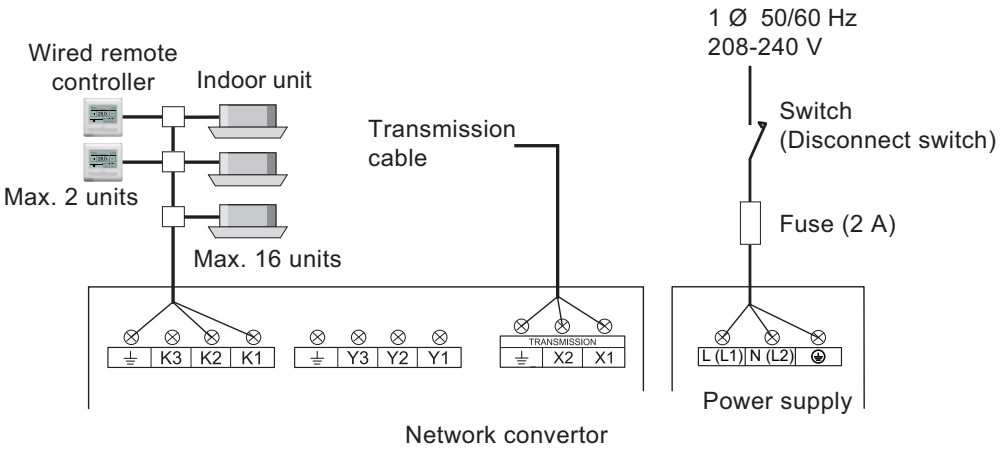
*2: Network Converter is necessary for each indoor unit to control indoor unit individually.



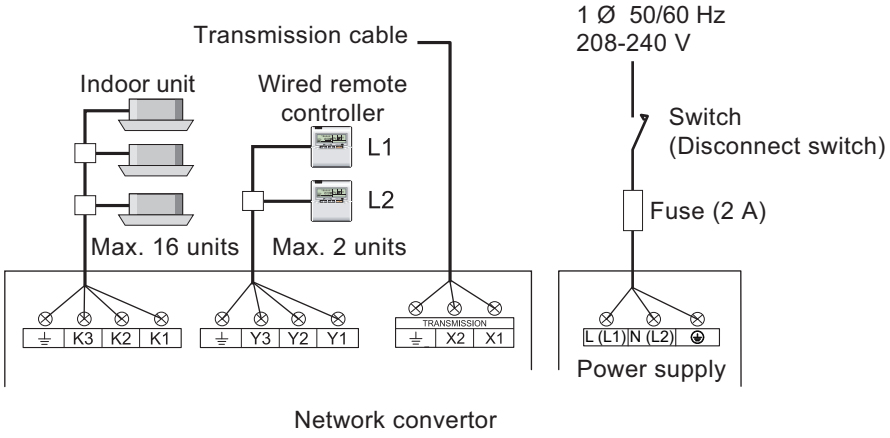
CONTROL SYSTEM

# ■ Electrical wiring

- **For non-polar 2 wire**




- **For polar 3 wire**



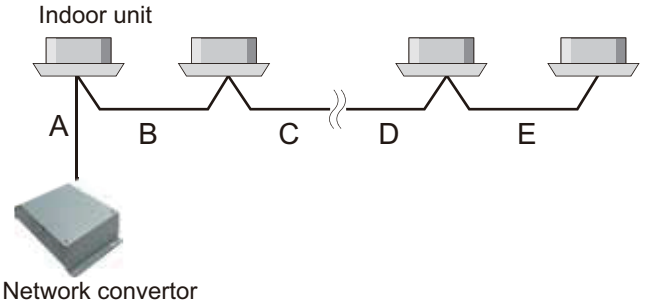

**NOTES:**

- Do not bind the power cable and the remote controller cable to avoid erroneous operation.
- Use shielded cable for transmission cable in accordance with the regional cable standard.
- Use PVC sheathed cable or shielded cable for remote controller cable in accordance with the regional cable standard.
- Use ground wire to ground the Network Converter.


CONTROL SYSTEM

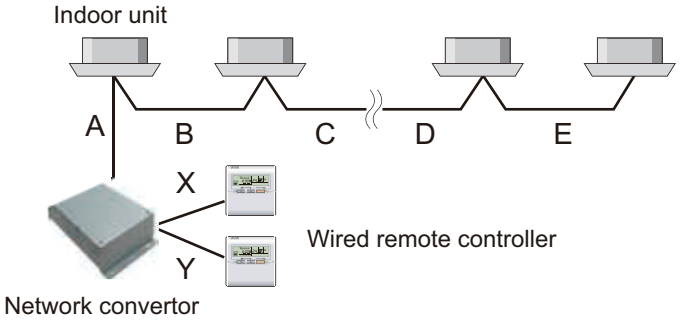
# ■ Limited wiring length

- **For non polar 2-wire**
  Up to 4 remote controllers can be used to operate the indoor units.




A, B, C, D, E: Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)
A ≤ 2 m, A + B + C + D + E ≤ 500 m

- **For polar 3-wire**




A, B, C, D, E, X, Y: Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN on page 06-175.)
A ≤ 2 m, A + B + C + D + E ≤ 100 m and X + Y ≤ 100 m


CONTROL SYSTEM

# ■ Connectable remote controllers

3 types of wired remote controller shown in the table below can be connected to this product.
This product is connectable to indoor units that following wired remote controllers can be connected.

| Model name | RC number | Type |
|---|---|---|
| UTY-R∗R∗Z∗ | AR-WEC∗∗<br>AR-WED∗∗<br>AR-WEE∗∗<br>AR-WEF∗∗<br>AR-WFA∗∗<br>AR-WFB∗∗<br>AR-WFC∗∗<br>AR-WFD∗∗<br>AR-WGA∗∗<br>AR-WGB∗∗ | Non polar 2-wire |
| UTB-YUD | AR-6TC∗∗ | Polar 3-wire |
| UTY-R∗N∗M<br>UTY-R∗K∗ | AR-WAE∗∗<br>AR-WAF∗∗<br>AR-WAG∗∗<br>AR-WBE∗∗<br>AR-WBF∗∗<br>AR-WBG∗∗<br>AR-WDC∗∗<br>AR-WDD∗∗ | |

∗: Numerical character or alphabetical character

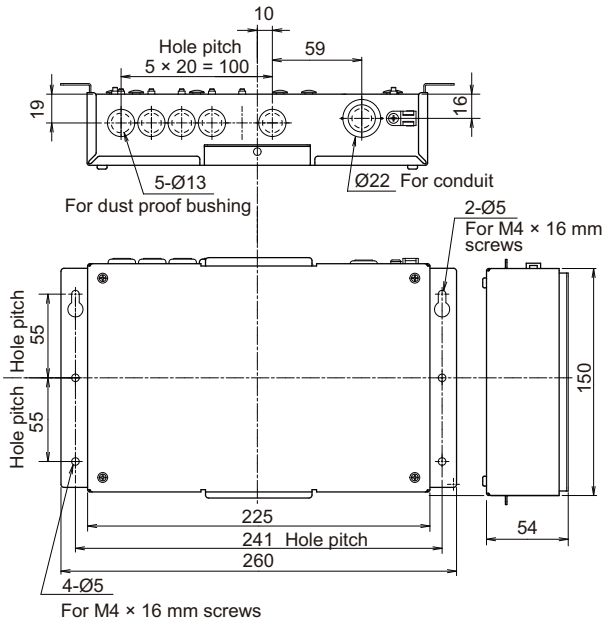

CONTROL SYSTEM

# ■ Functions

| Operation | Non polar 2-wire | Polar 3-wire |
|---|---|---|
| Operation of louver from VRF | ○ | × |
| Operation of louver from wired remote controller | ○ | ○ |
| Restriction of wireless remote controller from central control | ○ | × |
| Restriction of wired remote controller from central control | ○ | ○ |
| Anti-freeze | × | × |
| Setting high and low temperature limit | ○ | × |
| Indoor Unit Lead Lag | × | × |
| Turning off indoor unit external thermostat | × | × |
| Outdoor unit forced stop | × | × |
| Outdoor Unit Capacity Limit | × | × |
| Outdoor unit low noise | × | × |
| Electricity distribution | × | × |
| Display model name | × | × |
| System time | ○ | × |
| Remote setting | × | × |
| Local setting by the wired remote controller | ○ | × |

# ■ Dimensions

Unit: mm




# ■ Specifications

| | | | |
|---|---|---|---|
| Power supply | | V | 1 Ø AC 208—240 |
| Power source frequency | | Hz | 50/60 |
| Input power | | W | 3.0 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 54 × 260 × 150 |
| Weight | | g | 1,100 |
| Fuse capacity | | A | 2 |

# ● Wiring specifications

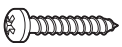
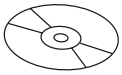
| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Power cable (using remote control cable) | 0.5 to 1.25 $mm^2$ (20 to 16 AWG) | 60245 IEC 57 or equivalent | 1 Ø AC 208—240 V 50/60 Hz, 2 wire + ground (Always ground the unit) |
| Transmission cable | 0.33 $mm^2$ (22 AWG) | LEVEL 4 (NEMA)<br>Non-polar 2 core, twisted pair solid core shielded | LonWorks compatible cable |
| Remote controller cable (2-wire type) | 0.33 to 1.25 $mm^2$ (22 to 16 AWG) | Non-polar 2 core | Use PVC sheathed cable or shielded cable in accordance with the regional cable standard. |
| Remote controller cable (3-wire type) | 0.33 $mm^2$ (22 AWG) | Polar 3 core | |


CONTROL SYSTEM

# 3-3. Network Converter for LonWorks (UTY-VLGX)

- The convertor for connecting VRF network system to the BMS system built by LonWorks open network, for manage small to medium sized BMS and VRF network system.
- Maximum of 128 indoor units can be connected to one Network Converter for LonWorks.
- VRF system can be centrally controlled or monitored from BMS via UTY-VLGX.
- Maximum 4 Network Converter for LonWorks can be connected to 1 BMS.

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 3 | For mounting the power supply cable and transmission cable |
|  Screw (M4 × 20 mm) | 4 | For mounting the Network Converter |
| Dust proof bushing | 1 | For connecting the power supply cable |
|  CD-ROM | 1 | Includes the software and manuals of tools for Network Converter |
| Connector cable | 1 | For initial setting tool |
| Installation manual | 1 | |

## ■ Other required devices (Locally purchased)

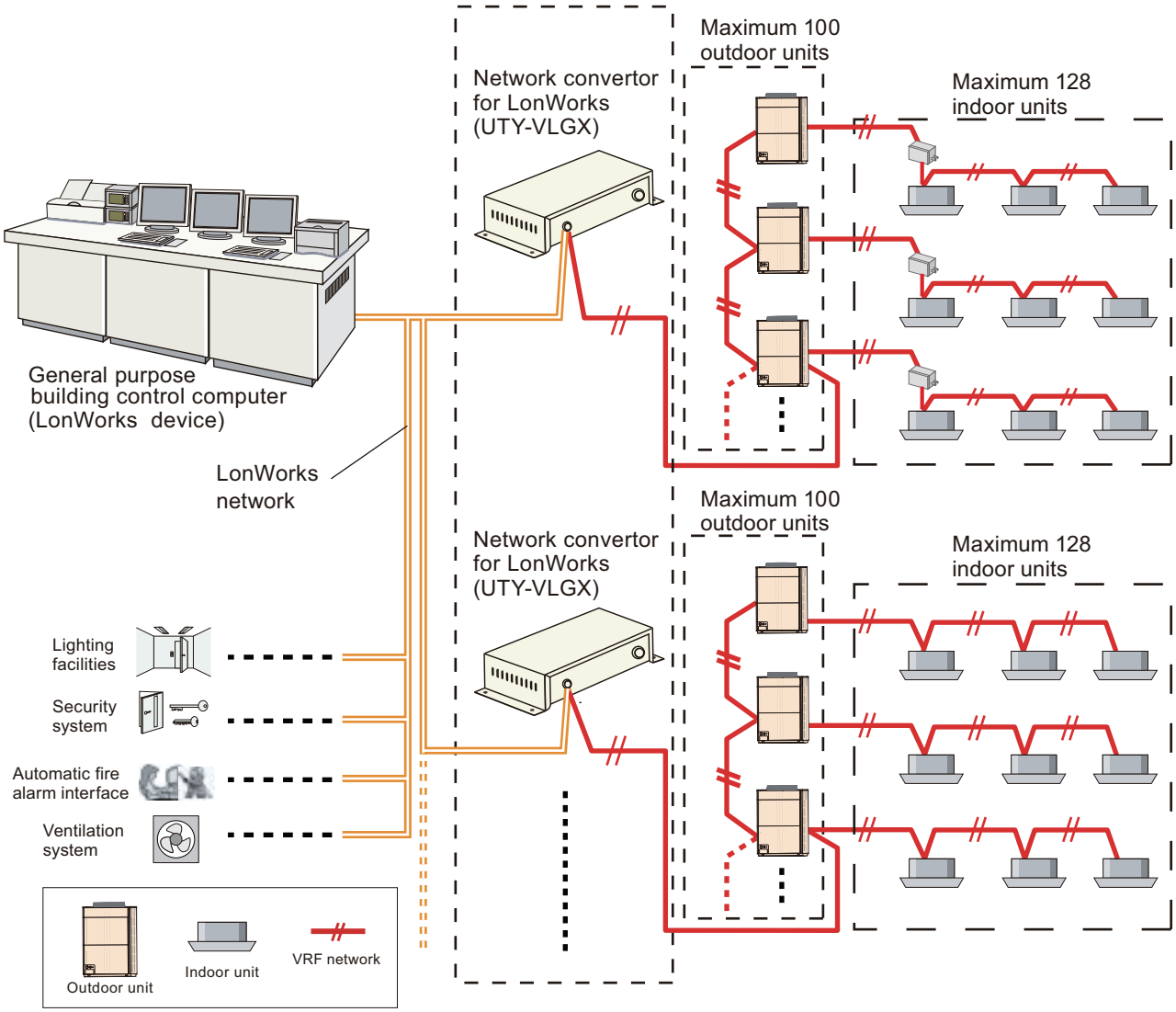
- To install tool for convertor, personal computer that satisfies the following system requirements is necessary.

| Personal computer system requirement | |
|---|---|
| Operating system | • Microsoft Windows 10 Home (32-bit or 64-bit)<br>• Microsoft Windows 10 Pro (32-bit or 64-bit)<br>• Microsoft Windows 11 Home (64-bit)<br>• Microsoft Windows 11 Pro (64-bit)<br><br>Supported Language: English and Chinese |
| Memory | 1 GB or more |
| Display | 1,024 × 768 or higher resolution, 16-bit or higher color |
| Interface | RS232C serial port × 1 (Use "COM1" port) |
| Software | Adobe Reader 9.0 or later |
| Optical drive | CD-ROM drive |


CONTROL SYSTEM

# ■ System diagram

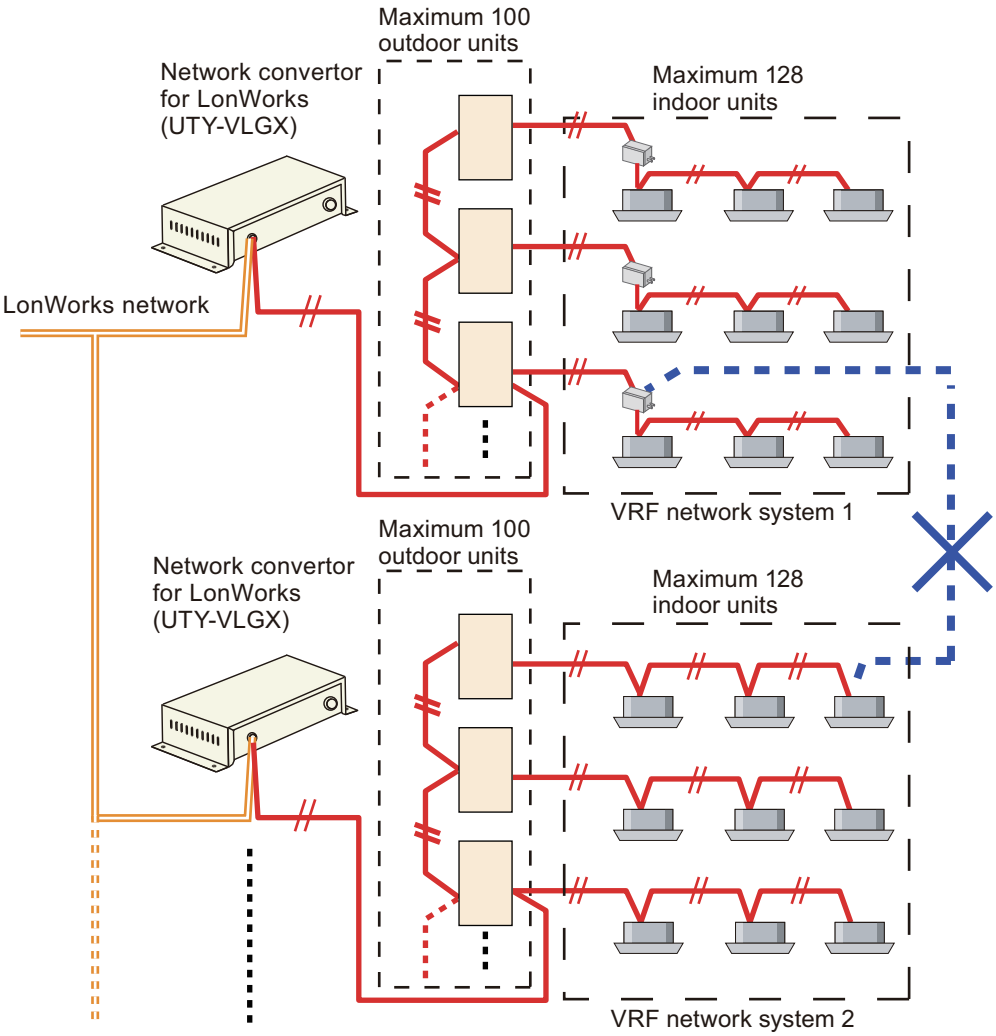
- **Proper system diagram**



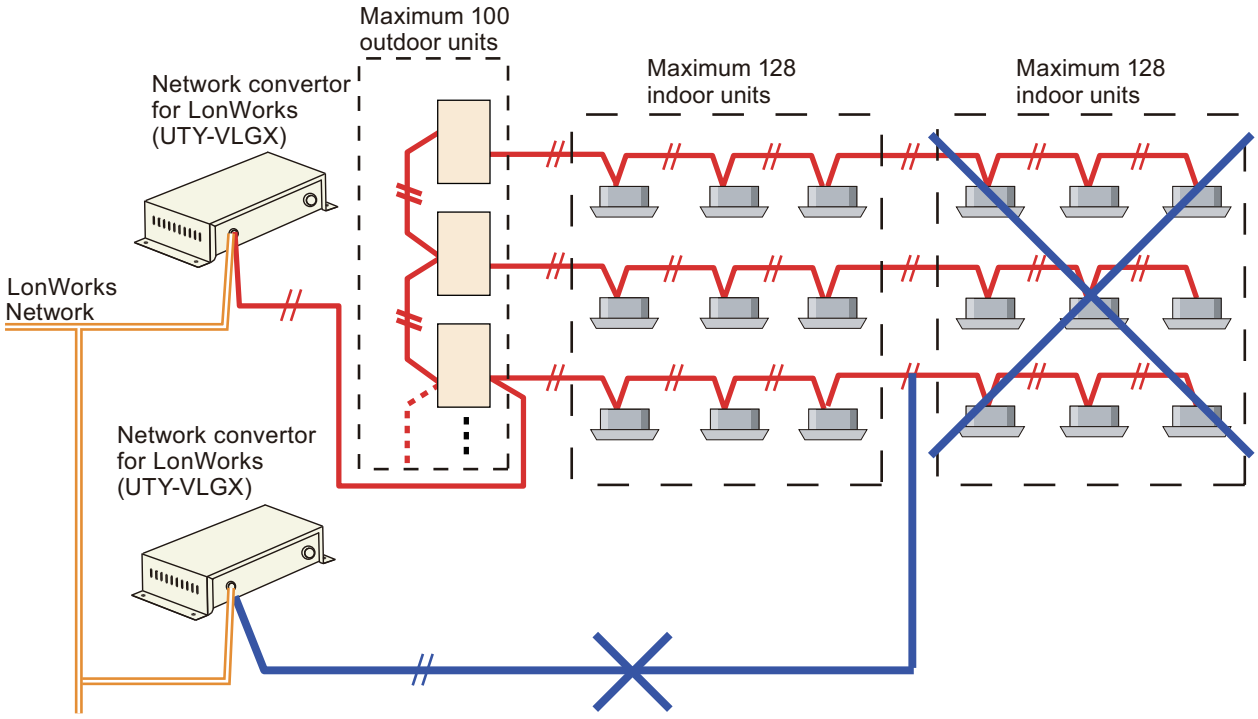



CONTROL SYSTEM

- **Improper system diagram**
  - Example 1 (Prohibited)



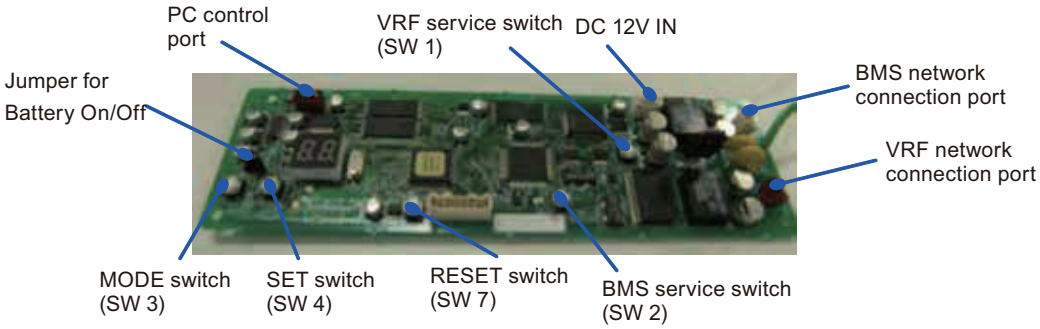

  - Example 2 (Prohibited)



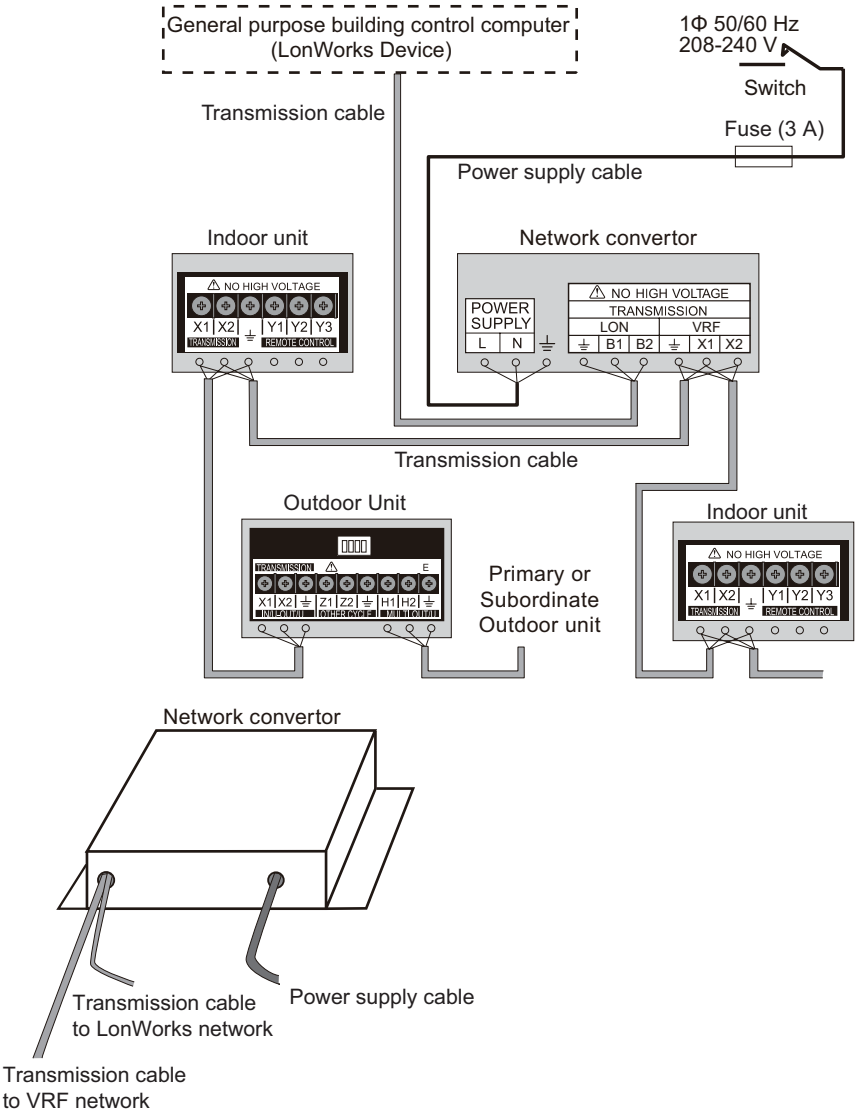


CONTROL SYSTEM

# ■ Component location of PCB




# ■ Electrical wiring




**NOTES:**

- Do not bind the power cable and transmission cable to avoid an errorneous operation.
- Use shielded cable for transmission cable. The shield metal should be grounded.
- Do not forget to ground the Network Converter.



CONTROL SYSTEM

# ■ Functions

- **Indoor unit control**
  - Individual control
    Commands from LonWorks network are sent to the respective indoor units.
    (LonWorks network → respective indoor units of VRF network)

  - Group Control
    Commands from LonWorks network are sent to all indoor units connected to VRF network.
    (LonWorks network → All indoor units of VRF network)

- **Indoor unit status monitoring**
  Indoor unit status is communicated to the LonWorks network in the form of Lon network variables.
  (LonWorks network ← All indoor units of VRF network)

## ● Control and monitoring items

| Item | Function | Description |
|---|---|---|
| Indoor unit control (Individual/Batch) | On/Off Command*1 | Start/Stop operation |
| | Operation mode setting | Cooling/Heating/Auto/Fan/Dry |
| | Temperature setting | Set room temperature |
| | Airflow mode setting | Set airflow |
| | Setpoint temperature limit Setting | Set room temperature lower limit & room temperature upper limit |
| | Thermostat off setting*1*2 | Thermostat off (Only one controller in VRF network system can do this.) |
| | Centrally control (Filter reset) | Prohibition of filter sign reset of remote controller |
| | Centrally control (All mode) | Prohibition of all mode of remote controller |
| | Centrally control (Timer mode) | Prohibition of timer mode of remote controller |
| | Centrally control (Set temperature mode) | Prohibition of set temperature mode of remote controller |
| | Centrally control (On/Off mode) | Prohibition of On/Off mode of remote controller |
| | Centrally control (On mode) | Prohibition of On mode of remote controller |
| | Centrally control (Operation mode) | Prohibition of operation mode of remote control |
| Indoor unit control (Individual) | Filter sign reset | Set filter sign reset command |
| | Anti-freeze setting | Set anti-freeze command |
| | Energy save mode setting | Set energy save command |
| Indoor unit control (Batch) | Time setting | Set time setting command (The controllers those are connected in VRF network system are an object.) |
| | Emergency stop setting | Set emergency stop command |
| Outdoor unit control (Individual) | Outdoor unit low noise | Outdoor unit low noise level setting |
| | Outdoor Unit Capacity Limit | Outdoor unit capacity limit setting |


CONTROL SYSTEM

| Item | Function | Description |
|---|---|---|
| Indoor unit monitoring (Individual) | On/Off Status*1 | The indoor unit which is now operating can be monitored in all indoor units |
| | Operation mode setting status | Cooling/Heating/Auto/Fan/Dry mode status |
| | Temperature setting status | Room set temperature status |
| | Airflow mode setting status | Airflow mode status |
| | Setpoint temperature limit status | Room set temperature limit status |
| | Thermostat off setting status*1*2 | Thermostat off set value status |
| | Centrally control (Filter reset) status | Remote controller filter reset prohibition status |
| | Centrally control (All mode) status | Remote controller all mode prohibition status |
| | Centrally control (Timer mode) status | Remote controller timer mode prohibition status |
| | Centrally control (Set temperature) status | Remote controller set temp. prohibition status |
| | Centrally control (On/Off) status | Remote controller On/Off prohibition status |
| | Centrally control (On) status | Remote controller On prohibition status |
| | Centrally control (Operation) status | Remote controller operation prohibition status |
| | Anti-freeze setting status | Anti-freeze set status |
| | Energy save mode setting status | Energy save mode set status |
| | Filter sign reset status | Filter sign reset status |
| | Room temperature status | Room temperature status |
| | Error code status | Error code status can be monitored. |
| | Operation mode restriction status | Restriction item*3 can be monitored. |
| Indoor unit monitoring (Batch) | Maintenance mode status | Maintenance status |
| | Emergency stop setting status | Emergency stop setting status |
| Outdoor unit monitoring (Individual) | Error code Status | Error code status |
| Convertor unit monitoring (Individual) | Error code Status | Error code status |


CONTROL SYSTEM

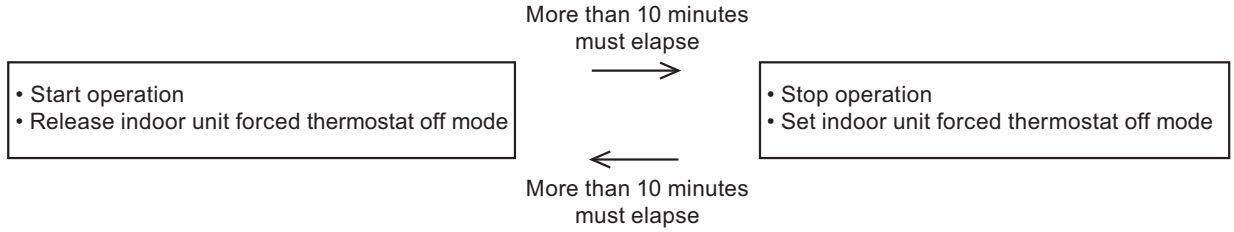
**NOTES:**

- For detailed information, refer to the interface specification posted on “Service & Supports” page of the web site.
  https://www.fujitsu-general.com/global/support/
- *1: To protect the compressor of the outdoor unit, carefully read and understand the following caution that may affect the operation of compressor before executing the setting.

**⚠ CAUTION**

When performing periodic settings like schedule settings for the following functions, perform the setting to all indoor units in the same refrigerant system simultaneously, conforming to the timing restriction described below.

<Corresponding function>

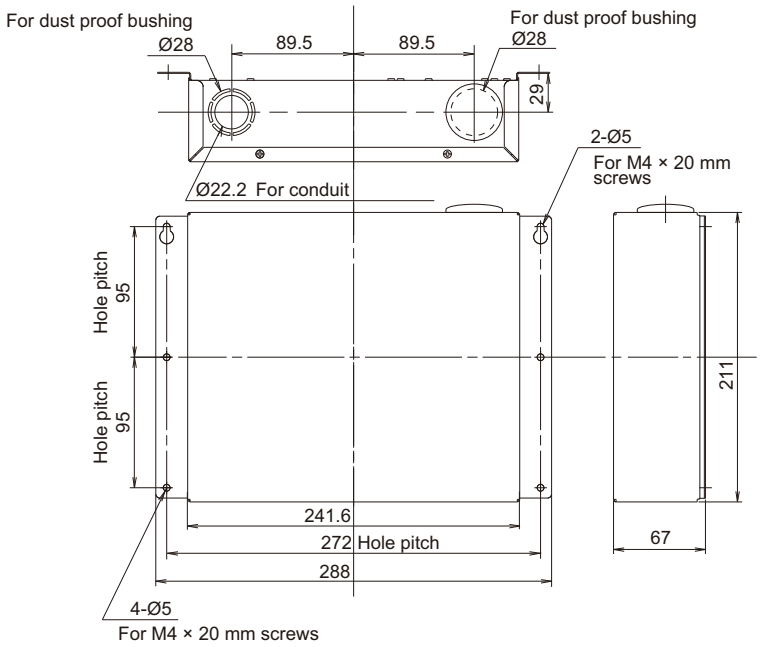



- *2: Forced thermostat off instruction
  – Only one equipment can send these instructions for each refrigerant system.
  – When these instructions are sent by multiple equipment, the system may not respond as instructed or may cause malfunction.

- *3: All operation setting, Timer setting, Room temperature setting, Operation mode setting, On/Off Operation, Filter reset operation, On operation setting

# ■ Dimensions

Unit: mm




# ■ Specifications

| | | | |
|---|---|---|---|
| Power supply | | V | 1 Ø AC 208—240 |
| Power source frequency | | Hz | 50/60 |
| Input power | | W | 4.5 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 67 × 288 × 211 |
| Weight | | g | 1,500 |
| Fuse capacity | | A | 3 |

## ● Wiring specifications

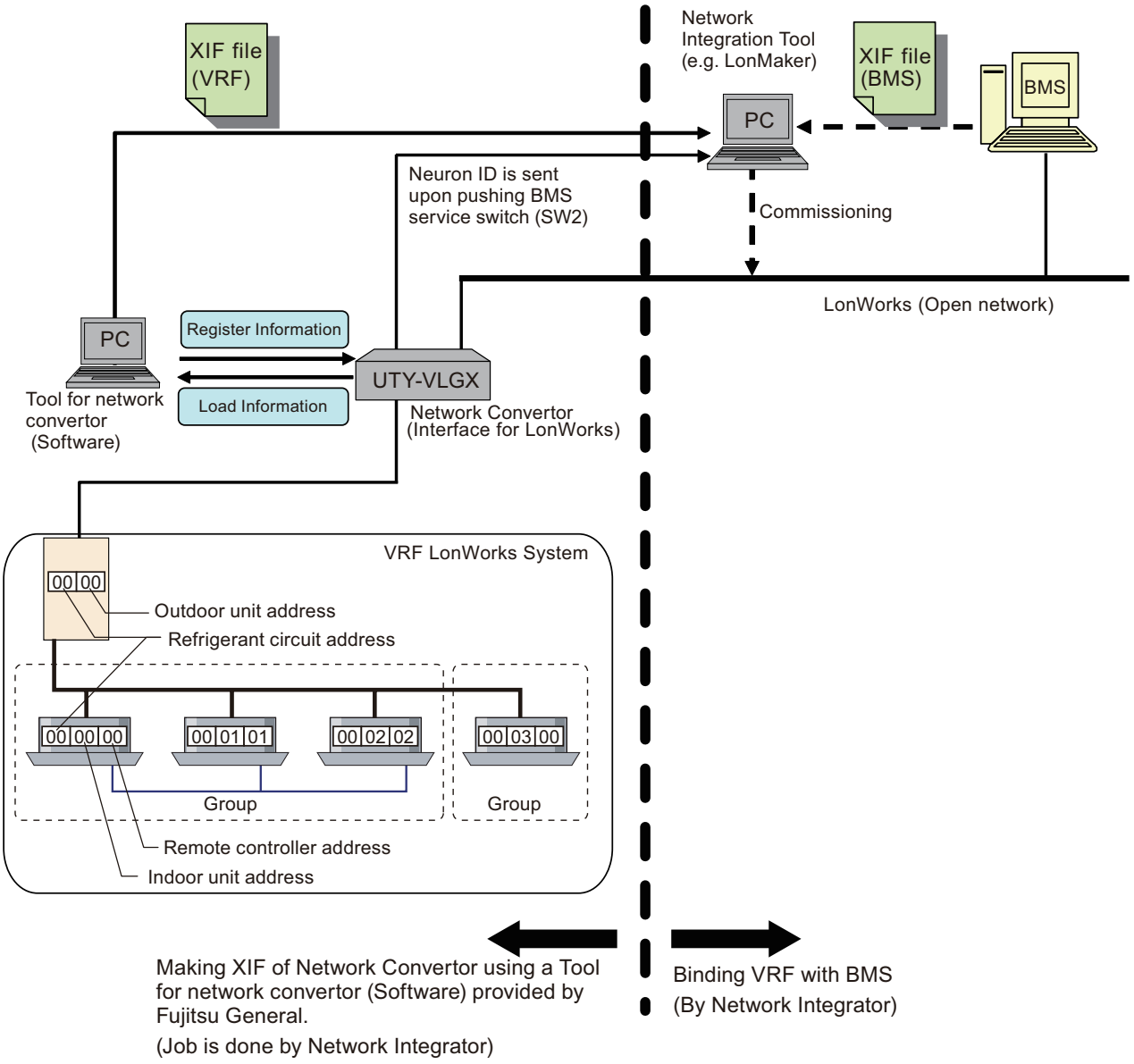
| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Power supply cable | 0.5 to 1.25 $mm^2$<br>(20 to 16 AWG) | 60245 IEC 57 or equivalent | 1 Ø AC 208—240 V 50/60 Hz,<br>2 wire + ground (Always ground the unit) |
| Transmission cable | 0.33 $mm^2$<br>(22 AWG) | LEVEL 4 (NEMA)<br>Non-polar 2 core, twisted pair solid core shielded | LonWorks compatible cable |

## ● Transmission specifications

| LonWorks network | | |
|---|---|---|
| Transmission speed | kbps | 78 |
| Transceiver | | FT-X1 (Echelon corporation) |
| Transmission way form | | Free topology |
| Cable | | Twisted pair cable (Shield) |
| | | 22 AWG Equivalent |
| Network connector | | One terminal |
| Terminal register | | None attachment<br>(It attaches at the terminal of a network) |


CONTROL SYSTEM

# ■ Total system configuration layout






CONTROL SYSTEM

# ■ Simple procedure for create XIF and register data to Network Converter for LonWorks

**Important**

Network Converter will not operate if,

- VRF network system address (Outdoor and Indoor units address) allocation information are not registered to Network Converter.
- XIF data information and VRF network system address allocation information must not be the same.
- Binding and commissioning are not executed. (During binding, read out the Network Converter Neuron ID by pushing BMS service switch [SW2] on the main PCB of Network Converter.)
- If the ID number registered to the Network Converter is not same as the ID number which is included in the XIF of Network Converter.

**NOTE:** For detailed information, refer to the application manual which is included inside packaged CD-ROM.

The following is the on-line procedure. It is also possible to create XIF and register data off-line.

1. Connect the PC and this product.
   Connection will be done by the connector cable provided as an accessory item of this product.

2. Install tool for convertor (software) in PC.
   Tool for convertor is the accessory item of this product.

3. Set this product to installation mode.

4. Setting ID number of this product on PC screen of tool for convertor.
   (ID number is required to identify this product from BMS. A maximum number of four Network Converters can be connected to one BMS, and ID number allocation is like 00, 01, and so on.)

5. Initial setting of indoor unit and outdoor unit address by using the tool for convertor.

6. Register the initial setting data to this product. Click “Register” dialog.

7. Set configuration properties.
   To set the communication properties of this product, select the following communication properties and types; otherwise, the default value will be used.
   - Select communication items
     - Event driven communication or Cyclic communication (Default: Cyclic 3 minutes)
     - Communication interval time during turning on all together (Default: 3 minutes)
   - Select communication type (to communicate data with BMS)
     - Communicate only when changing network variable or communicate all network variable. (Default: Only when changing network variable)
     - Communicate only when changing room temperature value (Default: Room temperature changed value 1 °C)

8. Register the configuration properties data to this product. Click the “Register” dialog.

9. Creating/Modifying XIF, and transfer XIF data by USB memory or floppy disk for binding.

10. Press “Reset SW7” to reset this product.

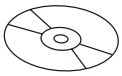
11. Turn off the power. After that, remove the connection of PC and this product respectively.
    In this stage, Network Converter is ready for binding and commissioning.


CONTROL SYSTEM

# 3-4. KNX Convertor for VRF (UTY-VKGX)

The convertor for connecting VRF network system to the BMS system built by KNX open network, for manage small to medium sized BMS and VRF network system.

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 7 | For mounting the power supply cable and transmission cable |
| Screw (M4 × 16 mm) | 4 | For mounting this product |
|  DVD | 1 | For initial setting |
| USB cable | 1 | For initial setting tool |
| Installation manual | 1 | |

## ■ Other required devices (Locally purchased)

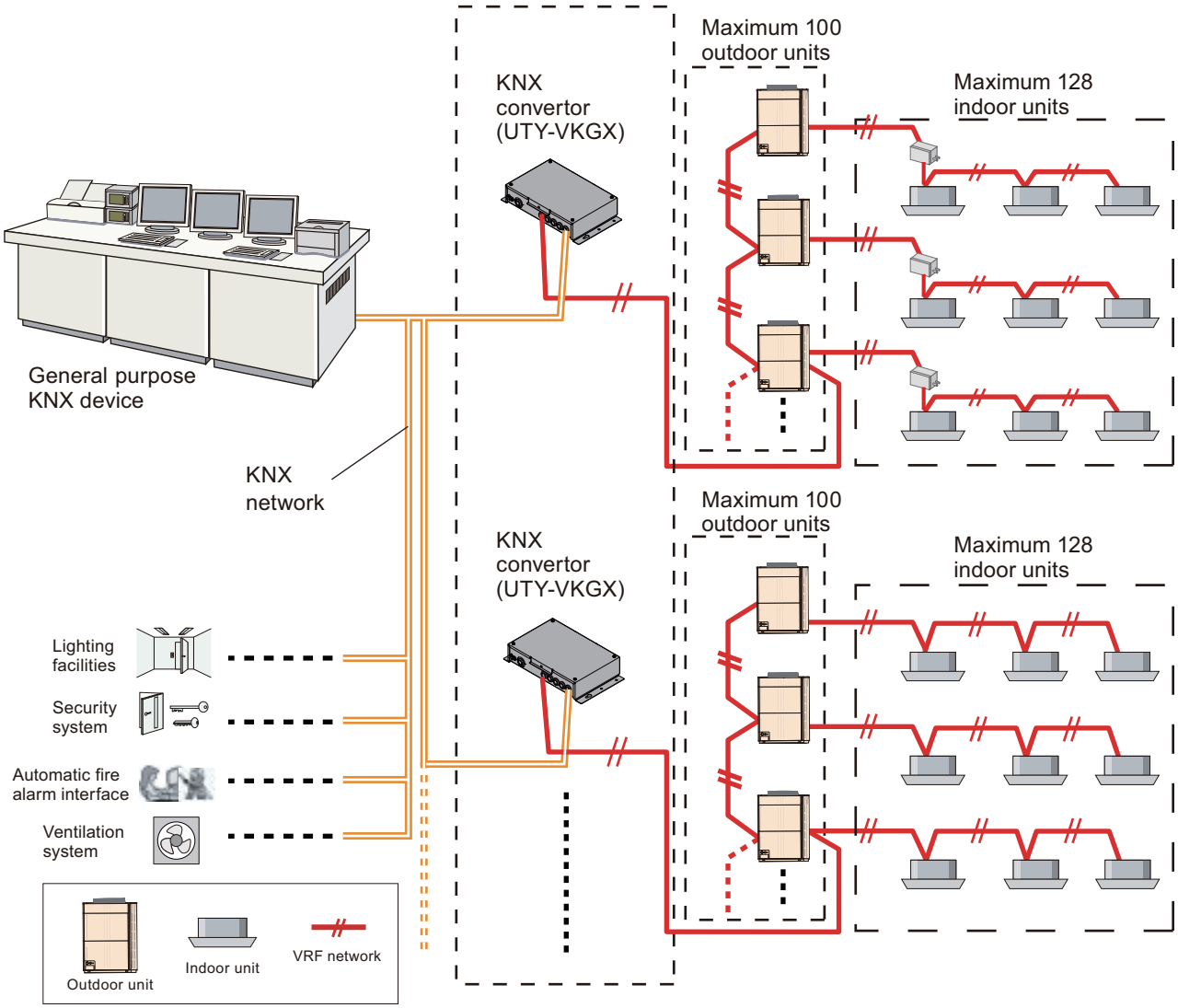
- To install tool for convertor, personal computer that satisfies the following system requirements is necessary.

| Personal computer system requirement | |
|---|---|
| Operating system | • Microsoft Windows 10 Home (32-bit or 64-bit)<br>• Microsoft Windows 10 Pro (32-bit or 64-bit)<br>• Microsoft Windows 11 Home (64-bit)<br>• Microsoft Windows 11 Pro (64-bit)<br>Supported languages: English, Chinese, French, German, Russian, Spanish, and Polish |
| Memory | 1 GB or more |
| Display | 1,366 × 768 or higher resolution |
| Interface | USB port (× 1) |
| Software | Adobe Reader 11.0 or later |
| Optical drive | DVD drive |


CONTROL SYSTEM

# ■ System diagram

- **Proper system diagram**

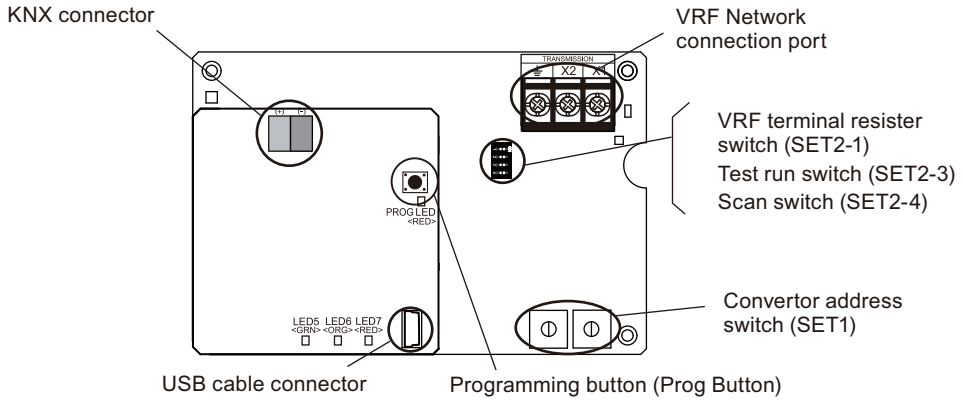



- **Connected unit**

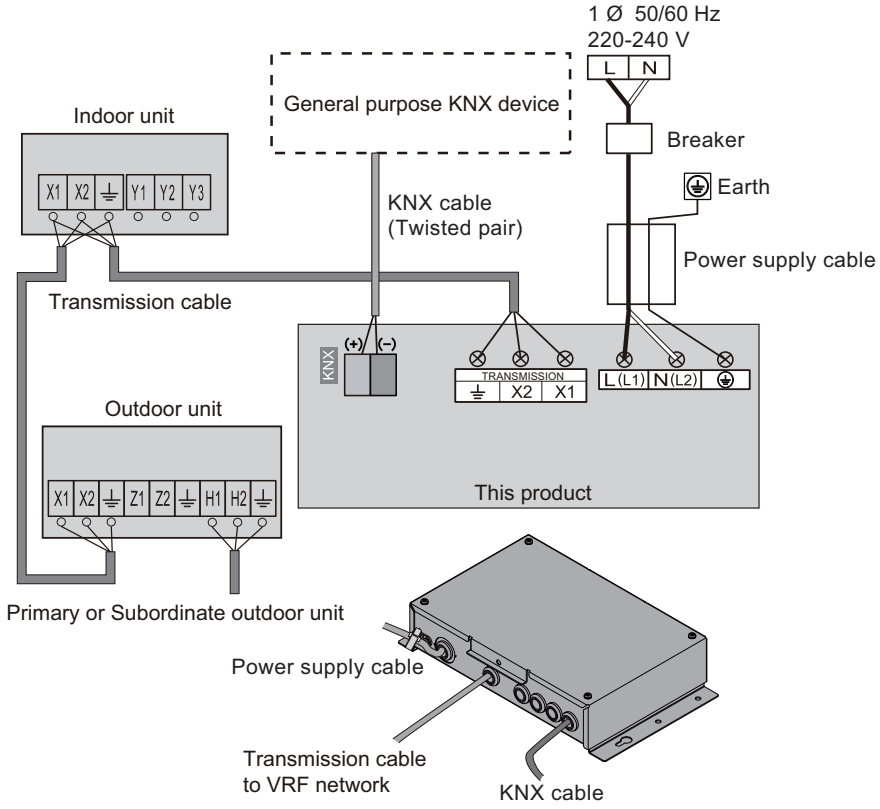
| | |
|---|---|
| Maximum controllable indoor units number per 1 KNX Convertor | 128 |
| Maximum controllable outdoor units number per 1 KNX Convertor | 100 |
| Maximum connectable KNX Convertor number per 1 VRF network system | 9 |


CONTROL SYSTEM

# ■ Component location of PCB




# ■ Electrical wiring




# ■ Functions

- **Indoor unit control**
  - Individual control
    Commands from KNX network are sent to the respective indoor units.
    (KNX network → respective indoor units of VRF network)

  - Group Control
    Commands from KNX network are sent to all indoor units connected to VRF network.
    (KNX network → All indoor units of VRF network)

- **Indoor unit status monitoring**
  Indoor unit status is communicated to the KNX network in the form of Lon network variables.
  (KNX network ← All indoor units of VRF network)


CONTROL SYSTEM

## ● Control and monitoring items

| Item | Function | Description |
|---|---|---|
| Indoor unit control (Individual/Batch) | On/Off Command*1 | Start/Stop operation |
| | Operation mode setting | Cooling/Heating/Auto/Fan/Dry |
| | Temperature setting | Set room temperature |
| | Airflow mode setting | Set airflow |
| | Setpoint temperature limit Setting | Set room temperature lower limit & room temperature upper limit |
| | Thermostat off setting*1*2 | Thermostat off (Only one controller in VRF network system can do this.) |
| | Centrally control (Filter reset) | Prohibition of filter sign reset of remote controller |
| | Centrally control (All mode) | Prohibition of all mode of remote controller |
| | Centrally control (Timer mode) | Prohibition of timer mode of remote controller |
| | Centrally control (Set temperature mode) | Prohibition of set temperature mode of remote controller |
| | Centrally control (On/Off mode) | Prohibition of On/Off mode of remote controller |
| | Centrally control (On mode) | Prohibition of On mode of remote controller |
| | Centrally control (Operation mode) | Prohibition of operation mode of remote control |
| Indoor unit control (Individual) | Filter sign reset | Set filter sign reset command |
| | Anti-freeze setting | Set anti-freeze command |
| | Energy save mode setting | Set energy save command |
| | Vertical/Horizontal louver | Set Vertical/Horizontal louver |
| Indoor unit control (Batch) | Time setting | Set time setting command (The controllers those are connected in VRF network system are an object.) |
| | Emergency stop setting | Set emergency stop command |
| Outdoor unit control (Individual) | Outdoor unit low noise | Outdoor unit low noise level setting |
| | Outdoor Unit Capacity Limit | Outdoor unit capacity limit setting |
| Indoor unit monitoring (Individual) | On/Off Status*1 | The indoor unit which is now operating can be monitored in all indoor units |
| | Operation mode setting status | Cooling/Heating/Auto/Fan/Dry mode status |
| | Temperature setting status | Room set temperature status |
| | Airflow mode setting status | Airflow mode status |
| | Setpoint temperature limit status | Room set temperature limit status |
| | Thermostat off setting status*1*2 | Thermostat off set value status |
| | Centrally control (Filter reset) status | Remote controller filter reset prohibition status |
| | Centrally control (All mode) status | Remote controller all mode prohibition status |
| | Centrally control (Timer mode) status | Remote controller timer mode prohibition status |
| | Centrally control (Set temperature) status | Remote controller set temp. prohibition status |
| | Centrally control (On/Off) status | Remote controller On/Off prohibition status |
| | Centrally control (On) status | Remote controller On prohibition status |
| | Centrally control (Operation) status | Remote controller operation prohibition status |
| | Anti-freeze setting status | Anti-freeze set status |
| | Energy save mode setting status | Energy save mode set status |
| | Filter sign reset status | Filter sign reset status |
| | Room temperature status | Room temperature status |
| | Error code status | Error code status can be monitored. |
| | Vertical/Horizontal louver status | Vertical/Horizontal louver status |
| | Indoor unit status | Defrost/oil recovery/pump down can be monitored. |


CONTROL SYSTEM

| Item | Function | Description |
|---|---|---|
| Indoor unit monitoring (Batch) | On/Off status*1 | The indoor unit which is now operating can be monitored in all indoor units. |
| | Maintenance mode status | Maintenance status |
| | Emergency stop setting status | Emergency stop setting status |
| | Error status | The indoor unit which is now error can be monitored in all indoor units. |
| Outdoor unit monitoring (Individual) | Outdoor unit low noise | Outdoor unit low noise level can be monitored. |
| | Outdoor Unit Capacity Limit | Outdoor unit capacity limit can be monitored. |
| Convertor unit monitoring (Individual) | Error code Status | Error code status |
| | Model name | Convertor model name can be confirmed. |
| | Software version | Convertor software version can be confirmed. |

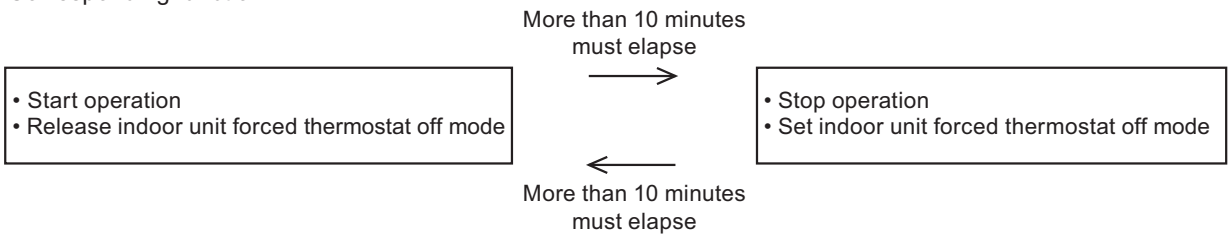
**NOTES:**

- For detailed information, refer to the interface specification posted on “Service & Supports” page of the web site.
  https://www.fujitsu-general.com/global/support/
- *1: To protect the compressor of the outdoor unit, carefully read and understand the following caution that may affect the operation of compressor before executing the setting.

**⚠ CAUTION**

When performing periodic settings like schedule settings for the following functions, perform the setting to all indoor units in the same refrigerant system simultaneously, conforming to the timing restriction described below.

<Corresponding function>

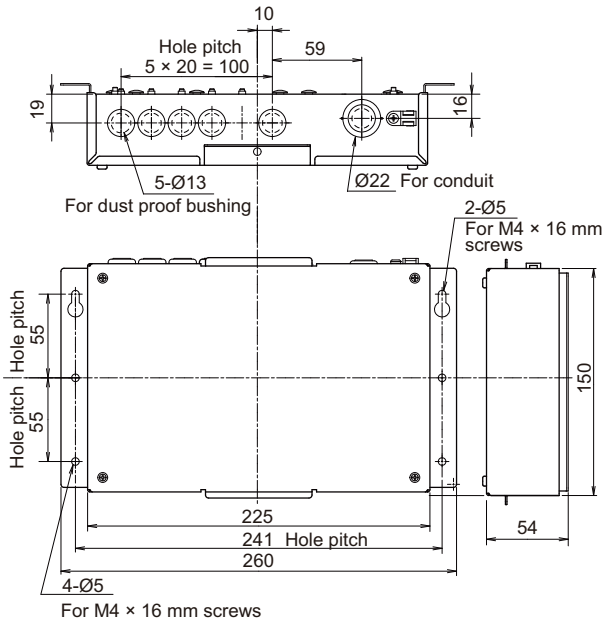



- *2: Forced thermostat off instruction
  – Only one equipment can send these instructions for each refrigerant system.
  – When these instructions are sent by multiple equipment, the system may not respond as instructed or may cause malfunction.


CONTROL SYSTEM

# ■ Dimensions

Unit: mm




# ■ Specifications

| | | | |
|---|---|---|---|
| Power supply | | V | 1 Ø AC 220—240 |
| Power source frequency | | Hz | 50/60 |
| Input power | | W | 1.5 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 54 × 260 × 150 |
| Weight | | g | 1,200 |

## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Power supply cable | 0.8 to 1.25 $mm^2$<br>(18 to 16 AWG) | 60245 IEC 57 or equivalent | 1 Ø AC 220—240 V 50/60 Hz,<br>2 wire + ground (Always ground the unit) |
| Transmission cable | 0.33 $mm^2$<br>(22 AWG) | LEVEL 4 (NEMA)<br>Non-polar 2 core, twisted pair solid core shielded | LonWorks compatible cable |
| KNX cable | 0.5 to 0.8 $mm^2$<br>(20 to 18 AWG) | AWG18—20<br>Non-polar 2 core, twisted pair | KNX TP1 (Twister pair 1) cable |


CONTROL SYSTEM

# ■ Simple procedure for register data to KNX Convertor for VRF

**Important**

KNX Convertor for VRF will not operate, if VRF network system address (outdoor and indoor units address) allocation information are not registered to KNX Convertor for VRF.

Address initial settings are 4 methods as follows:

## ● Default addresses of indoor unit and outdoor unit are used (Initial setting is not necessary)

Default address value ([Ref No.—Node No.])

| | |
|---|---|
| Indoor unit: | [00—00] [00—01] ••• [00—63] |
| | [01—00] [01—01] ••• [01—63] |
| Outdoor unit: | [00—00] [00—01] ••• [00—03] |
| | [01—00] [01—01] ••• [01—03] |

## ● Scan of connected indoor units address

Scan procedure is as follows:

1. Turn on the switch of scan setting.
2. “Scan display” by LED (Address is registering inside the convertor).
3. “Number of connected indoor unit display” by LED (Scan is complete).
4. Turn off the switch of scan setting.
5. “Address update display” by LED
6. Turn on the main power again.
7. “Address rewriting display” by LED (Address are synchronized among boards).

If scan error is generated, perform the scan again.

## ● Setting from PC

**NOTE:** For detailed information, refer to the application manual included inside packaged DVD.

1. Install tool for convertor (software) in PC.
   Tool for convertor is the accessory item of this product.
2. Connect the PC and this product.
   Connection will be done by the connector cable provided as an accessory item of this product.
3. Set this product to USB mode.
4. Initial setting of indoor unit and outdoor unit addresses by using the tool for convertor.
5. Register the initial setting data to this product. Click “Register” dialog.
   In this stage, this product is ready for binding and commissioning.

## ● Setting from ETS

For how to configure the settings from the ETS, refer to the interface specification posted on “Service & Supports” page of the web site.

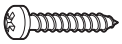
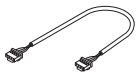
https://www.fujitsu-general.com/global/support/


CONTROL SYSTEM

# 3-5. KNX Convertor for Indoor Unit (UTY-VKSX)

The convertor for connecting indoor unit to the central/home controller installed in KNX open network in order to manage the indoor unit from KNX network.

## ■ Accessory

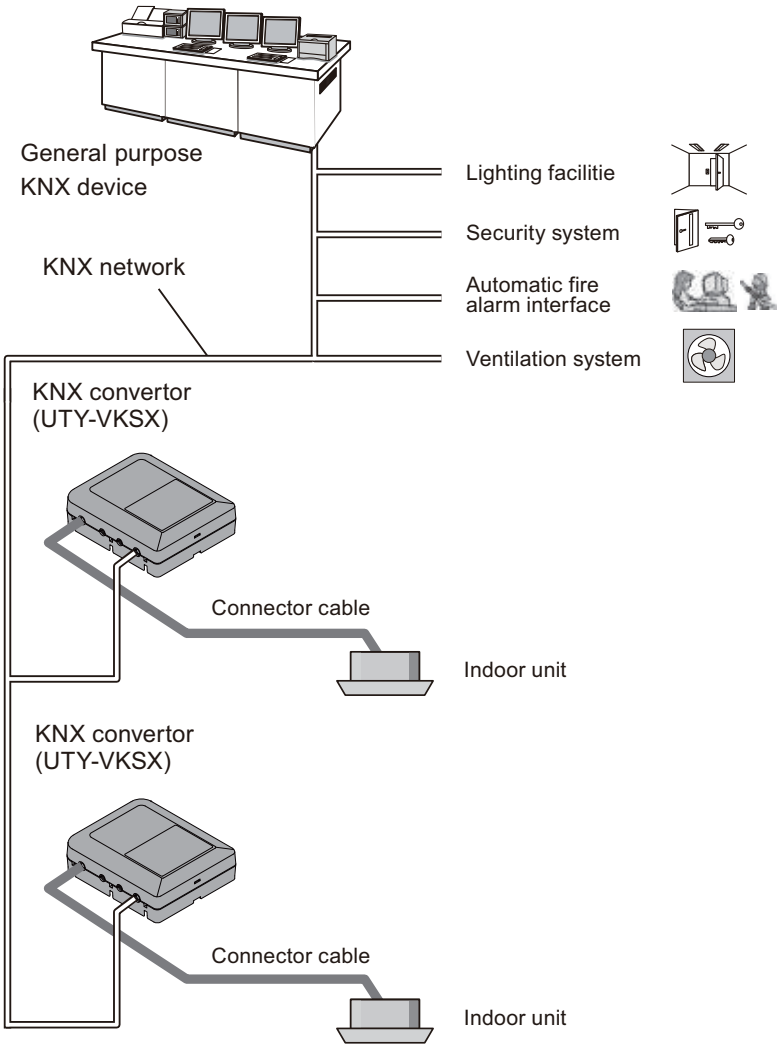
| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 4 | For mounting transmission cable |
|  Screw (M4 × 16 mm) | 3 | For mounting this product |
|  Connector cable | 1 | For connecting to indoor unit (1.5 m) |
| Installation manual | 1 | |



CONTROL SYSTEM

# ■ System diagram

- **Proper system diagram**

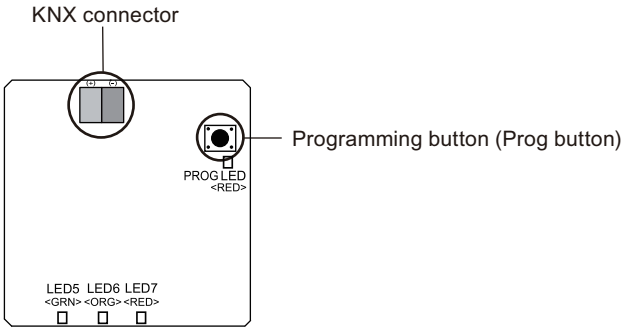



- **Connected unit**

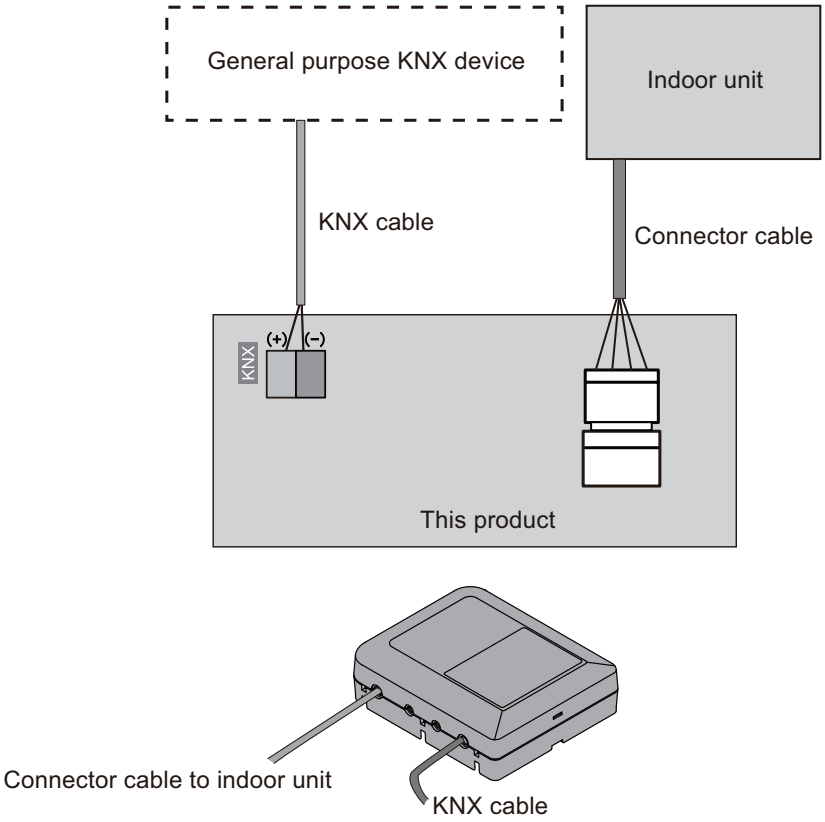
| | |
|---|---|
| Maximum controllable indoor units number per 1 KNX Convertor | 1 |


CONTROL SYSTEM

# ■ Component location of PCB




# ■ Electrical wiring









CONTROL SYSTEM

# ■ Functions

- **Indoor unit control**
  Commands from KNX network are sent to the respective indoor units.
  (KNX network → indoor units)

- **Indoor unit status monitoring**
  Indoor unit status is communicated to the KNX network in the form of indoor unit variables.
  (KNX network ← indoor units)

## ● Control and monitoring items

| Item | Function | Description |
|---|---|---|
| Indoor unit control | On/Off Command* | Start/Stop operation |
| | Operation mode setting | Cooling/Heating/Auto/Fan/Dry |
| | Temperature setting | Set room temperature |
| | Airflow mode setting | Set airflow |
| | Thermostat off setting* | Thermostat off (Only one controller in VRF network system can do this.) |
| | Centrally control (Filter reset) | Prohibition of filter sign reset of remote controller |
| | Centrally control (All mode) | Prohibition of all mode of remote controller |
| | Centrally control (Timer mode) | Prohibition of timer mode of remote controller |
| | Centrally control (Set temperature mode) | Prohibition of set temperature mode of remote controller |
| | Centrally control (On/Off mode) | Prohibition of On/Off mode of remote controller |
| | Centrally control (On mode) | Prohibition of On mode of remote controller |
| | Centrally control (Operation mode) | Prohibition of operation mode of remote control |
| | Filter sign reset | Set filter sign reset command |
| | Energy save mode setting | Set energy save command |
| | Vertical/Horizontal louver setting | Set Vertical/Horizontal louver |
| | Human detection auto save | Set human detection auto save |
| | Human detection auto off | Set human detection auto off |
| | Scene control | Set plural functions in a mass as one scene |


CONTROL SYSTEM

| Item | Function | Description |
|---|---|---|
| Indoor unit monitoring | On/Off Status* | The indoor unit which is now operating can be monitored in all indoor units |
| | Operation mode setting status | Cooling/Heating/Auto/Fan/Dry mode status |
| | Temperature setting status | Room set temperature status |
| | Airflow mode setting status | Airflow mode status |
| | Setpoint temperature limit status | Room set temperature limit status |
| | Thermostat off setting status* | Thermostat off set value status |
| | Centrally control (Filter reset) status | Remote controller filter reset prohibition status |
| | Centrally control (All mode) status | Remote controller all mode prohibition status |
| | Centrally control (Timer mode) status | Remote controller timer mode prohibition status |
| | Centrally control (Set temperature) status | Remote controller set temp. prohibition status |
| | Centrally control (On/Off) status | Remote controller On/Off prohibition status |
| | Centrally control (On) status | Remote controller On prohibition status |
| | Centrally control (Operation) status | Remote controller operation prohibition status |
| | Energy save mode setting status | Energy save mode set status |
| | Filter sign reset status | Filter sign reset status |
| | Room temperature status | Room temperature status |
| | Error code status | Error code status can be monitored. |
| | Vertical/Horizontal louver status | Vertical/Horizontal louver status |
| | Indoor unit status | Defrost/oil recovery/pump down can be monitored. |
| | Human detection auto save | Set human detection auto save status |
| | Human detection auto off | Set human detection auto off status |
| | Demand status | Demand control status |
| | Scene status | Scene set status |
| Convertor unit monitoring | Error code status | Error code status |
| | Model name | Convertor model name can be confirmed. |
| | Software version | Convertor software version can be confirmed. |



CONTROL SYSTEM

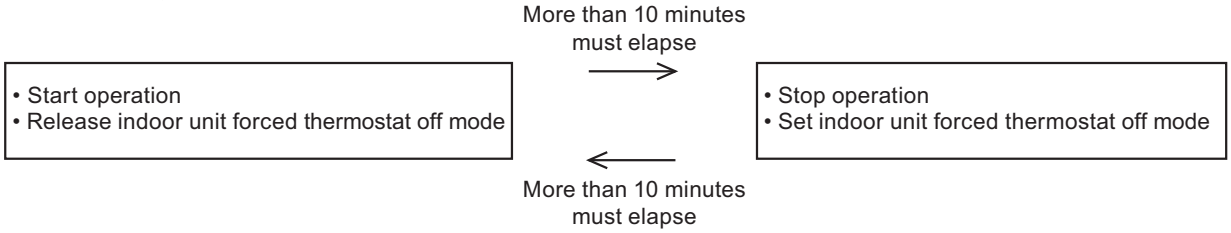
**NOTES:**

- For detailed information, refer to the interface specification posted on “Service & Supports” page of the web site.
  https://www.fujitsu-general.com/global/support/
- *: To protect the compressor of the outdoor unit, carefully read and understand the following caution that may affect the operation of compressor before executing the setting.

**⚠ CAUTION**

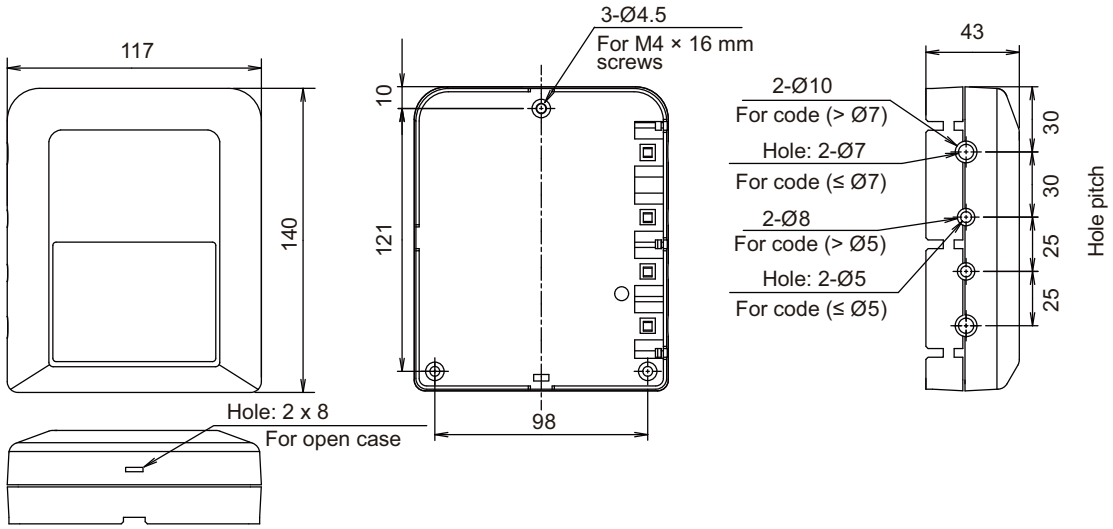
When performing periodic settings like schedule settings for the following functions, perform the setting to all indoor units in the same refrigerant system simultaneously, conforming to the timing restriction described below.

<Corresponding function>



# ■ Dimensions

Unit: mm




# ■ Specifications

| | | | |
|---|---|---|---|
| Input power | | W | 0.6 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 43 × 117 × 140 |
| Weight | | g | 215 |

CONTROL SYSTEM

CONTROL SYSTEM

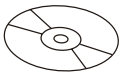
## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| KNX cable | 0.5 to 0.8 $mm^2$<br>(20 to 18 AWG) | AWG18—20<br>Non-polar 2 core, twisted pair | KNX TP1 (Twister pair 1) cable |

# 3-6. Modbus Converter for VRF (UTY-VMGX)

The convertor for connecting VRF network system to the BMS system built by Modbus open network, for manage small to medium sized BMS and VRF network system.

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 7 | For mounting the power supply cable and transmission cable |
| Screw (M4 × 16 mm) | 4 | For mounting the Modbus Converter |
|  DVD | 1 | For initial setting |
| Modbus connector | 1 | For connecting the cable and attaching the board connector |
| USB cable | 1 | For initial setting tool |
| Installation manual | 1 | |

## ■ Other required devices (Locally purchased)

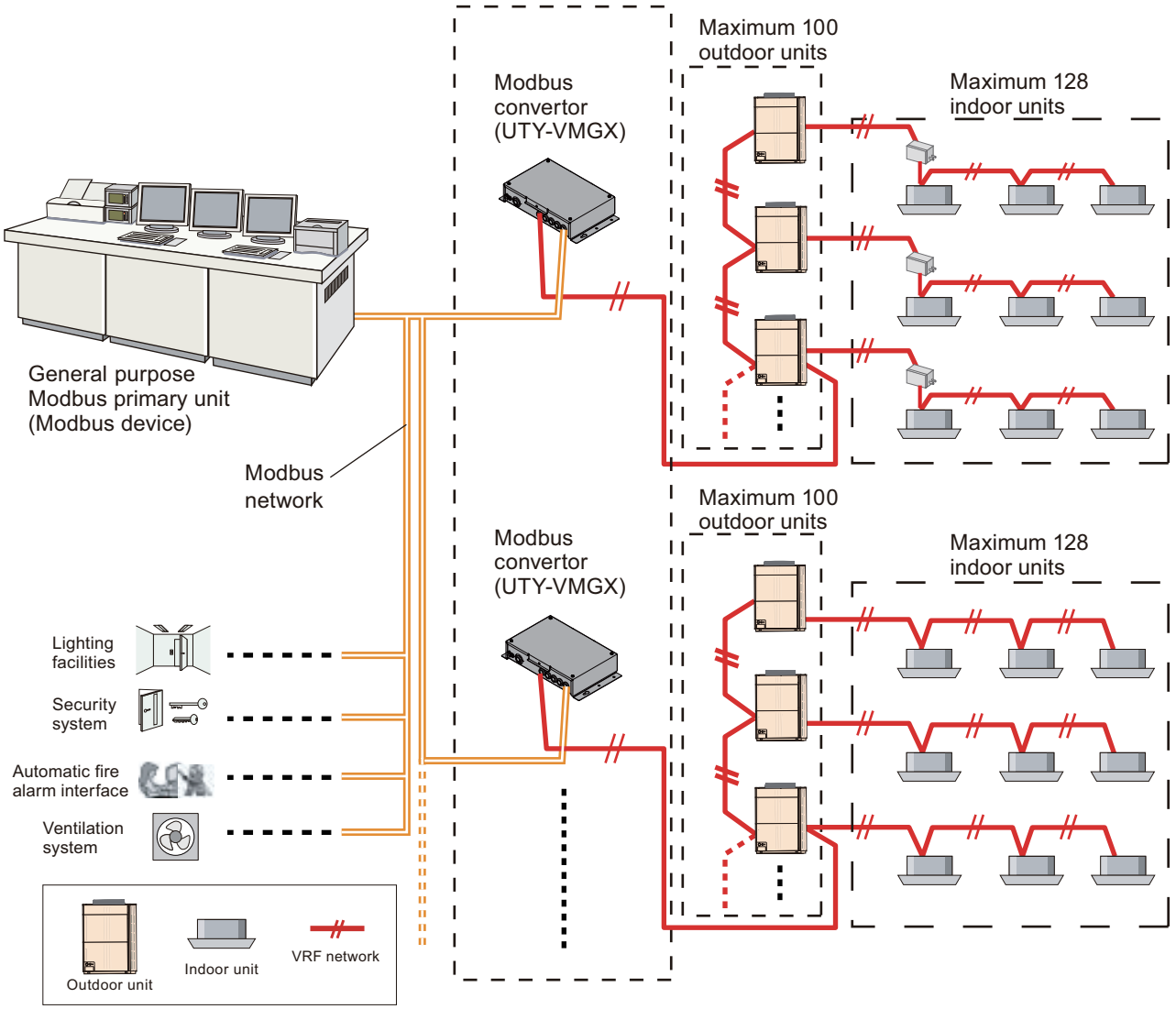
- To install tool for convertor, personal computer that satisfies the following system requirements is necessary.

| Personal computer system requirement | |
|---|---|
| Operating system | • Microsoft Windows 10 Home (32-bit or 64-bit)<br>• Microsoft Windows 10 Pro (32-bit or 64-bit)<br>• Microsoft Windows 11 Home (64-bit)<br>• Microsoft Windows 11 Pro (64-bit)<br>Supported languages: English, Chinese, French, German, Russian, Spanish, and Polish |
| Memory | 1 GB or more |
| Display | 1,366 × 768 or higher resolution |
| Interface | USB port (× 1) |
| Software | Adobe Reader 11.0 or later |
| Optical drive | DVD drive |


CONTROL SYSTEM

# ■ System diagram

- **Proper system diagram**

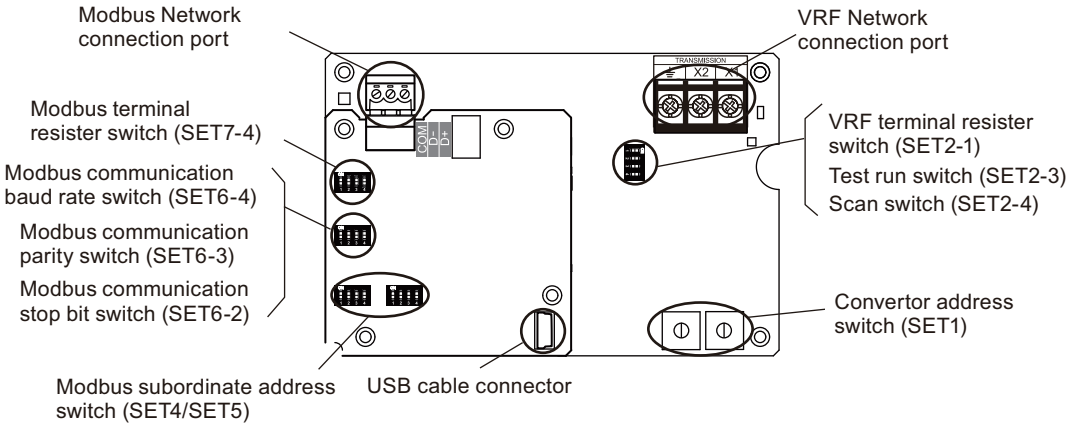



- **Connected unit**

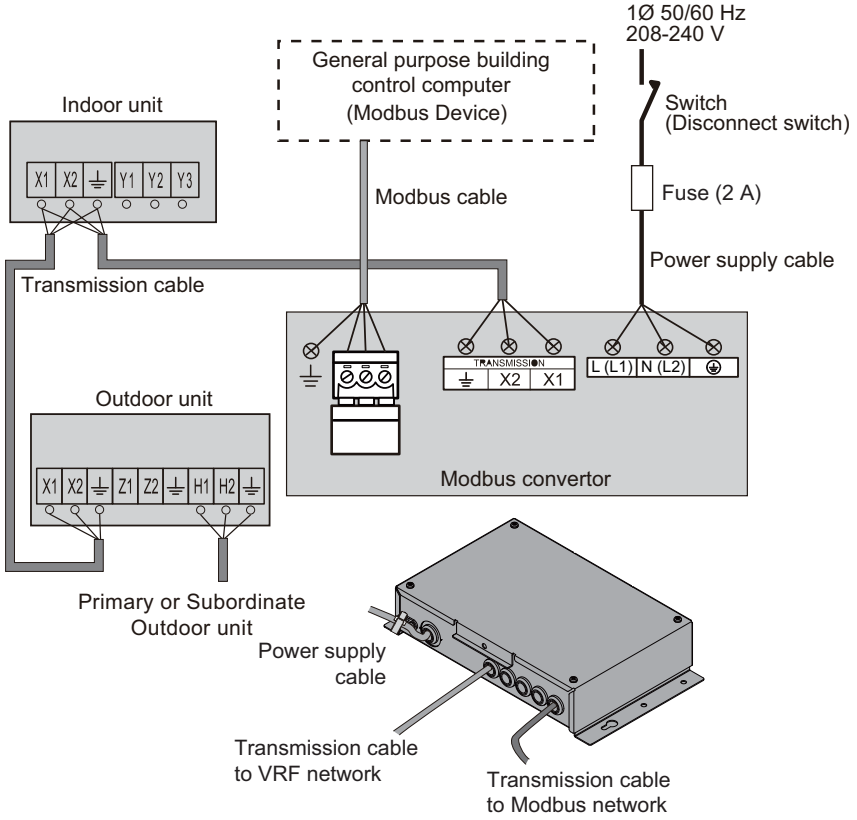
| | | |
|---|---|---|
| Maximum controllable indoor units number per 1 Modbus Converter | | 128 |
| Maximum controllable outdoor units number per 1 Modbus Converter | | 100 |
| Maximum connectable Modbus Converter number per 1 VRF network system | | 9 |
| Maximum number of connected Modbus Converter units to one Modbus primary unit | Without repeater | 31 |
| | With repeater | 247 |


CONTROL SYSTEM

# ■ Component location of PCB




# ■ Electrical wiring




# ■ Functions

- **Indoor unit control**
  - Individual control
    Commands from Modbus network are sent to the respective indoor units.
    (Modbus network → respective indoor units of VRF network)

  - Group Control
    Commands from Modbus network are sent to all indoor units connected to VRF network.
    (Modbus network → All indoor units of VRF network)

- **Indoor unit status monitoring**
  Indoor unit status is communicated to the Modbus network in the form of Lon network variables.
  (Modbus network ← All indoor units of VRF network)


CONTROL SYSTEM

## ● Control and monitoring items

| Item | Function | Description |
|---|---|---|
| Indoor unit control (Individual/Batch) | On/Off Command*1 | Start/Stop operation |
| | Operation mode setting | Cooling/Heating/Auto/Fan/Dry |
| | Temperature setting | Set room temperature |
| | Airflow mode setting | Set airflow |
| | Setpoint temperature limit Setting | Set room temperature lower limit & room temperature upper limit |
| | Thermostat off setting*1*2 | Thermostat off (Only one controller in VRF network system can do this.) |
| | Centrally control (Filter reset) | Prohibition of filter sign reset of remote controller |
| | Centrally control (All mode) | Prohibition of all mode of remote controller |
| | Centrally control (Timer mode) | Prohibition of timer mode of remote controller |
| | Centrally control (Set temperature mode) | Prohibition of set temperature mode of remote controller |
| | Centrally control (On/Off mode) | Prohibition of On/Off mode of remote controller |
| | Centrally control (On mode) | Prohibition of On mode of remote controller |
| | Centrally control (Operation mode) | Prohibition of operation mode of remote control |
| Indoor unit control (Individual) | Filter sign reset | Set filter sign reset command |
| | Anti-freeze setting | Set anti-freeze command |
| | Energy save mode setting | Set energy save command |
| | Vertical/Horizontal louver | Set Vertical/Horizontal louver |
| | Test run | Test run |
| Indoor unit control (Batch) | Time setting | Set time setting command (The controllers those are connected in VRF network system are an object.) |
| | Emergency stop setting | Set emergency stop command |
| Outdoor unit control (Individual) | Outdoor unit low noise | Outdoor unit low noise level setting |
| | Outdoor Unit Capacity Limit | Outdoor unit capacity limit setting |
| Indoor unit monitoring (Individual) | On/Off Status*1 | The indoor unit which is now operating can be monitored in all indoor units |
| | Operation mode setting status | Cooling/Heating/Auto/Fan/Dry mode status |
| | Temperature setting status | Room set temperature status |
| | Airflow mode setting status | Airflow mode status |
| | Setpoint temperature limit status | Room set temperature limit status |
| | Thermostat off setting status*1*2 | Thermostat off set value status |
| | Centrally control (Filter reset) status | Remote controller filter reset prohibition status |
| | Centrally control (All mode) status | Remote controller all mode prohibition status |
| | Centrally control (Timer mode) status | Remote controller timer mode prohibition status |
| | Centrally control (Set temperature) status | Remote controller set temp. prohibition status |
| | Centrally control (On/Off) status | Remote controller On/Off prohibition status |
| | Centrally control (On) status | Remote controller On prohibition status |
| | Centrally control (Operation) status | Remote controller operation prohibition status |
| | Anti-freeze setting status | Anti-freeze set status |
| | Energy save mode setting status | Energy save mode set status |
| | Filter sign reset status | Filter sign reset status |
| | Room temperature status | Room temperature status |
| | Error code status | Error code status can be monitored. |
| | Vertical/Horizontal louver status | Vertical/Horizontal louver status |
| | Indoor unit status | Defrost/oil recovery/pump down can be monitored. |
| | Test run | Test run |


CONTROL SYSTEM

| Item | Function | Description |
|---|---|---|
| Indoor unit monitoring (Batch) | On/Off status*1 | The indoor unit which is now operating can be monitored in all indoor units. |
| | Maintenance mode status | Maintenance status |
| | Emergency stop setting status | Emergency stop setting status |
| | Error status | The indoor unit which is now error can be monitored in all indoor units. |
| Outdoor unit monitoring (Individual) | Outdoor unit low noise | Outdoor unit low noise level can be monitored. |
| | Outdoor Unit Capacity Limit | Outdoor unit capacity limit can be monitored. |
| | Error code Status | Error code status |
| Convertor unit monitoring (Individual) | Error code Status | Error code status |
| | Modbus communication setting Information | Baud rate/subordinate address can be monitored. |
| | Model name | Convertor model name can be confirmed. |
| | Software version | Convertor software version can be confirmed. |

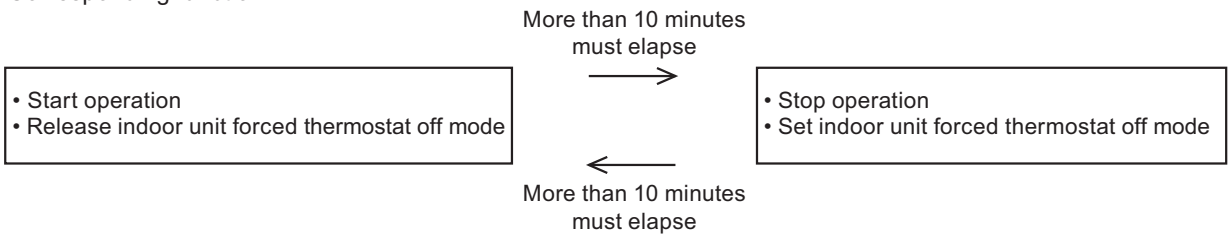
**NOTES:**

- For detailed information, refer to the interface specification posted on “Service & Supports” page of the web site.
  https://www.fujitsu-general.com/global/support/
- *1: To protect the compressor of the outdoor unit, carefully read and understand the following caution that may affect the operation of compressor before executing the setting.

**⚠ CAUTION**

When performing periodic settings like schedule settings for the following functions, perform the setting to all indoor units in the same refrigerant system simultaneously, conforming to the timing restriction described below.

<Corresponding function>

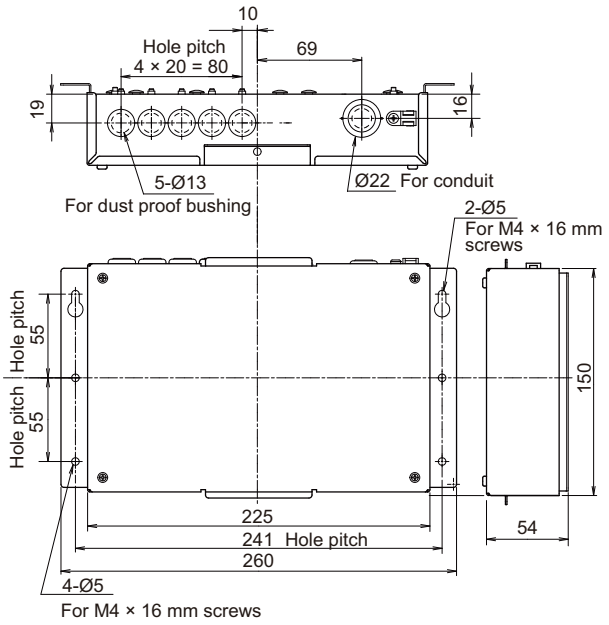



- *2: Forced thermostat off instruction
  – Only one equipment can send these instructions for each refrigerant system.
  – When these instructions are sent by multiple equipment, the system may not respond as instructed or may cause malfunction.


CONTROL SYSTEM

# ■ Dimensions

Unit: mm




# ■ Specifications

| | | | |
|---|---|---|---|
| Power supply | | V | 1 Ø AC 208—240 |
| Power source frequency | | Hz | 50/60 |
| Input power | | W | 2.0 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 54 × 260 × 150 |
| Weight | | g | 1,100 |
| Fuse capacity | | A | 2 |

## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Power supply cable | 0.5 to 1.25 $mm^2$<br>(20 to 16 AWG) | 60245 IEC 57 or equivalent | 1 Ø AC 208—240 V 50/60 Hz,<br>2 wire + ground (Always ground the unit) |
| Transmission cable | 0.33 $mm^2$<br>(22 AWG) | LEVEL 4 (NEMA)<br>Non-polar 2 core, twisted pair solid core shielded | LonWorks compatible cable |
| Modbus cable | 0.128 to 1.25 $mm^2$<br>(26 to 16 AWG) | AWG 16—26<br>3 Wire + PVC sheathed cable | |

## ● Transmission specifications

| | | |
|---|---|---|
| Transfer mode | | RTU mode |
| Communication method | | Half-duplex operation, Primary/Subordinate method |
| Communication speed | bps | 9,600/19,200 |
| Synchronous system | | Asynchronous communication method |
| Data bit | bit | 8 |
| Parity | | even/odd/none |
| Stop bit | bit | 2 (no parity)/1 |
| Network | | 3 wire RS485 |
| Maximum cable length | m | 1,000 |


CONTROL SYSTEM

# ■ Simple procedure for register data to Modbus Converter for VRF

**Important**

Modbus Converter for VRF will not operate, if VRF network system address (outdoor and indoor units address) allocation information are not registered to Modbus Converter for VRF.

Address initial settings are 3 methods as follows:

## ● Default addresses of indoor unit and outdoor unit are used (Initial setting is not necessary)

Default address value ([Ref No.—Node No.])

| | |
|---|---|
| Indoor unit: | [00—00] [00—01] ••• [00—63] |
| | [01—00] [01—01] ••• [01—63] |
| Outdoor unit: | [00—00] [00—01] ••• [00—03] |
| | [01—00] [01—01] ••• [01—03] |

## ● Scan of connected indoor units address

Scan procedure is as follows:

1. Turn on the switch of scan setting.
2. “Scan display” by LED (Address is registering inside the convertor).
3. “Number of connected indoor unit display” by LED (Scan is complete).
4. Turn off the switch of scan setting.
5. “Address update display” by LED
6. Turn on the main power again.
7. “Address rewriting display” by LED (Address are synchronized among boards).

If scan error is generated, perform the scan again.

## ● Setting from PC

**NOTE:** For detailed information, refer to the application manual included inside packaged DVD.

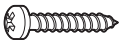
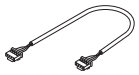
1. Install tool for convertor (software) in PC.
   Tool for convertor is the accessory item of this product.
2. Connect the PC and this product.
   Connection will be done by the connector cable provided as an accessory item of this product.
3. Set this product to USB mode.
4. Initial setting of indoor unit and outdoor unit addresses by using the tool for convertor.
5. Register the initial setting data to this product. Click “Register” dialog.
   In this stage, this product is ready for binding and commissioning.


CONTROL SYSTEM

# 3-7. Modbus Converter for Indoor Unit (UTY-VMSX)

The convertor for connecting indoor unit to the BMS system built by Modbus open network, for manage small to medium sized BMS and indoor unit.

## ■ Accessory

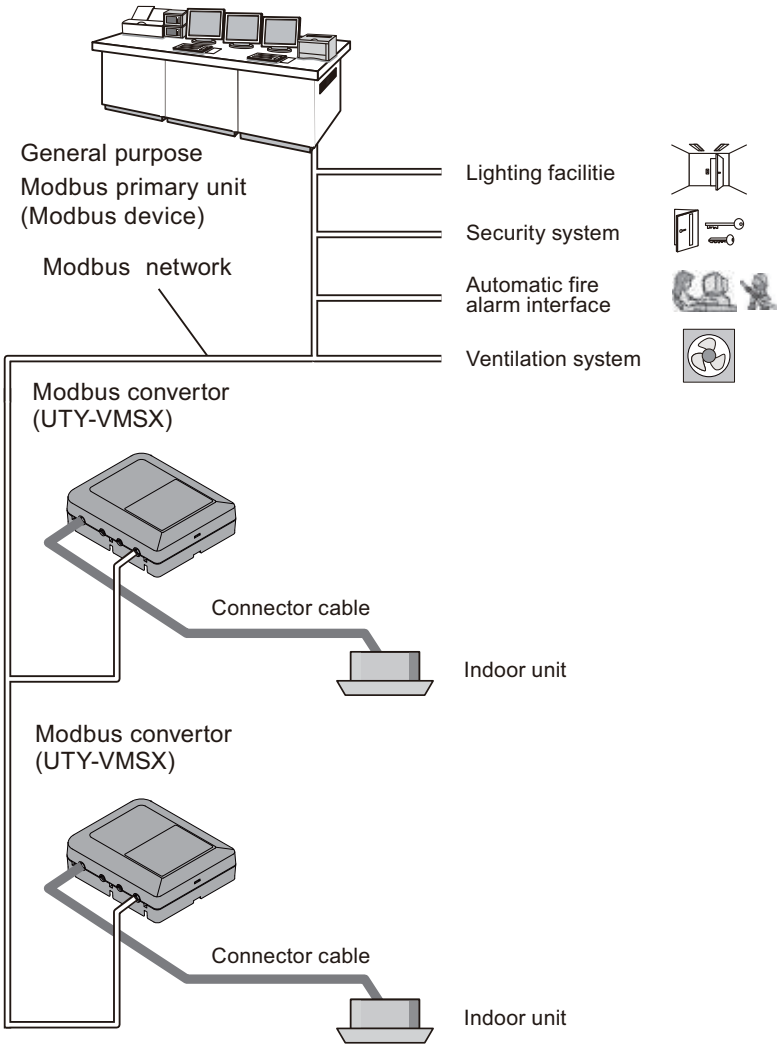
| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 4 | For mounting transmission cable |
|  Screw (M4 × 16 mm) | 3 | For mounting the Modbus Converter |
| Modbus connector | 1 | For connecting the cable and attaching the board connector |
|  Connector cable | 1 | For connecting to indoor unit (1.5 m) |
| Installation manual | 1 | |



CONTROL SYSTEM

# ■ System diagram

- **Proper system diagram**

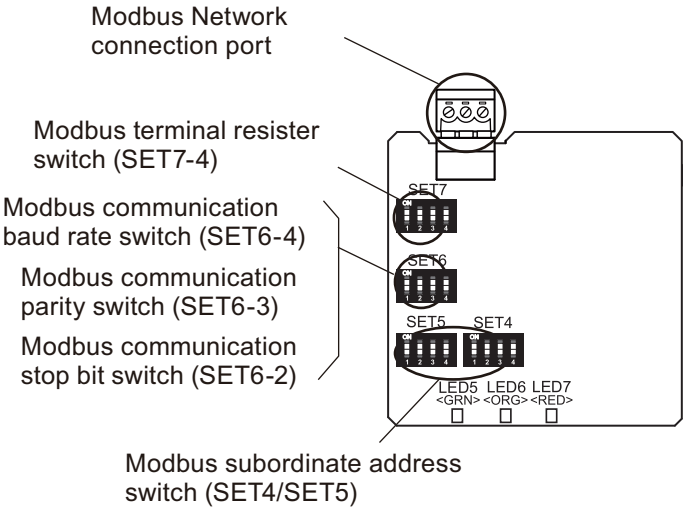



- **Connected unit**

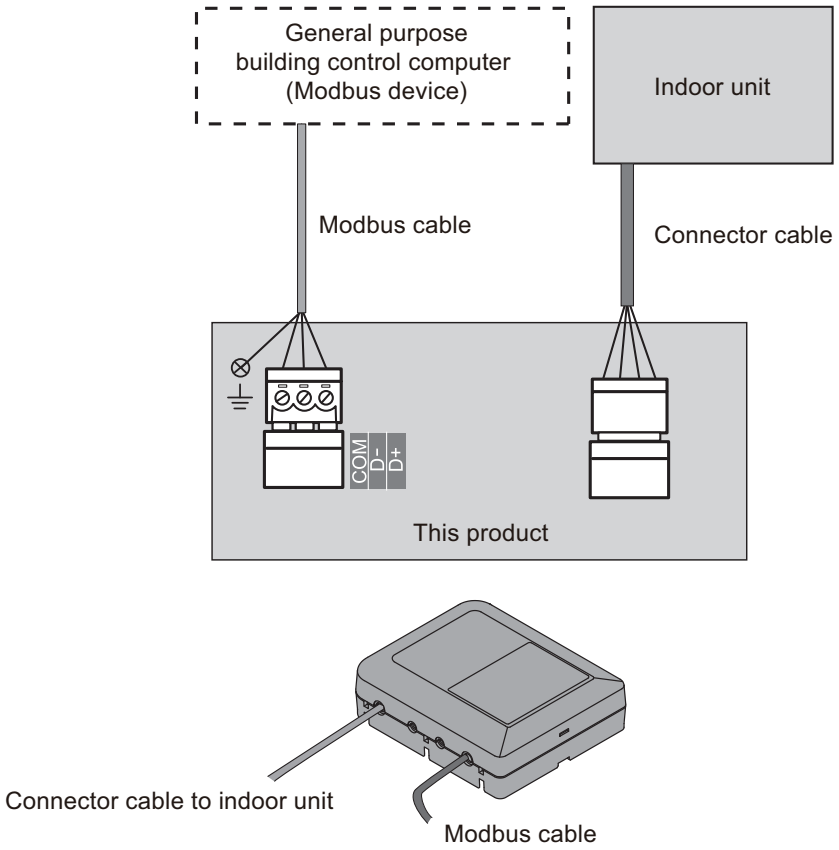
| | | |
|---|---|---|
| Maximum controllable indoor units number per 1 Modbus Converter | | 1 |
| Maximum number of connected Modbus Converter units to one Modbus primary unit | Without repeater | 31 |
| | With repeater | 247 |


CONTROL SYSTEM

## ■ Component location of PCB




## ■ Electrical wiring





CONTROL SYSTEM

# ■ Functions

- **Indoor unit control**
  Commands from Modbus network are sent to the respective indoor units.
  (Modbus network → indoor units)

- **Indoor unit status monitoring**
  Indoor unit status is communicated to the Modbus network in the form of indoor unit variables.
  (Modbus network ← indoor units)

## ● Control and monitoring items

| Item | Function | Description |
|---|---|---|
| Indoor unit control | On/Off Command* | Start/Stop operation |
| | Operation mode setting | Cooling/Heating/Auto/Fan/Dry |
| | Temperature setting | Set room temperature |
| | Airflow mode setting | Set airflow |
| | Thermostat off setting* | Thermostat off (Only one controller in VRF network system can do this.) |
| | Centrally control (Filter reset) | Prohibition of filter sign reset of remote controller |
| | Centrally control (All mode) | Prohibition of all mode of remote controller |
| | Centrally control (Timer mode) | Prohibition of timer mode of remote controller |
| | Centrally control (Set temperature mode) | Prohibition of set temperature mode of remote controller |
| | Centrally control (On/Off mode) | Prohibition of On/Off mode of remote controller |
| | Centrally control (On mode) | Prohibition of On mode of remote controller |
| | Centrally control (Operation mode) | Prohibition of operation mode of remote control |
| | Filter sign reset | Set filter sign reset command |
| | Anti-freeze setting | Set anti-freeze command |
| | Energy save mode setting | Set energy save command |
| | Vertical/Horizontal louver setting | Set Vertical/Horizontal louver |
| | Human detection auto save | Set human detection auto save |
| | Human detection auto off | Set human detection auto off |


CONTROL SYSTEM

| Item | Function | Description |
|---|---|---|
| Indoor unit monitoring | On/Off Status* | The indoor unit which is now operating can be monitored in all indoor units |
| | Operation mode setting status | Cooling/Heating/Auto/Fan/Dry mode status |
| | Temperature setting status | Room set temperature status |
| | Airflow mode setting status | Airflow mode status |
| | Setpoint temperature limit status | Room set temperature limit status |
| | Thermostat off setting status* | Thermostat off set value status |
| | Centrally control (Filter reset) status | Remote controller filter reset prohibition status |
| | Centrally control (All mode) status | Remote controller all mode prohibition status |
| | Centrally control (Timer mode) status | Remote controller timer mode prohibition status |
| | Centrally control (Set temperature) status | Remote controller set temp. prohibition status |
| | Centrally control (On/Off) status | Remote controller On/Off prohibition status |
| | Centrally control (On) status | Remote controller On prohibition status |
| | Centrally control (Operation) status | Remote controller operation prohibition status |
| | Anti-freeze setting status | Anti-freeze setting status |
| | Energy save mode setting status | Energy save mode set status |
| | Filter sign reset status | Filter sign reset status |
| | Room temperature status | Room temperature status |
| | Error code status | Error code status can be monitored. |
| | Vertical/Horizontal louver status | Vertical/Horizontal louver status |
| | Indoor unit status | Defrost/oil recovery/pump down can be monitored. |
| | Human detection auto save | Set human detection auto save status |
| | Human detection auto off | Set human detection auto off status |
| | Demand status | Demand control status |
| Convertor unit monitoring | Error code Status | Error code status |
| | Modbus communication setting information | Baud rate/subordinate address can be monitored. |
| | Model name | Convertor model name can be confirmed. |
| | Software version | Convertor software version can be confirmed. |



CONTROL SYSTEM

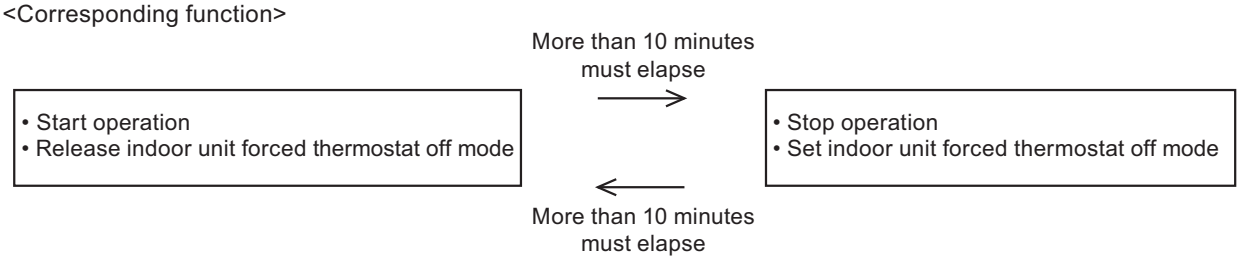
**NOTES:**

- For detailed information, refer to the interface specification posted on “Service & Supports” page of the web site.
  https://www.fujitsu-general.com/global/support/
- *: To protect the compressor of the outdoor unit, carefully read and understand the following caution that may affect the operation of compressor before executing the setting.

**⚠ CAUTION**

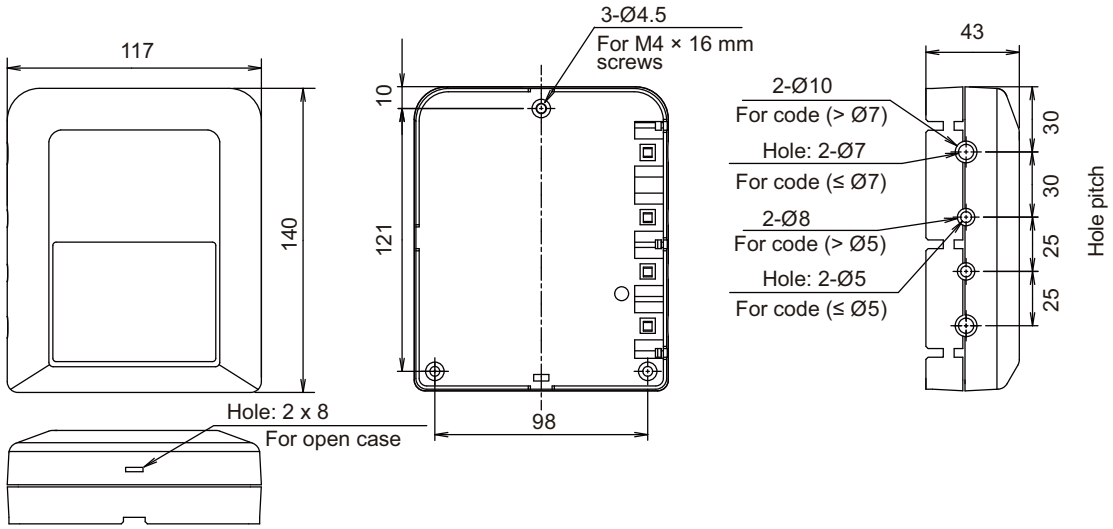
When performing periodic settings like schedule settings for the following functions, perform the setting to all indoor units in the same refrigerant system simultaneously, conforming to the timing restriction described below.

<Corresponding function>



# ■ Dimensions

Unit: mm




# ■ Specifications

| | | | |
|---|---|---|---|
| Input power | | W | 1.2 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 43 × 117 × 140 |
| Weight | | g | 200 |



CONTROL SYSTEM

## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Modbus cable | 0.128 to 1.25 $mm^2$<br>(26 to 16 AWG) | AWG16—26<br>Polar 3 core + PVC sheathed cable | |

## ● Transmission specifications

| | | |
|---|---|---|
| Transfer mode | | RTU mode |
| Communication method | | Half-duplex operation, Primary/Subordinate method |
| Communication speed | bps | 9,600/19,200 |
| Synchronous system | | Asynchronous communication method |
| Data bit | bit | 8 |
| Parity | | even/odd/none |
| Stop bit | bit | 2 (no parity)/1 |
| Network | | 3 wire RS485 |
| Maximum cable length | m | 1,000 |

# 3-8. BACnet Gateway (Hardware: UTY-VBGX)

- The convertor for connecting VRF network system to the BMS system using BACnet protocol.
- Maximum of 128 indoor units can be connected to one BACnet Gateway.
- VRF system can be centrally controlled or monitored by BMS via BACnet Gateway (UTY-VBGX).
- Maximum of 4 BACnet Gateway can be connected to one BMS.

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| USB memory | 1 | Includes the software and manuals of tool for BACnet Gateway |
| Connector cable | 1 | For initial setting tool |
| Dust proof bushing | 2 | For connecting the power supply cable |

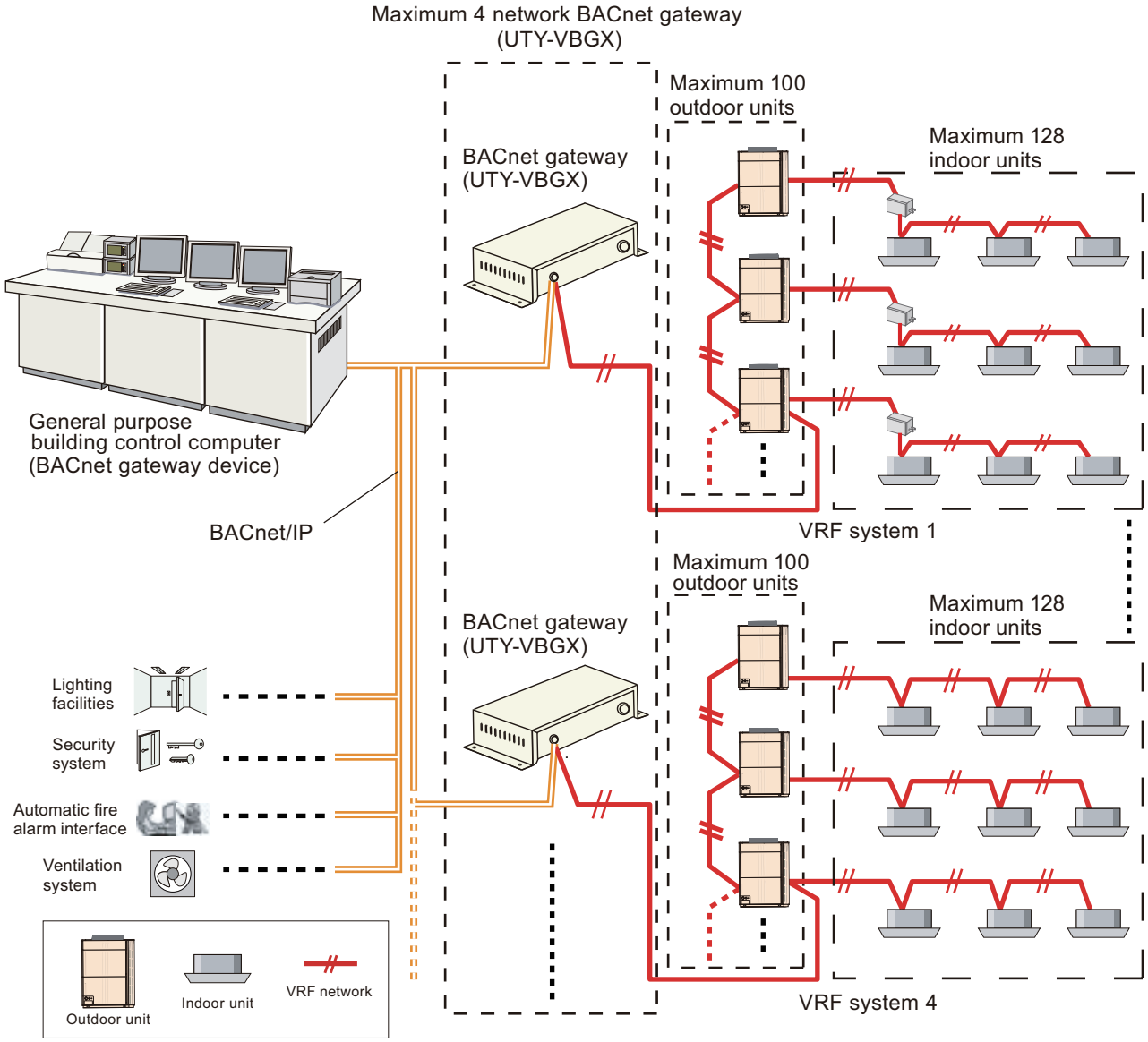
## ■ Other required devices (Locally purchased)

- To install tool for BACnet Gateway, personal computer that satisfies the following system requirements is necessary.

| Personal computer system requirement | |
|---|---|
| Operating system | • Microsoft Windows 10 Home (32-bit or 64-bit)<br>• Microsoft Windows 10 Pro (32-bit or 64-bit) |
| Memory | 1 GB or more |
| Display | 1,024 × 768 or higher resolution, 16-bit or higher color |
| Interface | USB port (× 1) |
| Software | Adobe Reader 9.0 or later |


CONTROL SYSTEM

# ■ System diagram

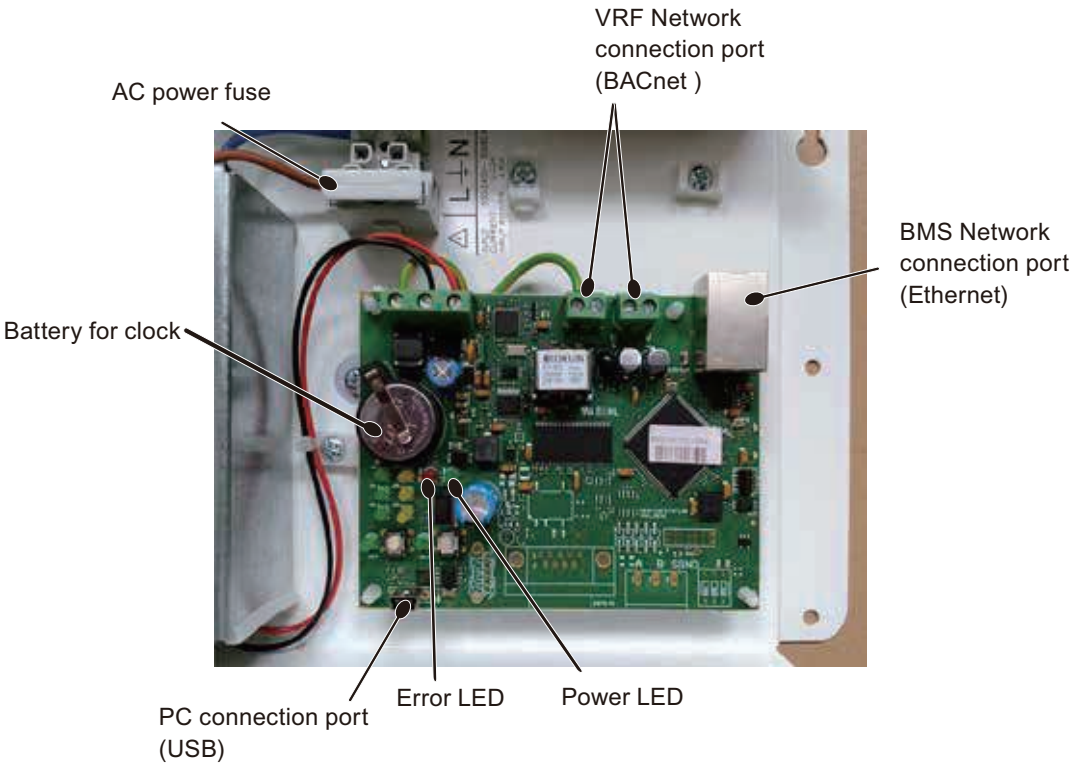



**NOTE:** BACnet Gateway (Hardware) and BACnet Gateway (Software) cannot co-exist within a VRF system.



CONTROL SYSTEM

# ■ Component location of PCB




**NOTE:** Ensure proper space for all connectors when mounted.

**⚠ CAUTION**

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

**Important**

Tight the power supply and the Lon cables to one of the 4 cable tie holes fixed to the casing with the plastic ties inside the BACnet Gateway (Hardware). Do not use 2 holes to tie one cable.

- **Power supply**
  Connect mains to the power supply connector as:
  – Brown: Line (L)
  – Yellow: Earth/Ground (E)
  – Blue: Neutral (N)

- **Ethernet/BACnet IP (UDP)/Console (UDP and TCP)**
  Connect the cable coming from the IP network to the connector ETH of the gateway. Use an Ethernet CAT5 or higher cable.

- **VRF network**
  Connect the Lon bus to connectors A (+), B (-) and (SNGD) of gateway's PCB.

- **Console port**
  Connect a mini-type B USB cable from your computer to the gateway to allow communication between the configuration software and the gateway. Ethernet connection is also allowed for configuration.


CONTROL SYSTEM

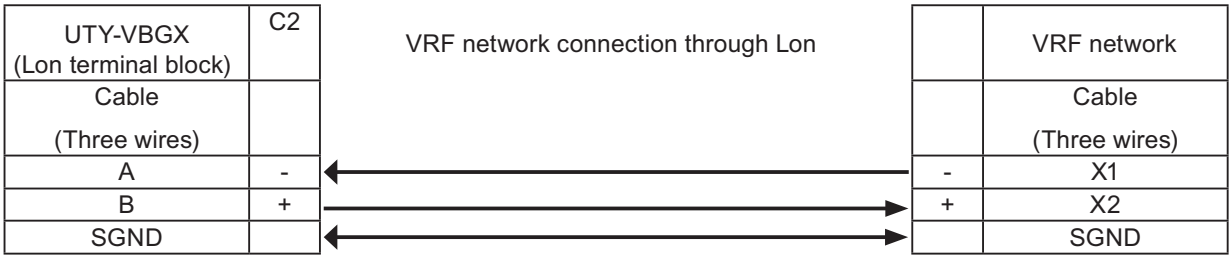
# ■ Configuration procedure

The following procedures presume that all VRF indoor/outdoor units are commissioned and operational, and that BACnet network toward the BMS workstation is operational.

1. Turn on the device.
   Power supply working with any of the voltage range allowed is necessary. Once connected the Power LED will turn on.

2. Connect to BACnet interface.
   Connect the communication cable coming from the network hub or switch to the Ethernet port of the gateway. The cable to be used is a straight Ethernet STP CAT5 or higher cable.
   In case there is no response from the BACnet devices to the frames sent by gateway, check that they are operational and reachable from the network connection used by the gateway.
   Check the gateway Ethernet interface sending pings to its IP address using a PC connected to the same Ethernet IP network. If the problem persists communicating through the LAN of the building, contact the network administrator.
   BACnet Gateway for VRF systems comes with DHCP functionality enabled by default.

3. Connect to VRF network.
   Use the Lon connector in the left bottom corner of the gateway in order to connect the VRF network to BACnet Gateway.




4. Connect to PC (Configuration tool).
   This action allows the user to have access to configuration and monitoring of the device. Two methods to connect to the PC can be used:
   - USB cable: To connect the device to the PC the USB cable supplied should be plugged to USB console port. (This method is recommended.)
   - Ethernet: Using ETH port of the gateway

   **NOTE:** Install the configuration tool to the PC before connecting to the gateway.

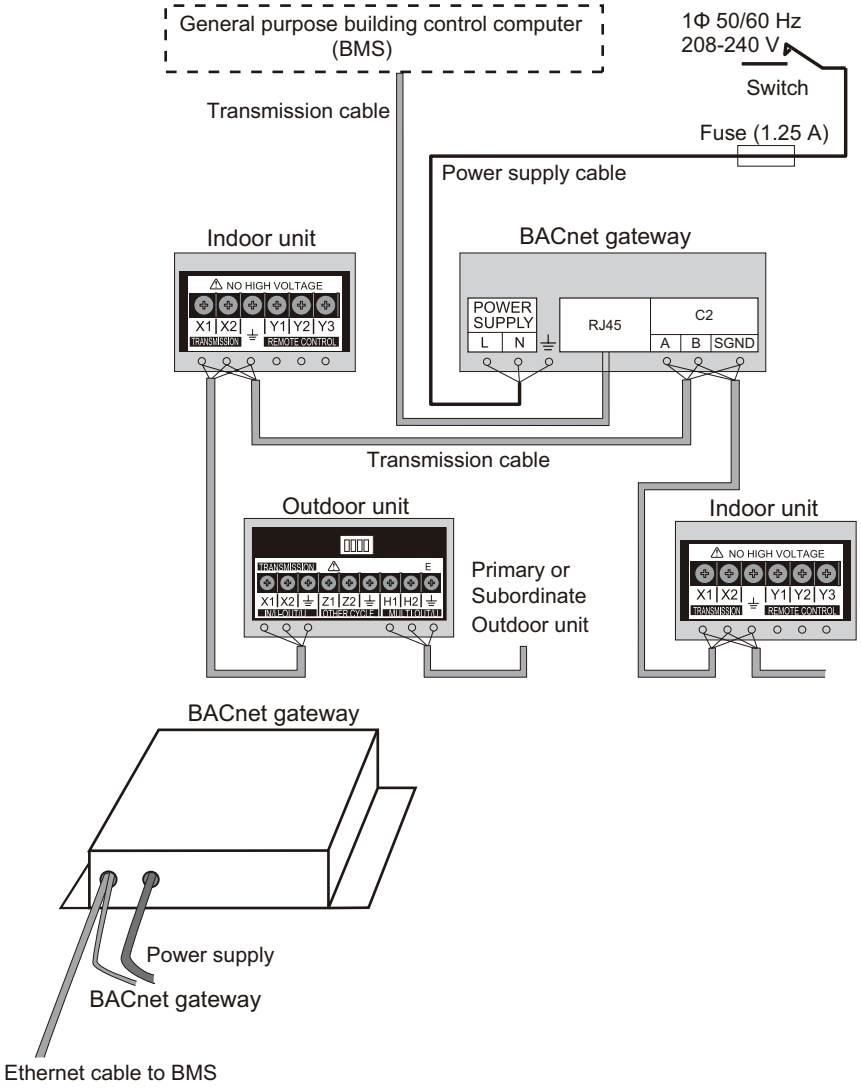
5. Execute the configuration tool from the PC and perform necessary settings.
   For details, refer to Instruction manual.

6. Create project, perform scan from the configuration tool, and check that all VRF indoor/outdoor units are detected and available, then write the project to the gateway.
   Refer to the *INSTRUCTION MANUAL* for detail.

7. Remove the USB cable from the gateway, and close the case.
   In this stage, BACnet Gateway should be accessible from the BMS workstation. Integration of BACnet system is ready to be performed.


CONTROL SYSTEM

# ■ Electrical wiring




**NOTES:**

- Do not bind the power supply cable and transmission cable to avoid an erroneous operation.
- Use shield cable for transmission cable. The shield metal should be grounded.
- Do not forget to ground the BACnet Gateway.

# ■ Functions

- **Indoor unit control**
  - Individual control
    Commands from BACnet network are sent to the respective indoor units.
    (BACnet network → respective indoor units of VRF network)

  - Group Control
    Commands from BACnet network are sent to all indoor units connected to VRF network.
    (BACnet network → All indoor units of VRF network)

- **Indoor unit status monitoring**
  Indoor unit status is communicated to the BACnet network in the form of BACnet objects.
  (BACnet network ← All indoor units of VRF network)


CONTROL SYSTEM

## ● Control and monitoring items with object types

| Function name | Category | | | BACnet object type*1 | Remarks |
|---|---|---|---|---|---|
| | Target | Monitor | Control | | |
| Operation setting*2 | Bat | — | ○ | BO | |
| Operation mode | Bat | — | ○ | MO | |
| Temperature setting | Bat | — | ○ | AO | |
| Fan speed | Bat | — | ○ | MO | |
| R/C prohibition | Bat | — | ○ | MO | |
| Gateway | GW | ○ | — | D | No monitor/control difference |
| Representative error | GW | ○ | — | BI | Gateway, Lon communication |
| Error code | GW | ○ | — | MI | Gateway, Lon communication<br>Error codes to signal gateway status will be agreed with FGL during development. |
| Energy saving status/setting | GW | ○ | ○ | BI/BO | |
| Existence check | In | ○ | — | BI | |
| Temperature status/setting | In | ○ | ○ | AI/AO | |
| Operation status/setting | In | ○ | ○ | BI/BO | |
| Operation mode status/setting | In | ○ | ○ | MI/MO | |
| Fan speed status/setting | In | ○ | ○ | MI/MO | |
| Suction/Room temperature | In | ○ | — | AI | |
| Representative error | In | ○ | — | BI | |
| Error code | In | ○ | — | MI | |
| Temperature H/L limit status/setting | In | ○ | ○ | AI/AO | H/L limit per 3 operation Mode: HEAT, COOL-DRY, and AUTO |
| Temperature limit validity status/setting | In | ○ | ○ | BI/BO | |
| Filter sign status/reset | In | ○ | ○ | BI/BO | Only reset for control |
| Forced thermo off status/setting*3 | In | ○ | ○ | BI / BO | |
| Emergency stop | In | ○ | — | BI | |
| R/C prohibition status/setting | In | ○ | ○ | MI/MO | |
| Vertical fan status/setting | In | ○ | ○ | MI/MO | |
| Horizontal fan status/setting | In | ○ | ○ | MI/MO | |
| Managed mode | In | ○ | — | MI | |
| Outdoor unit save status/setting | Out | ○ | ○ | MI/MO | |
| Low noise operation status/setting | Out | ○ | ○ | MI/MO | Monitor not supported by all |
| Representative error | Out | ○ | — | BI | |
| Error code | Out | ○ | — | MI | |
| Forced off status/setting | Out | ○ | ○ | BI/BO | |


CONTROL SYSTEM

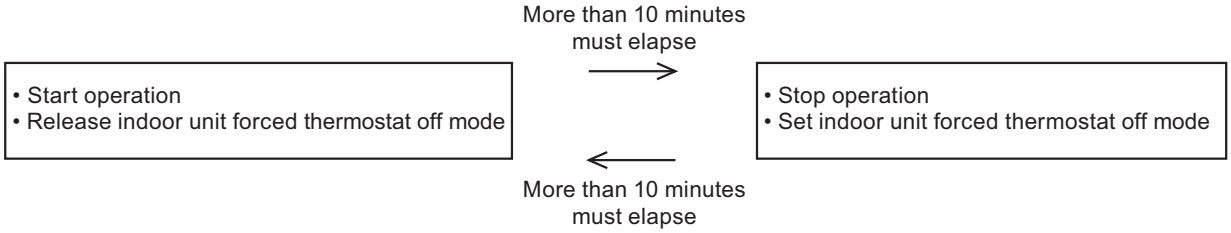
**NOTES:**

- For detailed information, refer to the instruction manual posted on “Service & Supports” page of the web site.
  https://www.fujitsu-general.com/global/support/
- *1: BACnet object type
  - BI: OBJECT_BINARY_INPUT
  - BO: OBJECT_BINARY_OUTPUT
  - MI: OBJECT_MULTISTATE_INPUT
  - MO: OBJECT_MULTISTATE_OUTPUT
  - AI: OBJECT_ANALOG_INPUT
  - AO: OBJECT_ANALOG_OUTPUT
  - D: OBJECT_DEVICE
- *2: To protect the compressor of the outdoor unit, carefully read and understand the following caution that may affect the operation of compressor before executing the setting.

**⚠ CAUTION**

When performing periodic settings like schedule settings for the following functions, perform the setting to all indoor units in the same refrigerant system simultaneously, conforming to the timing restriction described below.

<Corresponding function>

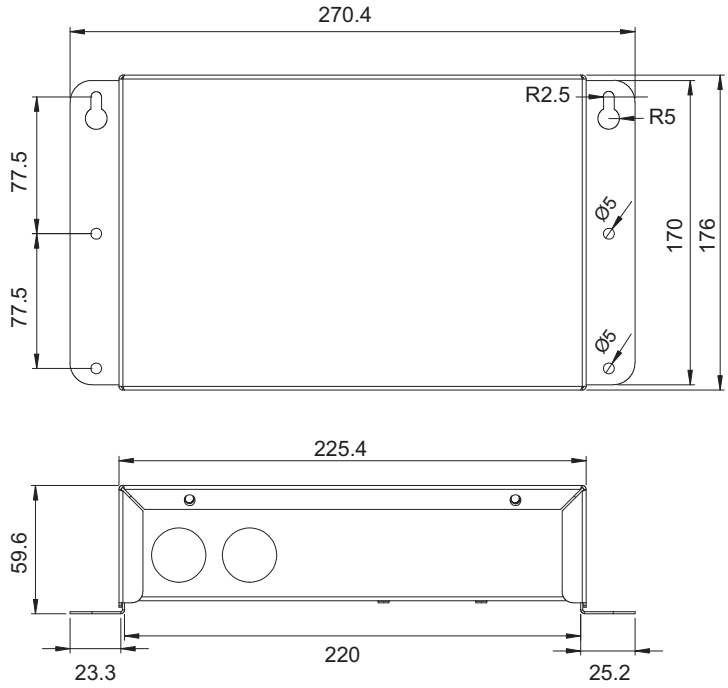



- *3: Forced thermostat off instruction
  - Only one equipment can send these instructions for each refrigerant system.
  - When these instructions are sent by multiple equipment, the system may not respond as instructed or may cause malfunction.


CONTROL SYSTEM

# ■ Dimensions

Unit: mm




# ■ Specifications

| | | | |
|---|---|---|---|
| Power supply | | V | 1 Ø AC 208—240 |
| Power source frequency | | Hz | 50/60 |
| Input power | | W | 4.6 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 5 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 60 × 270 × 176 |
| Weight | | g | 1,200 |
| Fuse capacity | | A | 1.25 |

## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Power supply cable | 0.5 to 1.25 $mm^2$<br>(20 to 16 AWG) | 60245 IEC 57 or equivalent | 1 Ø AC 208—240 V 50/60 Hz,<br>2 wire + ground (Always ground the unit) |
| Transmission cable | Ethernet category 5 or higher<br>STP LAN cable with RJ45 | | Straight cable |

## ● Transmission specifications

| BACnet/IP (ASHRAE 135 Annex J) | | |
|---|---|---|
| Transmission speed | Mbps | 10/100 |
| Cable | | Ethernet category 5 or higher STP<br>22 AWG equivalent |
| Network connector | | RJ45 |


CONTROL SYSTEM

# 3-9. BACnet Gateway (Software: UTY-ABGXZ1)

- It is possible to connect medium to large sized BMS to VRF network system via BACnet, a global standard for open networks.
- A Maximum of 1,600 indoor units with 4 VRF network systems (a maximum of 400 indoor units and 100 outdoor units for one network system) can be connected to one BACnet Gateway.
- It is possible to control or monitor VRF network system from BMS via BACnet Gateway.
- Compatible with BACnet (ANSI/ASHRAE-135-2012) application specific controller (B-ASC).
- Compatible with BACnet/IP over Ethernet.
- Scheduling function, alarm and event functions, electricity charge apportionment functions as well as energy saving function are provided in BACnet Gateway.
- Connection between VRF network system to personal computer is possible via small U10 USB interface. However, both U10 USB interface and personal computer are locally purchased items.

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| WHITE-USB-KEY (Software protection key with software) | 1 | Includes the software and manuals of tool for BACnet Gateway. Additionally, it works as the software protection key. Software protection key to be connected to an USB port on the PC that the BACnet Gateway is installed. BACnet Gateway runs only on a PC with this WHITE-USB-KEY. |

## ■ Other required devices (Locally purchased)

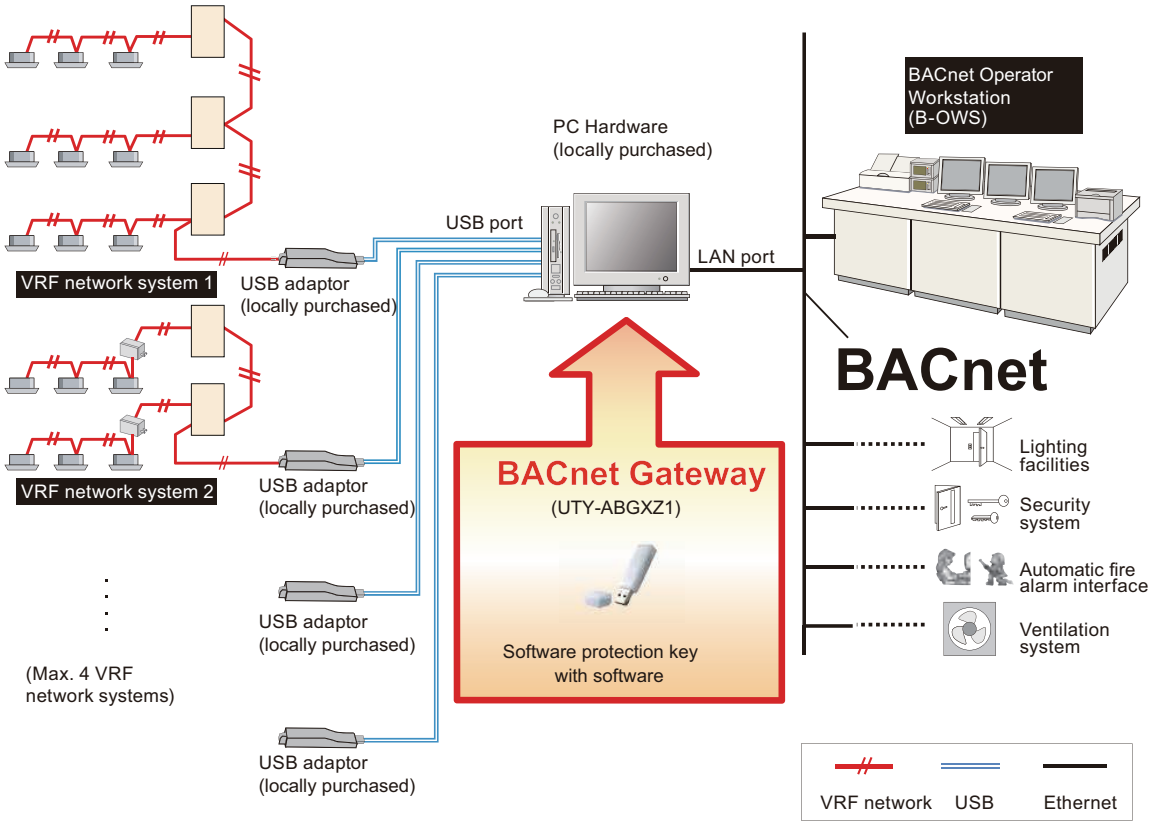
- To install tool for BACnet Gateway, personal computer that satisfies the following system requirements is necessary.

| Personal computer system requirement | |
|---|---|
| Operating system | • Microsoft Windows 10 Home (64-bit)<br>• Microsoft Windows 10 Pro (64-bit)<br>• Microsoft Windows 11 Home (64-bit)<br>• Microsoft Windows 11 Pro (64-bit)<br><br>Supported languages: English, Chinese, French, German, Russian, Spanish, and Polish |
| CPU | Intel Core i3 2 GHz or higher |
| Memory | • 4 GB or more (for Windows 10)<br>• 8 GB or more (for Windows 11) |
| HDD | 40 GB or more of free space |
| Display | 1,024 × 768 or higher resolution |
| Interface | • Ethernet port (for getting access to the Internet using LAN) or Modem (for getting access to the Internet using public telephone line)<br>• USB ports (Maximum of 5 ports) (Required only for the server PC that works as VRF controller)<br>– Maximum of 1 USB ports are required for WHITE-USB-KEY connection<br>– Maximum of 4 USB ports are required for Echelon U10 USB/U60-FT DIN Network Interface<br><br>**NOTE:** Maximum number of required USB ports depends on the applicable system configuration. |
| Software | Adobe Reader 9.0 or later |

- Transmission adapter (Required for each VRF network):
  – Echelon U10 USB Network Interface – TP/FT-10 Channel (Model number: 75010R)
  – Echelon U60-FT DIN Network Interface (Model number: 75060R-40)


CONTROL SYSTEM

## ■ System diagram




## ■ Functions

- **Indoor unit control (Output object)**
  Commands from BMS are sent to the respective indoor units via BACnet Gateway.
  (BMS → BACnet Gateway → respective indoor units of VRF network system)

- **Indoor unit status monitoring (Input object)**
  Indoor unit status is communicated to the BMS via BACnet Gateway.
  (BMS ← BACnet Gateway ← respective indoor units of VRF network system)

- **Outdoor unit control (Output object)**
  Commands from BMS are sent to the respective outdoor units via BACnet Gateway.
  (BMS → BACnet Gateway → respective outdoor units of VRF network system)

- **Outdoor unit status monitoring (Input object)**
  Outdoor unit status is communicated to the BMS via BACnet Gateway.
  (BMS ← BACnet Gateway ← respective outdoor units of VRF network system)


CONTROL SYSTEM

# ● BACnet Object list

## • Type: Indoor

| BACnet object type | Code (II) | Function name | Unit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Inactive | Active | | | | | |
| | | | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 | Text-7 |
| AI | 10 | Set temp. status | Degree | | | | | | |
| | 11 | Space temp. | Degree | | | | | | |
| | 12 | Auto temp. (Low limit status) | Degree | | | | | | |
| | 13 | Auto temp. (High limit status) | Degree | | | | | | |
| | 14 | Cool/Dry temp. (Low limit status) | Degree | | | | | | |
| | 15 | Cool/Dry temp. (High limit status) | Degree | | | | | | |
| | 16 | Heat temp. (Low limit status) | Degree | | | | | | |
| | 17 | Heat temp. (High limit status) | Degree | | | | | | |
| AO | 10 | Temp. setting | Degree | | | | | | |
| | 11 | Auto temp. (Low limit setting) | Degree | | | | | | |
| | 12 | Auto temp. (High limit setting s) | Degree | | | | | | |
| | 13 | Cool/Dry temp. (Low limit setting) | Degree | | | | | | |
| | 14 | Cool/Dry temp. (High limit setting) | Degree | | | | | | |
| | 15 | Heat temp. (Low limit setting) | Degree | | | | | | |
| | 16 | Heat temp. (High limit setting) | Degree | | | | | | |
| AV | 10 | ECA* operation data | | | | | | | |
| BI | 10 | Operation status | OFF | ON | | | | | |
| | 14 | Filter sign status | Unsigned | Signed | | | | | |
| | 15 | Indoor unit error status | Normal | Fault | | | | | |
| | 16 | Anti-freeze operation status | Reset | Set | | | | | |
| | 17 | SAVE operation status | Normal | SAVE | | | | | |
| | 18 | Forced thermostat off status | Reset | Set | | | | | |
| | 19 | Emergency stop status | Normal | Stop | | | | | |
| | 20 | Mode mismatch status | Normal | Mismatch | | | | | |
| | 21 | Protect anti-freeze status | Reset | Set | | | | | |
| | 22 | Setting Temperature Range Limitation valid status | Invalid | Valid | | | | | |
| BO | 10 | Operation setting | OFF | ON | | | | | |
| | 14 | Filter sign resetting | Reset | Not reset | | | | | |
| | 15 | Anti-freeze operation setting | Reset | Set | | | | | |
| | 16 | SAVE operation setting | Reset | Set | | | | | |
| | 17 | Forced thermostat OFF setting | Reset | Set | | | | | |
| | 18 | Emergency stop setting | Reset | Set | | | | | |
| | 19 | Setting Temperature Range Limitation valid setting | Invalid | Valid | | | | | |
| MI | 10 | Operation mode status | COOL | HEAT | FAN | DRY | AUTO | | |
| | 11 | Fan speed status | LOW | HIGH | MED | AUTO | QUIET | MED-LOW | MED-HIGH |
| | 12 | Indoor unit error code | Refer to FGL original error code | | | | | | |
| | 13 | Remote Controller Prohibition status | Refer to Remote Controller Prohibition setting chart | | | | | | |
| | 14 | Vertical airflow direction status | 1 | 2 | 3 | 4 | SWING | | |
| | 15 | Horizontal airflow direction status | 1 | 2 | 3 | 4 | 5 | SWING | |
| | 16 | Special driving status | Normal | Defrost | Oil recovery | | | | |
| | 17 | Managed mode | None | Primary | Subordinate | External | | | |
| MO | 10 | Operation mode status | COOL | HEAT | FAN | DRY | AUTO | | |
| | 11 | Fan speed setting | LOW | HIGH | MED | AUTO | QUIET | MED-LOW | MED-HIGH |
| | 12 | Remote Controller Prohibition setting | Refer to Remote Controller Prohibition setting chart | | | | | | |
| | 13 | Vertical airflow direction setting | 1 | 2 | 3 | 4 | SWING | | |
| | 14 | Horizontal airflow direction setting | 1 | 2 | 3 | 4 | 5 | SWING | |
| TL | 10 | ECA* operation data log | | | | | | | |

*: Electricity charge apportionment

## • Type: Outdoor

| BACnet object type | Code (II) | Function name | Unit | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Inactive | Active | | | | | | |
| | | | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 | Text-7 | Text-8 |
| BI | 30 | Outdoor unit error status | Normal | Fault | | | | | | |
| | 31 | Forced off status | Reset | Set | | | | | | |
| BO | 30 | Forced off setting | Reset | Set | | | | | | |
| MI | 30 | Outdoor unit priority operation status*1 | COOL | HEAT | Neautral | None | | | | |
| | 31 | Outdoor error code | Refer to FGL original error code | | | | | | | |
| | 32 | Capacity Limit Status | Not set | 100% | 90% | 80% | 70% | 60% | 50% | 40% |
| | 33 | Outdoor low noise operation status*2 | | | | | | | | |
| MO | 30 | Outdoor low noise operation status*3 | Stop | Level-1 Quiet | Level-1 Ability | Level-2 Quiet | Level-2 Ability | Level-3 Quiet | Level-3 Ability | |
| | 32 | Capacity Limit Setting | Not set | 100% | 90% | 80% | 70% | 60% | 50% | 40% |

- *1: Priority operation status is for Heat pump type VRF. In other types of systems, this status is not necessary.
- *2: Refer to the “Outdoor unit low nose operation value table” for the texts used with the “Outdoor low noise operation status”.
- *3: Outdoor unit firmware may need to be updated for this function to work. For details, contact your local sales company.


CONTROL SYSTEM

- **Type: Gateway**

| BACnet object type | Code (II) | Function name | Unit | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Inactive | Active | | | | |
| | | | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
| Device | — | Device information | | | | | | |
| BI | 00 | Lon network adapter error status | Normal | Abnormal | | | | |
| | 01 | Gateway status error | Normal | Abnormal | | | | |
| | 02 | ES status | Not used | Energy saving | | | | |
| BO | 02 | ES setting | Not used | Energy saving | | | | |
| MI | 00 | Lon network adapter error code | Refer to FGL original error code | | | | | |
| | 01 | Gateway error code | Refer to FGL original error code | | | | | |
| | 02 | ECA* status | Invalid | Invalid (Stop) | Include indoor unit only | Exclude indoor and RB unit | Include indoor and RB unit | Include RB unit |
| MO | 01 | ECA* setting | Stop | Include indoor unit only | Exclude indoor and RB unit | Include indoor and RB unit | Include RB unit | |
| Notification | 00—99 | Notification class | | | | | | |
| CAL | 00 | Calendar “Holiday-1” | | | | | | |
| | 01 | Calendar “Holiday-2” | | | | | | |
| | 02—32 | Calendar “Special day-1”—”Special day-30” | | | | | | |
| Schedule | 00—99 | Schedule timer | | | | | | |
| *: Electricity charge apportionment | | | | | | | | |

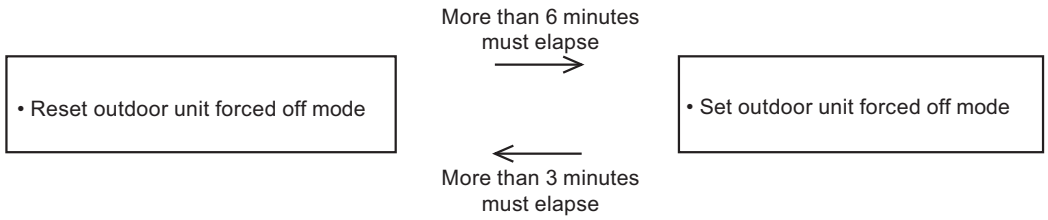
**NOTES:**

- To protect the compressor of the outdoor unit, carefully read and understand the following cautions that may affect the operation of compressor before executing the setting.

**⚠ CAUTION**

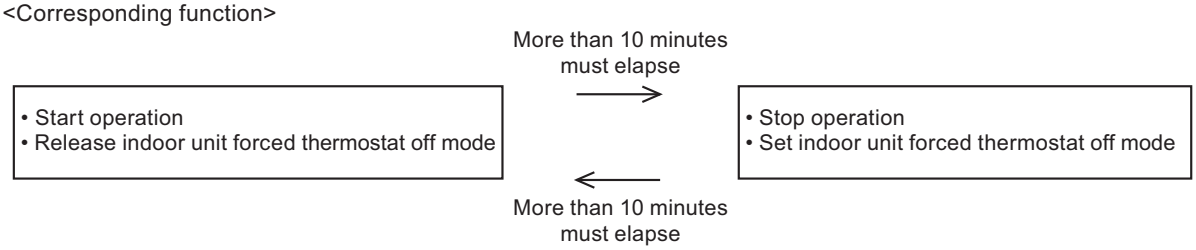
- When regularly making the following settings to the same outdoor unit by using schedule function etc., leave the following interval.

<Corresponding function>




- When performing periodic settings like schedule settings for the following functions, perform the setting to all indoor units in the same refrigerant system simultaneously, conforming to the timing restriction described below.

<Corresponding function>




- Forced thermostat off instruction, outdoor unit forced off instruction, and capacity saving setting
  - Only one equipment can send these instructions for each refrigerant system.
  - When these instructions are sent by multiple equipment (eg. from System Controller and BACnet Gateway at the same time), the system may not respond as instructed or may cause malfunction.

- The electricity charge apportionment function of VRF system can only be performed from one equipment simultaneously. Therefore, ECA setting, required to be set before performing electricity charge apportionment, can only be sent from one equipment simultaneously.

- The energy saving function of VRF system can only be performed from one equipment simultaneously. Therefore, ES setting, required to be set before performing energy saving, can only be sent from one equipment simultaneously.


CONTROL SYSTEM

## ■ Installation procedure

Before installation, connect between the VRF network system and the USB adapter.

For details of installation, refer to the instruction manual.
Brief installation steps are follows:

1. Install an appropriate driver for the USB adapter to the PC.
   In this step, do not connect the USB adapter to the PC.

2. Install the BACnet Gateway (application software) to the PC.

3. Restart the PC.

4. After restarting the PC, make sure that the USB adapter, WHITE-USB-KEY, and Ethernet cable for the BACnet Gateway are connected to the PC.

5. Start the application.

6. Configure necessary settings for startup operation as follows:
   a. Perform all necessary initial settings such as IP address, etc. Then, click OK button.
      Adapter setting window appears automatically.

   b. Select the connected adapter and click OK button. Then unit registration window appears and starts scanning all connected units automatically.

   c. After finishing the scanning, click OK button.
      Gateway execution window appears on the display when the startup operation is completed.

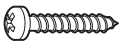
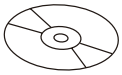
7. Arrange the information between BMS and BACnet Gateway using the read property service, etc.


CONTROL SYSTEM

# 3-10. WLAN Adapter (UTY-TFSXZ1)

By installing FGLair on a smart device, several functions can be controlled from outside the house.

## ■ Accessory

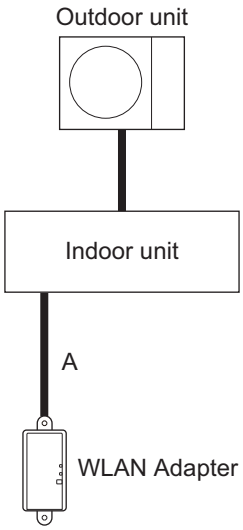
| Name and shape | Qty | Application |
|---|---|---|
| EMI core | 1 | For details on use and method of installation, refer to the indoor unit installation manual. |
|  Screw (M4 × 25 mm) | 2 | For mounting the wireless LAN adapter. |
| Wireless LAN label | 1 | |
| Setting manual | 1 | |
|  Operation manual (CD-ROM) | 1 | |


CONTROL SYSTEM

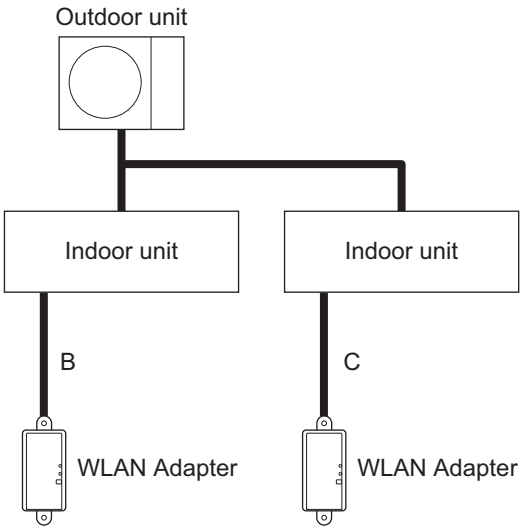
# ■ System diagram

One WLAN Adapter can be connected to each indoor unit.

**Single system**




**Multiple system**



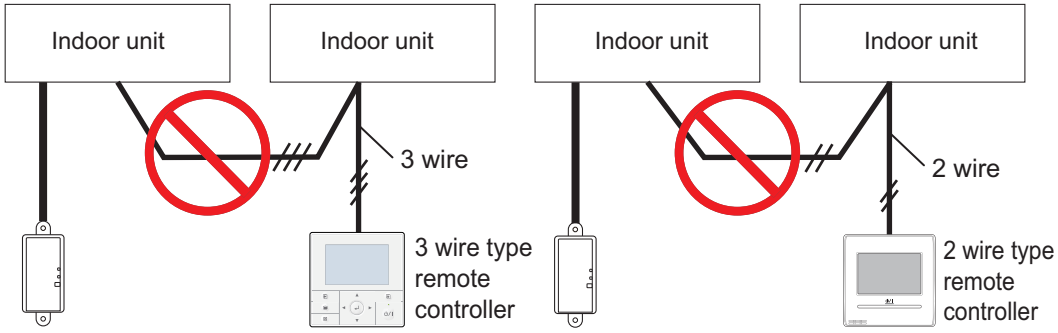

A, B, and C: Attached cable with this product.



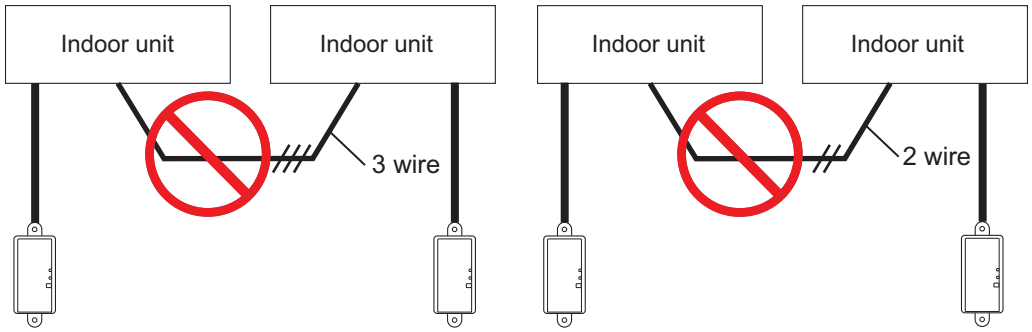
CONTROL SYSTEM

**Prohibited uses:**

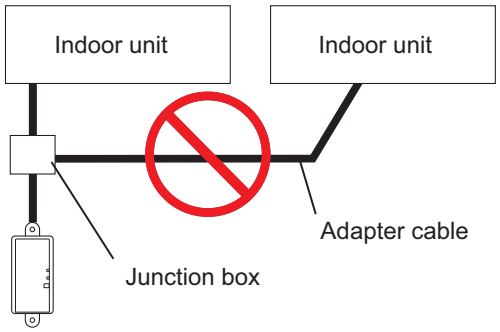
(1) Group connection of indoor units with wired remote controller



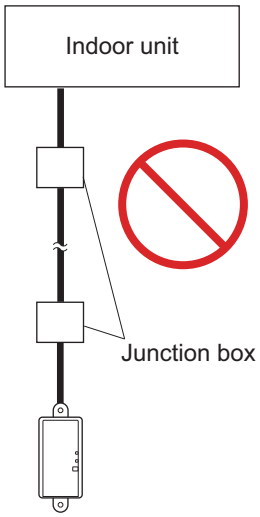

(2) Group connection of indoor units




(3) Group connection of indoor units with WLAN Adapter cable.




(4) Extended wiring
Extending the cable is prohibited.

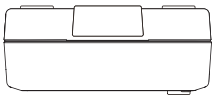




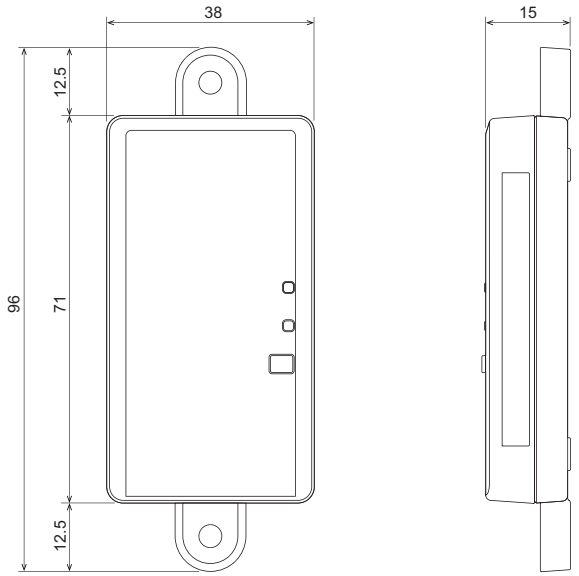

CONTROL SYSTEM

# ■ Dimensions

Unit: mm



Top view



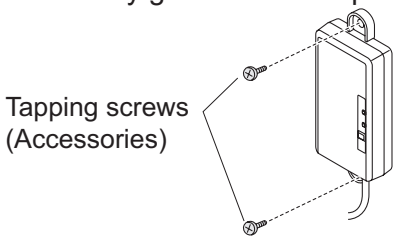

Top view Side view

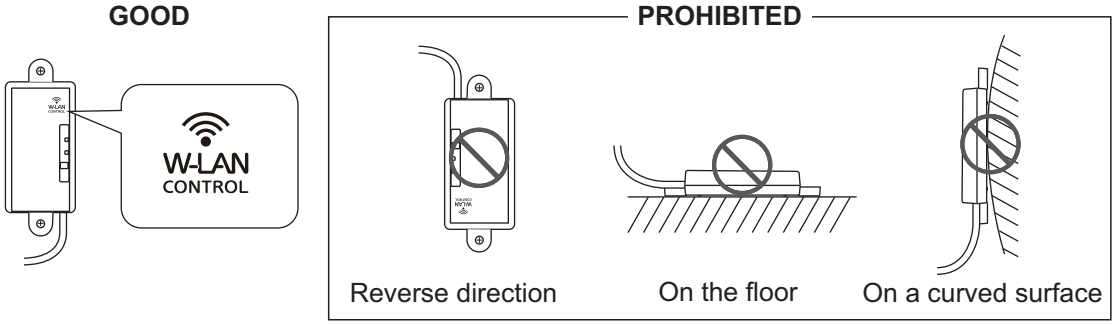


CONTROL SYSTEM

# ■ Installation

1. With referring the setting manual, perform wire connection.
2. Install the WLAN adapter in the direction as shown in this figure. If the WLAN adapter is installed in the wrong direction, water may get into the adapter through the wire, causing failure.




3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) on the PCB of indoor unit to “2WIRE”.

# ■ Specifications

| | | | |
|---|---|---|---|
| Maximum radio-frequency power | | mW | 80 |
| Dimensions (H × W × D) | Net | mm | 71 × 38 × 15 |
| | Gross | | 207 × 138.5 × 50 |
| Weight | Net | g | 35 (without cable) |
| | Gross | | 380 |
| Operation temperature range | | °C | 0 to 46 |

## ● System requirement

Before using this function, prepare the following items:

- **Wireless router:**

| | |
|---|---|
| Wireless LAN standard | IEEE802.11b/g/n |
| Frequency bands* | • U.S.A., Canada: 2.4 GHz (1ch—11ch)<br>• Other countries: 2.4 GHz (1ch—13ch) |
| Network security standard | • Open<br>• WEP<br>• WPA (PSK)<br>• WPA2 Personal (PSK)<br>• WPS for same-LAN registration |

*: Usable only in the country or region where you purchased the product.
To check whether your wireless router complies with the network security standards listed above, refer to the operation manual.

- **Smartphone or Tablet PC:**

| | | |
|---|---|---|
| App-compliant operating system | iOS | Check the latest version of supported OS at Google Play store or App Store. |
| | Android | |

- **FGLair™ (mobile application):**
Mobile app is available on Google Play store or on App Store.
After installation of mobile app, user registration is required. For user registration and setup information, refer to Setting Manual attached with the product.

For the latest version of the Wireless LAN (WLAN) control manuals, refer to the following web site.
https://www.fujitsu-general.com/global/support/


CONTROL SYSTEM

# ● Wireless LAN function list

**NOTE:** To use Wireless LAN control, user registration in advance and access to the wireless home network are required.

| Item | | | Mobile app |
|---|---|---|---|
| Air conditioning control function | Operation on/off | | ○ |
| | Operation mode setting | | ○ |
| | Set temperature setting | | ○ |
| | Fan speed setting | | ○ |
| | Airflow direction setting*1 | Louver position adjustment (vertical/horizontal) | ○ |
| | | Swing (vertical/horizontal) | ○ |
| | Timer setting | Weekly timer*2 | ○ |
| Additional function | ECONOMY operation setting | | ○ |
| | Room temperature indication*3 | | ○ |
| App function | Air conditioner error e-mail notification | | ○ |

○: Available, —: Not available

*1: Different by the indoor unit function.

*2: Each of weekly timer of wireless/wired remote controller and mobile application has different settings. If timer settings are done from mobile application and from wireless remote controller/wired remote controller, both timer settings will be active.

*3: For using this function in VRF system, non-polar 2-wired remote controller needs to be connected to the indoor unit, and the room temperature sensor on the wired remote controller should be enabled.



CONTROL SYSTEM

# 3-11. Signal Amplifier (UTY-VSGXZ1)

If the total length of transmission cable exceeds 500 m, or the number of the elements exceeds 64 units, Signal Amplifier will be required.

- Transmission cable length can be extended up to 3,600 m with multiple Signal Amplifier.
- Up to 8 Signal Amplifier (Filter mode is off) can be installed in one VRF network system.
- Up to 40 Signal Amplifier (Filter mode is on) can be installed in one VRF network system. (For Heat recovery system)
- When indoor units is installed 321 or more, install one Signal Amplifier (Filter mode is on) for every 64 units. (However, only when Heat recovery system is installed.)

To prevent the drop of signal level by taking distance of length or quantity of unit in VRF network with installing Signal Amplifier, signal level can be recovered.

## ■ Accessory

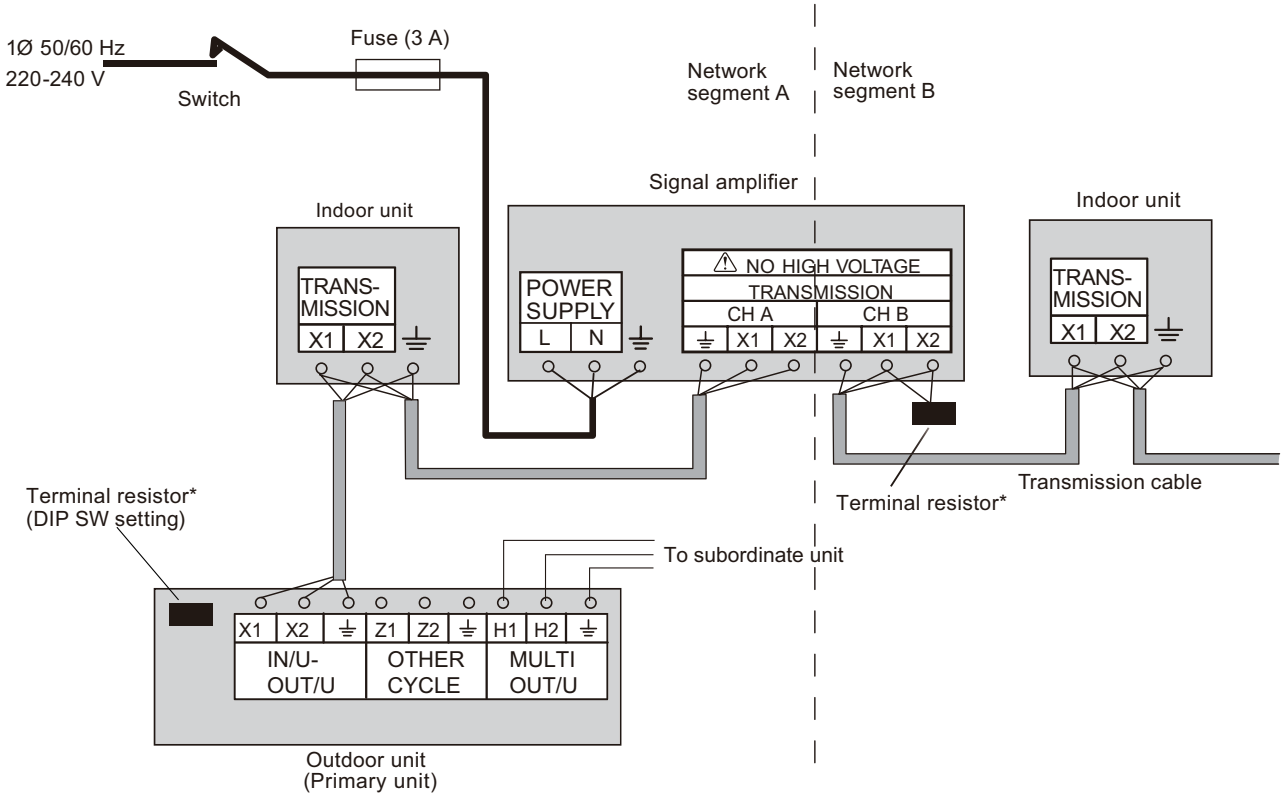
| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 3 | For mounting the power supply cable and transmission cable |
| Screw (M4 × 20 mm) | 4 | For mounting the Signal Amplifier |
| Terminal register | 1 | It is used when there is no terminal resistor in a segment. |
| Dust proof bushing | 1 | For connecting the power supply cable |
| Connecting wire | 1 | For setting the filter mode |
| Installation manual | 1 | |

CONTROL SYSTEM

CONTROL SYSTEM

# ■ Electrical wiring

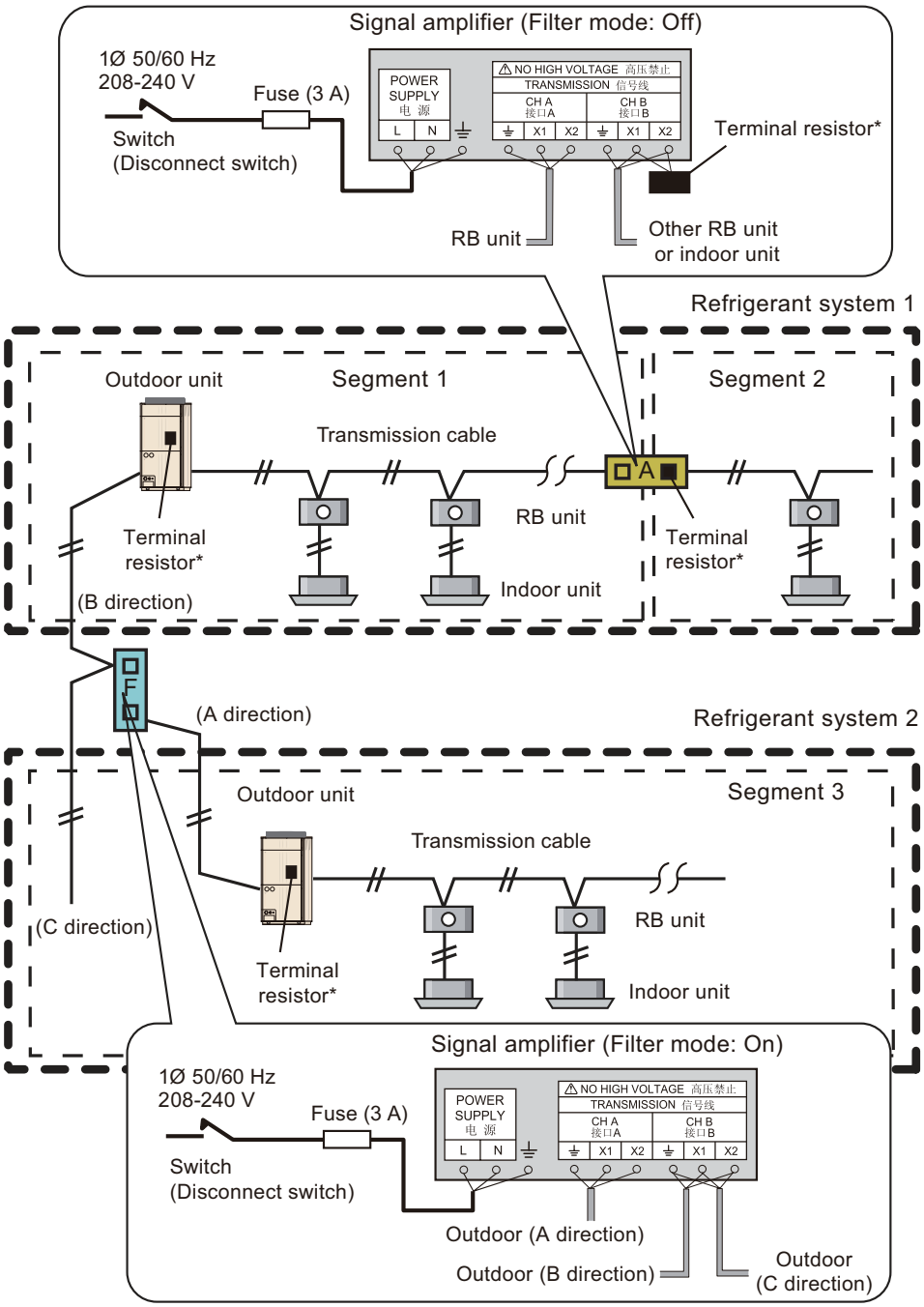
- **Except in the case of V and S series (indoor units is installed 320 units or less)**




*: Make sure to install 1 piece of terminal resistor to each segment. Terminal resistor is provided for each outdoor unit, but confirm that there is only one terminal resistor in the same segment.


CONTROL SYSTEM

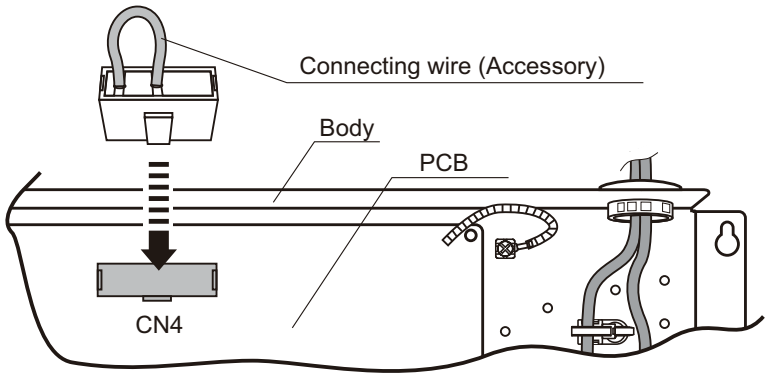
- **Case of VR-IV (321 or more indoor units are installed)**




*: Make sure to install 1 piece of terminal resistor to each segment. Terminal resistor is provided for each outdoor unit, but confirm that there is only one terminal resistor in the same segment.

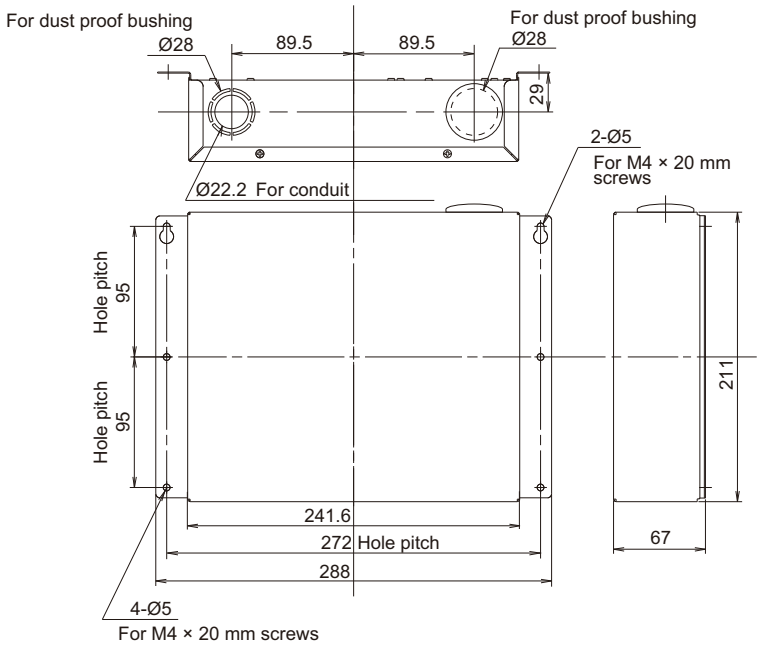

CONTROL SYSTEM

- **Filter mode setting**
  Set the filter mode to suppress an increase of the amount of communication information in the Heat recovery system.
  – Filter mode is turned on by inserting the accessory connecting wire at the CN4 connector on the PCB.
  – When the filter mode setting is changed, turn the power off once. Otherwise, the setting will not be recognized.




## ■ Dimensions

Unit: mm





CONTROL SYSTEM

# ■ Specifications

| | | | |
|---|---|---|---|
| Power supply | | V | 1 Ø AC 208—240 |
| Power source frequency | | Hz | 50/60 |
| Input power | | W | 4.5 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 67 × 288 × 211 |
| Weight | | g | 1,500 |
| Fuse capacity | | A | 3 |

## ● Wiring specifications

| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Power supply cable | 0.5 to 1.25 $mm^2$<br>(20 to 16 AWG) | 60245 IEC 57 or equivalent | 1 Ø AC 208—240 V 50/60 Hz,<br>2 wire + ground (Always ground the unit) |
| Transmission cable | 0.33 $mm^2$<br>(22 AWG) | LEVEL 4 (NEMA)<br>Non-polar 2 core, twisted pair solid core shielded | LonWorks compatible cable |



CONTROL SYSTEM

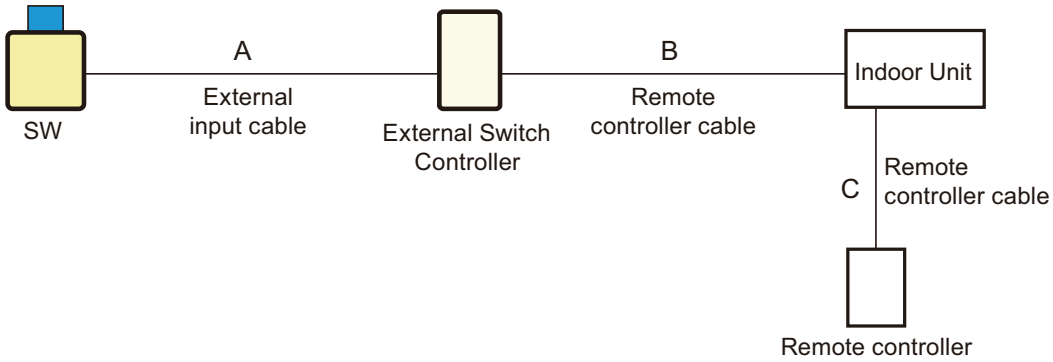
# 3-12. External Switch Controller (UTY-TERX)

- Switching of air conditioner settings can be performed using an External Switch Controller and a third-party device.
- On/Off, temperature, fan speed, operating mode, and remote controller prohibition mode can be switched using external device, such as a room card-key.
- Card-key or other sensor switches are available as a locally purchased parts.

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 4 | For securing controller cable |
| Screw (M4 × 16 mm) | 3 | For installing the External Switch Controller |
| Installation manual | 1 | |

## ■ System diagram

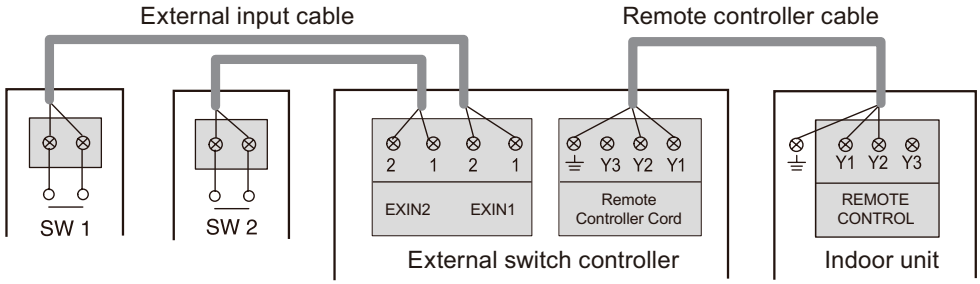



| Use | A | B | B + C |
|---|---|---|---|
| 2-wire type | 50 m or less | — | 500 m or less |
| 3-wire type | 50 m or less | 25 m or less | 500 m or less |

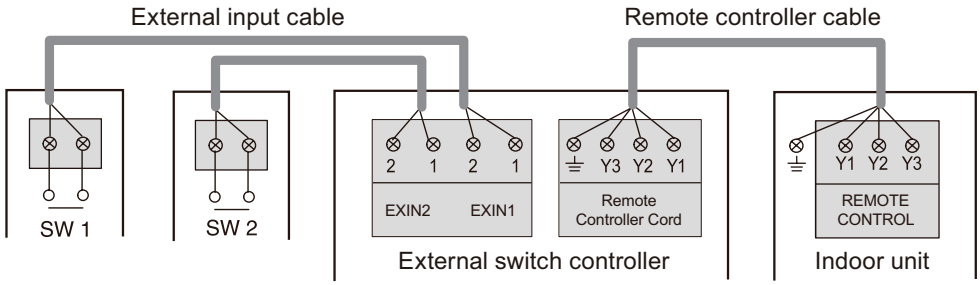

CONTROL SYSTEM

# ■ Electrical wiring

- **For non-polar 2 wire**



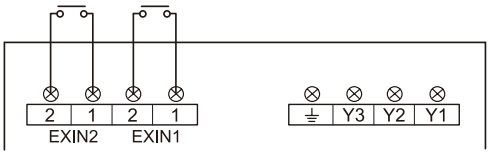

- **For polar 3 wire**






CONTROL SYSTEM

- **Connection to external contacts**




External switch controller

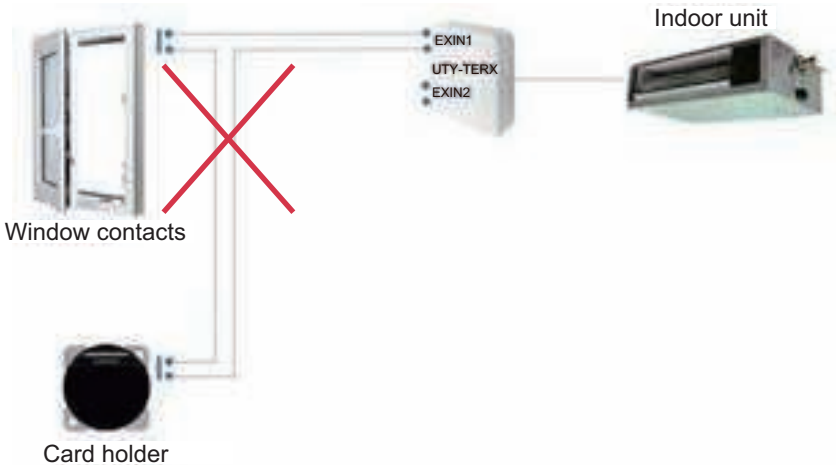
- Select low current use contacts (usable at DC 5 V, 2 mA or less).
- Short circuit detection resistance (R on): ≤ 500 Ω
- Open circuit detection resistance (R off): ≥ 100 kΩ
- A twister pair cable 0.33 to 1.25 $mm^2$ (22 to 16 AWG) should be used.
- Maximum cable length: 50 m

**⚠ CAUTION**

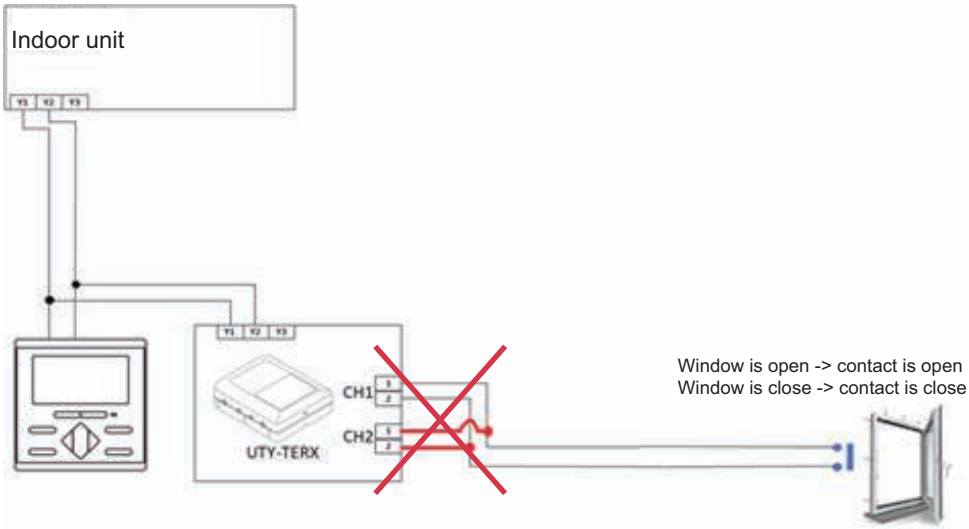
When using setback function and remote controller prohibition setting is used, leave more than 5 seconds between sensor switchings such as opening and closing the window. Otherwise, the operation signal cannot be received properly, and the control from your remote controller will not work. In such case, canceling of the setting by using Service tool is required.

**Prohibited connection example**

– Example 1
Series connection of window contacts and card holder is prohibited.




– Example 2
Parallel connection of CH1 and CH2 is prohibited.

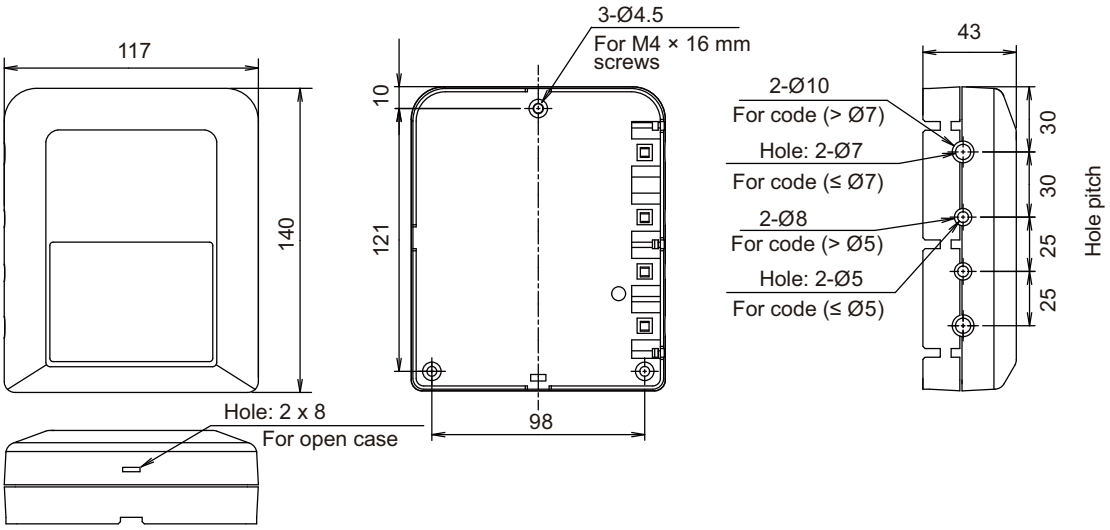




CONTROL SYSTEM

# ■ Dimensions

Unit: mm



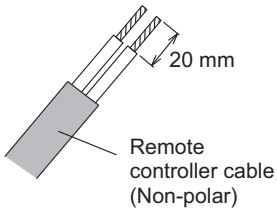



CONTROL SYSTEM

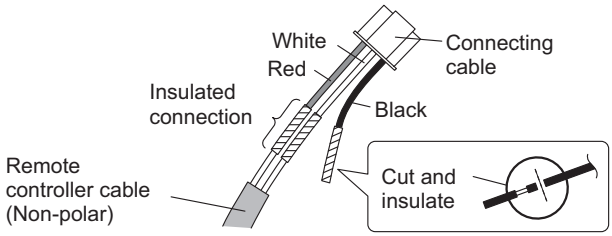
# ■ Installation

- **When connecting to the connector**
  - **For non-polar 2 wire**

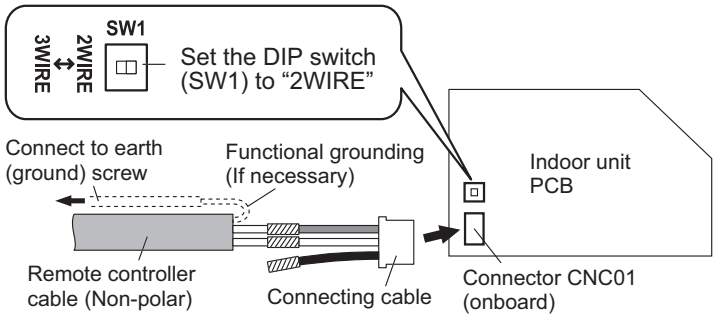
1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



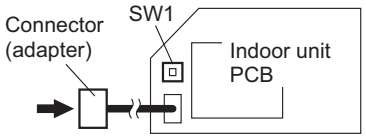

2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.




**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.

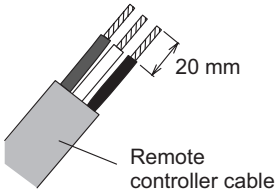




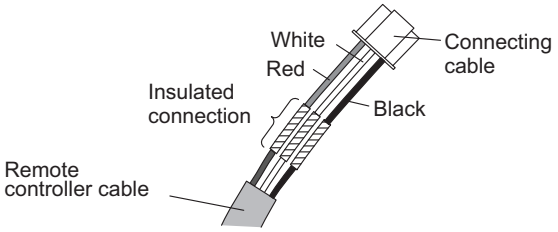
CONTROL SYSTEM

– **For polar 3 wire**

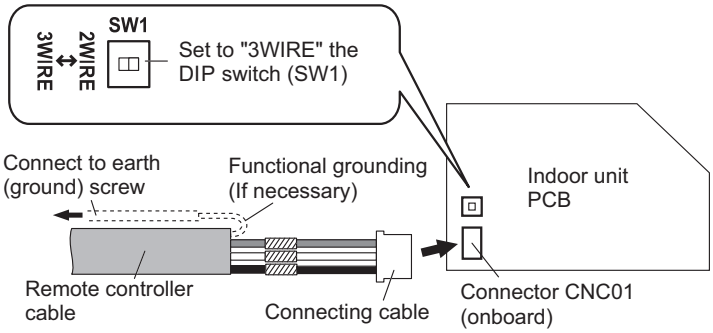
1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



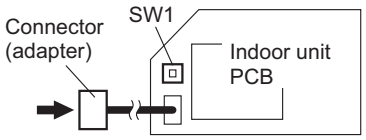

2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “3WIRE” on the PCB of the indoor unit.



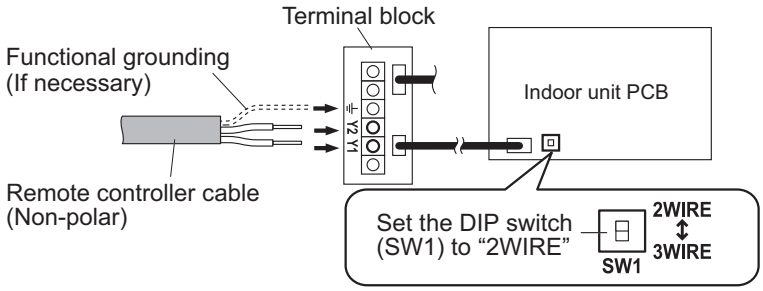

**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.





CONTROL SYSTEM

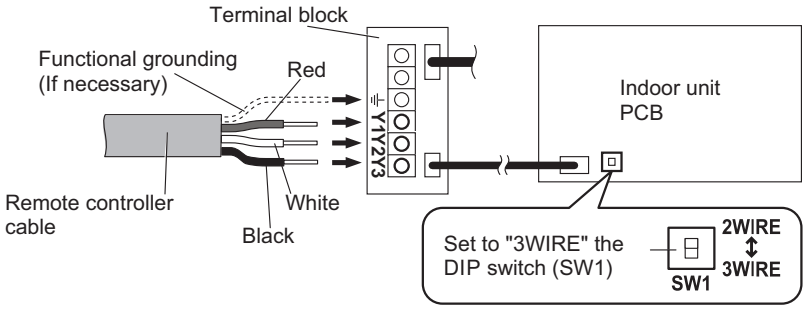
- **When connecting to the exclusive terminal block**
  - **For non-polar 2 wire**
    1. Connect the end of remote controller cable directly to the exclusive terminal block.
    2. Set the DIP switch (SW1) to “2WIRE” on the PCB of the indoor unit.




**NOTES:**

- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

  - **For polar 3 wire**
    1. Connect the end of remote controller cable directly to the exclusive terminal block.
    2. Set the DIP switch (SW1) to “3WIRE” on the PCB of the indoor unit.




**NOTES:**

- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.


CONTROL SYSTEM

# ■ Specifications

| | | | |
|---|---|---|---|
| Input power | | W | 0.6 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 43 × 117 × 140 |
| Weight | | g | 250 |

## ● Wiring specifications

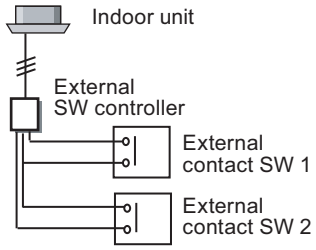
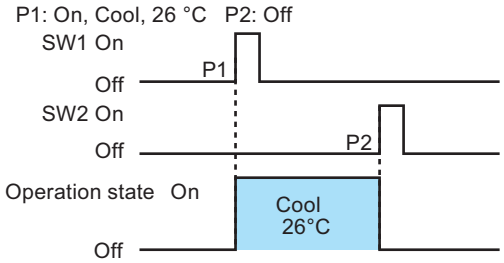
| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable (2-wire type) | 0.33 to 1.25 $mm^2$ (22 to 16 AWG) | Sheathed PVC cable* | Non-polar 2 core, twisted pair<br>Maximum cable length: 500 m |
| Remote controller cable (3-wire type) | 0.33 $mm^2$ (22 AWG) | | Polar 3 core, twisted pair<br>Maximum cable length: 25 m |
| External input cable | 0.33 to 1.25 $mm^2$ (22 to 16 AWG) | | 2 core, twisted pair<br>Maximum cable length: 50 m |

*: Use sheathed cable in accordance with local rules for remote controller cable.

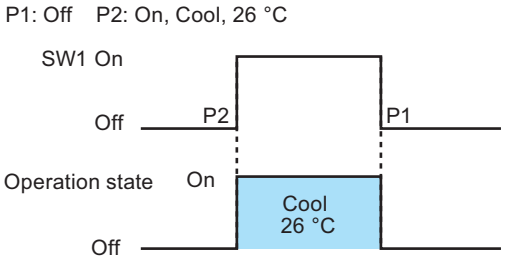
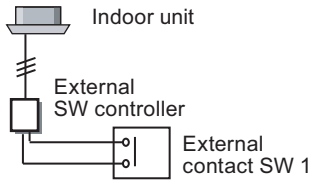
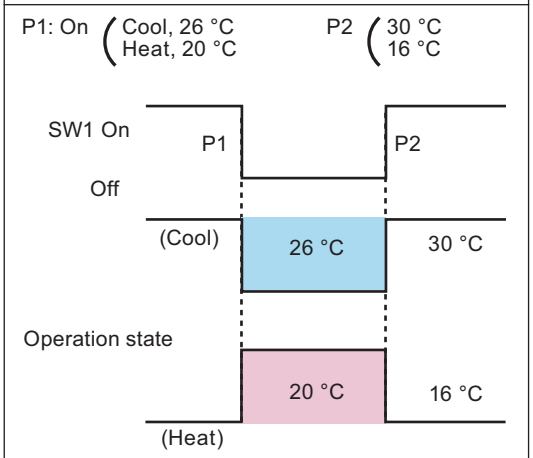
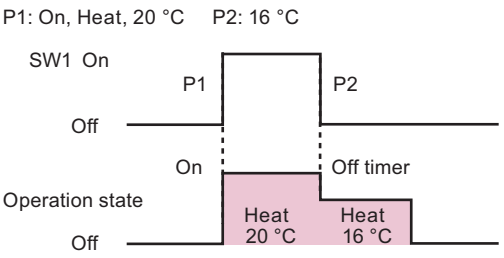

CONTROL SYSTEM

# ■ Example

- **Controlling the individual operation status with two external contact switch**

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 0<br>P1: Arbitrary operation state<br>Contact Off → On<br>P2: Arbitrary operation state<br>Contact Off → On<br><br>Other settings are arbitrary. |  |  |

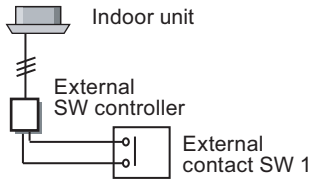
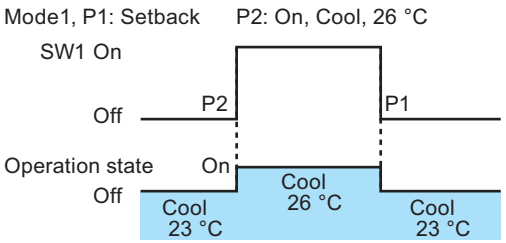
- **Controlling operation by On or Off of an external contact switch**

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 1<br>P1: Arbitrary operation state<br>P2: Arbitrary operation state<br><br>Other settings are arbitrary. | |  |
| Mode 1<br>P1: Arbitrary operation state<br>P2: Arbitrary operation state<br><br>Other settings are arbitrary. |  |  |
| Mode 1<br>P1: Arbitrary operation state<br>P2: Off timer<br>(1, 3, 6, 12, 24 hr)<br><br>Other settings are arbitrary. | |  |

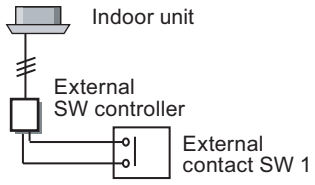
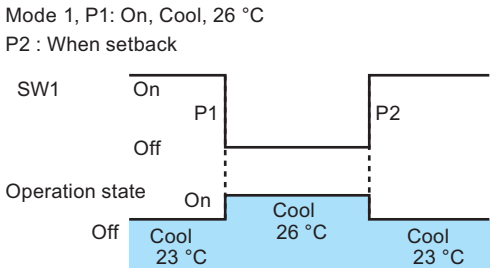
CONTROL SYSTEM

CONTROL SYSTEM

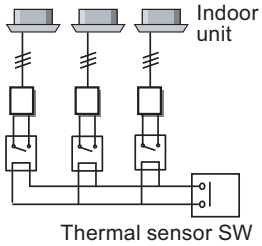
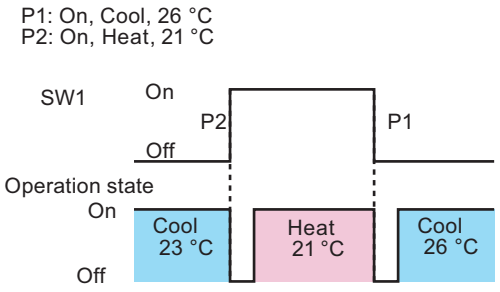
- **Operates when the external contact switch is turned on, and returns to the original operation state when the switch is turned off.**

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 1 or 0<br>P1: Setback<br>P2: Arbitrary operation state<br><br>Other settings are arbitrary. |  |  |

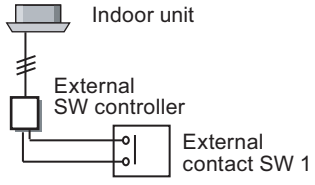
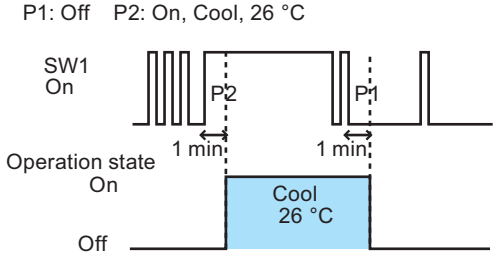
- **Operates when the external contact switch is turned off, and returns to the original operation state when the switch is turned on.**

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 1 or 0<br>P1: Arbitrary operation state<br>P2: Setback<br><br>Other settings are arbitrary. |  |  |

- **Thermal sensor switch is connected and cooling and heating operations are switched**.

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 1<br>Off output: Enabled<br>P1: On, Cool or Heat<br>P2: On, Cool or Heat<br>Operation conditions: Unit operating only<br><br>Other settings are arbitrary. |  <br>External Switch Controller is connected to all indoor units in the same refrigerant system and cooling and heating operations are switched by one thermal sensor. |  |

- **Preventing chatter noise within 1 minute after external contact switch is turned on**

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 1<br>Delay-time setting: Delay<br>P1: Arbitrary operation state<br>P2: Arbitrary operation state<br><br>Other settings are arbitrary. |  |  |



CONTROL SYSTEM

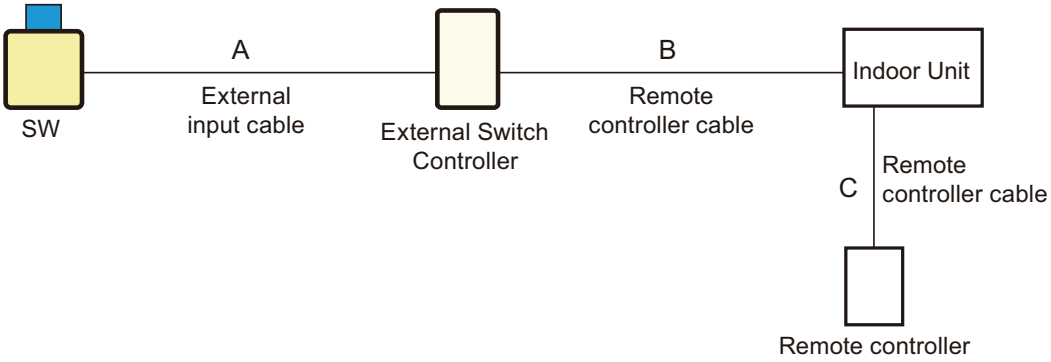
# 3-13. External Switch Controller (UTY-TEKX)

- Air conditioner switching can be controlled by connecting other sensor switches.
- On/Off, temperature, fan speed, operating mode can be switched in combination with card-key switches equipped in facilities such as hotel rooms.
- Card-key or other sensor switches are available as a locally purchased parts.

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| Cable tie | 5 | For External Switch Controller and cable binding |
| Screw (M4 × 16 mm) | 2 | For installing the External Switch Controller |
| Installation manual | 1 | |

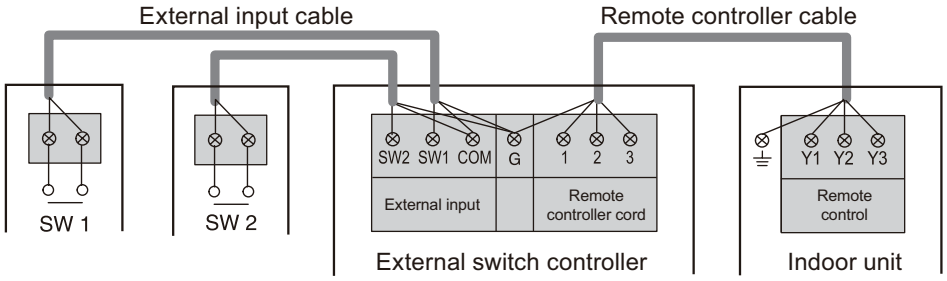
## ■ System diagram




| A | B | B + C |
|---|---|---|
| 50 m or less | 25 m or less | 500 m or less |

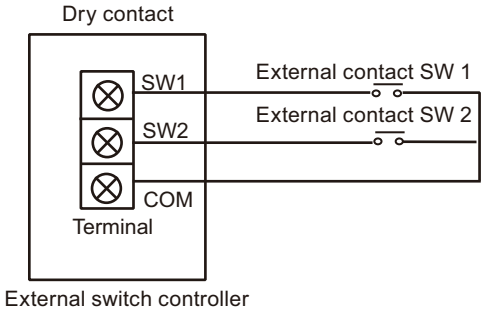

CONTROL SYSTEM

# ■ Electrical wiring




*Connect SW2 only when it is used.

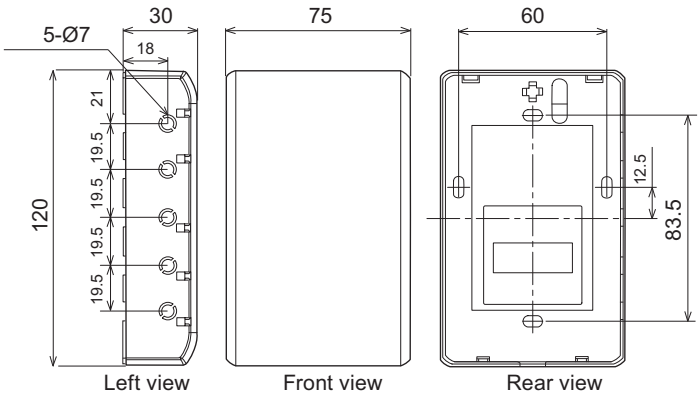
### Connection to external contacts




- Open circuit voltage: 12 V ± 2 V
- Short circuit current: ≤ 2 mA
- Short circuit detection resistance (R on): ≤ 1 kΩ
- Open circuit detection resistance (R off): ≥ 50 kΩ

# ■ Dimensions

Unit: mm





CONTROL SYSTEM

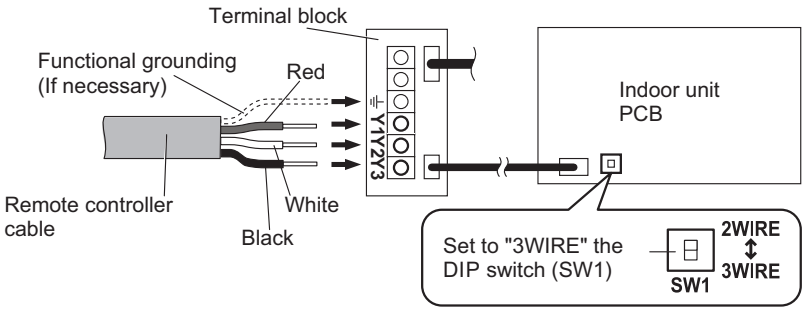
# ■ Installation

- **Connection pattern**

**NOTE:** Connection pattern is different according to type of Indoor unit.

| Indoor unit type | Connection pattern |
|---|---|
| All cassette type | Pattern A |
| All duct type | Pattern A |
| All floor type | Pattern A |
| Floor/Ceiling type | Pattern A |
| All ceiling type | Pattern A |
| All wall mounted type | Pattern B |

- **Pattern A**
  1. Connect the end of remote controller cable directly to the exclusive terminal block.
  2. Set the DIP switch (SW1) to “3WIRE” on the PCB of the indoor unit.

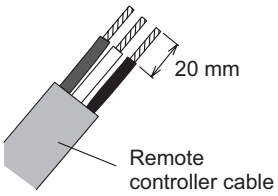



**NOTES:**
- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

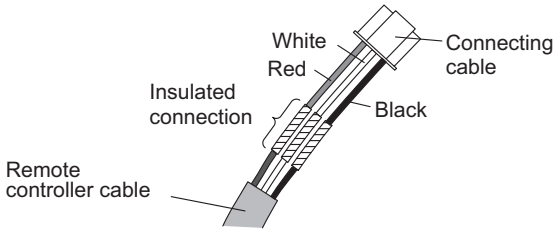

CONTROL SYSTEM

- **Pattern B**

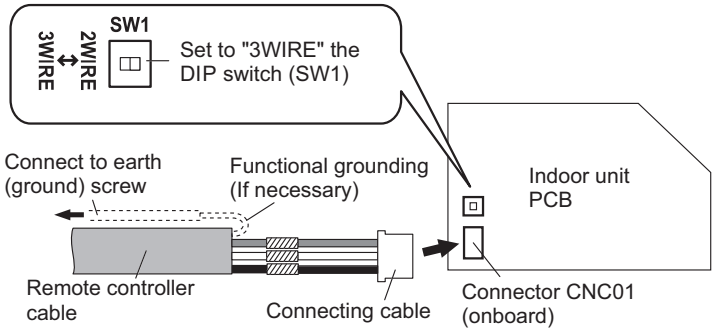
1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



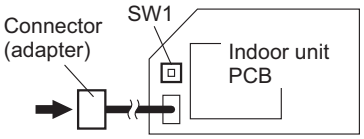

2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.




3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to “3WIRE” on the PCB of the indoor unit.




**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.





CONTROL SYSTEM

# ■ Specifications

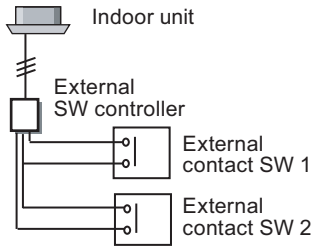
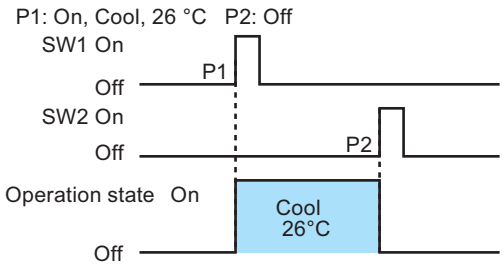
| | | |
|---|---|---|
| Power supply | V | DC 12 |
| Dimensions (H × W × D) | mm | 120 × 75 × 30 |
| Weight | g | 100 |

## ● Wiring specifications

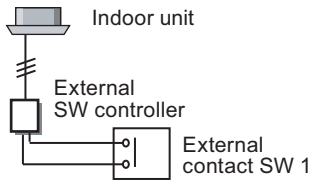
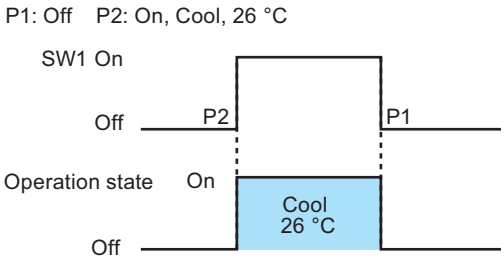
| Use | Cable size | Wire type | Remarks |
|---|---|---|---|
| Remote controller cable | 0.33 $mm^2$ (22 AWG) | Polar 3 core | Use PVC sheathed cable or shielded cable in accordance with the regional cable standard |
| External input cable | | Polar 2 core, twisted pair | Use shielded cable in accordance with the regional cable standard |

# ■ Example

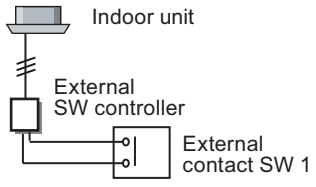
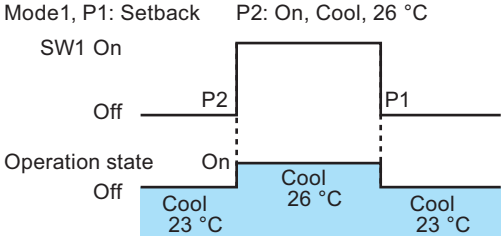
- **Controlling the individual operation status with two external contact switch**

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 0<br>P1: Arbitrary operation state<br>Contact Off → On<br>P2: Arbitrary operation state<br>Contact Off → On<br><br>Other settings are arbitrary. |  |  |

- **Controlling operation by On or Off of an external contact switch**

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 1<br>P1: Arbitrary operation state<br>P2: Arbitrary operation state<br><br>Other settings are arbitrary. |  |  |

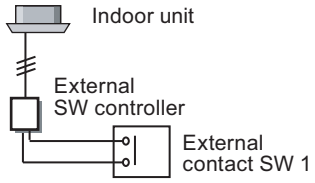
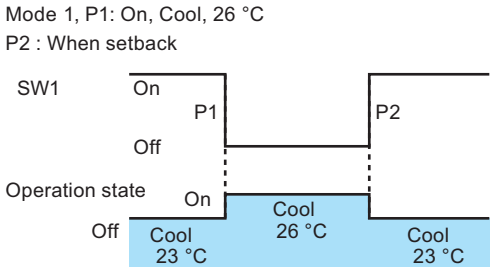
- **Operates when the external contact switch is turned on, and returns to the original operation state when the switch is turned off.**

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 1 or 0<br>P1: Setback<br>P2: Arbitrary operation state<br><br>Other settings are arbitrary. |  |  |

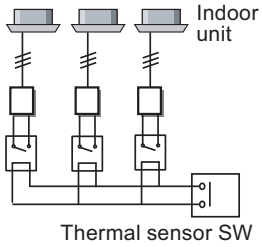
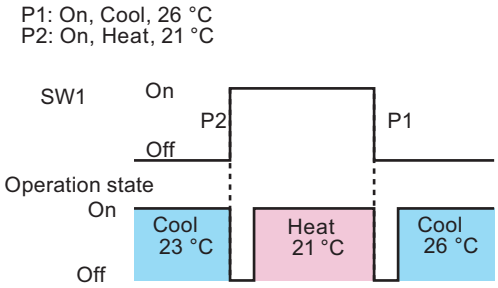


CONTROL SYSTEM

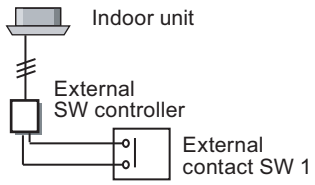
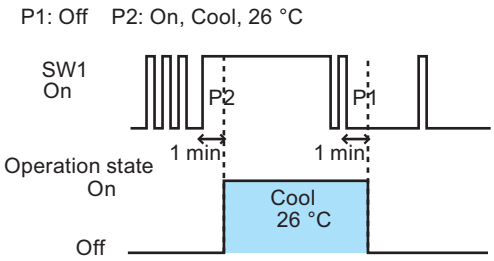
- **Operates when the external contact switch is turned off, and returns to the original operation state when the switch is turned on.**

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 1 or 0<br>P1: Arbitrary operation state<br>P2: Setback<br><br>Other settings are arbitrary. |  |  |

- **Thermal sensor switch is connected and cooling and heating operations are switched**.

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 1<br>Off output: Enabled<br>P1: On, Cool or Heat<br>P2: On, Cool or Heat<br>Operation conditions: Unit operating only<br><br>Other settings are arbitrary. |  <br>External Switch Controller is connected to all indoor units in the same refrigerant system and cooling and heating operations are switched by one thermal sensor. |  |

- **Preventing chatter noise within 1 minute after external contact switch is turned on**

| Setting | Wiring | Operation example |
|---|---|---|
| Mode 1<br>Delay-time setting: Delay<br>P1: Arbitrary operation state<br>P2: Arbitrary operation state<br><br>Other settings are arbitrary. |  |  |



CONTROL SYSTEM

# 4. Service and web monitoring tool

## 4-1. Service Tool (UTY-ASGXZ1)

Extensive monitoring and analysis functions for installation and maintenance.
Operation status and error history can be grasped promptly and adequately.

### ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| WHITE-USB-KEY (software protection key with software) | 1 | Includes the software and manuals for Service Tool. Additionally, it works as the software protection key. Software protection key to be connected to an USB port on the PC that Service Tool is installed. Service Tool runs only on a PC with this WHITE-USB-KEY. |

### ■ Other required devices (Locally purchased)

- Personal computer that satisfies the following system requirements
  - For VRF system side PC

| Personal computer system requirement | |
|---|---|
| Operating system | • Microsoft Windows 10 Pro (64-bit)<br>• Microsoft Windows 11 Pro (64-bit) |
| CPU | Intel® Core™ processor 1 GHz or higher |
| Memory | 4 GB or more |
| HDD | 40 GB or more of free space |
| Display | 1,366 × 768 or higher resolution |
| Interface | • 2 USB ports<br>– 1 USB port is required for WHITE-USB-KEY connection<br>– 1 USB port is required for Echelon U10 USB/U60-FT DIN Network Interface |
| Software | Adobe Reader 9.0 or later |
| Internet transmission rate (in remote access) | Internet environment capable for communication speed of 3 Mbps or more (for uploading) all the time (including when accessing to oversea website) |

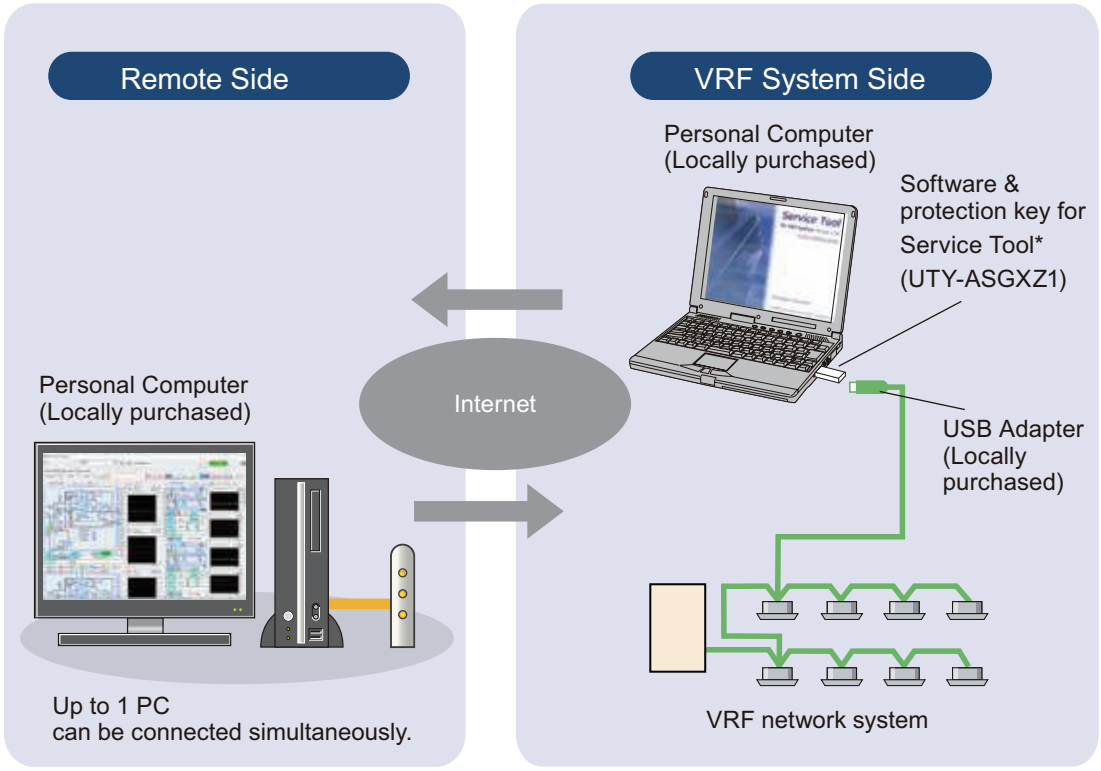
  - For remote side PC

| Personal computer system requirement | |
|---|---|
| CPU | Intel® Core™ processor 1 GHz or higher |
| Web browser | Microsoft Edge |
| Display | 1,366 × 768 or higher resolution<br>(Before use, set the resolution so that the resolution of remote side PC monitor screen is higher than that of VRF system side PC.) |
| Internet transmission rate (in remote access) | Internet environment capable for communication speed of 4 Mbps or more (for downloading) all the time (including when accessing to oversea website) |

- Transmission adapter (Required for each VRF network):
  - Echelon U10 USB Network Interface – TP/FT-10 Channel (Model number: 75010R)
  - Echelon U60-FT DIN Network Interface (Model number: 75060R-40)

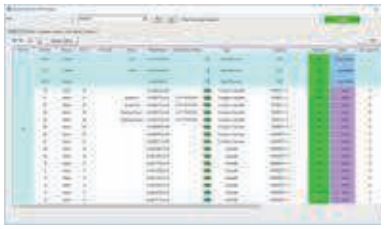

CONTROL SYSTEM

## ■ System diagram

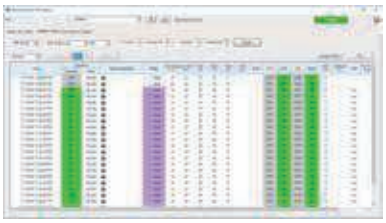
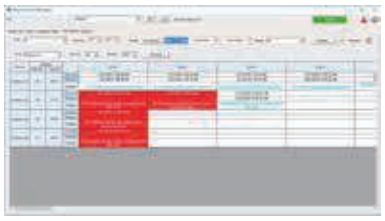
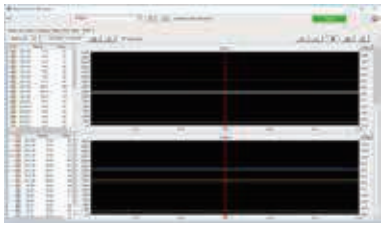
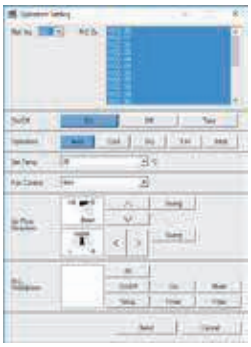
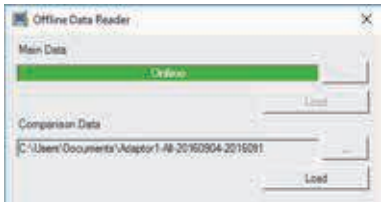



*: WibuKey of UTY-ASGX can be used.

## ■ Functions

| Function | Summary | |
|---|---|---|
| System list | Displays the overall operation status of all or specified units in the system in a list form. |  |
| Equipment detail (Diagram) | Displays the detail information for sensor values, electrical components etc. for the specified units in schematic. The information here can be used along with the detailed information in list form, to check the operation status of units and make detail analysis on the cause, in case an error occurs. | |
| Equipment detail (Status list) | Displays the detail information for sensor values, electrical components etc. of units in a specified refrigerant system in list form. The information here can be used along with the detailed information in diagram form, to check the operation status of units and make detail analysis on the cause, in case an error occurs. | |
| Equipment detail (Check list) | Judges the sensor valves of outdoor units and indoor units are appropriate, and displays the result. By saving the result as a CSV file, it can be outputted with a report format. | |


CONTROL SYSTEM

| Function | Summary |
|---|---|
| Operation history | The indoor units or outdoor units operation history can be recorded. The displayed operation history can be printed out and saved to a CSV file.  |
| Error history | Displays the error information for each unit. The error information can sequentially be displayed up to 50 items as they occur starting with the latest error.  |
| Graph | Displays the sensor valves of outdoor units and indoor units in more detail and more easier to see. Sensor information that the user want to check can be selected freely, and combined information can be displayed. Up to 6 graph screens can be displayed simultaneously.  |
| Data backup | Operation and error history data can be downloaded. Only the required data may be downloaded specifying the refrigerant system, unit, and time range. |
| Operation setting | Changeable the operation status of the indoor unit individually or by group.  |
| Network topology analyzer | A list of units connected to the VRF system network is displayed in network segments in tree form. |
| Remote setting | Function (Field) setting for indoor units is realized remotely. |
| System time setting | An arbitrary time is set for all the remote controllers within the system. |
| Central control forced release | The operation setting restriction function of the indoor units set form the controller can be forcibly released. (remote controller inhibit, temperature upper/lower limit setting) |
| Model name writer | An arbitrary model name can be written to the target unit. |
| Error memory reader | When an error occurs at an outdoor unit, the operation data records before the error are acquired over a network, and saved to a CSV file.<br>**NOTE:** To perform “Error memory reading”, Service Tool and the corresponding outdoor unit must be connected directly with each other. Refer to the operation manual of the Service Tool for details. |
| Time guard information | Reference data for judging the maintenance period of indoor and outdoor units (compressor, fan, etc. integrated time) is output to a CSV file. |
| Off line data reader | Displays and compares the current data and the backup data saved in the past on dual screen.   |

CONTROL SYSTEM

CONTROL SYSTEM

| Function | Summary |
|---|---|
| Version | Confirm the current version of the software, and it is not the latest, it can be updated to the latest version. |
| Remote operation | Through the Internet, Service Tool in the PC on VRF system side can be operable in real-time from remote side PC. Chat-enabled, and the acquired data by the Service Tool can be downloaded by remote side PC. |


CONTROL SYSTEM

# 4-2. Web Monitoring Tool (UTY-AMGXZ1)

## ■ Accessory

| Name and shape | Q'ty | Application |
|---|---|---|
| <br>WHITE-USB-KEY<br>(software protection key with software) | 1 | Includes the software and manuals for Web Monitoring Tool. Additionally, it works as the software protection key.<br>Software protection key to be connected to an USB port on the PC that Web Monitoring Tool is installed. Web Monitoring Tool runs only on a PC with this WHITE-USB-KEY. |

## ■ Other required devices (Locally purchased)

- Personal computer that satisfies the following system requirements
  - For VRF system side PC

| Personal computer system requirement | |
|---|---|
| Operating system | • Microsoft Windows 10 Pro (64-bit)<br>• Microsoft Windows 11 Pro (64-bit) |
| CPU | Intel® Core™ processor 1 GHz or higher |
| Memory | 4 GB or more |
| HDD | 40 GB or more of free space |
| Display | 1,366 × 768 or higher resolution |
| Interface | • USB port (for Echelon U10 USB/U60-FT DIN Network Interface, Max. 4, software protection key)<br>• Either of the following interface is required for remote connection:<br>– Internet using LAN: Ethernet port is required. |
| Software | Adobe Reader 9.0 or later |
| Internet transmission rate (in remote access) | Internet environment capable for communication speed of 3 Mbps or more (for uploading) all the time (including when accessing to oversea website) |

  - For remote side PC

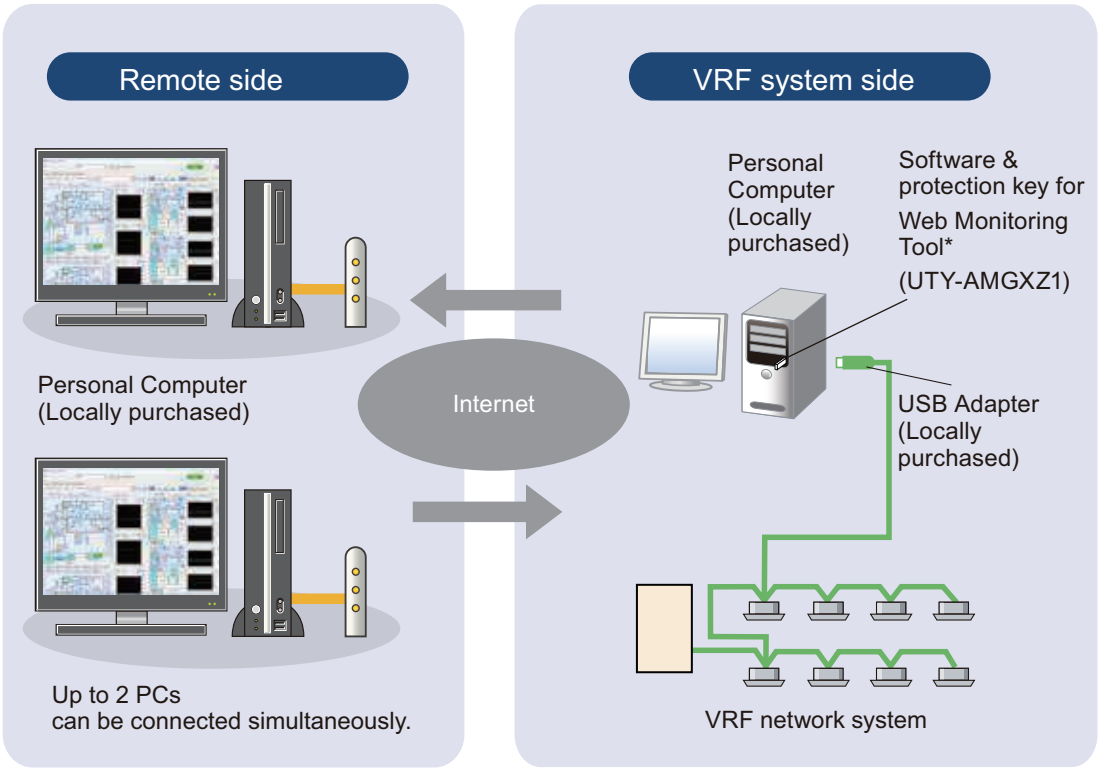
| Personal computer system requirement | |
|---|---|
| CPU | Intel® Core™ processor 1 GHz or higher |
| Web browser | Microsoft Edge |
| Display | 1,366 × 768 or higher resolution<br>(Before use, set the resolution so that the resolution of remote side PC monitor screen is higher than that of VRF system side PC.) |
| Internet transmission rate (in remote access) | Internet environment capable for communication speed of 4 Mbps or more (for downloading) all the time (including when accessing to oversea website) |

- Transmission adapter (Required for each VRF network):
  - Echelon U10 USB Network Interface – TP/FT-10 Channel (Model number: 75010R)
  - Echelon U60-FT DIN Network Interface (Model number: 75060R-40)


CONTROL SYSTEM

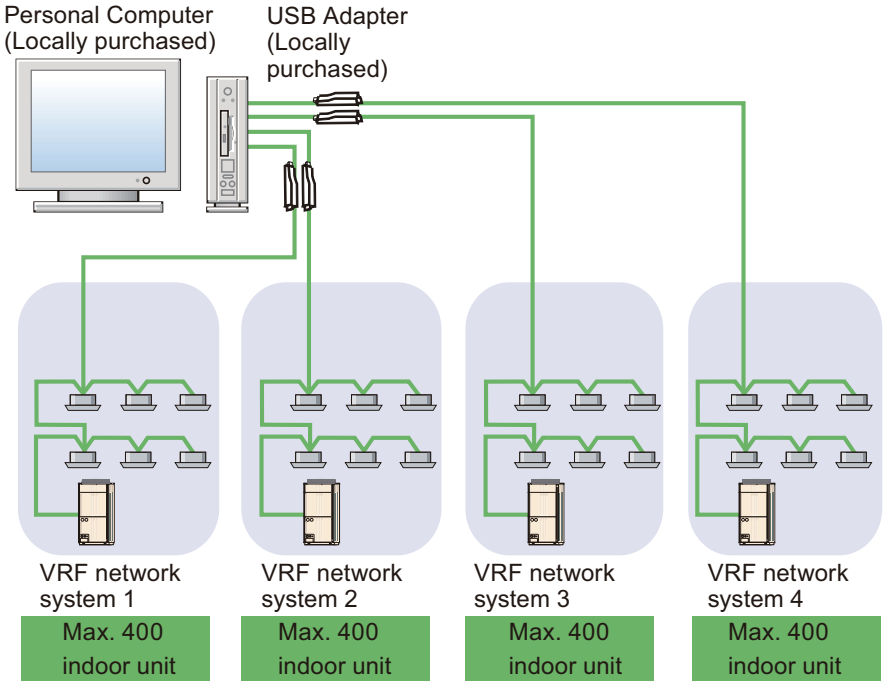
# ■ System diagram

- **System components**




*WibuKey of UTY-AMGX can be used.

- **Support 4 VRF network systems**
  PC USB adapters (Max. 4 ports per PC) permit control and monitoring of up to 1,600 units.
  Suitable for large-scale buildings or hotels.





CONTROL SYSTEM

# ■ Comparison table

| Function | Service tool (UTY-ASGXZ1) | | Web monitoring tool (UTY-AMGXZ1) | |
|---|---|---|---|---|
| | VRF system side | Remote side | VRF system side | Remote side |
| System list | ● | ● | ● | ● |
| Equipment detail (Diagram) | ● | ● | ● | ● |
| Equipment detail (Status list) | ● | ● | ● | ● |
| Equipment detail (Check list) | ● | ● | ● | ● |
| Operation history | ● | ● | ● | ● |
| Error history | ● | ● | ● | ● |
| Graph | ● | ● | ● | ● |
| Data backup | ● | ● | ● | ● |
| Operation setting | ● | ● | ● | ● |
| E-mail automatic transmission of system malfunction | — | — | ●* | — |
| Network topology analyzer | ● | ● | ● | ● |
| Remote setting | ● | ● | ● | ● |
| System time setting | ● | ● | ● | ● |
| Central control forced release | ● | ● | ● | ● |
| Model name writer | ● | ● | — | — |
| Error memory reader | ● | ● | — | — |
| Time guard information | ● | ● | ● | ● |
| Off line data reader | ● | ● | — | — |
| Version | ● | ● | ● | ● |
| Software update | ● | — | ● | — |

*: Available only during connection to the Internet


CONTROL SYSTEM

Refrigerant R410A
INVERTER

AIRSTAGE

# 6. SYSTEM DESIGN

2025.06.13
DV_CH06_CM0001EF_08

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# 6. SYSTEM DESIGN


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# 1. System design

## 1-1. Refrigerant system

### ■ Connectable unit within 1 refrigerant system

| Unit | Quantity | Remarks |
|---|---|---|
| Outdoor unit | 1 to 3 units | As for quantity for each combination, refer to "Table 1" on page 06-2 and "Table 2" on page 06-2. |
| Indoor unit | 2 to 64 units | |
| RB Unit | 2 to 64 units* | |

*: Multi type of RB Unit is counted as follows.
- UTP-RX04BH: 4 per set
- UTP-RX08AH: 8 per set
- UTP-RX12AH: 12 per set

- **Conditions for cooling capacity of connectable indoor unit**

| Connected indoor units | | Condition |
|---|---|---|
| **ARXP018GLFH** | **AUXA18-24GALH** | **Total cooling capacity of connectable indoor units** |
| — | — | Condition 1: 25*1 to 150% of outdoor unit cooling capacity |
| ● | ● | Condition 2: 25*1 to 135% of outdoor unit cooling capacity |

●: Connected, —: Not connected, ○: Not applicable

– *1: Indoor unit connection of 25% to 49.9% of outdoor unit cooling capacity is available only when the following refrigerant system.
  - Stand-alone type outdoor unit
  - When only 1 outdoor unit is in operation in the refrigerant system with combination type outdoor unit

**NOTE:** For non-operating outdoor unit(s), confirm that the 3-way valve is closed and the power is turned off.


SYSTEM DESIGN

## ⚠ CAUTION

- When all indoor units are operating at maximum capacity, individual indoor unit operates at a slightly lower capacity. (When connecting more than 100%)
- Based on the capacity table in "2. MODEL SELECTION", select the optimum combination of outdoor units.
- Do not exceed both of connectable cooling capacity range and maximum connectable indoor unit quantity, otherwise it may cause hinder the return of the refrigerant oil and cause a compressor breakdown.
- Minimum connectable indoor unit number is two.
- When indoor unit is installed without RB Unit for cooling only, make sure that sum total cooling capacity of the indoor unit is 50% or less of the all indoor units capacity.

- **Table 1 (Space saving combination)**

| HP | Cooling capacity (kW) | Outdoor unit quantity | Maximum connectable indoor unit quantity | Connectable cooling capacity range |
|---|---|---|---|---|
| 8 | 22.4 | 1 | 17 | Refer to "Conditions for cooling capacity of connectable indoor unit" on page 06-1 |
| 10 | 28.0 | 1 | 21 | |
| 12 | 33.5 | 1 | 26 | |
| 14 | 40.0 | 1 | 30 | |
| 16 | 45.0 | 1 | 34 | |
| 18 | 50.4 | 2 | 39 | |
| 20 | 56.0 | 2 | 43 | |
| 22 | 61.5 | 2 | 47 | |
| 24 | 67.0 | 2 | 52 | |
| 26 | 73.0 | 2 | 56 | |
| 28 | 78.5 | 2 | 60 | |
| 30 | 85.0 | 2 | 64 | |
| 32 | 90.0 | 2 | 64 | |
| 34 | 95.0 | 3 | 64 | |
| 36 | 100.5 | 3 | 64 | |
| 38 | 106.5 | 3 | 64 | |
| 40 | 112.0 | 3 | 64 | |
| 42 | 118.0 | 3 | 64 | |
| 44 | 123.5 | 3 | 64 | |
| 46 | 130.0 | 3 | 64 | |
| 48 | 135.0 | 3 | 64 | |

- **Table 2 (Energy efficiency combination)**

| HP | Cooling capacity (kW) | Outdoor unit quantity | Maximum connectable indoor unit quantity | Connectable cooling capacity range |
|---|---|---|---|---|
| 16 | 44.8 | 2 | 34 | Refer to "Conditions for cooling capacity of connectable indoor unit" on page 06-1 |
| 22 | 62.4 | 2 | 47 | |
| 24 | 67.2 | 3 | 52 | |
| 26 | 72.8 | 3 | 56 | |
| 28 | 78.4 | 3 | 60 | |
| 30 | 84.0 | 3 | 64 | |
| 32 | 90.4 | 3 | 64 | |
| 34 | 96.0 | 3 | 64 | |
| 36 | 102.4 | 3 | 64 | |
| 38 | 108.0 | 3 | 64 | |
| 40 | 113.0 | 3 | 64 | |
| 42 | 120.0 | 3 | 64 | |
| 44 | 125.0 | 3 | 64 | |


SYSTEM DESIGN

# ■ Connectable indoor unit within 1 RB Unit

**⚠ CAUTION**

When connecting multi type RB Unit, make sure following cautions.

- Ensure there are no more than 11 empty branches combined across all Multi-Port RB units across each refrigerant system. However, be sure to connect indoor unit about the furthest branch from outdoor unit side.
- 4-port RB Unit is connectable with the side opposite to piping connected the outdoor unit side, and maximum connectable number is two.
- In case of two 4-port RB Units connected in series (total 8 branches), maximum capacity of connectable indoor units is up to 56.0 kW.
- 4-port RB Unit must have connected at least 3 branches connected to an indoor unit of 1.1kW or higher.
- 8, 12-port RB Unit must have connected at least 1 branches to an indoor unit of 1.1kW or higher.
- Connecting indoor unit exceeding 8.0 kW, use 2 branches.
- Connecting indoor unit exceeding 18.0 kW, use 4 branches.

| RB Unit | | Maximum number of connectable indoor units per branch | Connectable cooling capacity range of indoor units |
|---|---|---|---|
| Single type | UTP-RX01AH | 7 | 8.0 kW or less |
| | UTP-RX01BH | 8 | 18.0 kW or less |
| | UTP-RX01CH | 8 | 28.0 kW or less |
| Multi type | UTP-RX04BH | 8 | 18.0 kW or less (for 1 branch) |
| | | | 56.0 kW or less (Sum total of 4 branches) |
| | UTP-RX08AH | 7 | 8.0 kW or less (for 1 branch) |
| | | | 72.0 kW or less (Sum total of 8 branches) |
| | UTP-RX12AH | 7 | 8.0 kW or less (for 1 branch) |
| | | | 95.0 kW or less (Sum total of 12 branches) |

**RELATED LINKS**

"RB Unit" on page 06-109



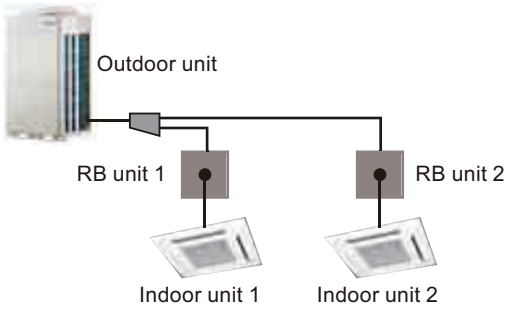
SYSTEM DESIGN

# ■ Refrigerant system examples

**NOTE:** For cooling capacity range of connectable indoor units, refer to "Refrigerant system" on page 06-1.

## ● RB Unit (single type)

- **Example 1 (OK)**

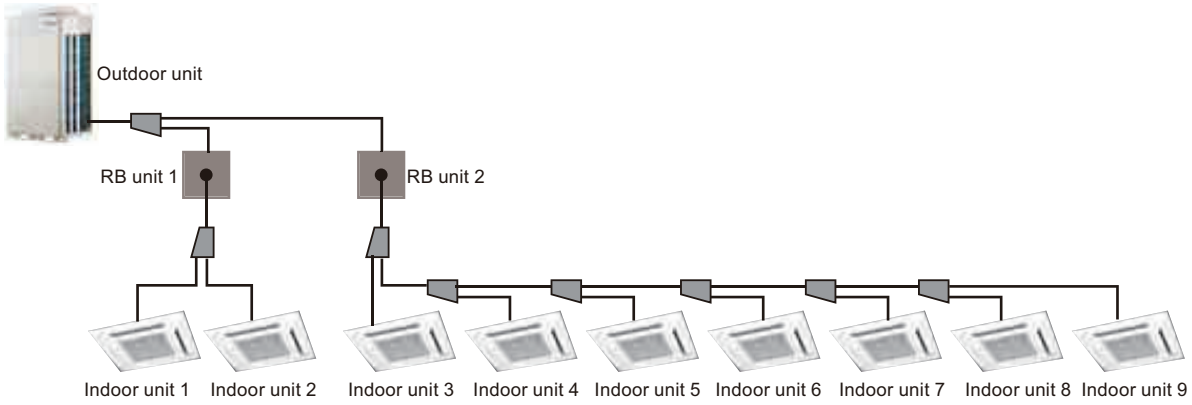



| Capacity ratio | 57% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 12.7 < 33.6 → OK |
| Indoor unit 1 | AUXB024GLEH | 7.1 | (1) 12.7 | | | |
| Indoor unit 2 | AUXB018GLEH | 5.6 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 7.1 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 7.1 < 8.0 → OK |
| RB Unit 2 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 8.0 → OK |


SYSTEM DESIGN

- **Example 2 (OK)**

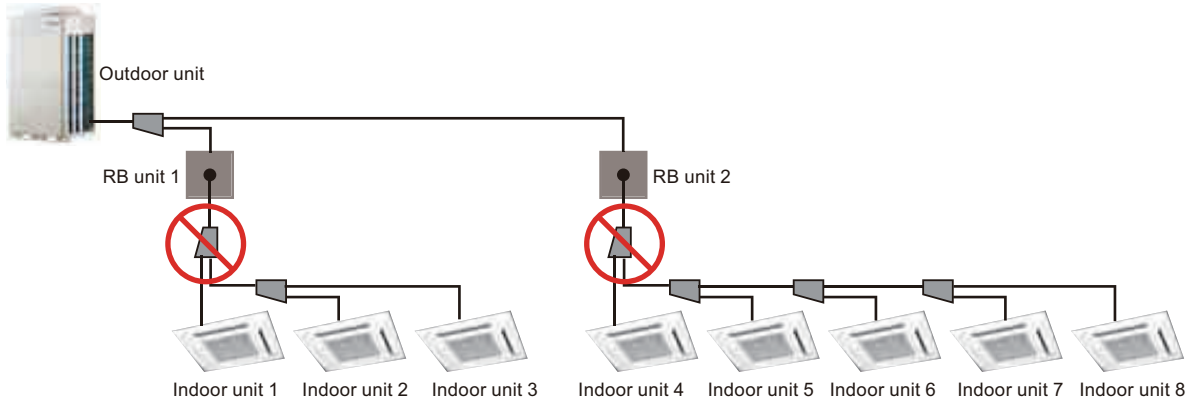



| Capacity ratio | 135% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 30.2 < 33.6 → OK |
| Indoor unit 1 | AUXB007GLEH | 2.2 | (1) 30.2 | | | |
| Indoor unit 2 | AUXB009GLEH | 2.8 | | | | |
| Indoor unit 3 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 4 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 5 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 6 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 7 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 8 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 9 | AUXB012GLEH | 3.6 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 5.0 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.0 < 8.0 → OK |
| RB Unit 2 | UTP-RX01CH | — | (1) 25.2 | (2) 1.1 | (3) 28.0 | (2) ≤ (1) ≤ (3) 1.1 < 25.2 < 28.0 → OK |


SYSTEM DESIGN

- **Example 3 (Prohibited)**

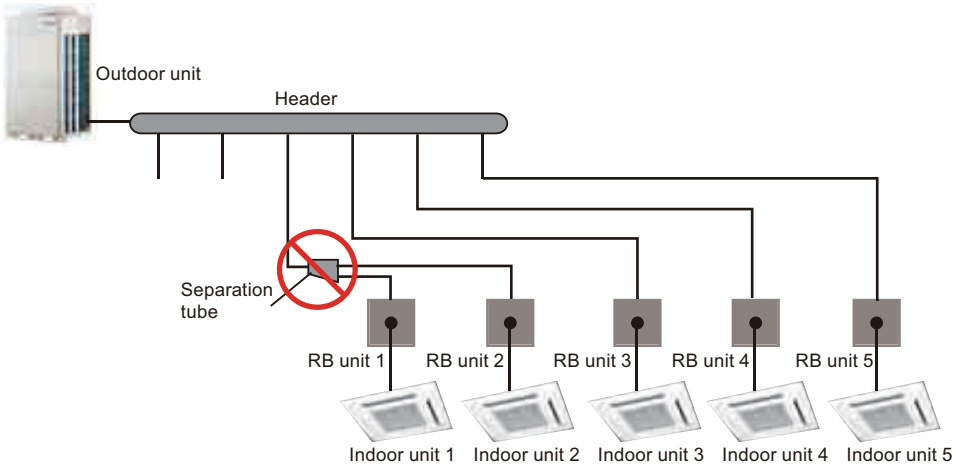



| Capacity ratio | 147% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗090GALDH | 28.0 | 28.0 | (2) 25% 7.0 | (3) 150% 42.0 | (2) ≤ (1) ≤ (3) 7.0 < 41.2 < 42.0 → OK |
| Indoor unit 1 | AUXB012GLEH | 3.6 | (1) 41.2 | | | |
| Indoor unit 2 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 5 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 6 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 7 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 8 | AUXB024GLEH | 7.1 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 11.7 | (2) 1.1 | (3) 8.0 | (3) < (1) 8.0 < 11.7 → **Prohibited** |
| RB Unit 2 | UTP-RX01CH | — | (1) 29.5 | (2) 1.1 | (3) 28.0 | (3) < (1) 28.0 < 29.5 → **Prohibited** |


SYSTEM DESIGN

- **Example 4 (Prohibited)**



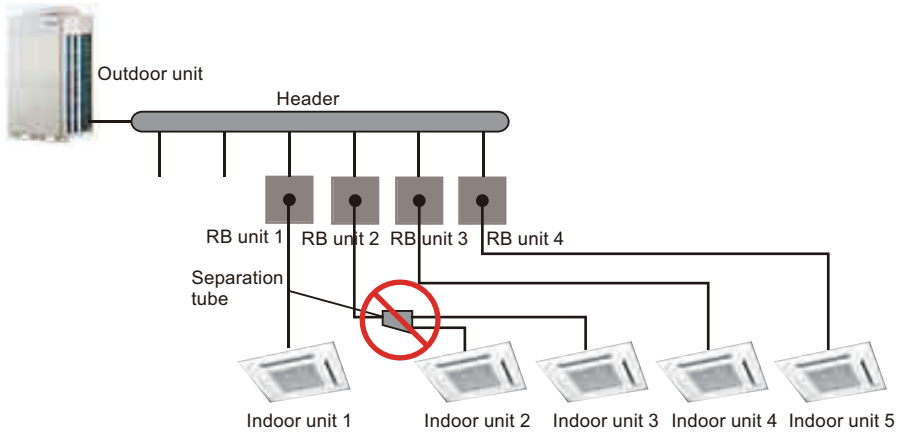

| Capacity ratio | 100% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗090GALDH | 28.0 | 28.0 | (2) 25% 7.0 | (3) 150% 42.0 | (2) ≤ (1) ≤ (3) 7.0 < 28.0 < 42.0 → OK |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 28.0 | | | |
| Indoor unit 2 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 3 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 4 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 5 | AUXB018GLEH | 5.6 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | **Prohibited** Because Separation Tube is installed in the downstream of Header. |
| RB Unit 2 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | |
| RB Unit 3 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 8.0 → OK |
| RB Unit 4 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 8.0 → OK |
| RB Unit 5 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 8.0 → OK |



SYSTEM DESIGN

- **Example 5 (Prohibited)**

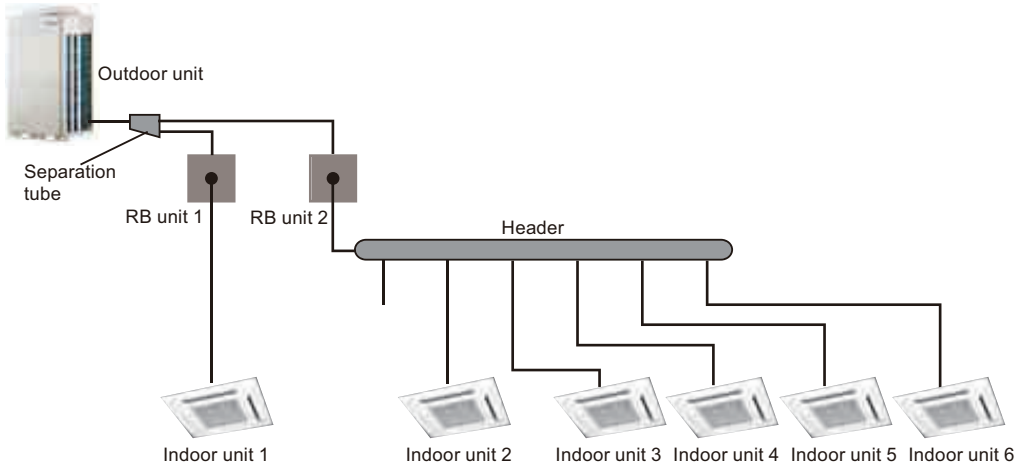



| Capacity ratio | 100% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗090GALDH | 28.0 | 28.0 | (2) 25% 7.0 | (3) 150% 42.0 | (2) ≤ (1) ≤ (3) 7.0 < 28.0 < 42.0 → OK |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 28.0 | | | |
| Indoor unit 2 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 3 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 4 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 5 | AUXB018GLEH | 5.6 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 8.0 → OK |
| RB Unit 2 | UTP-RX01BH | — | (1) 11.2 | (2) 1.1 | (3) 18.0 | **Prohibited** Because Separation Tube is installed in the downstream of Header. |
| RB Unit 3 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 8.0 → OK |
| RB Unit 4 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 8.0 → OK |


SYSTEM DESIGN

- **Example 6 (OK)**




| Capacity ratio | 100% |
|---|---|

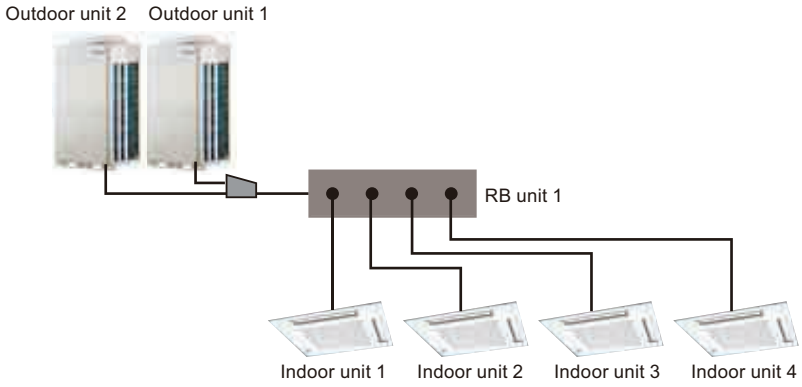
| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗090GALDH | 28.0 | 28.0 | (2) 25% 7.0 | (3) 150% 42.0 | (2) ≤ (1) ≤ (3) 7.0 < 28.1 < 42.0 → OK |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 28.1 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 5 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 6 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 8.0 → OK |
| RB Unit 2 | UTP-RX01CH | — | (1) 22.5 | (2) 1.1 | (3) 28.0 | (2) ≤ (1) ≤ (3) 1.1 < 22.5 < 28.0 → OK |


SYSTEM DESIGN

# ● RB Unit (multi type)

**NOTE:** Connectable number of indoor unit for multi type RB Unit is at least 3.

- **Example 1 (OK)**

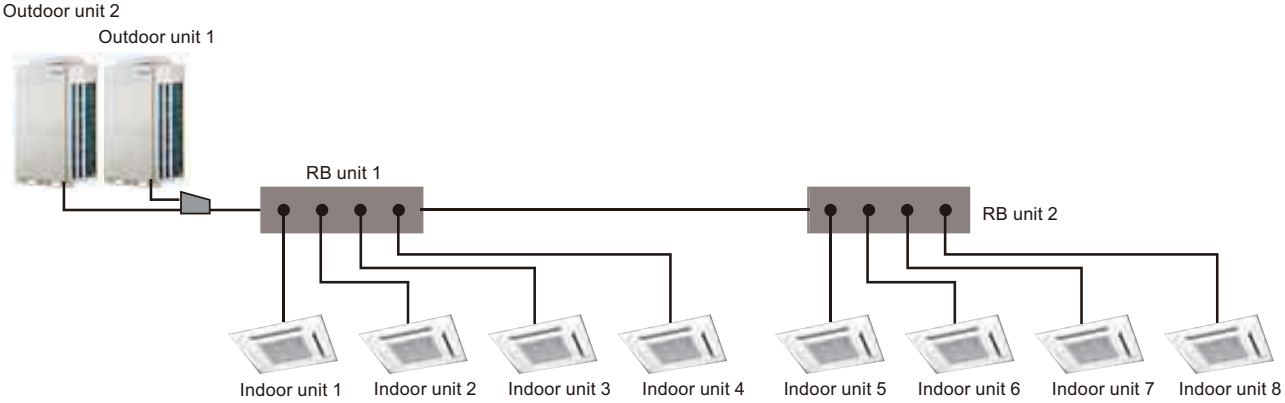



| Capacity ratio | 112% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit 1 | AJ∗072GALDH | 22.4 | 44.8 | (2) 25% 11.2 | (3) 150% 67.2 | (2) ≤ (1) ≤ (3) 11.2 < 50.0 < 67.2 → OK |
| Outdoor unit 2 | AJ∗072GALDH | 22.4 | | | | |
| Indoor unit 1 | AUXA45GALH | 12.5 | (1) 50.0 | | | |
| Indoor unit 2 | AUXA45GALH | 12.5 | | | | |
| Indoor unit 3 | AUXA45GALH | 12.5 | | | | |
| Indoor unit 4 | AUXA45GALH | 12.5 | | | | |
| RB Unit 1 | UTP-RX04BH | — | (1) 50.0 | (2) 3.3 | (3) 56.0 | (2) ≤ (1) ≤ (3) 3.3 < 50.0 < 56.0 → OK |
| | | | (1) 12.5 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 12.5 < 18.0 → OK |
| | | | (1) 12.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 12.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 12.5 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 2 (OK)**




| Capacity ratio | 100% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit 1 | AJ∗072GALDH | 22.4 | 44.8 | (2) 25%<br>11.2 | (3) 150%<br>67.2 | (2) ≤ (1) ≤ (3)<br>11.2 < 44.8 < 67.2 → OK |
| Outdoor unit 2 | AJ∗072GALDH | 22.4 | | | | |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 44.8 | | | |
| Indoor unit 2 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 3 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 4 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 5 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 6 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 7 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 8 | AUXB018GLEH | 5.6 | | | | |
| RB Unit 1 | UTP-RX04BH | — | (1) 44.8 | (2) 6.6 | (3) 56.0 | (2) ≤ (1) ≤ (3)<br>6.6 < 44.8 < 56.0 → OK |
| | | | (1) 5.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 5.6 < 18.0 → OK |
| | | | (1) 5.6 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 5.6 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 5.6 | (2) 1.1 | (3) 18.0 | |
| RB Unit 2 | UTP-RX04BH | — | (1) 5.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 5.6 < 18.0 → OK |
| | | | (1) 5.6 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 5.6 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 5.6 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

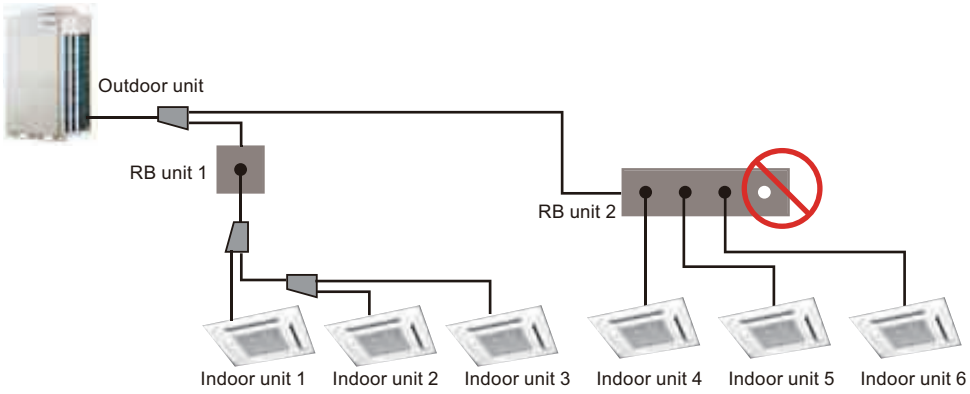
- **Example 3 (OK)**

| Capacity ratio | 100% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗090GALDH | 28.0 | 28.0 | (2) 25%<br>7.0 | (3) 150%<br>42.0 | (2) ≤ (1) ≤ (3)<br>7.0 < 27.9 < 42.0 → OK |
| Indoor unit 1 | AUXB014GLEH | 4.5 | (1) 27.9 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 5 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 6 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 7 | AUXB012GLEH | 3.6 | | | | |
| RB Unit 1 | UTP-RX04BH | — | (1) 27.9 | (2) 3.3 | (3) 56.0 | (2) ≤ (1) ≤ (3)<br>3.3 < 27.9 < 56.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 4.5 < 18.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 14.4 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 14.4 < 18.0 → OK |


SYSTEM DESIGN

- **Example 4 (Prohibited)**

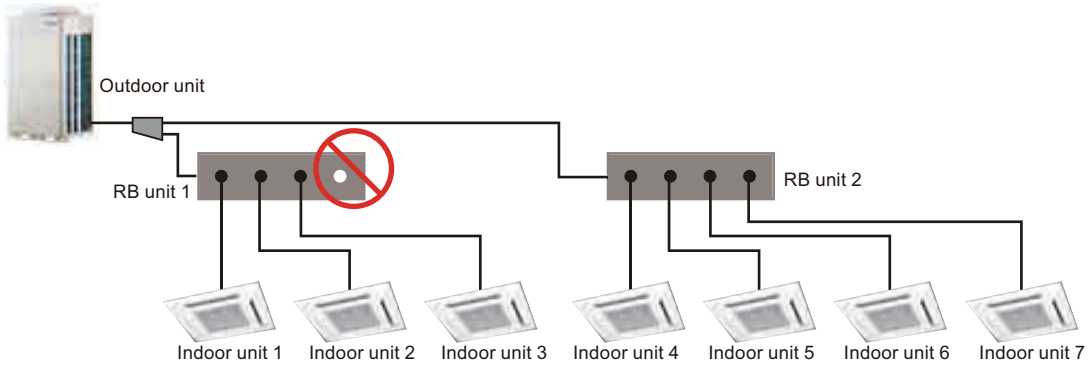



| Capacity ratio | 108% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 24.3 < 33.6 → OK |
| Indoor unit 1 | AUXB012GLEH | 3.6 | (1) 24.3 | | | |
| Indoor unit 2 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 3 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 5 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 6 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX01BH | — | (1) 10.8 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 10.8 < 18.0 → OK |
| RB Unit 2 | UTP-RX04BH | — | (1) 13.5 | (2) 3.3 | (3) 56.0 | **Prohibited** Because indoor unit is not connected to the furthest branch from outdoor unit side. |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 5 (Prohibited)**

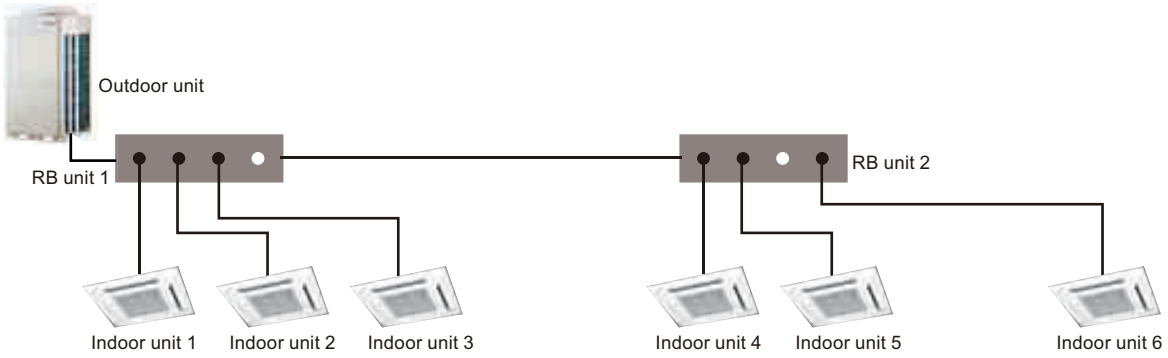



| Capacity ratio | 125% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 27.9 < 33.6 → OK |
| Indoor unit 1 | AUXB014GLEH | 4.5 | (1) 27.9 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 5 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 6 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 7 | AUXB012GLEH | 3.6 | | | | |
| RB Unit 1 | UTP-RX04BH | — | (1) 13.5 | (2) 3.3 | (3) 56.0 | **Prohibited** Because indoor unit is not connected to the furthest branch from outdoor unit side. |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| RB Unit 2 | UTP-RX04BH | — | (1) 14.4 | (2) 3.3 | (3) 56.0 | (2) ≤ (1) ≤ (3) 3.3 < 14.4 < 56.0 → OK |
| | | | (1) 3.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 3.6 < 18.0 → OK |
| | | | (1) 3.6 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 3.6 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 3.6 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 6 (OK)**

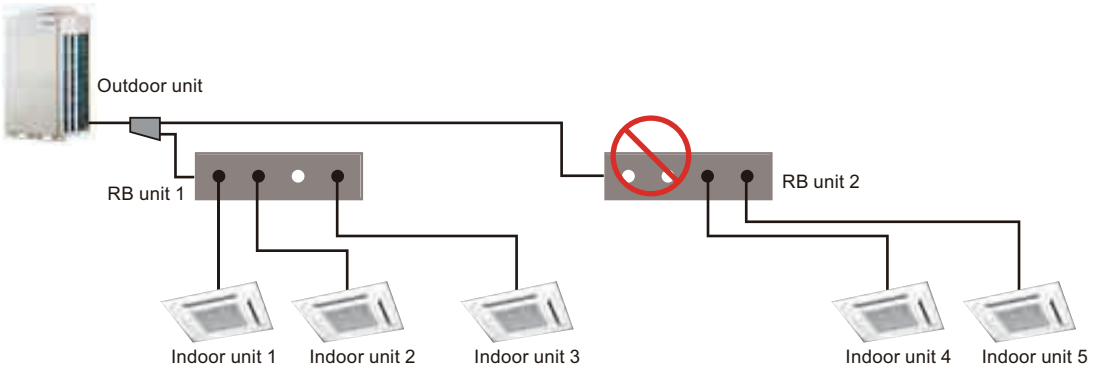



| Capacity ratio | 121% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 27.0 < 33.6 → OK |
| Indoor unit 1 | AUXB014GLEH | 4.5 | (1) 27.0 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 5 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 6 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX04BH | — | (1) 27.0 | (2) 6.6 | (3) 56.0 | (2) ≤ (1) ≤ (3) 6.6 < 27.0 < 56.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 4.5 < 18.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| RB Unit 2 | UTP-RX04BH | — | (1) 4.5 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 4.5 < 18.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 7 (Prohibited)**

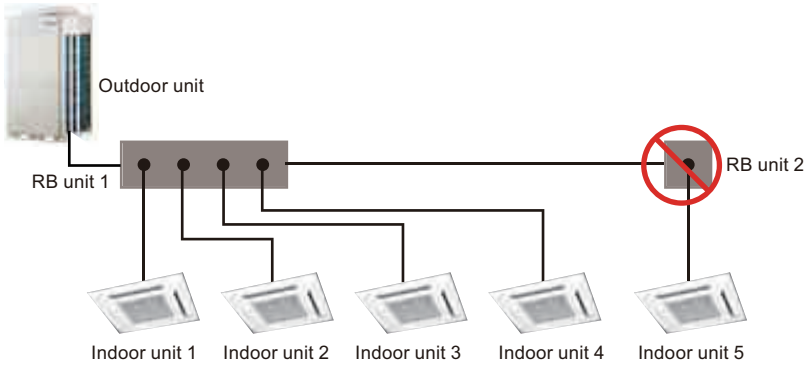



| Capacity ratio | 100% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 22.5 < 33.6 → OK |
| Indoor unit 1 | AUXB014GLEH | 4.5 | (1) 22.5 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 5 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX04BH | — | (1) 13.5 | (2) 3.3 | (3) 56.0 | (2) ≤ (1) ≤ (3) 3.3 < 13.5 < 56.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 4.5 < 18.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| RB Unit 2 | UTP-RX04BH | — | (1) 9.0 | (2) 3.3 | (3) 56.0 | **Prohibited** Because 2 or more branches are not used. |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 8 (Prohibited)**

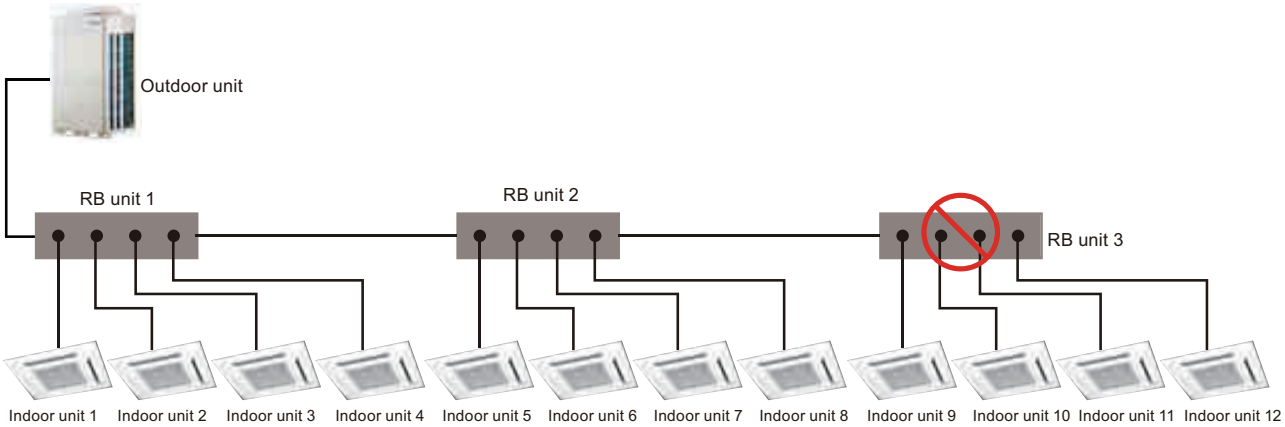



| Capacity ratio | 100% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 22.5 < 33.6 → OK |
| Indoor unit 1 | AUXB014GLEH | 4.5 | (1) 22.5 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 5 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX04BH | — | (1) 18.0 | (2) 3.3 | (3) 56.0 | (2) ≤ (1) ≤ (3) 3.3 < 18.0 < 56.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 4.5 < 18.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 18.0 | |
| RB Unit 2 | UTP-RX01AH | — | (1) 4.5 | (2) 1.1 | (3) 8.0 | **Prohibited** Single type RB Unit cannot be connected in series of multi type. |


SYSTEM DESIGN

- **Example 9 (Prohibited)**

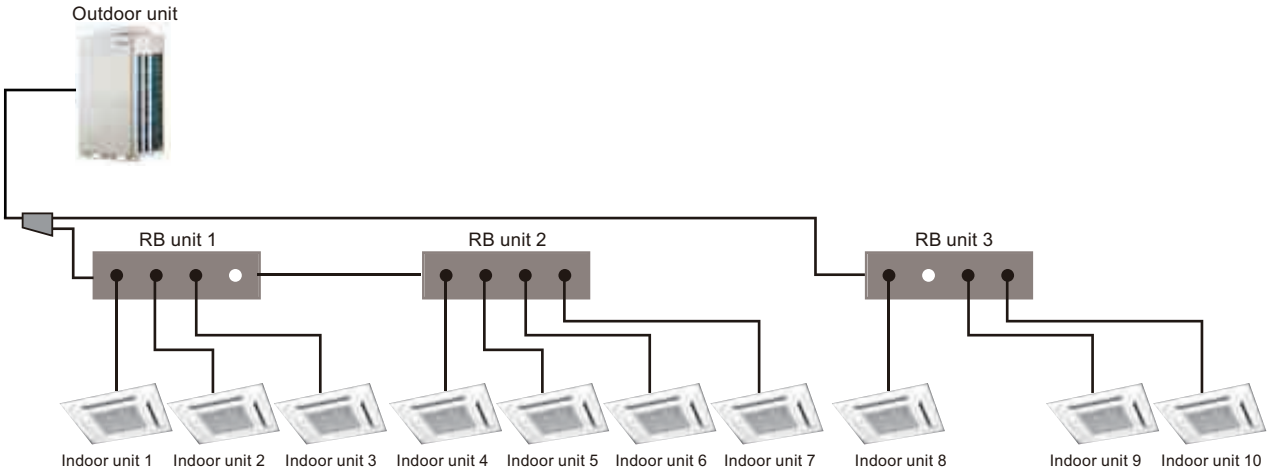



| Capacity ratio | 118% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25%<br>5.6 | (3) 150%<br>33.6 | (2) ≤ (1) ≤ (3)<br>5.6 < 26.4 < 33.6 → OK |
| Indoor unit 1 | AUXB007GLEH | 2.2 | (1) 26.4 | | | |
| Indoor unit 2 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 3 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 4 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 5 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 6 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 7 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 8 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 9 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 10 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 11 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 12 | AUXB007GLEH | 2.2 | | | | |
| RB Unit 1 | UTP-RX04BH | — | (1) 26.4 | (2) 6.6 | (3) 56.0 | (2) ≤ (1) ≤ (3)<br>6.6 < 26.4 < 56.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 2.2 < 18.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| RB Unit 2 | UTP-RX04BH | — | (1) 2.2 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 2.2 < 18.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| RB Unit 3 | UTP-RX04BH | — | (1) 2.2 | (2) 1.1 | (3) 18.0 | **Prohibited**<br>Because 3 or more of multi type cannot be connected in series. |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 10 (OK)**

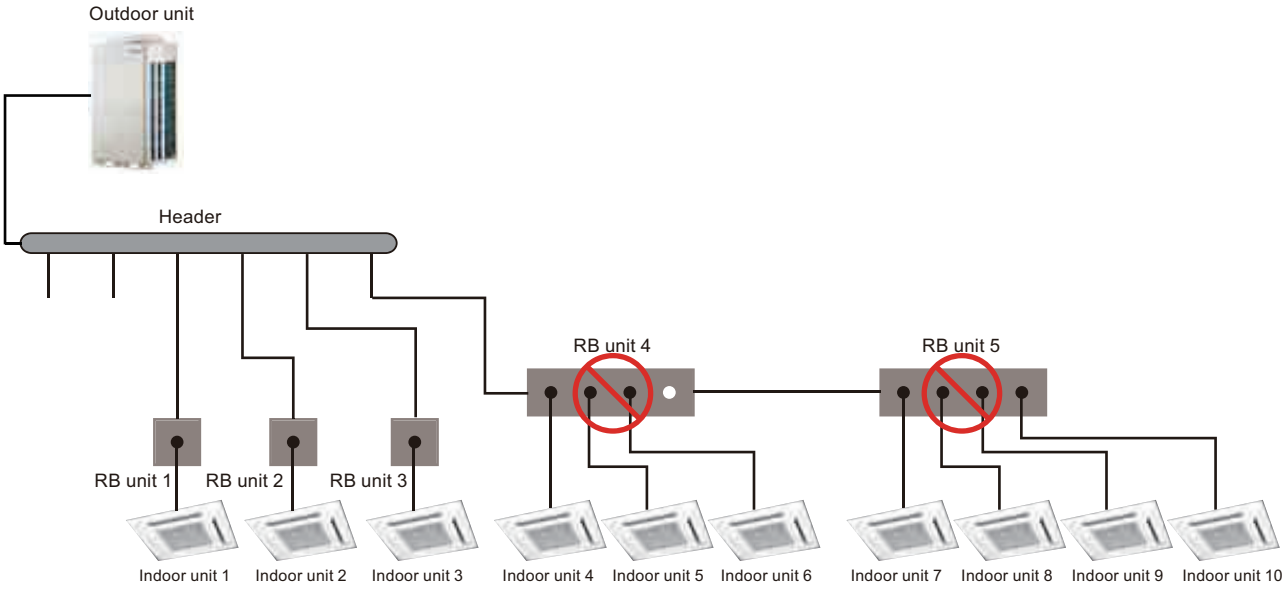



| Capacity ratio | 98% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 22.0 < 33.6 → OK |
| Indoor unit 1 | AUXB007GLEH | 2.2 | (1) 22.0 | | | |
| Indoor unit 2 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 3 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 4 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 5 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 6 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 7 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 8 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 9 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 10 | AUXB007GLEH | 2.2 | | | | |
| RB Unit 1 | UTP-RX04BH | — | (1) 15.4 | (2) 6.6 | (3) 56.0 | (2) ≤ (1) ≤ (3) 6.6 < 15.4 < 56.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 2.2 < 18.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| RB Unit 2 | UTP-RX04BH | — | (1) 2.2 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 2.2 < 18.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| RB Unit 3 | UTP-RX04BH | — | (1) 6.6 | (2) 3.3 | (3) 56.0 | (2) ≤ (1) ≤ (3) 3.3 < 6.6 < 56.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 2.2 < 18.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 11 (Prohibited)**

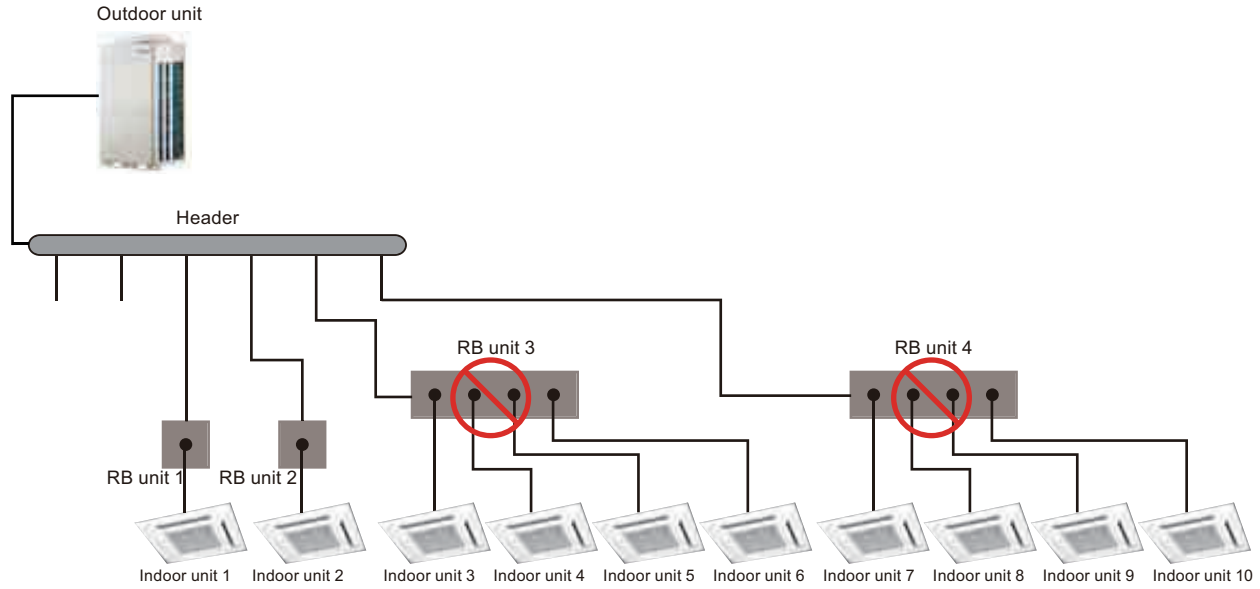



| Capacity ratio | 117% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 26.2 < 33.6 → OK |
| Indoor unit 1 | AUXB012GLEH | 3.6 | (1) 26.2 | | | |
| Indoor unit 2 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 3 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 4 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 5 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 6 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 7 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 8 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 9 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 10 | AUXB007GLEH | 2.2 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 3.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 3.6 < 8.0 → OK |
| RB Unit 2 | UTP-RX01AH | — | (1) 3.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 3.6 < 8.0 → OK |
| RB Unit 3 | UTP-RX01AH | — | (1) 3.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 3.6 < 8.0 → OK |
| RB Unit 4 | UTP-RX04BH | — | (1) 15.4 | (2) 6.6 | (3) 56.0 | **Prohibited** Because multi type RB Unit is installed in the downstream of Header. |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| RB Unit 5 | UTP-RX04BH | — | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 12 (Prohibited)**

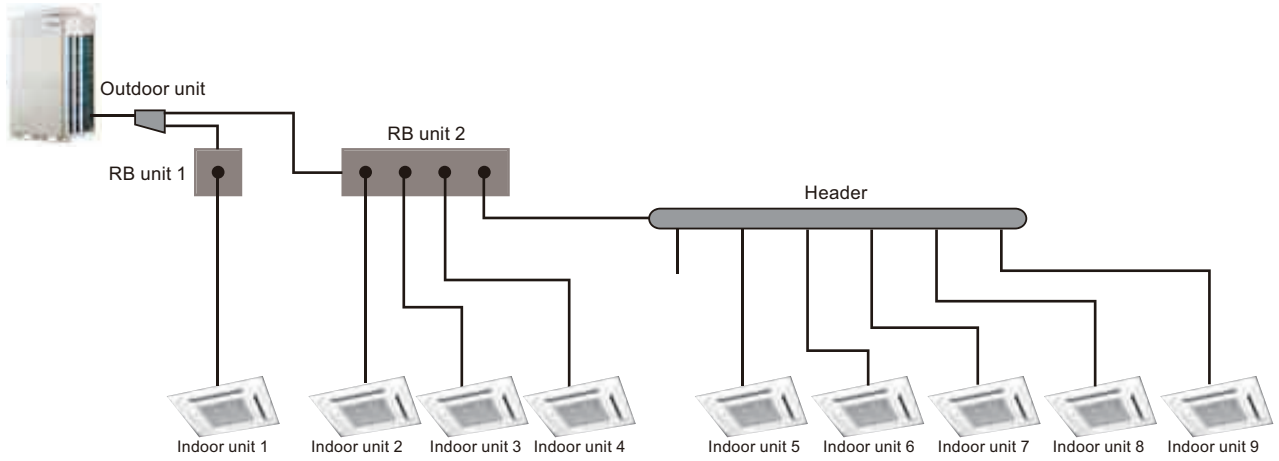



| Capacity ratio | 119% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25%<br>5.6 | (3) 150%<br>33.6 | (2) ≤ (1) ≤ (3)<br>5.6 < 26.6 < 33.6 → OK |
| Indoor unit 1 | AUXB014GLEH | 4.5 | (1) 26.6 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 4 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 5 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 6 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 7 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 8 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 9 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 10 | AUXB007GLEH | 2.2 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 4.5 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 4.5 < 8.0 → OK |
| RB Unit 2 | UTP-RX01AH | — | (1) 4.5 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 4.5 < 8.0 → OK |
| RB Unit 3 | UTP-RX04BH | — | (1) 8.8 | (2) 3.3 | (3) 56.0 | **Prohibited**<br>Because multi type RB Unit is installed in the downstream of Header. |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| RB Unit 4 | UTP-RX04BH | — | (1) 8.8 | (2) 3.3 | (3) 56.0 | **Prohibited**<br>Because multi type RB Unit is installed in the downstream of Header. |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 13 (OK)**

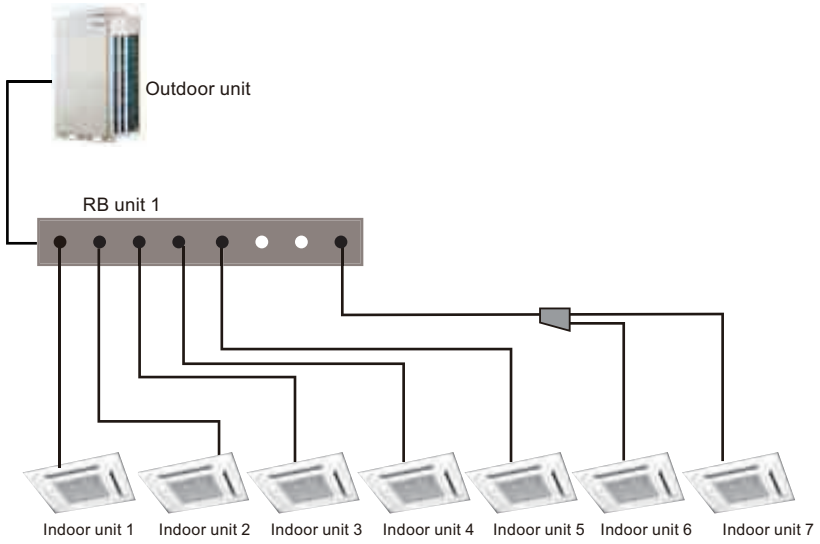



| Capacity ratio | 104% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 23.2 < 33.6 → OK |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 23.2 | | | |
| Indoor unit 2 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 3 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 4 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 5 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 6 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 7 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 8 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 9 | AUXB007GLEH | 2.2 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 8.0 → OK |
| RB Unit 2 | UTP-RX04BH | — | (1) 17.6 | (2) 3.3 | (3) 56.0 | (2) ≤ (1) ≤ (3) 3.3 < 17.6 < 56.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 2.2 < 18.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 14 (OK)**

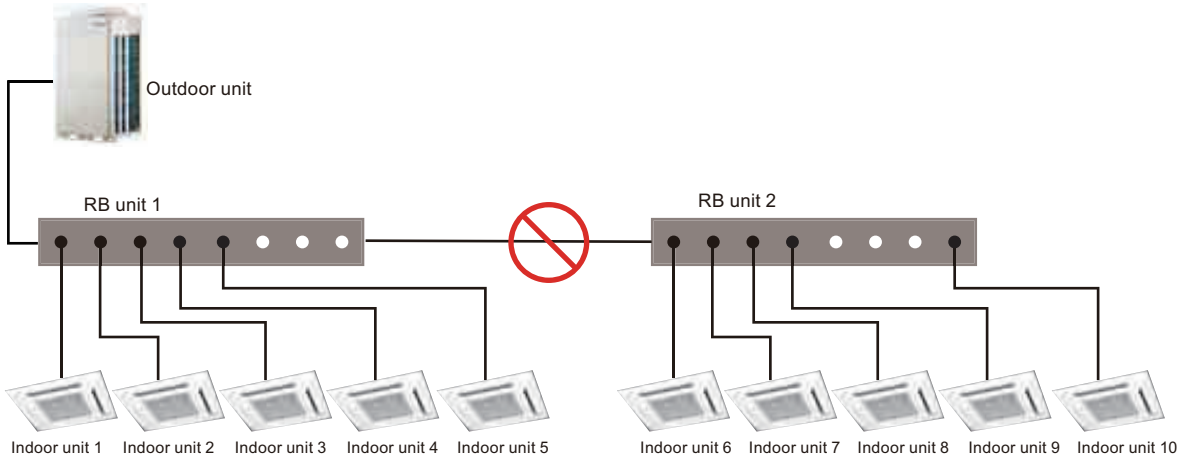



| Capacity ratio | 106% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗090GALDH | 28.0 | 28.0 | (2) 25% 7.0 | (3) 150% 42.0 | (2) ≤ (1) ≤ (3) 7.0 < 29.7 < 42.0 → OK |
| Indoor unit 1 | AUXB014GLEH | 4.5 | (1) 29.7 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 5 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 6 | AUXB012GLEH | 3.6 | | | | |
| Indoor unit 7 | AUXB012GLEH | 3.6 | | | | |
| RB Unit 1 | UTP-RX08AH | — | (1) 29.7 | (2) 1.1 | (3) 72.0 | (2) ≤ (1) ≤ (3) 1.1 < 29.7 < 72.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 4.5 < 8.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 7.2 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 7.2 < 8.0 → OK |


SYSTEM DESIGN

- **Example 15 (Prohibited)**

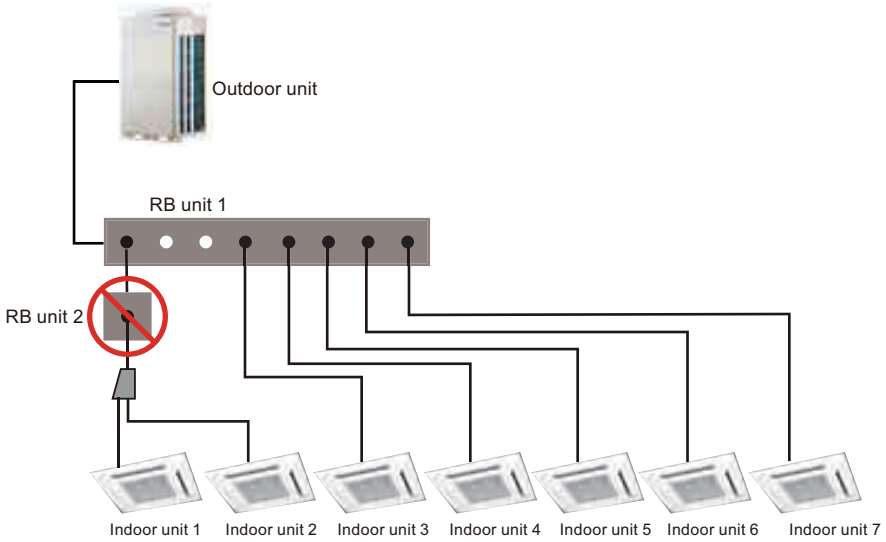



| Capacity ratio | 98% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 22.0 < 33.6 → OK |
| Indoor unit 1 | AUXB007GLEH | 2.2 | (1) 22.0 | | | |
| Indoor unit 2 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 3 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 4 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 5 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 6 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 7 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 8 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 9 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 10 | AUXB007GLEH | 2.2 | | | | |
| RB Unit 1 | UTP-RX08AH | — | (1) 22.0 | (2) 1.1 | (3) 72.0 | (2) ≤ (1) ≤ (3) 1.1 < 22.0 < 72.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 2.2 < 8.0 → OK |
| | | | (1) 2.2 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 8.0 | |
| RB Unit 2 | UTP-RX08AH | — | (1) 2.2 | (2) 1.1 | (3) 8.0 | **Prohibited** Because 2 or more of multi 8/12 type cannot be connected in series. |
| | | | (1) 2.2 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 2.2 | (2) 1.1 | (3) 8.0 | |


SYSTEM DESIGN

- **Example 16 (Prohibited)**

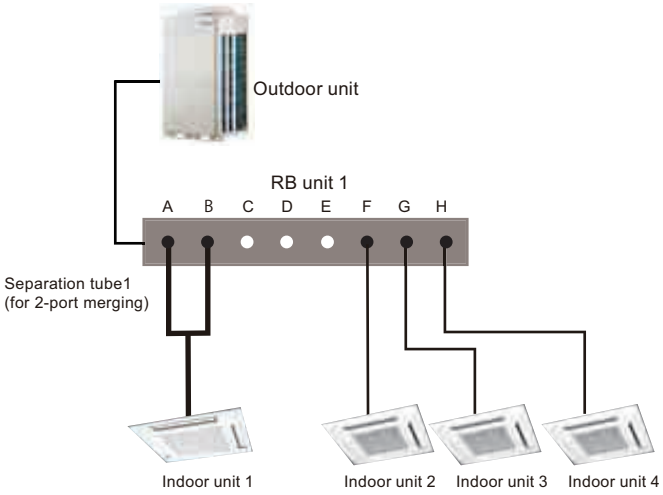



| Capacity ratio | 120% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 26.9 < 33.6 → OK |
| Indoor unit 1 | AUXB007GLEH | 2.2 | (1) 26.9 | | | |
| Indoor unit 2 | AUXB007GLEH | 2.2 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 5 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 6 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 7 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX08AH | — | (1) 26.9 | (2) 1.1 | (3) 72.0 | (2) ≤ (1) ≤ (3) 1.1 < 26.9 < 72.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 4.5 < 8.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| RB Unit 2 | UTP-RX01AH | — | (1) 2.2 | (2) 1.1 | (3) 8.0 | **Prohibited** Single type RB Unit cannot be connected in series of multi type. |
| | | | (1) 2.2 | (2) 1.1 | (3) 8.0 | |


SYSTEM DESIGN

- **Example 17 (OK)**

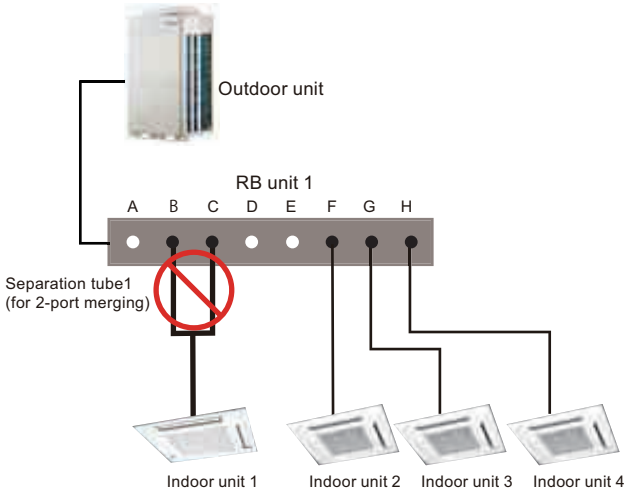



| Capacity ratio | 110% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 24.7 < 33.6 → OK |
| Indoor unit 1 | AUXK036GLEH | 11.2 | (1) 24.7 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX08AH | — | (1) 24.7 | (2) 1.1 | (3) 72.0 | (2) ≤ (1) ≤ (3) 1.1 < 24.7 < 72.0 → OK |
| | | | (1) 11.2 | (2) 8.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 8.1 < 11.2 < 18.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 4.5 < 8.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |


SYSTEM DESIGN

- **Example 18 (Prohibited)**

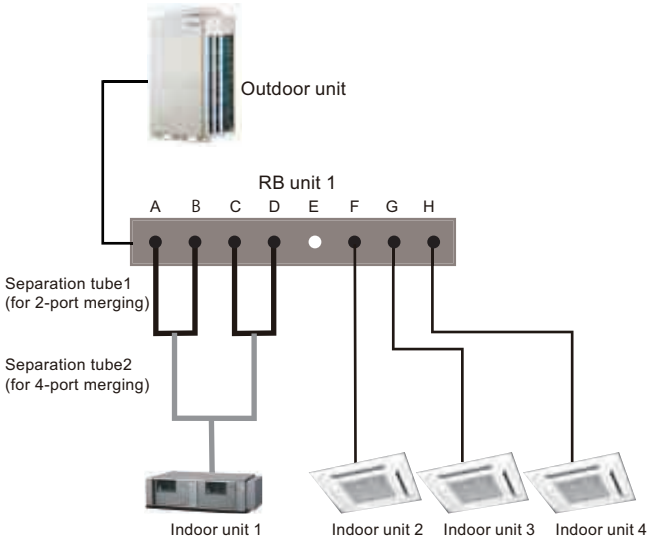



| Capacity ratio | 110% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 24.7 < 33.6 → OK |
| Indoor unit 1 | AUXK036GLEH | 11.2 | (1) 24.7 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX08AH | — | (1) 24.7 | (2) 1.1 | (3) 72.0 | (2) ≤ (1) ≤ (3) 1.1 < 24.7 < 72.0 → OK |
| | | | (1) 11.2 | (2) 8.1 | (3) 18.0 | **Prohibited** Separation Tube1 (for 2-port merging) can only be used with combination 1 (AB), 3 (CD), 5 (EF), and 7 (GH). |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |


SYSTEM DESIGN

- **Example 19 (OK)**



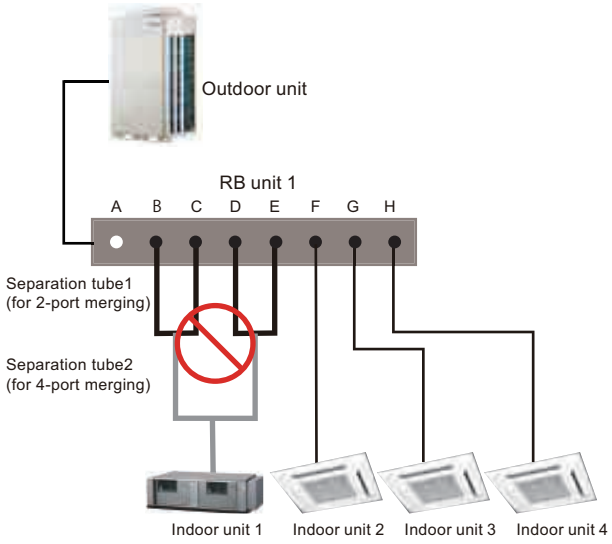

| Capacity ratio | 128% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗090GALDH | 28.0 | 28.0 | (2) 25% 7.0 | (3) 150% 42.0 | (2) ≤ (1) ≤ (3) 7.0 < 35.9 < 42.0 → OK |
| Indoor unit 1 | ARXC072GTEH | 22.4 | (1) 35.9 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX08AH | — | (1) 35.9 | (2) 1.1 | (3) 72.0 | (2) ≤ (1) ≤ (3) 1.1 < 24.7 < 72.0 → OK |
| | | | (1) 22.4 | (2)18.1 | (3) 28.0 | (2) ≤ (1) ≤ (3) 18.1 < 22.4 < 28.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 4.5 < 8.0 → OK |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |



SYSTEM DESIGN

- **Example 20 (Prohibited)**

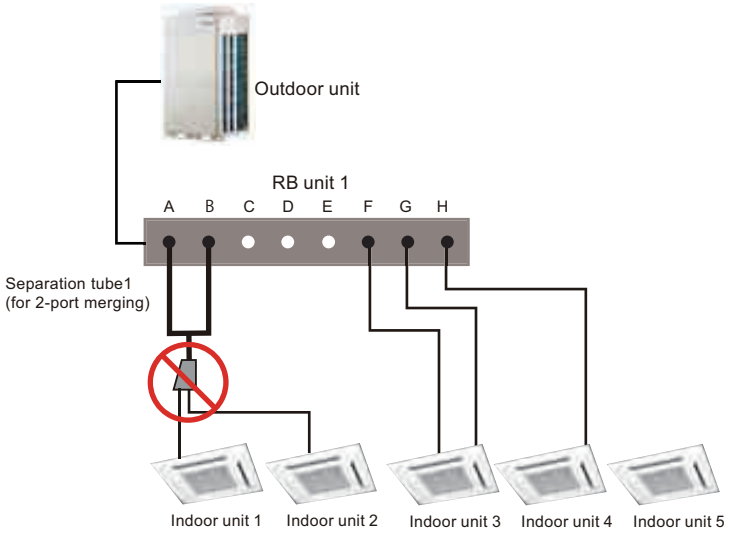



| Capacity ratio | 128% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗090GALDH | 28.0 | 28.0 | (2) 25% 7.0 | (3) 150% 42.0 | (2) ≤ (1) ≤ (3) 7.0 < 35.9 < 42.0 → OK |
| Indoor unit 1 | ARXC072GTEH | 22.4 | (1) 35.9 | | | |
| Indoor unit 2 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX08AH | — | (1) 35.9 | (2) 1.1 | (3) 72.0 | (2) ≤ (1) ≤ (3) 1.1 < 24.7 < 72.0 → OK |
| | | | (1) 22.4 | (2)18.1 | (3) 28.0 | **Prohibited** Separation Tube1 (for 2-port merging) and Separation Tube2 (for 4-port merging) combination type can only be used with combination 1 (ABCD), 5 (EFGH). |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |


SYSTEM DESIGN

- **Example 21 (Prohibited)**




| Capacity ratio | 110% |
|---|---|

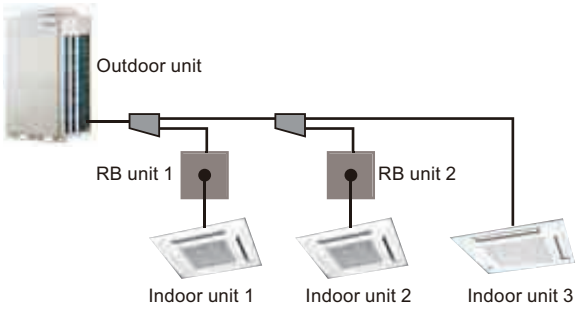
| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3) 5.6 < 24.7 < 33.6 → OK |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 24.7 | | | |
| Indoor unit 2 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 3 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 4 | AUXB014GLEH | 4.5 | | | | |
| Indoor unit 5 | AUXB014GLEH | 4.5 | | | | |
| RB Unit 1 | UTP-RX08AH | — | (1) 24.7 | (2) 1.1 | (3) 72.0 | (2) ≤ (1) ≤ (3) 1.1 < 24.7 < 72.0 → OK |
| | | | (1) 5.6 | (2) 1.1 | (3) 8.0 | **Prohibited** Separation Tube1 (for 2-port merging) cannot branch. |
| | | | (1) 5.6 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |
| | | | (1) 4.5 | (2) 1.1 | (3) 8.0 | |


SYSTEM DESIGN

# ● Cooling only type is mixed

**NOTE:** Indoor unit connected without RB Unit operates as cooling only type.

- **Example 1 (OK)**

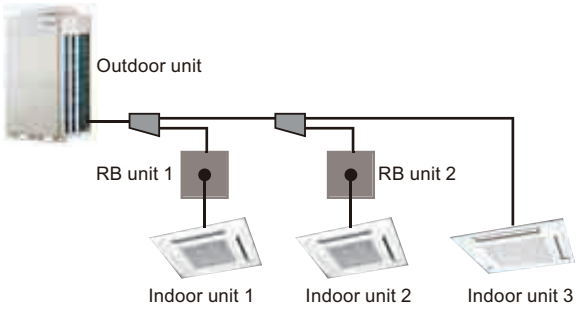



| Capacity ratio | 100% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3)<br>5.6 < 22.4 < 33.6 → OK<br>Capacity ratio of cooling only type:<br>11.2/22.4 = 50% ≤ 50% → OK |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 22.4 | | | |
| Indoor unit 2 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 3 | AUXA36GALH | 11.2 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 5.6 < 8.0 → OK |
| RB Unit 2 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 5.6 < 8.0 → OK |


SYSTEM DESIGN

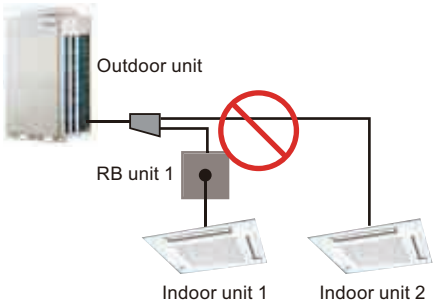
- **Example 2 (Prohibited)**




| Capacity ratio | 106% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3)<br>5.6 < 23.7 < 33.6 → OK<br>Capacity ratio of cooling only type:<br>12.5/23.7 = 53% > 50% →<br>**Prohibited** |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 23.7 | | | |
| Indoor unit 2 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 3 | AUXA45GALH | 12.5 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 5.6 < 8.0 → OK |
| RB Unit 2 | UTP-RX01AH | — | (1) 5.6 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 5.6 < 8.0 → OK |

- **Example 3 (Prohibited)**

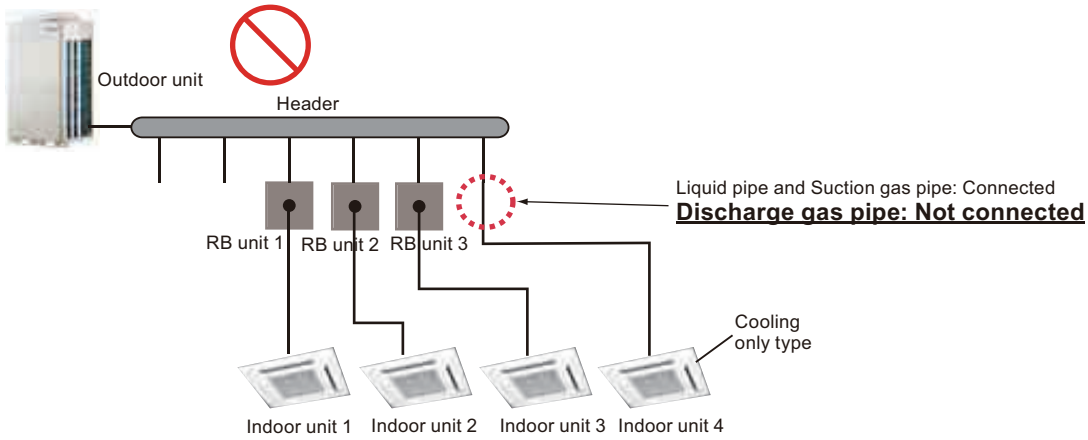



| Capacity ratio | 80% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | **Prohibited**<br>Because must be connected at least 2 or more of RB Unit. |
| Indoor unit 1 | AUXA30GALH | 9.0 | (1) 18.0 | | | |
| Indoor unit 2 | AUXA30GALH | 9.0 | | | | |
| RB Unit 1 | UTP-RX01BH | — | (1) 9.0 | (2) 1.1 | (3) 18.0 | |


SYSTEM DESIGN

- **Example 4 (Prohibited)**

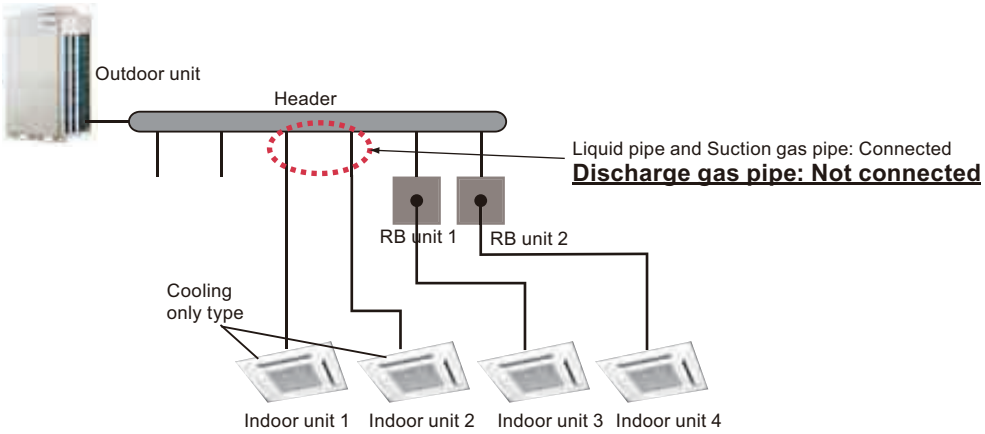



| Capacity ratio | 100% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | **Prohibited** Because cooling only type of indoor unit is connected to the furthest branch from outdoor unit side. |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 22.4 | | | |
| Indoor unit 2 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 3 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 4 | AUXB018GLEH | 5.6 | | | | |
| RB Unit 1 | UTP-RX01BH | — | (1) 5.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 18.0 → OK |
| RB Unit 2 | UTP-RX01BH | — | (1) 5.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 18.0 → OK |
| RB Unit 3 | UTP-RX01BH | — | (1) 5.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 18.0 → OK |


SYSTEM DESIGN

- **Example 5 (Prohibited)**

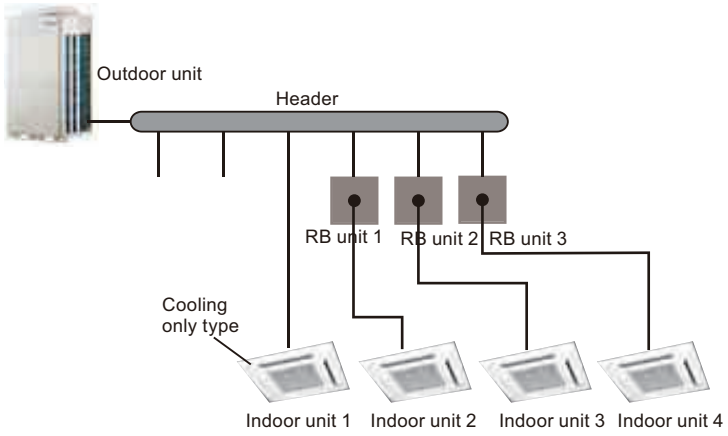



| Capacity ratio | 100% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | **Prohibited** Because at least 3 or more of RB Unit must be connected in port of Header. |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 22.4 | | | |
| Indoor unit 2 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 3 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 4 | AUXB018GLEH | 5.6 | | | | |
| RB Unit 1 | UTP-RX01BH | — | (1) 5.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 18.0 → OK |
| RB Unit 2 | UTP-RX01BH | — | (1) 5.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 5.6 < 18.0 → OK |


SYSTEM DESIGN

- **Example 6 (OK)**



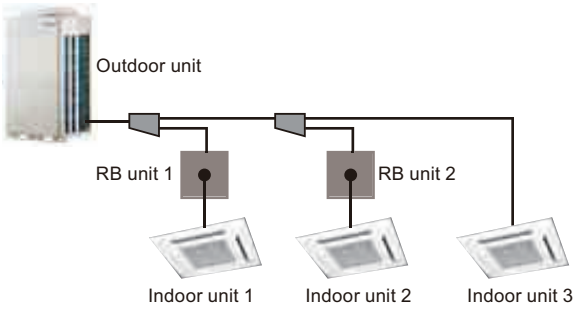

| Capacity ratio | 100% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗072GALDH | 22.4 | 22.4 | (2) 25% 5.6 | (3) 150% 33.6 | (2) ≤ (1) ≤ (3)<br>5.6 < 22.4 < 33.6 → OK<br>Capacity ratio of cooling only type:<br>5.6/22.4 = 25% > 50% → OK |
| Indoor unit 1 | AUXB018GLEH | 5.6 | (1) 22.4 | | | |
| Indoor unit 2 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 3 | AUXB018GLEH | 5.6 | | | | |
| Indoor unit 4 | AUXB018GLEH | 5.6 | | | | |
| RB Unit 1 | UTP-RX01BH | — | (1) 5.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 5.6 < 18.0 → OK |
| RB Unit 2 | UTP-RX01BH | — | (1) 5.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 5.6 < 18.0 → OK |
| RB Unit 3 | UTP-RX01BH | — | (1) 5.6 | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3)<br>1.1 < 5.6 < 18.0 → OK |


SYSTEM DESIGN

# ● Indoor unit connection of 25% to 49.9% of outdoor unit cooling capacity

- **Example 1 (OK)**

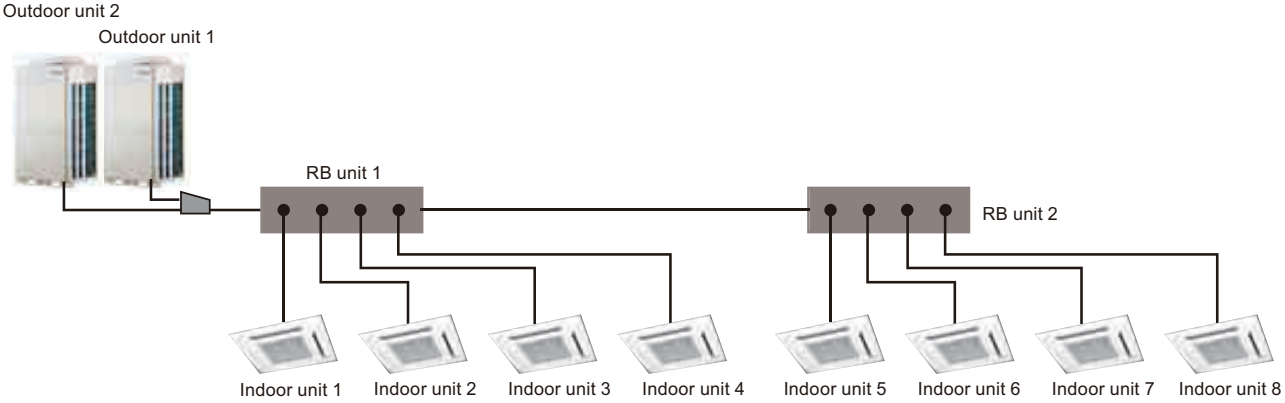



| Capacity ratio | 30% |
|---|---|

| Model name | | Cooling capacity | Total capacity | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|
| | | | | Min. | Max. | |
| | | (kW) | | | | |
| Outdoor unit | AJ∗090GALDH | 28.0 | 28.0 | (2) 25% 7.0 | (3) 150% 42.0 | (2) ≤ (1) ≤ (3) 7.0 < 8.4 < 42.0 → OK |
| Indoor unit 1 | AUXB009GLEH | 2.8 | (1) 8.4 | | | |
| Indoor unit 2 | AUXB009GLEH | 2.8 | | | | |
| Indoor unit 3 | AUXB009GLEH | 2.8 | | | | |
| RB Unit 1 | UTP-RX01AH | — | (1) 2.8 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 2.8 < 8.0 → OK |
| RB Unit 2 | UTP-RX01AH | — | (1) 2.8 | (2) 1.1 | (3) 8.0 | (2) ≤ (1) ≤ (3) 1.1 < 2.8 < 8.0 → OK |


SYSTEM DESIGN

- **Example 2 (OK)**




| Capacity ratio | 31% |
|---|---|

| Model name | | Cooling capacity | Total capacity | | Connectable indoor unit capacity | | Judge |
|---|---|---|---|---|---|---|---|
| | | | | | Min. | Max. | |
| | | (kW) | | | | | |
| Outdoor unit 1 | AJ∗090GALDH | 28.0 | 56.0 | | (2) 25% 14.0 | (3) 150% 84.0 | (2) ≤ (1) ≤ (3) 14.0 < 17.6 < 84.0 → OK |
| Outdoor unit 2 | AJ∗090GALDH | 28.0 | | | | | |
| Indoor unit 1 | AUXB007GLEH | 2.2 | (1) 17.6 | | | | |
| Indoor unit 2 | AUXB007GLEH | 2.2 | | | | | |
| Indoor unit 3 | AUXB007GLEH | 2.2 | | | | | |
| Indoor unit 4 | AUXB007GLEH | 2.2 | | | | | |
| Indoor unit 5 | AUXB007GLEH | 2.2 | | | | | |
| Indoor unit 6 | AUXB007GLEH | 2.2 | | | | | |
| Indoor unit 7 | AUXB007GLEH | 2.2 | | | | | |
| Indoor unit 8 | AUXB007GLEH | 2.2 | | | | | |
| RB Unit 1 | UTP-RX04BH | — | (1) 17.6 | | (2) 6.6 | (3) 56.0 | (2) ≤ (1) ≤ (3) 6.6 < 17.6 < 56.0 → OK |
| | | | (1) 2.2 | | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 2.2 < 18.0 → OK |
| | | | (1) 2.2 | | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | | (2) 1.1 | (3) 18.0 | |
| RB Unit 2 | UTP-RX04BH | — | (1) 2.2 | | (2) 1.1 | (3) 18.0 | (2) ≤ (1) ≤ (3) 1.1 < 2.2 < 18.0 → OK |
| | | | (1) 2.2 | | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | | (2) 1.1 | (3) 18.0 | |
| | | | (1) 2.2 | | (2) 1.1 | (3) 18.0 | |

**NOTES:**

- When only 1 outdoor unit is in operation in the refrigerant system with combination type outdoor unit, indoor unit connection of 25% to 49.9% of outdoor unit cooling capacity is available.
- For non-operating outdoor unit(s), confirm that the 3-way valve is firmly closed and the power is turned off.


SYSTEM DESIGN

# 1-2. VRF network system

## ■ Definition

**VRF network**

VRF network means global VRF network.

**Network segment (NS)**

Network segment (NS) means each networks shut off by Signal Amplifier.

Network segments mean divided block which has been connected with Signal Amplifier within conditions that required Signal Amplifier.

When a Signal Amplifier is installed, network is divided into two network segments.

**RB unit group (RBG)**

RB unit group (RBG) means network connected within indoor units that are connected pipes.

**Unit**

Unit means that forward transmission in network segment.

**Terminal resistor**

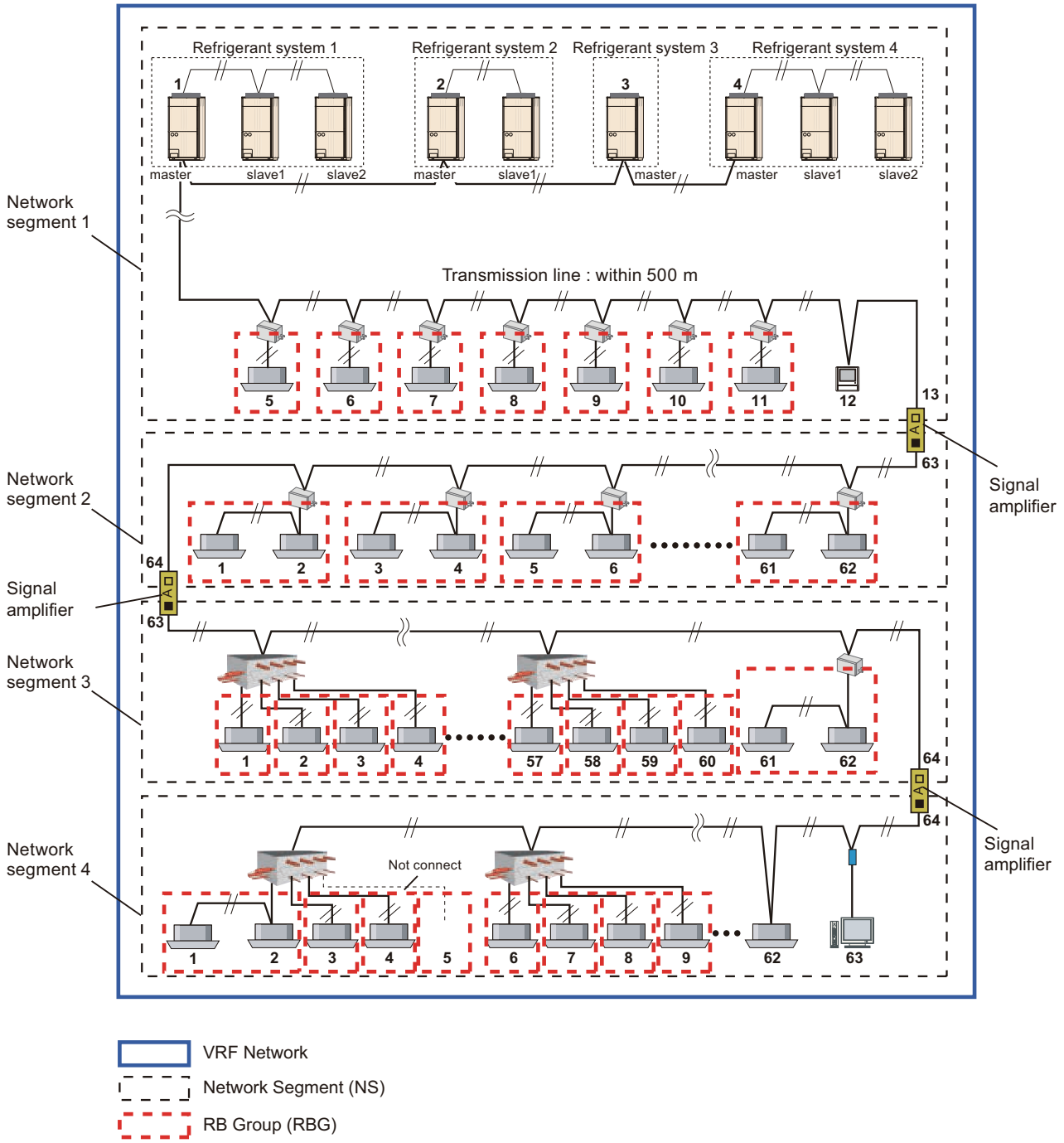
Terminal resistor means resistor should set in network segment.



SYSTEM DESIGN

# ■ Overview

- VRF network system should keep both of number of unit and wiring length. When system exceeds either number of unit or wiring length, the system should be divided.
- Different VRF series may not coexist within the same network.



# ■ Maximum wiring length

| Transmission cable | Maximum wiring length |
|---|---|
| Total wiring length of transmission | 3,600 m |
| Maximum wiring length between units | 400 m |
| Total wiring length in 1 segment | 500 m |

| | VRF network system | Segment |
|---|---|---|
| Wiring length | 3,600 m | 500 m |
| Number of units | 400 | 64 |

In the following case, Signal Amplifier is required.

- When the total length of the transmission cable exceeds 500 m.
- When transmission cable length between each units exceeds (in segment) 400 m.
- When the number of total unit exceeds 64 units. (For how to count units, refer to "How to count units in a network segment" on page 06-45.

## ● Maximum wiring length of units

| Name | Model name | Maximum wiring length | | Remarks |
|---|---|---|---|---|
| Network Converter | UTY-VTGX<br>UTY-VTGXV | Remote controller to Network Converter | 100 m | Used for single split air conditioner |
| | | Indoor unit to Network Converter | 100 m | |
| Network Converter for LonWorks | UTY-VLGX | In each network segment | 500 m | |
| KNX Convertor for VRF | UTY-VKGX | In each network segment | 500 m | |
| KNX Convertor for Indoor Unit | UTY-VKSX | In each network segment | 500 m | |
| Modbus Converter | UTY-VMGX | In each network segment | 500 m | |
| BACnet Gateway (Hardware) | UTY-VBGX | BMS to BACnet Gateway | 100 m | |
| Signal Amplifier | UTY-VSGXZ1 | In each network segment | 500 m | |
| External Switch Controller | UTY-TERX<br>UTY-TEKX | External switch to External Switch Controller | 50 m | Maximum connectable indoor units: 16<br>2 remote controllers can be used jointly. |
| | | Indoor unit to External Switch Controller | 25 m | |
| Wired Remote Controller | UTY-RNR∗Z∗<br>UTY-RVR∗<br>UTY-RLR∗<br>UTY-RCR∗Z1<br>UTY-RNK∗ | Remote controller cable | 500 m | |
| Simple Remote Controller | UTY-RSR∗<br>UTY-RSK∗<br>UTY-RHR∗<br>UTY-RHK∗ | | | |


SYSTEM DESIGN

# ■ Maximum connectable unit numbers in 1 VRF network system

| | |
|---|---|
| Outdoor unit | 100 |
| Indoor unit | 400 |

## ● Controller

- **Central controller**

| Exterior | Part name | Model name | Max. connectable number | Max. controllable number | | | |
|---|---|---|---|---|---|---|---|
| | | | | VRF network system | Remote controller group | Indoor unit | Group |
| | System Controller*1 | UTY-APGXZ1 | 1 | 4 | 1,600 per VRF network system | | |
| | System Controller Lite | UTY-ALGXZ1 | 1 | 1 | 400 | | |
| | Touch Panel Controller | UTY-DTG∗Z1 | 16*2 | — | 400 | | |
| | Central Remote Controller | UTY-DCG∗Z3 | 16*2 | — | 100 | 100 | 50 |

**NOTES:**

- *1: Different VRF series may be connected for each of the 4 VRF networks supported by the product, but different series may not coexist within the same network. (VR-IV, J-IV, J-IVS, J-VS, J-IVL, VR-II, V-III, J-III, J-IIS, and J-IIIL can exist together in same network. V and S can exist together in same network, too.)
- *2: For 1 VRF network system, total number of Touch Panel Controller, Central Remote Controller, KNX Convertor for VRF, Modbus Converter for VRF, BACnet Gateway (Hardware) is 16, including 1 Network Converter for LonWorks.


SYSTEM DESIGN

- **Individual controller**

| Exterior | Part name | Model name | Max. number | Remarks |
|---|---|---|---|---|
| | Wired Remote Controller (Touch Panel) | UTY-RVR∗ | — | Maximum controllable indoor units: 16 |
| | Wired Remote Controller (Touch Panel) | UTY-RNR∗Z∗ | — | Maximum controllable indoor units: 16 |
| | Wired Remote Controller | UTY-RLR∗ | — | Maximum controllable indoor units: 16 |
| | Wired Remote Controller | UTY-RCR∗Z1 | — | Maximum controllable indoor units: 16 |
| | Wired Remote Controller | UTY-RNK∗ | — | Maximum controllable indoor units: 16 |
| | Simple Remote Controller | UTY-RSR∗ | — | Maximum controllable indoor units: 16 |
| | Simple Remote Controller | UTY-RSK∗ | — | Maximum controllable indoor units: 16 |
| | Simple Remote Controller (Without operation mode) | UTY-RHR∗ | — | Maximum controllable indoor units: 16 |
| | Simple Remote Controller (Without operation mode) | UTY-RHK∗ | — | Maximum controllable indoor units: 16 |
| | Wireless Remote Controller | UTY-LNV∗ | — | |
| | Wireless Remote Controller | UTY-LNH∗ | — | |

SYSTEM DESIGN

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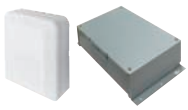
# ● Adaptor/Convertor/Maintenance tool

| Exterior | Part name | Model name | Max. number | Remarks |
|---|---|---|---|---|
|  | Network Converter | UTY-VTGX<br>UTY-VTGXV | 100 | • Total number of refrigerant system and Network Converter is maximum 100.<br>• Maximum connectable single split type or multi type: 16 units |
| | Network Converter for LonWorks | UTY-VLGX | 1*1 | Maximum controllable indoor units: 128 |
| | KNX Convertor for VRF | UTY-VKGX | 9*1 | Maximum controllable indoor units: 128 |
| | KNX Convertor for Indoor Unit | UTY-VKSX | — | Maximum controllable indoor units: 1 |
| | Modbus Converter for VRF | UTY-VMGX | 9*1 | Maximum controllable indoor units: 128 |
| | Modbus Converter for Indoor Unit | UTY-VMSX | — | Maximum controllable indoor units: 1 |
| | BACnet Gateway (Hardware) | UTY-VBGX | 4*1 | Maximum controllable indoor units: 128 |
| | BACnet Gateway (Software) | UTY-ABGXZ1 | 1*2 | • Maximum controllable VRF network system: 4<br>• Maximum controllable remote controller group: 1,600 per 4 VRF network system<br>• Maximum controllable indoor units: 1,600 per 4 VRF network system<br>• Maximum controllable group: 1,600 per 4 VRF network system |
| | WLAN Adapter | UTY-TFSXZ1 | — | Connected to each indoor unit |
| | Signal Amplifier | UTY-VSGXZ1 | 8 | • Signal Amplifier is required when 500 m or more in transmission cable length or connected units exceed 64 units.<br>• When filter mode of Signal Amplifieris on, maximum number is 40. |

SYSTEM DESIGN

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| Exterior | Part name | Model name | Max. number | Remarks |
|---|---|---|---|---|
| | External Switch Controller | UTY-TERX | — | Maximum controllable indoor units: 16 |
| | External Switch Controller | UTY-TEKX | — | Maximum controllable indoor units: 16 |
| | Service Tool | UTY-ASGXZ1 | 1*3 | • PC: Locally purchased<br>• USB adapter is required. |
| | Web Monitoring Tool | UTY-AMGXZ1 | 1*2*3 | • PC: Locally purchased<br>• Up to 4 VRF network system can be observed with one Web Monitoring Tool. |

**NOTES:**

- *1: For 1 VRF network system, total number of Touch Panel Controller, Central Remote Controller, Network Converter for Group Remote Controller, KNX Convertor for VRF, Modbus Converter for VRF, BACnet Gateway (Hardware) is 16, including 1 Network Converter for LonWorks.
- *2: Different VRF series may be connected for each of the 4 VRF networks supported by the product, but different series may not coexist within the same network. (VR-IV, J-IV, J-IVS, J-VS, J-IVL, VR-II, V-III, J-III, J-IIS, and J-IIIL can exist together in same network. V and S can exist together in same network, too.)
- *3: 1 Service Tool or 1 Web Monitoring Tool can be connected.


SYSTEM DESIGN

## ● How to count units in a network segment

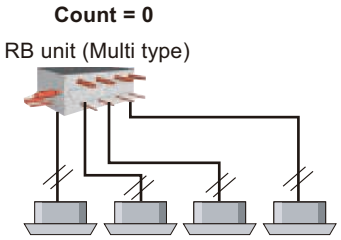
Each unit must be counted in the network segment as in the table below.

| Unit | | Model name | Count |
|---|---|---|---|
| Outdoor unit (each) | Primary | — | 1 |
| | Subordinate | — | 0 |
| Indoor unit (each) | | — | 1 |
| RB Unit | Single type | UTP-RX01AH<br>UTP-RX01BH<br>UTP-RX01CH | 0 |
| | Multi type | UTP-RX04BH<br>UTP-RX08AH<br>UTP-RX12AH | 0*1 |
| Controller | System Controller | UTY-APGXZ1 | 1 |
| | System Controller Lite | UTY-ALGXZ1 | 1 |
| | Touch Panel Controller | UTY-DTG∗Z1 | 1 |
| | Central Remote Controller | UTY-DCG∗Z3 | 1 |
| | Wired Remote Controller (Touch Panel) | UTY-RVR∗ | 0 |
| | Wired Remote Controller (Touch Panel) | UTY-RNR∗Z∗ | 0 |
| | Wired Remote Controller | UTY-RLR∗ | 0 |
| | Wired Remote Controller | UTY-RCR∗Z1 | 0 |
| | Wired Remote Controller | UTY-RNK∗ | 0 |
| | Simple Remote Controller (With operation mode) | UTY-RSR∗<br>UTY-RSK∗ | 0 |
| | Simple Remote Controller (Without operation mode) | UTY-RHR∗<br>UTY-RHK∗ | 0 |
| | Wireless Remote Controller | UTY-LNV∗ | 0 |
| | Wireless Remote Controller | UTY-LNH∗ | 0 |
| | IR Receiver Unit for all duct, 3D flow cassette types | UTY-TRHX | 0 |
| | IR Receiver Unit for all duct type | UTB-YWC | 0 |
| | IR Receiver Unit for 4-way flow cassette type | UTY-LRH∗B1 | 0 |
| | IR Receiver Unit for circular flow cassette type | UTY-LBHXD | 0 |
| | Human Sensor Kit for circular flow cassette type | UTY-SHZXC | 0 |
| | Remote Sensor Unit | UTY-XSZXZ1 | 0 |
| Adaptor/ Convertor | Network Converter | UTY-VTGX<br>UTY-VTGXV | 1 |
| | Network Converter for LonWorks | UTY-VLGX | 1 |
| | KNX Convertor for VRF | UTY-VKGX | 1 |
| | KNX Convertor for Indoor Unit | UTY-VKSX | 0 |
| | Modbus Converter for VRF | UTY-VMGX | 1 |
| | Modbus Converter for Indoor Unit | UTY-VMSX | 0 |
| | BACnet Gateway (Hardware) | UTY-VBGX | 1 |
| | BACnet Gateway (Software) | UTY-ABGXZ1 | 1 |
| | WLAN Adapter | UTY-TFSXZ1 | 0 |
| | Signal Amplifier | UTY-VSGXZ1 | 1*2 |
| | External Switch Controller | UTY-TERX<br>UTY-TEKX | 0 |
| Maintenance | Service Tool | UTY-ASGXZ1 | 1 |
| | Web Monitoring Tool | UTY-AMGXZ1 | 1 |
| Option | Other optional parts | — | 0 |

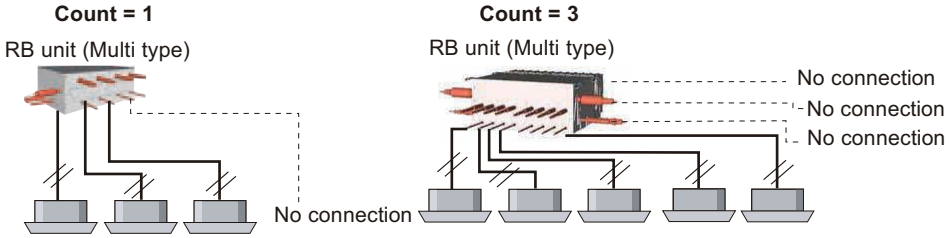
*1: The counting method of the multi-type RB Unit depends on the connection of the indoor units as follows.


SYSTEM DESIGN

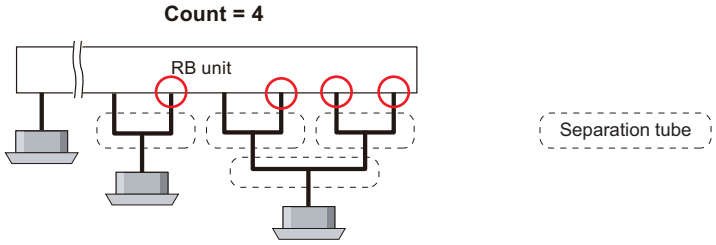
- All branches are connected to the indoor units: Count as “0”.




- Any branches are not connected to the indoor unit: Count the number of unused branches only.




- An indoor unit is connected to the multiple branches using the Separation Tube: Count the number of the merged branches.




*2: Signal Amplifier should be count per each network segment.


SYSTEM DESIGN

# 1-3. Installation location

## ■ Outdoor unit

For installing the outdoor unit, select a place where satisfies following conditions.

- A place where satisfies the installation space described in "Installation space" in Chapter 3. OUTDOOR UNITS on page 03-28.
- A place where the unit can be installed horizontally.
- A place with enough space for performing pipe work, service, and maintenance.
- A place where satisfies the pipe limitations of height and length between the outdoor units to be connected.

For satisfactory operation of the air conditioner, install the outdoor unit with referring the outlines described in the installation manual.

### ● Installation limitation

Do not install at the place of following conditions:

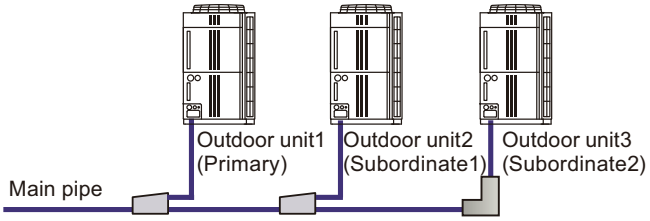
- A place exposed to strong or seasonal winds
- A place where the blown air accumulate
- A place where there are obstructions to the air near to the inlet and outlet
- A place exposed to radiation from other heat sources
- A place where the discharged air will affect animals or plants
- A place where the noise and hot air will disturb the neighbor
- A place that transmit noise or vibration
- A place where drain water is problem
- A place where snow accumulate
- A place where is affected easily by electrical noise
- A place where children can reach
- A place where there is danger of the generation, influx, or accumulation of flammable gas
- A place that have a special environment such as large amount of oil, vapor, or sulfide gas


SYSTEM DESIGN

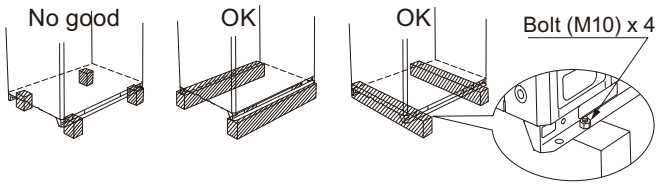
## ● Precaution for installation location

- Install the outdoor unit in a position where its tilts is 3 degrees or less. However, do not install the unit with it tilted towards the side containing the compressor.
- Install the outdoor unit on the place with strong installation fixings, which can sufficiently bear the product weight
- When installing the multiple units at one place, secure enough outlet space to prevent a effect of short circuit.
- In cold or snowy regions, make sure that installation location is high enough, and install a snow protection hood.
- Drain water is discharged from the outdoor unit during operation, so make sure that this drain water is possible to flow.
- Use material such as vibration-resistant rubber to prevent the transmission of vibration to the floor.
- Securely fix the unit when it may be in a position exposed to strong winds.
- When cooling operation will be conducted at outdoor air temperature below -5 °C, the outdoor unit must be installed in a position that is higher than or equal to those of indoor units.

Make sure to mount the outdoor unit 1 (primary) closest to indoor unit side.




Installation example

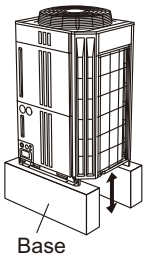



*Do not use a four-corner support foundation.

- Do not install directly on the ground, this may cause equipment failure.
- Secure enough space for ice buildup by condensation between the bottom of the unit and the flat surface which it is installed. Otherwise, there is risk that the drain water will freeze between the device and the surface and disable drainage.

### ⚠ CAUTION

- If the unit is installed in a region that is exposed to high winds, freezing conditions, freezing rain, snow fall or heavy snow accumulation, take appropriate measures to protect it from those elements.
- To ensure stable operation, the outdoor unit must be installed on a raised stand or rack, at or above the anticipated snow depth for the region.
- The installation of snow hoods and drift prevention fencing is recommended when blowing and drifting snow is common to the region.





SYSTEM DESIGN

# ■ Indoor unit

For installing the indoor unit, with considering your customer's request select a place where satisfies following conditions.

- Install the unit level on a strong wall, floor, ceiling, which is not subject to vibration.
- The inlet and outlet ports should not be obstructed. The air should be able to blow all over the room.
- Install the unit where the connection pipe can be easily installed.
- Install the unit where the drain pipe can be easily installed.
- Take servicing, etc. into consideration and leave the spaces. Also install the unit where the filter can be removed.
- Install the unit where satisfy the pipe length and height.

Also, install the unit at a place of following conditions:

- A well-ventilated place avoiding rains and direct sunlight.
- A place where air from the outlet and noise do not disturb the neighbor.
- A place that can withstand the weight of the indoor unit and install positively so that the unit will not topple or fall.
- A place where drainage does not cause any trouble.

For satisfactory operation of the air conditioner, install the indoor unit with referring the outlines described in the installation manual.

## ● Installation limitation

Do not install the unit the place of following conditions:

- A place where there is the danger of flammable gas leakage.
- A place near heat sources and the location with high temperature.
- A place near a source of heat, steam, or flammable gas.
- A place where there is oily smoke, machine oil (i.e. factory), salty environment with direct sea breeze, and too much of dust.

Mind the following when installing or using the unit:

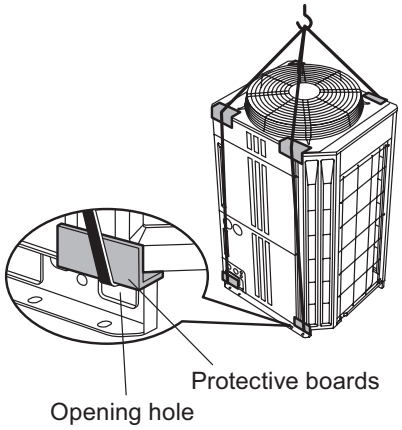
- Install with the lowest moving parts at least 2.4 m above floor or grade level.
- Install the indoor and outdoor units, power wiring, signal wiring and remote control wiring 1 m away from televisions and radios to avoid distorted images and noise. (However, distorted images and noise may not be avoidable even if the units and wiring mentioned above are installed 1 m away from televisions and radios depending on conditions of the electromagnetic disturbance.)
- When installing an indoor unit in a small room, a care must be taken to keep refrigerant concentrations from exceeding limitations if there is a refrigerant leak.
- Control may not operate correctly if the unit is installed near machinery which emit electromagnetic waves.
- A sound might be heard from the indoor unit such as a refrigerant flowing sound. For using in small and quiet room such as bed room or hotel guest room, select the unit which has not exposed inside the room (Ex. Duct type) or the unit which connects EV kit separately (Ex. Wall mounted type (EEV external model) + EV kit).
- If children may approach the unit, take preventive measures so that they cannot reach the unit.
- Welded parts may be damaged if the unit is installed where corrosive gases such as sulphuric acid are generated.
- Do not use the unit for air conditioning or saving precision instrument, food, art, plants, and animal as special place.


SYSTEM DESIGN

# 1-4. Transportation the outdoor unit

## ■ Hoisting method

- When hanging the outdoor unit and conveying it to installation location, hang the unit with rope by passing through the 4 opening holes on bottom of front and rear side as shown in figure.
- Use 2 ropes at least 8 m long. If used shorter length, it may cause to damage the unit.
- Use sufficiently strong rope to bear weight of the unit.
- Place the protective board or filter cloth at the place where the cabinet may come into contact with the rope to prevent damages. Without using them, cabinet may cause to damage or deform.
- During hang the unit, make sure to keep the unit horizontally to prevent drop.
- Be careful not to be shocked during hang the unit.
- To prevent the unit swing accident or falling down of the unit, do not apply any impact to the unit when it is hanging.



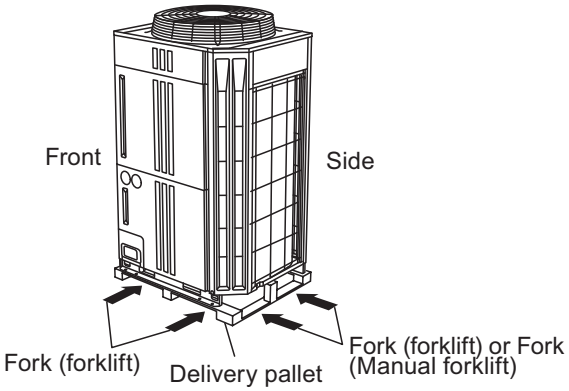

| Model name | Weight |
|---|---|
| AJ∗072GALDH | 262 kg |
| AJ∗090GALDH | |
| AJ∗108GALDH | |
| AJ∗126GALDH | 286 kg |
| AJ∗144GALDH | |


SYSTEM DESIGN

# ■ Lifting by forklift

- **When using forklift to lift the unit:**
  - Place the forks in the pallet as shown below.
    - Front: Bottom of the wooden delivery pallet
    - Side: Space between pallet and cabinet (The unit is removed from the pallet from the side)
  - Enable to remove the pallet from cabinet.
  - Be careful not to damage the unit.

- **When using manual forklift (Pallet jack) to lift the unit:**
  Pass the forks through to the opening space between pallet and cabinet from side.





SYSTEM DESIGN

# 2. Piping design

## 2-1. Important items when using refrigerant (R410A)

R410A operates at higher pressure and has less solubility with mineral oil than traditional R22 refrigerant. Therefore, R410A systems use a different refrigerant oil and have different piping requirements.

- **Refrigerant pipe material and wall thickness**
  Only seamless copper tubes should be used for refrigerant pipe. Thickness of tubes are shown in table below.
  Endurance pressure of the pipes must be 4.2 MPa.

| Nominal diameter | in | 1/4 | 3/8 | 1/2 | 5/8 | 3/4 | 7/8 | 1-1/8 | 1-3/8 | 1-5/8 |
|---|---|---|---|---|---|---|---|---|---|---|
| Outside diameter | mm | 6.35 | 9.52 | 12.70 | 15.88 | 19.05 | 22.22 | 28.58 | 34.92 | 41.27 |
| Material | | JIS H3300 C1220T-O or equivalent*1 | | | | | JIS H3300 C1220T-H or equivalent*2 | | | |
| Wall thickness*3 | mm | 0.8 | | | 1.0 | 1.2 | 1.0 | | 1.2 | 1.43 |

  – *1: Allowable tensile stress ≥ 33 N/mm$^2$
  – *2: Allowable tensile stress ≥ 61 N/mm$^2$
  – *3: Endurance pressure of the pipes must be 4.2 MPa.
  Select the pipe size in accordance with the regional standard.

- **Refrigerant oil**

| Refrigerant | R410A (Refrigerant blend) |
|---|---|
| Refrigerant oil | Synthetic oil |

- **Tools**
  R410A work requires a number of special tools. The items below (with * symbol) are specialized for R410A. Make sure that R22 tools cannot be used on R410A systems.

| Tool name | Process and application | |
|---|---|---|
| Pipe cutter | Pipe cutting | Refrigerant pipe work |
| Flaring tool* | Pipe flaring work | |
| Torque wrench* | Flare nut connection | |
| Expander | Expansion at pipe connection | |
| Pipe bender | Pipe bending work | |
| Nitrogen gas | Pipe interior oxidation prevention | Air pressure test |
| Welder | Pipe brazing | |
| Gauge manifold* | Vacuum evacuation and refrigerant charging operation check | Air pressure test through Refrigerant additional charging |
| Charging hose* | | |
| Vacuum pump (with adapter)* | | Vacuum drying |
| Electronic scale for refrigerant charging | | Refrigerant additional charging |
| Gas leak tester* | Gas leakage test | |

*: For details, refer to the service manual.


SYSTEM DESIGN

# ■ Work flow example

**Preparations**

Prepare schedule of works

↓

Refrigerant check

- Always check the refrigerant to be used.
- Always use the specified refrigerant.
- Prepare materials/tools matched to refrigerant

↓

Operation chart preparation

↓

**Start of work**

Indoor unit and RB Unit installation

↓

Refrigerant pipe work

- Use copper tube of specified material and thickness to meet endurance pressure of the pipe. (4.2 MPa)
- Do not use pipe with dust and dirt sticking to it during piping connection work.
- Always flow dry nitrogen through piping while brazing.

↓

Drain piping work

↓

Duct work

↓

Insulation work

↓

Remote controller installation

↓

Electrical wiring work — Do not connect to the power supply.

↓

Outdoor unit foundation work

↓

Outdoor unit installation



SYSTEM DESIGN

↓

Address setting

↓

Refrigerant pipe connection
(Outdoor unit)

↓

Leak pressure test

- Seal with nitrogen up to 4.2 MPa.
- After 24 hours, check whether the pressure in piping has not descended.

↓

Vacuum evacuation and drying

- Do not purge system with refrigerant.
- Use a vacuum pump with check valve to prevent the back flow of vacuum pump oil into the refrigerant system.

↓

Additional refrigerant charge

Calculate additional refrigerant charge. Add additional refrigerant with R410A gage manifold and hose.

↓

Gas leakage check

↓

Outside panel installation

↓

Test run and adjustment

**End of work**

↓

Hand over

↓

Customer training



SYSTEM DESIGN

# 2-2. Piping limitation

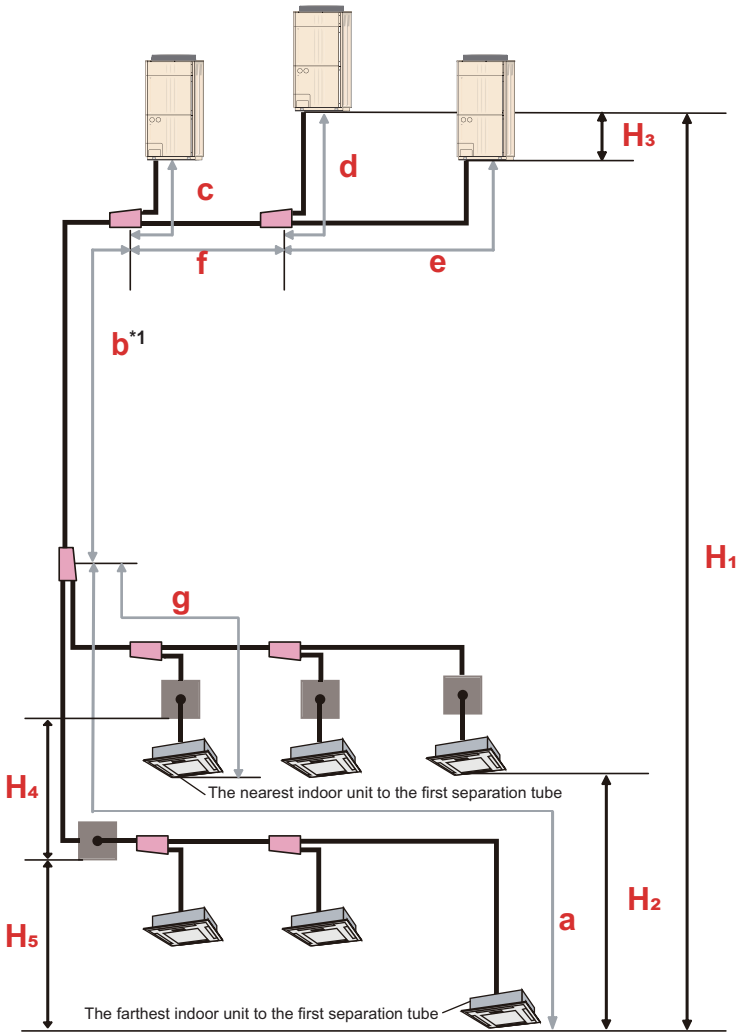
For proper system operation, keep all the piping limitation mentioned here.

**⚠ CAUTION**

- **Allowable height difference:**
  - If the height difference between indoor unit and outdoor unit is larger than the allowable value:
    - The pressure loss will be larger. → Insufficient cooling and heating
    - The refrigerant in liquid pipe will flush. → Refrigerant flow noise generate at indoor unit
    - The refrigerant oil will not return.
      → Insufficient refrigerant oil resulting in compressor damage
  - If the height difference between indoor units, between RB Units, or between RB Unit and indoor unit is larger than the allowable value:
    - The refrigerant flow balance will be poor. → Insufficient cooling and heating (poor balance)
    - Refrigerant oil will collect in the piping or non-operating indoor units.
      → Insufficient refrigerant oil resulting in compressor damage
- **Piping length:**
  If the piping length is longer than prescribed:
  - The pressure loss will be larger. → Insufficient cooling and heating
  - Too much refrigerant will be charged. → Liquid backs up resulting in compressor damage
  - The refrigerant oil will not return. → Insufficient refrigerant oil resulting in compressor damage
- **Pipe size:**
  - If the pipe size is larger than designated size:
    - The refrigerant flow velocity will drop. Refrigerant oil will not return to the outdoor unit.
      → Insufficient refrigerant oil resulting in compressor damage
    - The refrigerant in liquid pipe will flush easily. → Insufficient cooling and heating
  - If the pipe size is smaller than designated size:
    - The refrigerant volume will drop. → Insufficient cooling and heating
    - The pressure loss will be larger. → Insufficient cooling and heating
- **Indoor unit connected capacity:**
  - If the indoor unit connected capacity is larger than the system capacity:
    - Insufficient system performance. → Insufficient cooling and heating
    - When heating, refrigerant will collect in non-operating indoor units resulting in an insufficient refrigerant volume. → Insufficient cooling and heating
    - The refrigerant oil will not return. → Compressor damage
  - If the indoor unit connected capacity is too small compared to the system capacity:
    - The liquid return will be too great. → Compressor damage
    - The refrigerant will concentrate in the outdoor unit.
      → Continuous operation will become difficult due to the outdoor unit stopping due to high head pressure. Also, excessive noise will be generated by the refrigerant flow when in heating mode.


SYSTEM DESIGN

# ■ In the case of 3 outdoor units are connected




| Limitation | | | Diagram |
|---|---|---|---|
| **Allowable pipe length (Actual pipe length)** | | | |
| Between master outdoor unit and the farthest indoor unit | | 165 m or less | a + b + c |
| Between the first separation tube and farthest indoor unit | | 90 m or less | a |
| (The farthest indoor unit to the first separation tube) - (The nearest indoor unit to the first separation tube) | | 60 m or less | a - g |
| Total pipe length | | 1,000 m or less*2 | Total |
| Between outdoor unit and outdoor unit branch kit | | 3 m or less | c, d, e |
| Between the farthest outdoor unit to the first outdoor unit branch kit | | 12 m or less | d + f, e + f |
| **Allowable height difference** | | | |
| Between outdoor unit and indoor unit | Outdoor unit is higher than indoor unit | 50 m or less | $H_1$ |
| | Outdoor unit is lower than indoor unit — O.T.*3 ≥ -5°C | 40 m or less | |
| | Outdoor unit is lower than indoor unit — O.T.*3 < -5°C | 5 m or less | |
| Between indoor unit | | 15 m or less | $H_2$ |
| Between outdoor unit | | 0.5 m or less | $H_3$ |
| Between RB Units | | 15 m or less | $H_4$ |
| Between RB Unit and indoor unit | | 5 m or less | $H_5$ |

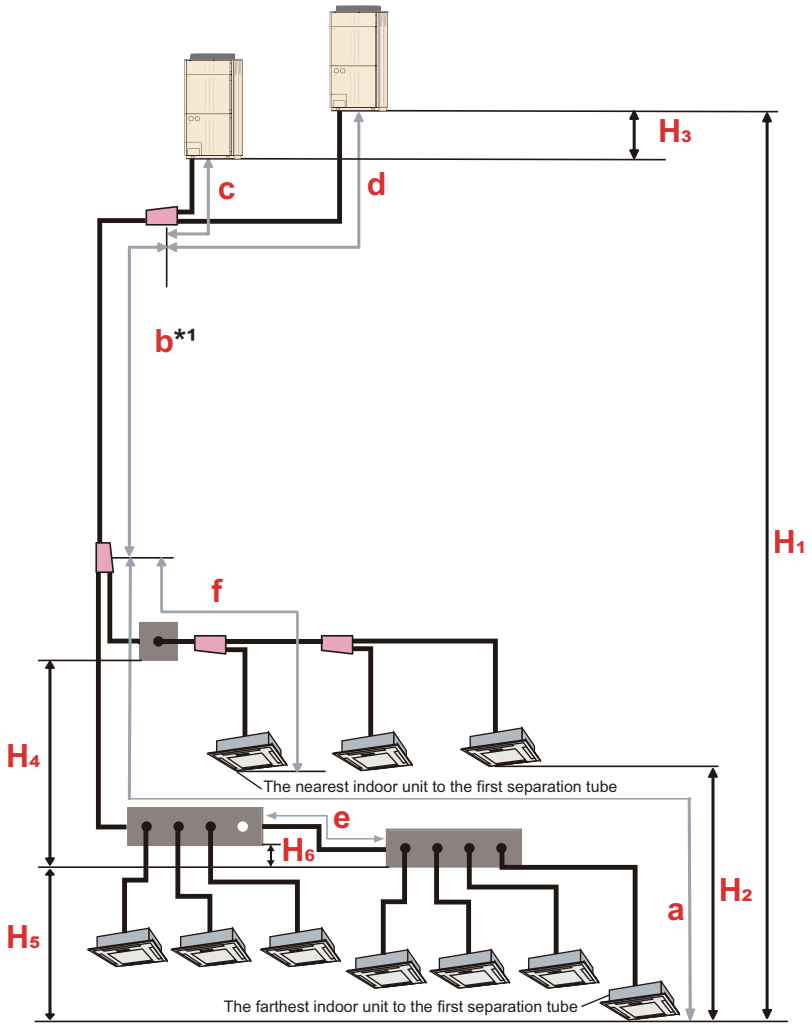
*1: “b” does not have limitation. Set to be 165 m or less in total pipe length of “a + b + c”

*2: Total pipe length is limited by the condition that total refrigerant amount should not exceed 105 kg.

*3: O.T.: Outdoor temperature

**NOTE:** The pipe length between master outdoor unit and the nearest indoor unit is 7.5 m or more.

# ■ In the case of 2 outdoor units are connected




| Limitation | | | Diagram |
|---|---|---|---|
| **Allowable pipe length (Actual pipe length)** | | | |
| Between master outdoor unit and the farthest indoor unit | | 165 m or less | a + b + c |
| Between the first separation tube and farthest indoor unit | | 90 m or less | a |
| (The farthest indoor unit to the first separation tube) - (The nearest indoor unit to the first separation tube) | | 60 m or less | a - f |
| Total pipe length | | 1,000 m or less*2 | Total |
| Between outdoor unit and outdoor unit branch kit | | 3 m or less | c, d |
| Between multi type RB Unit | | 1 m or less | e |
| **Allowable height difference** | | | |
| Between outdoor unit and indoor unit | Outdoor unit is higher than indoor unit | 50 m or less | $H_1$ |
| | Outdoor unit is lower than indoor unit — O.T.*3 ≥ -5°C | 40 m or less | |
| | Outdoor unit is lower than indoor unit — O.T.*3 < -5°C | 5 m or less | |
| Between indoor unit | | 15 m or less | $H_2$ |
| Between outdoor unit | | 0.5 m or less | $H_3$ |
| Between RB Units | | 15 m or less | $H_4$ |
| Between RB Unit and indoor unit | | 5 m or less | $H_5$ |
| Between multi type RB Units | | 0.02 m or less*4 | $H_6$ |

*1: “b” does not have limitation. Set to be 165 m or less in total pipe length of “a + b + c”

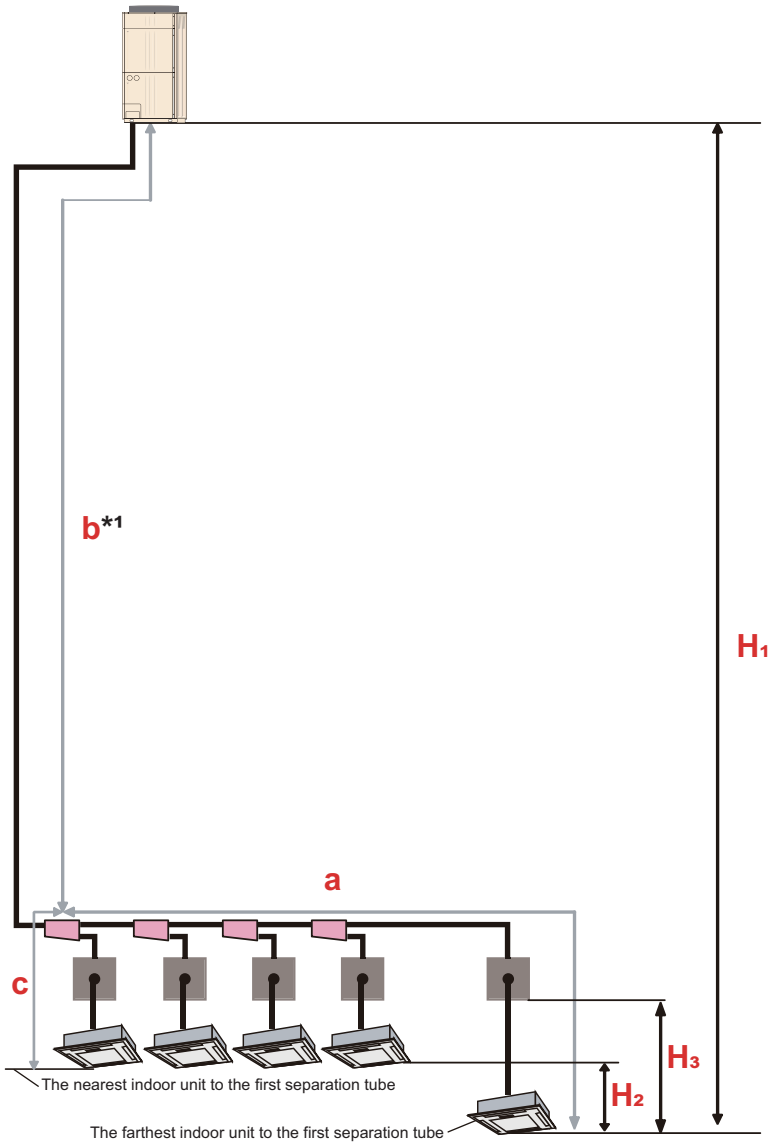
*2: Total pipe length is limited by the condition that total refrigerant amount should not exceed 70 kg.

*3: O.T.: Outdoor temperature

*4: Height of multi type RB Unit by the downstream should be lower than multi type RB Unit by the upstream.

**NOTE:** The pipe length between master outdoor unit and the nearest indoor unit is 7.5 m or more.

# ■ In the case of 1 outdoor unit is connected




| Limitation | | | | Diagram |
|---|---|---|---|---|
| **Allowable pipe length (Actual pipe length)** | | | | |
| Between master outdoor unit and the farthest indoor unit | | | 165 m or less | a + b |
| Between the first separation tube and farthest indoor unit | | | 90 m or less | a |
| (The farthest indoor unit to the first separation tube) - (The nearest indoor unit to the first separation tube) | | | 60 m or less | a - c |
| Total pipe length | | | 700 m or less*2 | Total |
| **Allowable height difference** | | | | |
| Between outdoor unit and indoor unit | Outdoor unit is higher than indoor unit | | 50 m or less | $H_1$ |
| | Outdoor unit is lower than indoor unit | O.T.*3 ≥ -5°C | 40 m or less | |
| | | O.T.*3 < -5°C | 5 m or less | |
| Between indoor unit | | | 15 m or less | $H_2$ |
| Between RB Unit and indoor unit | | | 5 m or less | $H_3$ |

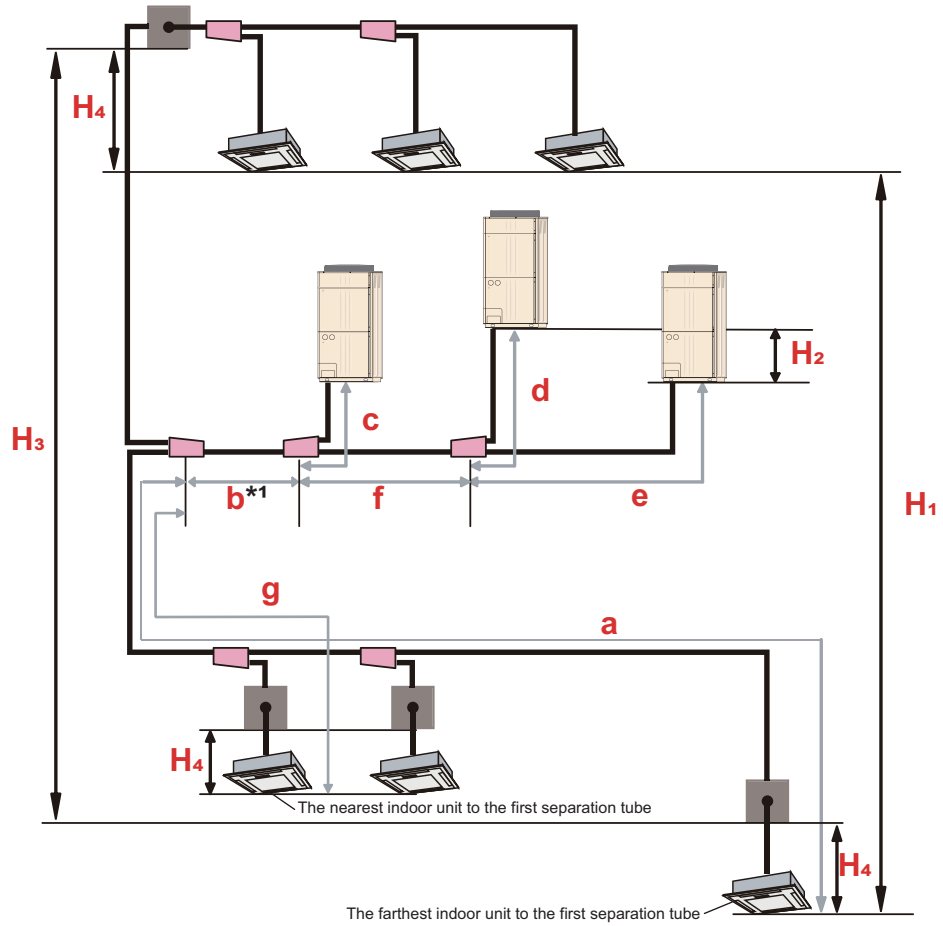
*1: “b” does not have limitation. Set to be 165 m or less in total pipe length of “a + b”

*2: Total pipe length is limited by the condition that total refrigerant amount should not exceed 35 kg.

*3: O.T.: Outdoor temperature

**NOTE:** The pipe length between master outdoor unit and the nearest indoor unit is 7.5 m or more.

## ■ In the case of indoor units are connected to both of higher side and lower side than the outdoor units




| Limitation | | Diagram |
|---|---|---|
| **Allowable pipe length (Actual pipe length)** | | |
| Between master outdoor unit and the farthest indoor unit | 165 m or less | a + b + c |
| Between the first separation tube and farthest indoor unit | 90 m or less | a |
| (The farthest indoor unit to the first separation tube) - (The nearest indoor unit to the first separation tube) | 60 m or less | a - g |
| Total pipe length | 1,000 m or less*2 | Total |
| Between outdoor unit and outdoor unit branch kit | 3 m or less | c, d, e |
| Between the farthest outdoor unit to the first outdoor unit branch kit | 12 m or less | d + f, e + f |
| **Allowable height difference** | | |
| Between indoor unit | 15 m or less | $H_1$ |
| Between outdoor unit | 0.5 m or less | $H_2$ |
| Between RB Unit | 15 m or less | $H_3$ |
| Between RB Unit and indoor unit | 5 m or less | $H_4$ |

*1: “b” does not have limitation. Set to be 165 m or less in total pipe length of “a + b + c”

*2: Total pipe length is limited by the condition that total refrigerant amount should not exceed 105 kg.

*3: O.T.: Outdoor temperature

**NOTE:** The pipe length between master outdoor unit and the nearest indoor unit is 7.5 m or more.


SYSTEM DESIGN

# 2-3. Pipe size

After referring to cooling capacity table below, select each Pipe size, Separation Tube, and Header from the cooling capacity of outdoor unit and indoor unit connected in the system.

**NOTE:** For pipe diameter, material, and wall thickness, refer to "Important items when using refrigerant (R410A)" on page 06-52.

## ■ Cooling capacity table

### ● Outdoor unit

- **Space saving combination**

| HP | Cooling capacity (kW) | Set model name | Model name | | | Maximum number of connectable indoor units |
|---|---|---|---|---|---|---|
| | | | Unit 1 | Unit 2 | Unit 3 | |
| 18 | 50.4 | AJ✳162GALDH | AJ✳090GALDH | AJ✳072GALDH | — | 39 |
| 20 | 56.0 | AJ✳180GALDH | AJ✳090GALDH | AJ✳090GALDH | — | 43 |
| 22 | 61.5 | AJ✳198GALDH | AJ✳108GALDH | AJ✳090GALDH | — | 47 |
| 24 | 67.0 | AJ✳216GALDH | AJ✳108GALDH | AJ✳108GALDH | — | 52 |
| 26 | 73.0 | AJ✳234GALDH | AJ✳144GALDH | AJ✳090GALDH | — | 56 |
| 28 | 78.5 | AJ✳252GALDH | AJ✳144GALDH | AJ✳108GALDH | — | 60 |
| 30 | 85.0 | AJ✳270GALDH | AJ✳144GALDH | AJ✳126GALDH | — | 64 |
| 32 | 90.0 | AJ✳288GALDH | AJ✳144GALDH | AJ✳144GALDH | — | 64 |
| 34 | 95.0 | AJ✳306GALDH | AJ✳108GALDH | AJ✳108GALDH | AJ✳090GALDH | 64 |
| 36 | 100.5 | AJ✳324GALDH | AJ✳108GALDH | AJ✳108GALDH | AJ✳108GALDH | 64 |
| 38 | 106.5 | AJ✳342GALDH | AJ✳144GALDH | AJ✳108GALDH | AJ✳090GALDH | 64 |
| 40 | 112.0 | AJ✳360GALDH | AJ✳144GALDH | AJ✳108GALDH | AJ✳108GALDH | 64 |
| 42 | 118.0 | AJ✳378GALDH | AJ✳144GALDH | AJ✳144GALDH | AJ✳090GALDH | 64 |
| 44 | 123.5 | AJ✳396GALDH | AJ✳144GALDH | AJ✳144GALDH | AJ✳108GALDH | 64 |
| 46 | 130.0 | AJ✳414GALDH | AJ✳144GALDH | AJ✳144GALDH | AJ✳126GALDH | 64 |
| 48 | 135.0 | AJ✳432GALDH | AJ✳144GALDH | AJ✳144GALDH | AJ✳144GALDH | 64 |

- **Energy efficiency combination**

| HP | Cooling capacity (kW) | Set model name | Model name | | | Maximum number of connectable indoor units |
|---|---|---|---|---|---|---|
| | | | Unit 1 | Unit 2 | Unit 3 | |
| 16 | 44.8 | AJ✳144GALDHH | AJ✳072GALDH | AJ✳072GALDH | — | 34 |
| 22 | 62.4 | AJ✳198GALDHH | AJ✳126GALDH | AJ✳072GALDH | — | 47 |
| 24 | 67.2 | AJ✳216GALDHH | AJ✳072GALDH | AJ✳072GALDH | AJ✳072GALDH | 52 |
| 26 | 72.8 | AJ✳234GALDHH | AJ✳090GALDH | AJ✳072GALDH | AJ✳072GALDH | 56 |
| 28 | 78.4 | AJ✳252GALDHH | AJ✳090GALDH | AJ✳090GALDH | AJ✳072GALDH | 60 |
| 30 | 84.0 | AJ✳270GALDHH | AJ✳090GALDH | AJ✳090GALDH | AJ✳090GALDH | 64 |
| 32 | 90.4 | AJ✳288GALDHH | AJ✳126GALDH | AJ✳090GALDH | AJ✳072GALDH | 64 |
| 34 | 96.0 | AJ✳306GALDHH | AJ✳126GALDH | AJ✳090GALDH | AJ✳090GALDH | 64 |
| 36 | 102.4 | AJ✳324GALDHH | AJ✳126GALDH | AJ✳126GALDH | AJ✳072GALDH | 64 |
| 38 | 108.0 | AJ✳342GALDHH | AJ✳126GALDH | AJ✳126GALDH | AJ✳090GALDH | 64 |
| 40 | 113.0 | AJ✳360GALDHH | AJ✳144GALDH | AJ✳126GALDH | AJ✳090GALDH | 64 |
| 42 | 120.0 | AJ✳378GALDHH | AJ✳126GALDH | AJ✳126GALDH | AJ✳126GALDH | 64 |
| 44 | 125.0 | AJ✳396GALDHH | AJ✳144GALDH | AJ✳126GALDH | AJ✳126GALDH | 64 |


SYSTEM DESIGN

## ● Indoor unit

| Type | Rated capacity (kW) | | Model name | Dimensions (H × W × D): mm | Remarks |
|---|---|---|---|---|---|
| | Cooling | Heating | | Pipe size: mm (in) | |
| Compact cassette | 1.1 | 1.3 | AUXB004GLEH | 245 × 570 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | Cassette Grille:<br>UTG-UF∗E-W<br>UTG-UF∗C-W |
| | 2.2 | 2.8 | AUXB007GLEH | | |
| | 2.8 | 3.2 | AUXB009GLEH | | |
| | 3.6 | 4.1 | AUXB012GLEH | 245 × 570 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | AUXB014GLEH | | |
| | 5.6 | 6.3 | AUXB018GLEH | | |
| | 7.1 | 8.0 | AUXB024GLEH | 245 × 570 × 570<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| 4-way flow cassette | 5.6 | 6.3 | AUXD18GALH | 246 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | Cassette Grille:<br>UTG-UG∗A-W |
| | 7.1 | 8.0 | AUXD24GALH | | |
| | 5.6 | 6.3 | AUXA18GALH | 288 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 7.1 | 8.0 | AUXA24GALH | | |
| | 9.0 | 10.0 | AUXA30GALH | | |
| | 10.0 | 11.2 | AUXA34GALH | | |
| | 11.2 | 12.5 | AUXA36GALH | 288 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø19.05 (Ø3/4) | |
| | 12.5 | 14.0 | AUXA45GALH | | |
| | 14.0 | 16.0 | AUXA54GALH | | |
| Circular flow cassette | 5.6 | 6.3 | AUXM018GLEH | 246 × 840 × 840<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | Cassette Grille:<br>UTG-UK∗C-W<br>UTG-UK∗A-B |
| | 7.1 | 8.0 | AUXM024GLEH | 246 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | AUXM030GLEH | | |
| | 5.6 | 6.3 | AUXK018GLEH | 288 × 840 × 840<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | AUXK024GLEH | 288 × 840 × 840<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | AUXK030GLEH | | |
| | 10.0 | 11.2 | AUXK034GLEH | | |
| | 11.2 | 12.5 | AUXK036GLEH | | |
| | 12.5 | 14.0 | AUXK045GLEH | | |
| | 14.0 | 16.0 | AUXK054GLEH | | |
| 3D flow cassette | 5.6 | 6.3 | AUXS018GLEH | 200 × 1,240 × 500<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | Cassette Grille:<br>UTG-US∗A-W |
| | 7.1 | 8.0 | AUXS024GLEH | 200 × 1,240 × 500<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |



SYSTEM DESIGN

| Type | Rated capacity (kW) | | Model name | Dimensions (H × W × D): mm | Remarks |
|---|---|---|---|---|---|
| | Cooling | Heating | | Pipe size: mm (in) | |
| One way flow cassette | 1.1 | 1.3 | AUXV004GLEH | 198 × 785 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | Cassette Grille: UTG-UN∗A-W |
| | 2.2 | 2.8 | AUXV007GLEH | | |
| | 2.8 | 3.2 | AUXV009GLEH | | |
| | 3.6 | 4.0 | AUXV012GLEH | 198 × 785 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | AUXV014GLEH | 198 × 1,190 × 570<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | Cassette Grille: UTG-UN∗B-W |
| | 5.6 | 6.3 | AUXV018GLEH | | |
| | 7.1 | 8.0 | AUXV024GLEH | 198 × 1,190 × 570<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Low static pressure duct (Mini duct) | 1.1 | 1.3 | ARXK004GLGH | 198 × 700 × 450<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.2 | 2.8 | ARXK007GLGH | | |
| | 2.8 | 3.2 | ARXK009GLGH | | |
| | 3.6 | 4.0 | ARXK012GLGH | 198 × 700 × 450<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | ARXK014GLGH | | |
| | 5.6 | 6.3 | ARXK018GLGH | 198 × 900 × 450<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | ARXK024GLGH | 198 × 1,100 × 450<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Low static pressure duct (Slim duct) /Slim concealed floor | 2.2 | 2.8 | ARXD007GLEH | 198 × 700 × 620<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.8 | 3.2 | ARXD009GLEH | | |
| | 3.6 | 4.0 | ARXD012GLEH | 198 × 700 × 620<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | ARXD014GLEH | | |
| | 5.6 | 6.3 | ARXD018GLEH | 198 × 900 × 620<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | ARXD024GLEH | 198 × 1,100 × 620<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Low static pressure duct (High efficiency) | 5.6 | 6.3 | ARXP018GLFH | 270 × 1,135 × 700<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 9.0 | 10.0 | ARXP030GLFH | 270 × 1,135 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Medium static pressure duct | 7.1 | 8.0 | ARXA024GLEH | 270 × 1,135 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | ARXA030GLEH | | |
| | 11.2 | 12.5 | ARXA036GLEH | | |
| | 12.5 | 14.0 | ARXA045GLEH | | |


SYSTEM DESIGN

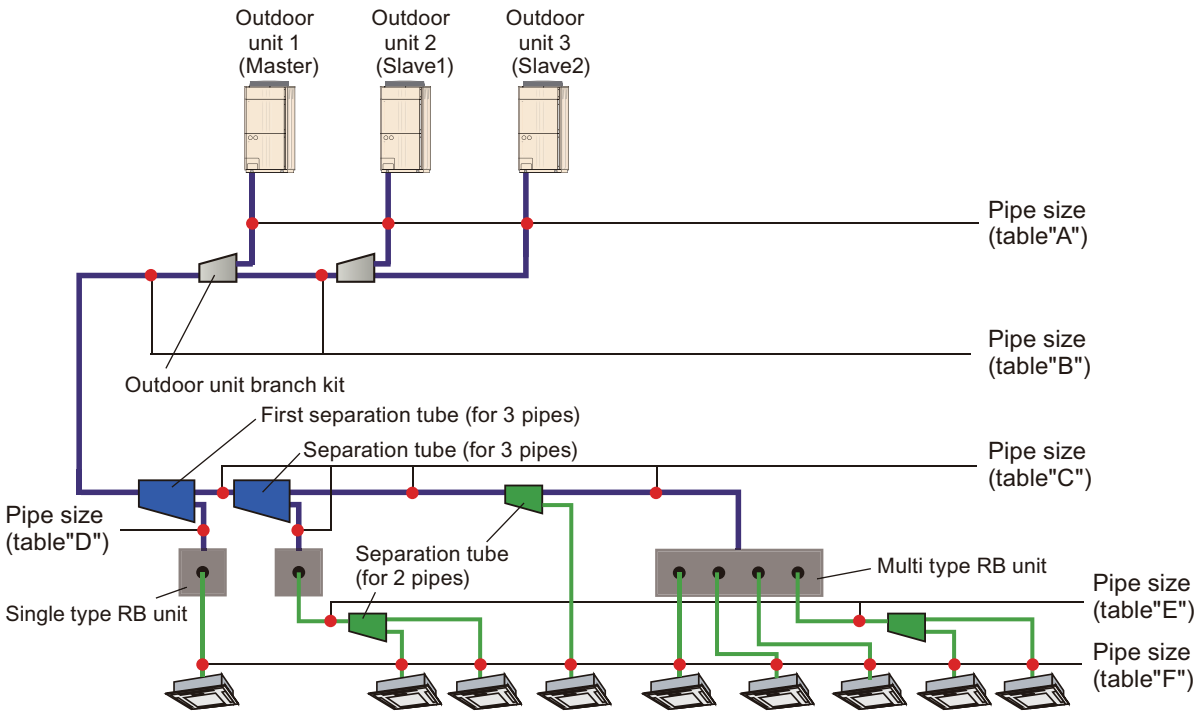
| Type | Rated capacity (kW) | | Model name | Dimensions (H × W × D): mm | Remarks |
|---|---|---|---|---|---|
| | Cooling | Heating | | Pipe size: mm (in) | |
| High static pressure duct | 11.2 | 12.5 | ARXC036GTEH | 400 × 1,050 × 500<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 12.5 | 14.0 | ARXC045GTEH | | |
| | 18.0 | 20.0 | ARXC060GTEH | | |
| | 22.4 | 25.0 | ARXC072GTEH | 450 × 1,587 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø19.05 (Ø3/4) | |
| | 25.0 | 28.0 | ARXC090GTEH | | |
| | 28.0 | 31.5 | ARXC096GTEH | 550 × 1,587 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø22.22 (Ø7/8) | |
| Compact floor | 1.1 | 1.3 | AG∗A004GCGH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.2 | 2.8 | AG∗A007GCGH | | |
| | 2.8 | 3.2 | AG∗A009GCGH | | |
| | 3.6 | 4.0 | AG∗A012GCGH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.0 | 4.5 | AG∗A014GCGH | | |
| Compact floor (EEV external) | 1.1 | 1.3 | AG∗E004GCEH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | EV Kit: UTR-EV09XB |
| | 2.2 | 2.8 | AG∗E007GCEH | | |
| | 2.8 | 3.2 | AG∗E009GCEH | | |
| | 3.6 | 4.0 | AG∗E012GCEH | 600 × 740 × 200<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | EV Kit: UTR-EV14XB |
| | 4.0 | 4.5 | AG∗E014GCEH | | |
| Floor/Ceiling | 3.6 | 4.0 | AB∗A012GTEH | 199 × 990 × 655<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.5 | 5.0 | AB∗A014GTEH | | |
| | 5.6 | 6.3 | AB∗A018GTEH | | |
| | 7.1 | 8.0 | AB∗A024GTEH | 199 × 990 × 655<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| Ceiling | 9.0 | 10.0 | AB∗A030GTEH | 240 × 1,660 × 700<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 11.2 | 12.5 | AB∗A036GTEH | | |
| | 12.5 | 14.0 | AB∗A045GTEH | | |
| | 14.0 | 16.0 | AB∗A054GTEH | | |
| Wall mounted | 1.1 | 1.3 | AS∗A004GCGH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | |
| | 2.2 | 2.8 | AS∗A007GCGH | | |
| | 2.8 | 3.2 | AS∗A009GCGH | | |
| | 3.6 | 4.0 | AS∗A012GCGH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 4.0 | 4.5 | AS∗A014GCGH | | |
| | 5.6 | 6.3 | AS∗A18GBCH | 320 × 998 × 238<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | |
| | 7.1 | 8.0 | AS∗A24GBCH | 320 × 998 × 238<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 9.0 | 10.0 | AS∗A030GTEH | 340 × 1,150 × 280<br>Liquid: Ø9.52 (Ø3/8)<br>Gas: Ø15.88 (Ø5/8) | |
| | 10.0 | 11.2 | AS∗A034GTEH | | |
| Wall mounted (EEV external) | 1.1 | 1.3 | AS∗E004GCEH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø9.52 (Ø3/8) | EV Kit: UTR-EV09XB |
| | 2.2 | 2.8 | AS∗E007GCEH | | |
| | 2.8 | 3.2 | AS∗E009GCEH | | |
| | 3.6 | 4.0 | AS∗E012GCEH | 268 × 840 × 203<br>Liquid: Ø6.35 (Ø1/4)<br>Gas: Ø12.70 (Ø1/2) | EV Kit: UTR-EV14XB |
| | 4.0 | 4.5 | AS∗E014GCEH | | |



SYSTEM DESIGN

# ■ Pipe size selection

Use the following tables to select the Refrigeration Pipe Size, Separation Tube and Header.




- **Pipe size table "A"**
  Between Outdoor unit and Outdoor Unit Branch Kit

| HP | Outdoor unit model code | Outdoor unit cooling capacity | Outside diameter | | |
|---|---|---|---|---|---|
| | | | Liquid pipe | Discharge gas pipe | Suction gas pipe |
| | | kW | mm (in) | | |
| 8 | 72 | 22.4 | 12.70 (1/2) | 15.88 (5/8) | 22.22 (7/8) |
| 10 | 90 | 28.0 | 12.70 (1/2) | 19.05 (3/4) | 22.22 (7/8) |
| 12 | 108 | 33.5 | 12.70 (1/2) | 19.05 (3/4) | 28.58 (1-1/8) |
| 14 | 126 | 40.0 | 12.70 (1/2) | 22.22 (7/8) | 28.58 (1-1/8) |
| 16 | 144 | 45.0 | 12.70 (1/2) | 22.22 (7/8) | 28.58 (1-1/8) |


SYSTEM DESIGN

- **Pipe size table “B”**
  Between Outdoor Unit Branch Kits, or Outdoor Unit Branch Kit and first Separation Tube

| Total cooling capacity of outdoor unit | Outside diameter | | |
|---|---|---|---|
| | Liquid pipe | Discharge gas pipe | Suction gas pipe |
| kW | mm (in) | | |
| 22.4 | 12.70 (1/2) | 15.88 (5/8) | 22.22 (7/8) |
| 22.5 to 28.0 | 12.70 (1/2) | 19.05 (3/4) | 22.22 (7/8) |
| 28.1 to 33.5 | 12.70 (1/2) | 19.05 (3/4) | 28.58 (1-1/8) |
| 33.6 to 45.0 | 12.70 (1/2) | 22.22 (7/8) | 28.58 (1-1/8) |
| 45.1 to 56.0 | 15.88 (5/8) | 22.22 (7/8) | 28.58 (1-1/8) |
| 56.1 to 78.5 | 15.88 (5/8) | 28.58 (1-1/8) | 34.92 (1-3/8) |
| 78.6 to 96.0 | 19.05 (3/4) | 28.58 (1-1/8) | 34.92 (1-3/8) |
| 96.1 to 102.4 | 19.05 (3/4) | 28.58 (1-1/8) | 41.27 (1-5/8) |
| 102.5 or more | 19.05 (3/4) | 34.92 (1-3/8) | 41.27 (1-5/8) |

**NOTE:** Discharge gas pipe size selection:
In the case of discharge gas pipe is not separated, pipe diameter is different between pipes which come from outdoor unit side and connected to RB Unit. Thinner piping diameter should be selected.

- **Pipe size table “C”**
  Between Separation Tubes, or Separation Tube and first RB Unit
  In the case of some indoor units are connected in the downstream of Separation Tube

| Total cooling capacity of indoor unit | Outside diameter | | |
|---|---|---|---|
| | Liquid pipe | Discharge gas pipe | Suction gas pipe |
| kW | mm (in) | | |
| 2.2 to 11.1 | 9.52 (3/8) | 12.70 (1/2) | 15.88 (5/8) |
| 11.2 to 13.9 | 9.52 (3/8) | 12.70 (1/2) | 19.05 (3/4) |
| 14.0 to 22.3 | 12.70 (1/2) | 15.88 (5/8) | 22.22 (7/8) |
| 22.4 to 28.0 | 12.70 (1/2) | 19.05 (3/4) | 22.22 (7/8) |
| 28.1 to 44.7 | 12.70 (1/2) | 19.05 (3/4) | 28.58 (1-1/8) |
| 44.8 to 46.9 | 15.88 (5/8) | 19.05 (3/4) | 28.58 (1-1/8) |
| 47.0 to 56.0 | 15.88 (5/8) | 22.22 (7/8) | 28.58 (1-1/8) |
| 56.1 to 80.0 | 15.88 (5/8) | 28.58 (1-1/8) | 34.92 (1-3/8) |
| 80.1 to 95.0 | 19.05 (3/4) | 28.58 (1-1/8) | 34.92 (1-3/8) |
| 95.1 or more | 19.05 (3/4) | 28.58 (1-1/8) | 41.27 (1-5/8) |

**NOTES:**

- If the selected pipe diameter between Separation Tubes (based on the table “C”) becomes larger than the pipe diameter between Outdoor Unit Branch Kit and the first Separation Tube (base on the table “B”), select the pipe whose diameter is equal to the one between Outdoor Unit Branch Kit and the first Separation Tube.

  **(If pipe diameter C > B, select pipe size from table B)**

- Discharge gas pipe size selection:
  – In the case of cooling only type indoor unit is connected, it calculates with the value except capacity of cooling only type indoor unit.
  – In the case of discharge gas pipe is not separated, pipe diameter is different between pipes which come from outdoor unit side and connected to RB Unit. Thinner piping diameter should be selected.


SYSTEM DESIGN

- **Pipe size table “D”**
  Between Separation Tube and RB Unit
  In the case of 1 indoor unit is connected in the downstream of Separation Tube

| Indoor unit model code | Indoor unit cooling capacity | Outside diameter | | |
|---|---|---|---|---|
| | | Liquid pipe | Discharge gas pipe | Suction gas pipe |
| | kW | mm (in) | | |
| 04,07, 09, 12, 14 | 1.1,2.2, 2.8, 3.6, 4.5 | 6.35 (1/4) | 9.52 (3/8) | 12.70 (1/2) |
| 18, 24, 30, 34 | 5.6, 7.1, 8.0, 9.0, 10.0 | 9.52 (3/8) | 12.70 (1/2) | 15.88 (5/8) |
| 36, 45, 54 | 11.2, 12.5, 14.0 | 9.52 (3/8) | 12.70 (1/2) | 19.05 (3/4) |
| 60 | 18.0 | 9.52 (3/8) | 15.88 (5/8) | 19.05 (3/4) |
| 72, 90, 96 | 22.4, 25.0, 28.0 | 12.70 (1/2) | 19.05 (3/4) | 22.22 (7/8) |

- **Pipe size table “E”**
  Between Separation Tubes, or RB Unit and Separation Tube

| Total cooling capacity of indoor unit | Outside diameter | |
|---|---|---|
| | Liquid pipe | Gas pipe |
| kW | mm (in) | |
| 2.2 to 11.1 | 9.52 (3/8) | 15.88 (5/8) |
| 11.2 to 13.9 | 9.52 (3/8) | 19.05 (3/4) |
| 14.0 to 19.6 | 12.70 (1/2) | 19.05 (3/4) |
| 19.7 to 28.0 | 12.70 (1/2) | 22.22 (7/8) |
| 28.1 to 44.7 | 12.70 (1/2) | 28.58 (1-1/8) |
| 44.8 to 56.0 | 15.88 (5/8) | 28.58 (1-1/8) |
| 56.1 to 80.0 | 15.88 (5/8) | 34.92 (1-3/8) |
| 80.1 to 95.0 | 19.05 (3/4) | 34.92 (1-3/8) |
| 95.1 or more | 19.05 (3/4) | 41.27 (1-5/8) |

**NOTE:** If the selected pipe diameter base on table “E” becomes larger than the pipe diameter base on the table “C”, select the pipe whose diameter is equal to the table “C”. Gas pipe of table “E” should be compared with suction gas pipe of table “C”.

**(If pipe diameter E > C, select pipe size from table C)**

- **Pipe size table “F”**
  Between Separation Tube and indoor unit, or RB Unit and indoor unit

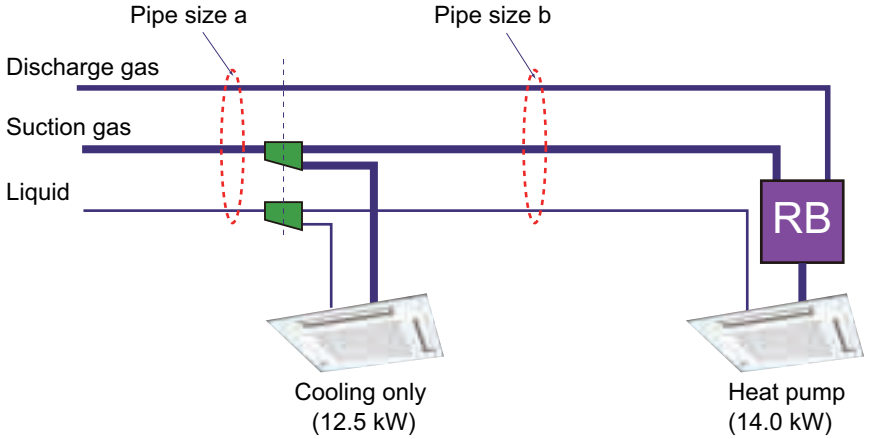
| Indoor unit model code | Indoor unit cooling capacity | Outside diameter | |
|---|---|---|---|
| | | Liquid pipe | Gas pipe |
| | kW | mm (in) | |
| 04,07, 09, 12, 14 | 1.1,2.2, 2.8, 3.6, 4.5 | 6.35 (1/4) | 12.70 (1/2) |
| 18, 24, 30, 34 | 5.6, 7.1, 8.0, 9.0, 10.0 | 9.52 (3/8) | 15.88 (5/8) |
| 36, 45, 54 | 11.2, 12.5, 14.0 | 9.52 (3/8) | 19.05 (3/4) |
| 60 | 18.0 | 9.52 (3/8) | 19.05 (3/4) |
| 72, 90, 96 | 22.4, 25.0, 28.0 | 12.70 (1/2) | 22.22 (7/8) |


SYSTEM DESIGN

# ■ Notes in the case of connecting cooling only indoor unit

- **Pipe size**
  Only for discharge gas pipe.
  – When cooling only type indoor unit is connected, it calculates with the value except capacity of cooling only type indoor unit.
  – In the case of discharge gas pipe is not separated, pipe diameter is different between pipes which come from outdoor unit side and connected to RB Unit. Thinner pipe diameter should be selected.

Example:



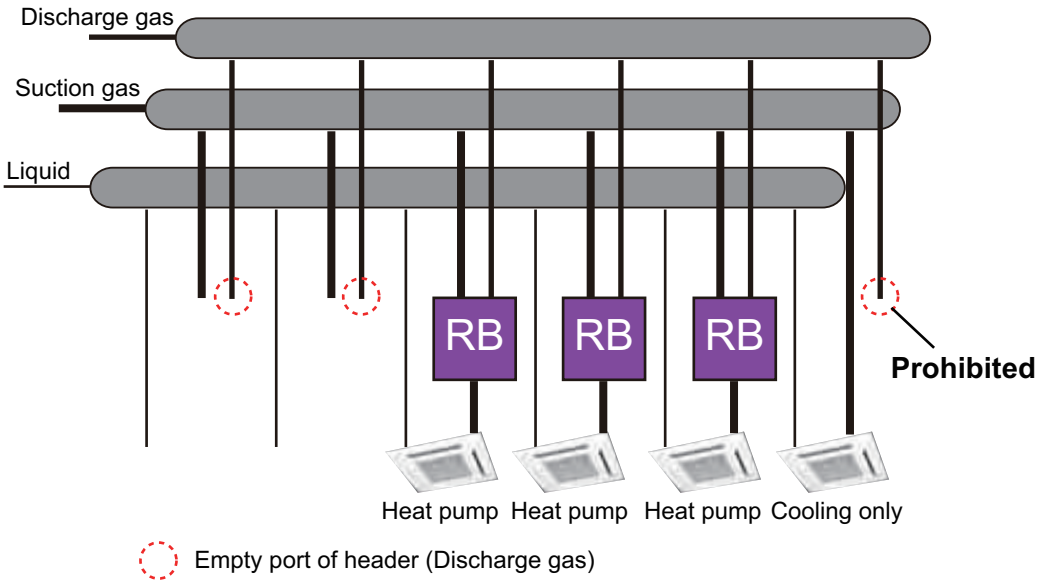

| Pipe | Pipe size a | Pipe size b |
|---|---|---|
| Discharge gas pipe | 19.05 → **12.70** | **12.70** |
| Suction gas pipe | 22.22 | 19.05 |
| Liquid pipe | 12.70 | 9.52 |

**NOTE:** Since discharge gas pipe may be selected same pipe size as liquid pipe, be careful of a connection mistake.

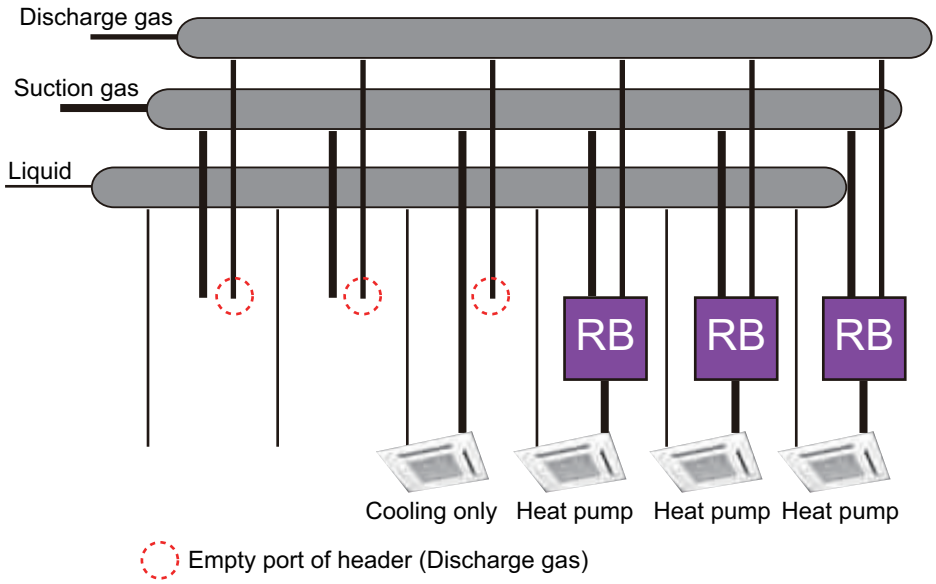

SYSTEM DESIGN

- **Installation of Header**
  - Do not connected cooling only type indoor unit to the farthest port of Header.

**Example (Prohibited)**




**Example (OK)**




  - When all indoor units connected to Header are cooling only type, use Header for 2 pipes.


SYSTEM DESIGN

# ■ Optional parts selection

## ● Outdoor unit

- **Outdoor Unit Branch Kit**

| System | Model name | Quantity |
|---|---|---|
| 2 outdoor unit | UTP-DX567A | 1 |
| 3 outdoor unit | | 2 |

When using single outdoor unit, Outdoor Unit Branch Kit is not necessary.

## ● Indoor unit

- **EV Kit**

| Model | Applicable indoor unit | |
|---|---|---|
| | Type | Model |
| UTR-EV09XB | Wall mounted | AS∗E004GCEH, AS∗E007GCEH, AS∗E009GCEH |
| | Compact floor | AG∗E004GCEH, AG∗E007GCEH, AG∗E009GCEH |
| UTR-EV14XB | Wall mounted | AS∗E012GCEH, AS∗E014GCEH |
| | Compact floor | AG∗E012GCEH, AG∗E014GCEH |

- **RB Unit**

| Total cooling capacity of indoor unit (kW) | Model name |
|---|---|
| 8.0 or less | UTP-RX01AH |
| 18.0 or less | UTP-RX01BH |
| 28.0 or less | UTP-RX01CH |
| 18.0 or less (For 1 branch)<br>56.0 or less (Sum total of 4 branches)* | UTP-RX04BH |
| 8.0 or less (For 1 branch)<br>72.0 or less (Sum total of 8 branches) | UTP-RX08AH |
| 8.0 or less (For 1 branch)<br>95.0 or less (Sum total of 12 branches) | UTP-RX12AH |

*: In case of two RB Units connected in the series (total 8 branches), maximum capacity of connectable indoor units is up to 56.0 kW.

- **Separation Tube**

| Total cooling capacity of indoor unit (kW) | Model name | |
|---|---|---|
| | For 2 pipes | For 3 pipes |
| 19.6 or less | UTP-AX054A | — |
| 28.0 or less | UTP-AX090A | UTP-BX090A |
| 28.1 to 56.0 | UTP-AX180A | UTP-BX180A |
| 56.1 or more | UTP-AX567A | UTP-BX567A |

- **Separation Tube for RB Unit**

| Total cooling capacity of indoor unit (kW) | Model name |
|---|---|
| 8.0 or less | — |
| 8.1 to 18.0 | UTP-EX060A |
| 18.1 to 28.0 | UTP-EX096A |


SYSTEM DESIGN

- **Header**

| Total cooling capacity of indoor units (kW) | For 2 pipes | | For 3 pipes | |
|---|---|---|---|---|
| | 3 to 6 Branches | 3 to 8 Branches | 3 to 6 Branches | 3 to 8 Branches |
| 28.0 or less | UTR-H0906L | UTR-H0908L | UTP-J0906A | UTP-J0908A |
| 28.1 to 56.0 | UTR-H1806L | UTR-H1808L | UTP-J1806A | UTP-J1808A |



SYSTEM DESIGN

# 2-4. Selection of pipe heat insulating material

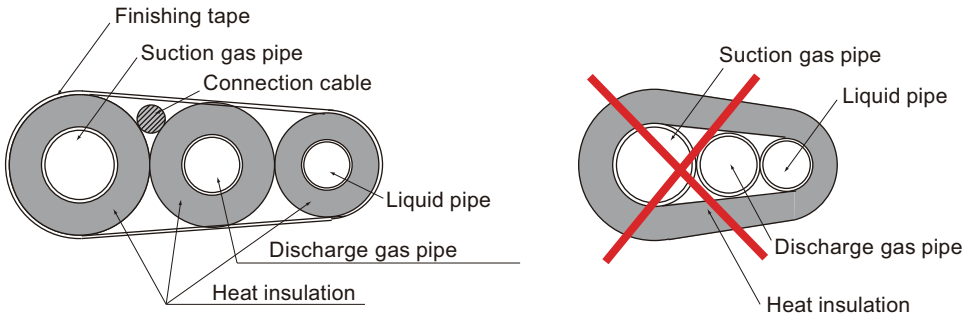
Always insulate the refrigerant pipe to prevent condensation and water droplets by the refrigerant pipe. For selection of pipe heat insulating material, refer to following items.

- Decide the thickness of the heat insulating material by referring to the recommended minimum thickness in Table 1. (For installation condition T = 32 °CDB), humidity ≤ 70%, humidity ≤ 75%, humidity ≤ 80%, humidity ≤ 85%)

  Table 1. Size of refrigerant pipe and recommended minimum thickness of heat insulating material
  In case a heat insulating material which thermal conductivity is equal to or less than 0.040 W/(m•k) is used.
  – Recommended minimum thickness for heat insulating material (mm)

| Relative humidity | | ≤ 70% | ≤ 75% | ≤ 80% | ≤ 85% |
|---|---|---|---|---|---|
| Refrigerant pipe outside diameter (mm [in]) | 6.35 (1/4) | 8 | 10 | 13 | 17 |
| | 9.52 (3/8) | 9 | 11 | 14 | 18 |
| | 12.70 (1/2) | 10 | 12 | 15 | 19 |
| | 15.88 (5/8) | 10 | 12 | 16 | 20 |
| | 19.05 (3/4) | 10 | 13 | 16 | 21 |
| | 22.22 (7/8) | 11 | 13 | 17 | 22 |
| | 28.58 (1-1/8) | 11 | 14 | 18 | 23 |
| | 34.92 (1-3/8) | 11 | 14 | 18 | 24 |
| | 41.27 (1-5/8) | 12 | 15 | 19 | 25 |

- When the outdoor unit is installed in a higher position than the indoor unit, fill the connecting part gap with putty, etc. to prevent the dew condensation water of the valve of the outdoor unit from flowing to the indoors from the gap between the pipe and the heat insulating material.
- Liquid pipe and gas pipe should be completely insulated with same specification.
- Water may leak from the refrigerant lines if the insulation is not completely sealed.
- In application where the ambient temperature and humidity exceed 32 °CDB and 85% relative humidity, increase the size of the pipe insulation. It may also be necessary to insulate the indoor unit casing. Condensation may form on the insulation in these conditions if the thickness of the insulation is not increased.
- Since the gas line gets very hot during heating operation, select a pipe insulating material rated for at least 120 °C.




- Make sure that pipe is covered completely by the heat insulation, not exposing to air. Inadequate heat insulation may cause condensation.
- Do not cover heat insulation gas and liquid pipes together as figure below. It may cause condensation and capacity drop by heat loss.


SYSTEM DESIGN

# 2-5. Additional charge calculation

**NOTES:**

- The outdoor unit is charged refrigerant at the factory.
- Additional refrigerant required to be charged on site depending on pipe length and outdoor unit model.
- The additional refrigerant charge is calculated according to the following formula.
- The overall refrigerant amount should not exceed 30 kg per outdoor unit.
- Round up the calculated result to two decimal places.

## ■ Calculation formula

- **Calculation of additional amount for outdoor unit (A)**

| Model name | HP | a: Additional amount for outdoor unit (kg) |
|---|---|---|
| AJ∗072GALDH | 8 | 3.00 |
| AJ∗090GALDH | 10 | 3.00 |
| AJ∗108GALDH | 12 | 3.00 |
| AJ∗126GALDH | 14 | 6.80 |
| AJ∗144GALDH | 16 | 6.80 |

| A = | a: Outdoor unit 1 Additional amount for outdoor unit | + | a: Outdoor unit 2 Additional amount for outdoor unit | + | a: Outdoor unit 3 Additional amount for outdoor unit | = | Total |
|---|---|---|---|---|---|---|---|
| | kg | | kg | | kg | | kg |

- **Calculation of additional amount for pipe length (B)**

| Diameter of liquid pipe (mm) | b: Additional amount for pipe length (kg/m) |
|---|---|
| Ø6.35 | 0.021 |
| Ø9.52 | 0.058 |
| Ø12.70 | 0.114 |
| Ø15.88 | 0.178 |
| Ø19.05 | 0.268 |

| B = | Total length of Ø19.05 mm liquid pipe | b: × 0.268 kg/m | + | Total length of Ø15.88 mm liquid pipe | b: × 0.178 kg/m | + | Total length of Ø12.70 mm liquid pipe | b: × 0.114 kg/m | + |
|---|---|---|---|---|---|---|---|---|---|
| | m | | | m | | | m | | |
| | kg | | | kg | | | kg | | |

| Total length of Ø9.52 mm liquid pipe | b: × 0.058 kg/m | + | Total length of Ø6.35 mm liquid pipe | b: × 0.021 kg/m | = | Total |
|---|---|---|---|---|---|---|
| m | | | m | | | kg |
| kg | | | kg | | | |


SYSTEM DESIGN

- **Calculation of additional charge refrigerant (C)**

C = A + B = [ kg ] Round up C to 2 decimal places.

- **Calculation of additional charge refrigerant (D)**

| Model name | HP | d: Factory charge amount (kg) |
|---|---|---|
| AJ∗072GALDH | 8 | 11.80 |
| AJ∗090GALDH | 10 | 11.80 |
| AJ∗108GALDH | 12 | 11.80 |
| AJ∗126GALDH | 14 | 11.80 |
| AJ∗144GALDH | 16 | 11.80 |

| D = | d: Outdoor unit 1 Factory charge amount | + | d: Outdoor unit 2 Factory charge amount | + | d: Outdoor unit 3 Factory charge amount | = | Total |
|---|---|---|---|---|---|---|---|
| | kg | | kg | | kg | | kg |

- **Total refrigerant amount check (E)**

E = C + D = [ kg ]

**NOTES:**

- Check the total refrigerant amount under the following conditions.

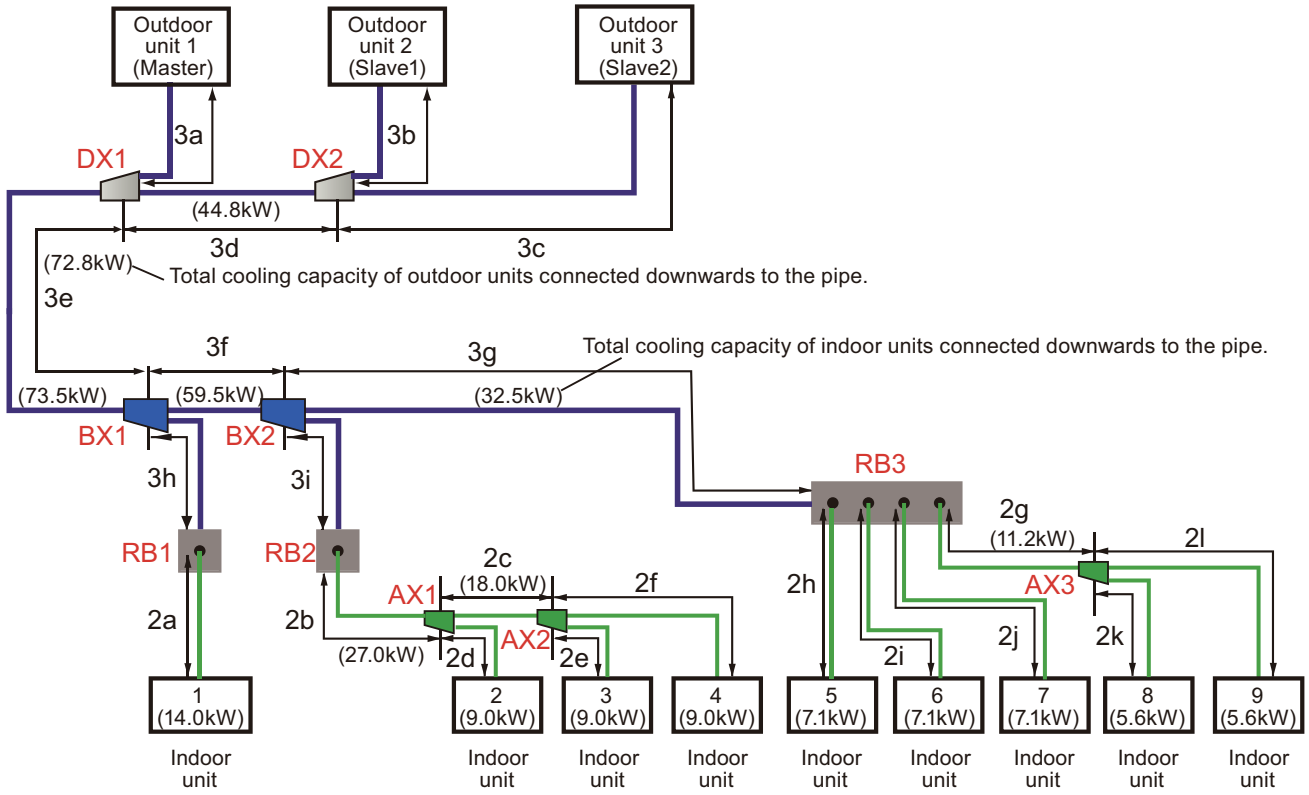
| Condition |
|---|
| For 1 outdoor unit per refrigerant system: Total amount of refrigerant (E) ≤ 35.00 kg |
| For 2 outdoor units per refrigerant system: Total amount of refrigerant (E) ≤ 70.00 kg |
| For 3 outdoor units per refrigerant system: Total amount of refrigerant (E) ≤ 105.00 kg |

- When total refrigerant amount exceed limitation:
  - Reduce pipe length for refrigerant system.
  - Change the refrigerant system configuration.


SYSTEM DESIGN

# 2-6. Piping design example

## ■ Example 1




- **System configuration**

| Indoor unit | Model name | Capacity (kW) |
|---|---|---|
| 1 | AUXK054GLEH | 14.0 |
| 2 | AUXK030GLEH | 9.0 |
| 3 | AUXK030GLEH | 9.0 |
| 4 | AUXK030GLEH | 9.0 |
| 5 | AUXK024GLEH | 7.1 |
| 6 | AUXK024GLEH | 7.1 |
| 7 | AUXK024GLEH | 7.1 |
| 8 | AUXK018GLEH | 5.6 |
| 9 | AUXK018GLEH | 5.6 |
| Total capacity | | 73.5 |

| Outdoor unit | Model name | Capacity (kW) |
|---|---|---|
| 1 | AJ∗090GALDH | 28.0 |
| 2 | AJ∗072GALDH | 22.4 |
| 3 | AJ∗072GALDH | 22.4 |
| Total capacity | | 72.8 |

- **Capacity ratio**
  (Total capacity of indoor unit)/(Total capacity of outdoor unit)
  = 73.5/72.8 = 101.0% (Within 25% to 150%)


SYSTEM DESIGN

- **Selection of Outdoor Unit Branch Kit and Separation Tube**

| Branch kit no. | Total cooling capacity of downstream indoor units (kW) | Model name | Quantity |
|---|---|---|---|
| DX1 | — | UTP-DX567A | 2 |
| DX2 | — | | |
| BX1 | 73.5 | UTP-BX567A | 2 |
| BX2 | 59.5 | | |
| AX1 | 27.0 | UTP-AX090A | 1 |
| AX2 | 18.0 | UTP-AX054A | 2 |
| AX3 | 11.2 | | |

- **Selection of RB Unit**

| RB unit no. | Total cooling capacity of downstream indoor units (kW) | | Model name | Quantity |
|---|---|---|---|---|
| RB1 | 14.0 | | UTP-RX01BH | 1 |
| RB2 | 27.0 | | UTP-RX01CH | 1 |
| RB3 | 7.1 | 32.5 (Total) | UTP-RX04BH | 1 |
| | 7.1 | | | |
| | 7.1 | | | |
| | 11.2 | | | |

- **Selection of pipe size**

| Pipe no. | | Pipe diameter (mm) | | | Length example (m) |
|---|---|---|---|---|---|
| | | Liquid pipe | Discharge gas pipe | Suction gas pipe | |
| For 3 pipes | 3a | Ø12.70 | Ø19.05 | Ø22.22 | 2 |
| | 3b | Ø12.70 | Ø15.88 | Ø22.22 | 2 |
| | 3c | Ø12.70 | Ø15.88 | Ø22.22 | 2 |
| | 3d | Ø12.70 | Ø22.22 | Ø28.58 | 2 |
| | 3e | Ø15.88 | Ø28.58 | Ø34.92 | 50 |
| | 3f | Ø15.88 | Ø28.58 | Ø34.92 | 10 |
| | 3g | Ø12.70 | Ø19.05 | Ø28.58 | 20 |
| | 3h | Ø9.52 | Ø12.70 | Ø19.05 | 5 |
| | 3i | Ø12.70 | Ø19.05 | Ø22.22 | 5 |

| Pipe no. | | Pipe diameter (mm) | | Length example (m) |
|---|---|---|---|---|
| | | Liquid pipe | Gas pipe | |
| For 2 pipes | 2a | Ø9.52 | Ø19.05 | 5 |
| | 2b | Ø12.70 | Ø22.22 | 5 |
| | 2c | Ø12.70 | Ø19.05 | 5 |
| | 2d | Ø9.52 | Ø15.88 | 5 |
| | 2e | Ø9.52 | Ø15.88 | 5 |
| | 2f | Ø9.52 | Ø15.88 | 8 |
| | 2g | Ø9.52 | Ø19.05 | 5 |
| | 2h | Ø9.52 | Ø15.88 | 5 |
| | 2i | Ø9.52 | Ø15.88 | 7 |
| | 2j | Ø9.52 | Ø15.88 | 8 |
| | 2k | Ø9.52 | Ø15.88 | 5 |
| | 2l | Ø9.52 | Ø15.88 | 8 |


SYSTEM DESIGN

- **Calculation of additional charge refrigerant**
  - **Calculation of additional amount for outdoor unit (A)**

| Outdoor unit | Model name | Additional amount for outdoor unit (kg) |
|---|---|---|
| 1 | AJ∗090GALDH | 3.00 |
| 2 | AJ∗072GALDH | 3.00 |
| 3 | AJ∗072GALDH | 3.00 |

A = 3.00 + 3.00 + 3.00 = 9.00 (kg)

  - **Calculation of additional amount for pipe length (B)**

| Diameter of liquid pipe (mm) | Additional amount for pipe length (kg/m) | Liquid pipe length (m) |
|---|---|---|
| Ø6.35 | 0.021 | 0 |
| Ø9.52 | 0.058 | 66 |
| Ø12.70 | 0.114 | 43 |
| Ø15.88 | 0.178 | 60 |
| Ø19.05 | 0.268 | 0 |

B = (0.178 × 60) + (0.114 × 43) + (0.058 × 66) = 19.41 (kg)

  - **Calculation of additional charge refrigerant (C)**
    C = A + B = 9.00 + 19.41 = 28.41 (kg)

  - **Calculation of factory charge amount (D)**

| Outdoor unit | Model name | Factory charge amount (kg) |
|---|---|---|
| 1 | AJ∗090GALDH | 11.80 |
| 2 | AJ∗072GALDH | 11.80 |
| 3 | AJ∗072GALDH | 11.80 |

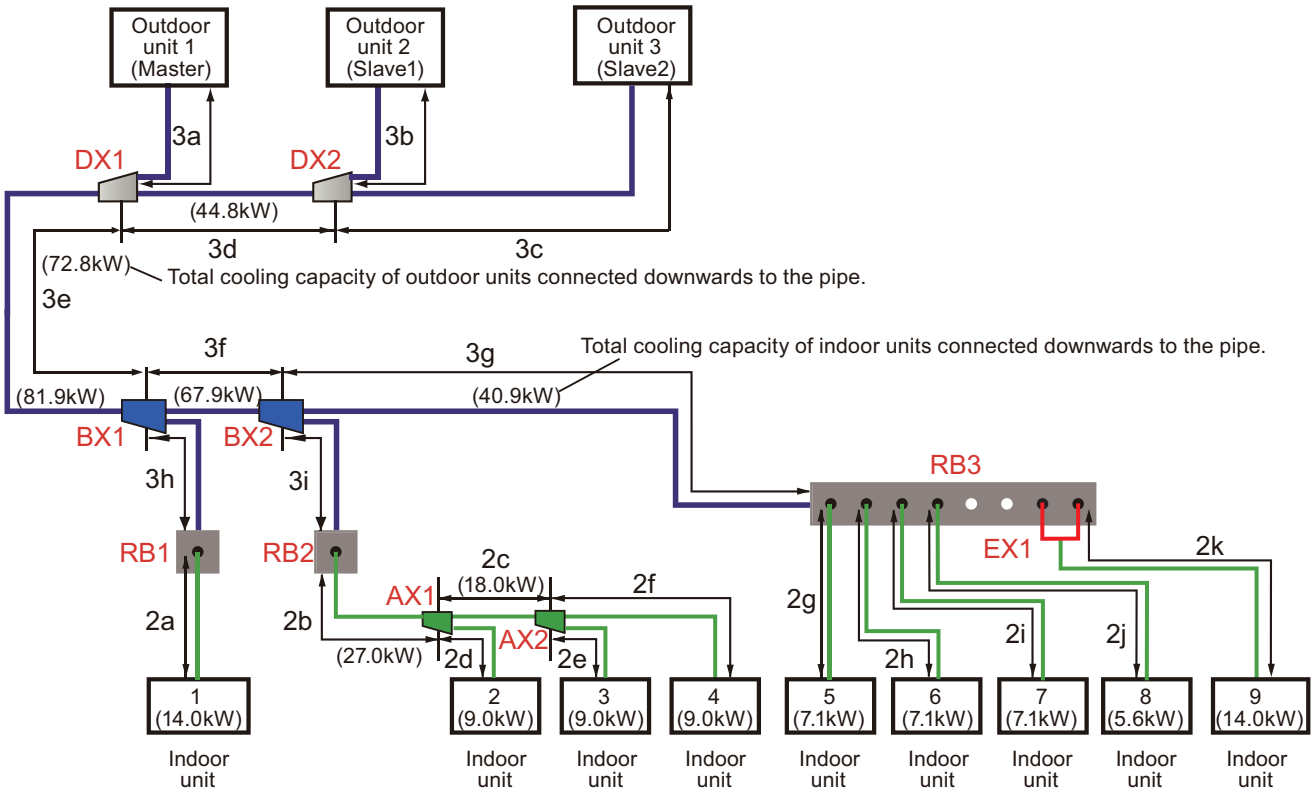
D = 11.80 + 11.80 + 11.80 = 35.40 (kg)

  - **Total refrigerant amount check (E)**
    E = C + D = 28.41 + 35.40 = 63.81 (kg) < 105.00 (kg) → OK

Check pipe length and height difference between the units by comparing with "Piping limitation" on page 06-55.


SYSTEM DESIGN

# ■ Example 1-2




- **System configuration**

| Indoor unit | Model name | Capacity (kW) |
|---|---|---|
| 1 | AUXK054GLEH | 14.0 |
| 2 | AUXK030GLEH | 9.0 |
| 3 | AUXK030GLEH | 9.0 |
| 4 | AUXK030GLEH | 9.0 |
| 5 | AUXK024GLEH | 7.1 |
| 6 | AUXK024GLEH | 7.1 |
| 7 | AUXK024GLEH | 7.1 |
| 8 | AUXK018GLEH | 5.6 |
| 9 | AUXK054GLEH | 14.0 |
| Total capacity | | 81.9 |

| Outdoor unit | Model name | Capacity (kW) |
|---|---|---|
| 1 | AJ∗090GALDH | 28.0 |
| 2 | AJ∗072GALDH | 22.4 |
| 3 | AJ∗072GALDH | 22.4 |
| Total capacity | | 72.8 |

- **Capacity ratio**
  (Total capacity of indoor unit)/(Total capacity of outdoor unit)
  = 81.9/72.8 = 112.5% (Within 25% to 150%)


SYSTEM DESIGN

- **Selection of Outdoor Unit Branch Kit and Separation Tube**

| Branch kit no. | Total cooling capacity of downstream indoor units (kW) | Model name | Quantity |
|---|---|---|---|
| DX1 | — | UTP-DX567A | 2 |
| DX2 | — | | |
| BX1 | 81.9 | UTP-BX567A | 2 |
| BX2 | 67.9 | | |
| AX1 | 27.0 | UTP-AX090A | 1 |
| AX2 | 18.0 | UTP-AX054A | 1 |
| EX1 | 14.0 | UTP-EX060A | 1 |

- **Selection of RB Unit**

| RB unit no. | Total cooling capacity of downstream indoor units (kW) | | Model name | Quantity |
|---|---|---|---|---|
| RB1 | 14.0 | | UTP-RX01BH | 1 |
| RB2 | 27.0 | | UTP-RX01CH | 1 |
| RB3 | 7.1 | 40.9 (Total) | UTP-RX08AH | 1 |
| | 7.1 | | | |
| | 7.1 | | | |
| | 5.6 | | | |
| | 14.0 | | | |

- **Selection of pipe size**

| Pipe no. | | Pipe diameter (mm) | | | Length example (m) |
|---|---|---|---|---|---|
| | | Liquid pipe | Discharge gas pipe | Suction gas pipe | |
| For 3 pipes | 3a | Ø12.70 | Ø19.05 | Ø22.22 | 2 |
| | 3b | Ø12.70 | Ø15.88 | Ø22.22 | 2 |
| | 3c | Ø12.70 | Ø15.88 | Ø22.22 | 2 |
| | 3d | Ø12.70 | Ø22.22 | Ø28.58 | 2 |
| | 3e | Ø15.88 | Ø28.58 | Ø34.92 | 50 |
| | 3f | Ø15.88 | Ø28.58 | Ø34.92 | 10 |
| | 3g | Ø12.70 | Ø19.05 | Ø28.58 | 20 |
| | 3h | Ø9.52 | Ø12.70 | Ø19.05 | 5 |
| | 3i | Ø12.70 | Ø19.05 | Ø22.22 | 5 |

| Pipe no. | | Pipe diameter (mm) | | Length example (m) |
|---|---|---|---|---|
| | | Liquid pipe | Gas pipe | |
| For 2 pipes | 2a | Ø9.52 | Ø19.05 | 5 |
| | 2b | Ø12.70 | Ø22.22 | 5 |
| | 2c | Ø12.70 | Ø19.05 | 5 |
| | 2d | Ø9.52 | Ø15.88 | 5 |
| | 2e | Ø9.52 | Ø15.88 | 5 |
| | 2f | Ø9.52 | Ø15.88 | 8 |
| | 2g | Ø9.52 | Ø15.88 | 5 |
| | 2h | Ø9.52 | Ø15.88 | 7 |
| | 2i | Ø9.52 | Ø15.88 | 8 |
| | 2j | Ø9.52 | Ø15.88 | 5 |
| | 2k | Ø9.52 | Ø19.05 | 8 |


SYSTEM DESIGN

- **Calculation of additional charge refrigerant**
  - **Calculation of additional amount for outdoor unit (A)**

| Outdoor unit | Model name | Additional amount for outdoor unit (kg) |
|---|---|---|
| 1 | AJ∗090GALDH | 3.00 |
| 2 | AJ∗072GALDH | 3.00 |
| 3 | AJ∗072GALDH | 3.00 |

A = 3.00 + 3.00 + 3.00 = 9.00 (kg)

  - **Calculation of additional amount for pipe length (B)**

| Diameter of liquid pipe (mm) | Additional amount for pipe length (kg/m) | Liquid pipe length (m) |
|---|---|---|
| Ø6.35 | 0.021 | 0 |
| Ø9.52 | 0.058 | 61 |
| Ø12.70 | 0.114 | 43 |
| Ø15.88 | 0.178 | 60 |
| Ø19.05 | 0.268 | 0 |

B = (0.178 × 60) + (0.114 × 43) + (0.058 × 61) = 19.12 (kg)

  - **Calculation of additional charge refrigerant (C)**
    C = A + B = 9.00 + 19.12 = 28.12 (kg)

  - **Calculation of factory charge amount (D)**

| Outdoor unit | Model name | Factory charge amount (kg) |
|---|---|---|
| 1 | AJ∗090GALDH | 11.80 |
| 2 | AJ∗072GALDH | 11.80 |
| 3 | AJ∗072GALDH | 11.80 |

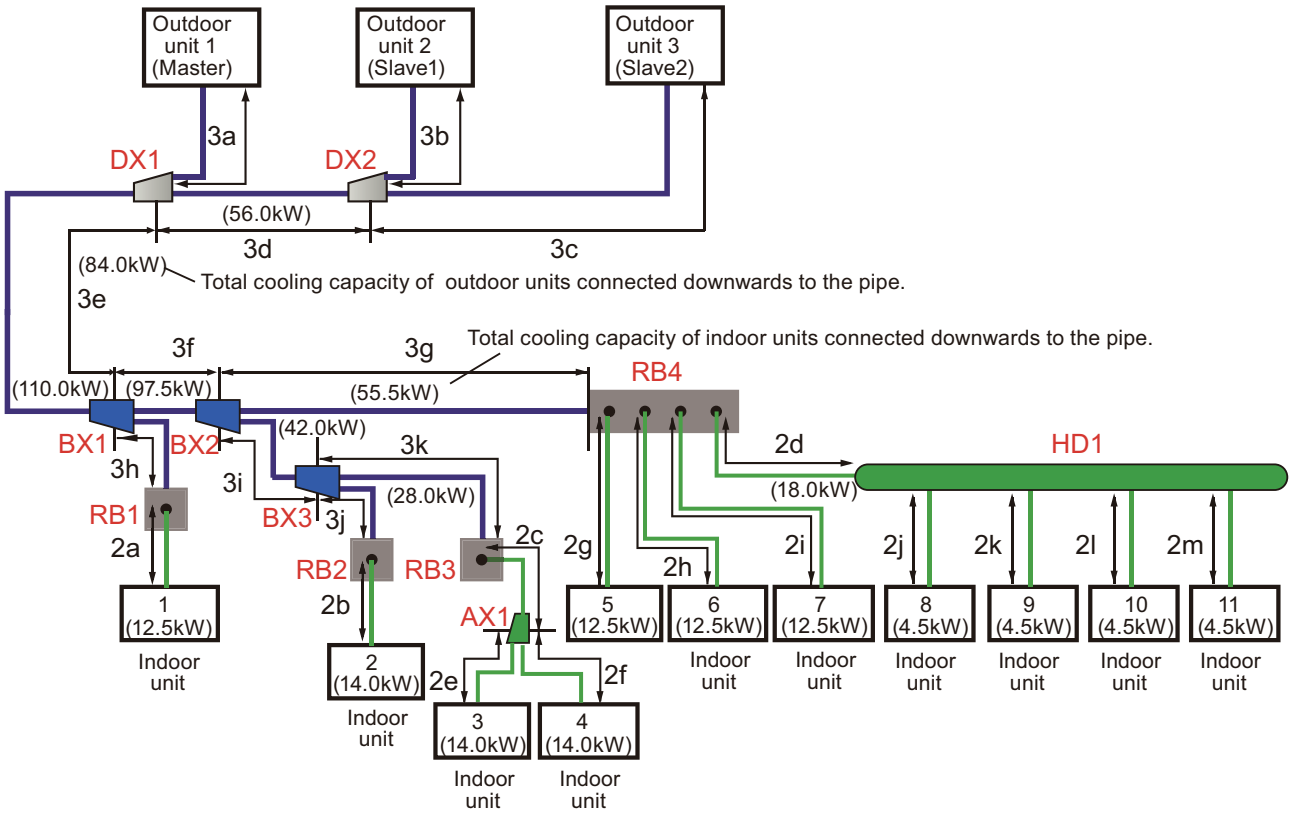
D = 11.80 + 11.80 + 11.80 = 35.40 (kg)

  - **Total refrigerant amount check (E)**
    E = C + D = 28.12 + 35.40 = 63.52 (kg) < 105.00 (kg) → OK

Check pipe length and height difference between the units by comparing with "Piping limitation" on page 06-55.


SYSTEM DESIGN

# ■ Example 2




- **System configuration**

| Indoor unit | Model name | Capacity (kW) |
|---|---|---|
| 1 | AUXK045GLEH | 12.5 |
| 2 | AUXK054GLEH | 14.0 |
| 3 | AUXK054GLEH | 14.0 |
| 4 | AUXK054GLEH | 14.0 |
| 5 | AUXK045GLEH | 12.5 |
| 6 | AUXK045GLEH | 12.5 |
| 7 | AUXK045GLEH | 12.5 |
| 8 | AUXB014GLEH | 4.5 |
| 9 | AUXB014GLEH | 4.5 |
| 10 | AUXB014GLEH | 4.5 |
| 11 | AUXB014GLEH | 4.5 |
| Total capacity | | 110.0 |

| Outdoor unit | Model name | Capacity (kW) |
|---|---|---|
| 1 | AJ∗090GALDH | 28.0 |
| 2 | AJ∗090GALDH | 28.0 |
| 3 | AJ∗090GALDH | 28.0 |
| Total capacity | | 84.0 |

- **Capacity ratio**
  (Total capacity of indoor unit)/(Total capacity of outdoor unit)
  = 110.0/84.0 = 131.0% (Within 25% to 150%)


SYSTEM DESIGN

- **Selection of Outdoor Unit Branch Kit, Separation Tube, and Header**

| Branch kit no. | Total cooling capacity of downstream indoor units (kW) | Model name | Quantity |
|---|---|---|---|
| DX1 | — | UTP-DX567A | 2 |
| DX2 | — | | |
| BX1 | 110.0 | UTP-BX567A | 2 |
| BX2 | 97.5 | | |
| BX3 | 42.0 | UTP-BX180A | 1 |
| AX1 | 28.0 | UTP-AX090A | 1 |
| HD1 | 18.0 | UTR-H0906L | 1 |

- **Selection of RB Unit**

| RB unit no. | Total cooling capacity of downstream indoor units (kW) | | Model name | Quantity |
|---|---|---|---|---|
| RB1 | 12.5 | | UTP-RX01BH | 2 |
| RB2 | 14.0 | | | |
| RB3 | 28.0 | | UTP-RX01CH | 1 |
| RB4 | 12.5 | 55.5 (Total) | UTP-RX04BH | 1 |
| | 12.5 | | | |
| | 12.5 | | | |
| | 18.0 | | | |



SYSTEM DESIGN

- **Selection of pipe size**

| Pipe no. | | Pipe diameter (mm) | | | Length example (m) |
|---|---|---|---|---|---|
| | | Liquid pipe | Discharge gas pipe | Suction gas pipe | |
| For 3 pipes | 3a | Ø12.70 | Ø19.05 | Ø22.22 | 2 |
| | 3b | Ø12.70 | Ø19.05 | Ø22.22 | 2 |
| | 3c | Ø12.70 | Ø19.05 | Ø22.22 | 2 |
| | 3d | Ø15.88 | Ø22.22 | Ø28.58 | 2 |
| | 3e | Ø19.05 | Ø28.58 | Ø34.92 | 50 |
| | 3f | Ø19.05 | Ø28.58 | Ø41.27 → **Ø34.92***1 | 10 |
| | 3g | Ø15.88 | Ø22.22 | Ø28.58 | 40 |
| | 3h | Ø9.52 | Ø12.70 | Ø19.05 | 3 |
| | 3i | Ø12.70 | Ø19.05 | Ø28.58 | 3 |
| | 3j | Ø9.52 | Ø12.70 | Ø19.05 | 3 |
| | 3k | Ø12.70 | Ø19.05 | Ø22.22 | 5 |

*1: Even through this pipe size might be selected based on downstream cooling capacity (97.5 kW), this pipe size should not be larger than pipe size of “3e”. Therefore select pipe size equal to pipe size of “3e”.

| Pipe no. | | Pipe diameter (mm) | | Length example (m) |
|---|---|---|---|---|
| | | Liquid pipe | Gas pipe | |
| For 2 pipes | 2a | Ø9.52 | Ø19.05 | 7 |
| | 2b | Ø9.52 | Ø19.05 | 5 |
| | 2c | Ø12.70 | Ø22.22 | 3 |
| | 2d | Ø12.70 | Ø22.22 | 5 |
| | 2e | Ø9.52 | Ø19.05 | 5 |
| | 2f | Ø9.52 | Ø19.05 | 5 |
| | 2g | Ø9.52 | Ø19.05 | 5 |
| | 2h | Ø9.52 | Ø19.05 | 7 |
| | 2i | Ø9.52 | Ø19.05 | 8 |
| | 2j | Ø6.35 | Ø12.70 | 5 |
| | 2k | Ø6.35 | Ø12.70 | 5 |
| | 2l | Ø6.35 | Ø12.70 | 5 |
| | 2m | Ø6.35 | Ø12.70 | 5 |


SYSTEM DESIGN

- **Calculation of additional charge refrigerant**
  - **Calculation of additional amount for outdoor unit (A)**

| Outdoor unit | Model name | Additional amount for outdoor unit (kg) |
|---|---|---|
| 1 | AJ∗090GALDH | 3.00 |
| 2 | AJ∗090GALDH | 3.00 |
| 3 | AJ∗090GALDH | 3.00 |

A = 3.00 + 3.00 + 3.00 = 9.00 (kg)

  - **Calculation of additional amount for pipe length (B)**

| Diameter of liquid pipe (mm) | Additional amount for pipe length (kg/m) | Liquid pipe length (m) |
|---|---|---|
| Ø6.35 | 0.021 | 20 |
| Ø9.52 | 0.058 | 48 |
| Ø12.70 | 0.114 | 22 |
| Ø15.88 | 0.178 | 42 |
| Ø19.05 | 0.268 | 60 |

B = (0.268 × 60) + (0.178 × 42) + (0.114 × 22) + (0.058 × 48) + (0.021 × 20) = 29.27 (kg)

  - **Calculation of additional charge refrigerant (C)**
    C = A + B = 9.00 + 29.27 = 38.27 (kg)

  - **Calculation of factory charge amount (D)**

| Outdoor unit | Model name | Factory charge amount (kg) |
|---|---|---|
| 1 | AJ∗090GALDH | 11.80 |
| 2 | AJ∗090GALDH | 11.80 |
| 3 | AJ∗090GALDH | 11.80 |

D = 11.80 + 11.80 + 11.80 = 35.40 (kg)

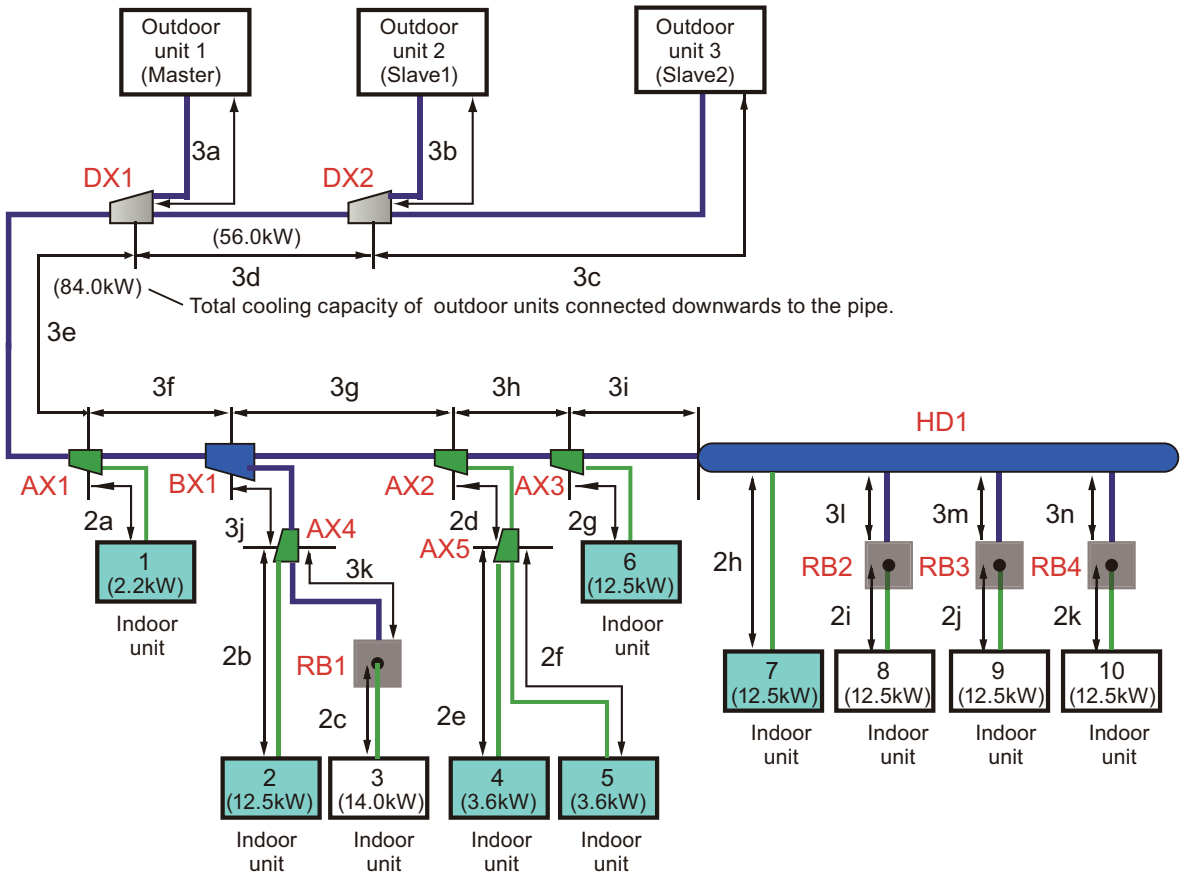
  - **Total refrigerant amount check (E)**
    E = C + D = 38.27 + 35.40 = 73.67 (kg) < 105.00 (kg) → OK

Check pipe length and height difference between the units by comparing with "Piping limitation" on page 06-55.


SYSTEM DESIGN

# ■ Example 3

Cooling only type is mixed.




- **System configuration**

| Indoor unit | Model name | Type | Capacity (kW) |
|---|---|---|---|
| 1 | AUXB007GLEH | Cooling only | 2.2 |
| 2 | AUXK045GLEH | Cooling only | 12.5 |
| 3 | AUXK054GLEH | Heat pump | 14.0 |
| 4 | AUXB012GLEH | Cooling only | 3.6 |
| 5 | AUXB012GLEH | Cooling only | 3.6 |
| 6 | AUXK045GLEH | Cooling only | 12.5 |
| 7 | AUXK045GLEH | Cooling only | 12.5 |
| 8 | AUXK045GLEH | Heat pump | 12.5 |
| 9 | AUXK045GLEH | Heat pump | 12.5 |
| 10 | AUXK045GLEH | Heat pump | 12.5 |
| Total capacity | | | 98.4 |

| Outdoor unit | Model name | Capacity (kW) |
|---|---|---|
| 1 | AJ∗090GALDH | 28.0 |
| 2 | AJ∗090GALDH | 28.0 |
| 3 | AJ∗090GALDH | 28.0 |
| Total capacity | | 84.0 |

- **Capacity ratio**

(Total capacity of indoor unit)/(Total capacity of outdoor unit)
= 98.4/84.0 = 117.1% (Within 25% to 150%)

(Total capacity of cooling only type indoor unit)/(Total capacity of indoor unit)
= 46.9/98.4 = 47.7% (Less than 50%)


SYSTEM DESIGN

- **Total cooling capacity of indoor units connected downwards to the pipe**

| Pipe no. | | Total capacity of indoor units (kW) | | |
|---|---|---|---|---|
| | | All indoor units | Heat pump | Cooling only |
| For 3 pipes | 3f | 96.2 | 51.5 | 44.7 |
| | 3g | 69.7 | 37.5 | 32.2 |
| | 3h | 62.5 | 37.5 | 25.0 |
| | 3i | 50.0 | 37.5 | 12.5 |
| | 3j | 26.5 | 14.0 | 12.5 |

- **Selection of Outdoor Unit Branch Kit, Separation Tube, and Header**

| Branch kit no. | Total cooling capacity of downstream indoor units (kW) | Model name | Quantity |
|---|---|---|---|
| DX1 | — | UTP-DX567A | 2 |
| DX2 | — | | |
| BX1 | 96.2 | UTP-BX567A | 1 |
| AX1 | 98.4 | UTP-AX567A | 3 |
| AX2 | 69.7 | | |
| AX3 | 62.5 | | |
| AX4 | 26.5 | UTP-AX090A | 1 |
| AX5 | 7.2 | UTP-AX054A | 1 |
| HD1 | 50.0 | UTP-J1806A | 1 |

- **Selection of RB Unit**

| RB unit no. | Total cooling capacity of downstream indoor units (kW) | Model name | Quantity |
|---|---|---|---|
| RB1 | 14.0 | UTP-RX01BH | 4 |
| RB2 | 12.5 | | |
| RB3 | 12.5 | | |
| RB4 | 12.5 | | |


SYSTEM DESIGN

- **Selection of pipe size**

| Pipe no. | | Pipe diameter (mm) | | | Length example (m) |
|---|---|---|---|---|---|
| | | Liquid pipe | Discharge gas pipe | Suction gas pipe | |
| For 3 pipes | 3a | Ø12.70 | Ø19.05 | Ø22.22 | 2 |
| | 3b | Ø12.70 | Ø19.05 | Ø22.22 | 2 |
| | 3c | Ø12.70 | Ø19.05 | Ø22.22 | 2 |
| | 3d | Ø15.88 | Ø22.22 | Ø28.58 | 2 |
| | 3e | Ø19.05 | Ø28.58 → **22.22**[*1] | Ø34.92 | 50 |
| | 3f | Ø19.05 | Ø28.58 → **22.22**[*1] | Ø41.27 → **Ø34.92**[*2] | 10 |
| | 3g | Ø15.88 | Ø28.58 → **19.05**[*1] | Ø34.92 | 10 |
| | 3h | Ø15.88 | Ø28.58 → **19.05**[*1] | Ø34.92 | 5 |
| | 3i | Ø15.88 | Ø22.22 → **19.05**[*1] | Ø28.58 | 5 |
| | 3j | Ø12.70 | Ø19.05 → **12.70**[*1] | Ø22.22 | 5 |
| | 3k | Ø9.52 | Ø12.70 | Ø19.05 | 3 |
| | 3l | Ø9.52 | Ø12.70 | Ø19.05 | 3 |
| | 3m | Ø9.52 | Ø12.70 | Ø19.05 | 3 |
| | 3n | Ø9.52 | Ø12.70 | Ø19.05 | 3 |

*1: Discharge gas pipe size vary in the following conditions:

– When cooling only type indoor unit is connected, it calculates with the value except capacity of cooling only type indoor unit. (except pipe size of “3e”)

– In case of discharge gas pipe is not separated, pipe diameter is different between pipes which come from outdoor unit side and connected to RB Unit. Thinner pipe diameter should be selected.

*2: Even through this pipe size might be selected based on downstream cooling capacity (96.2 kW), this pipe size should not be larger than pipe size of “3e”. Therefore select pipe size equal to pipe size of “3e”.



SYSTEM DESIGN

| Pipe no. | | Pipe diameter (mm) | | Length example (m) |
|---|---|---|---|---|
| | | Liquid pipe | Gas pipe | |
| For 2 pipes | 2a | Ø6.35 | Ø12.70 | 10 |
| | 2b | Ø9.52 | Ø19.05 | 8 |
| | 2c | Ø9.52 | Ø19.05 | 5 |
| | 2d | Ø9.52 | Ø15.88 | 5 |
| | 2e | Ø6.35 | Ø12.70 | 8 |
| | 2f | Ø6.35 | Ø12.70 | 8 |
| | 2g | Ø9.52 | Ø19.05 | 10 |
| | 2h | Ø9.52 | Ø19.05 | 10 |
| | 2i | Ø9.52 | Ø19.05 | 5 |
| | 2j | Ø9.52 | Ø19.05 | 5 |
| | 2k | Ø9.52 | Ø19.05 | 5 |

- **Calculation of additional charge refrigerant**
  - **Calculation of additional amount for outdoor unit (A)**

| Outdoor unit | Model name | Additional amount for outdoor unit (kg) |
|---|---|---|
| 1 | AJ∗090GALDH | 3.00 |
| 2 | AJ∗090GALDH | 3.00 |
| 3 | AJ∗090GALDH | 3.00 |

A = 3.00 + 3.00 + 3.00 = 9.00 (kg)

  - **Calculation of additional amount for pipe length (B)**

| Diameter of liquid pipe (mm) | Additional amount for pipe length (kg/m) | Liquid pipe length (m) |
|---|---|---|
| Ø6.35 | 0.021 | 26 |
| Ø9.52 | 0.058 | 65 |
| Ø12.70 | 0.114 | 11 |
| Ø15.88 | 0.178 | 22 |
| Ø19.05 | 0.268 | 60 |

B = (0.268 × 60) + (0.178 × 22) + (0.114 × 11) + (0.058 × 65) + (0.021 × 26) = 25.57 (kg)

  - **Calculation of additional charge refrigerant (C)**
    C = A + B = 9.00 + 25.57 = 34.57 (kg)

  - **Calculation of factory charge amount (D)**

| Outdoor unit | Model name | Factory charge amount (kg) |
|---|---|---|
| 1 | AJ∗090GALDH | 11.80 |
| 2 | AJ∗090GALDH | 11.80 |
| 3 | AJ∗090GALDH | 11.80 |

D = 11.80 + 11.80 + 11.80 = 35.40 (kg)

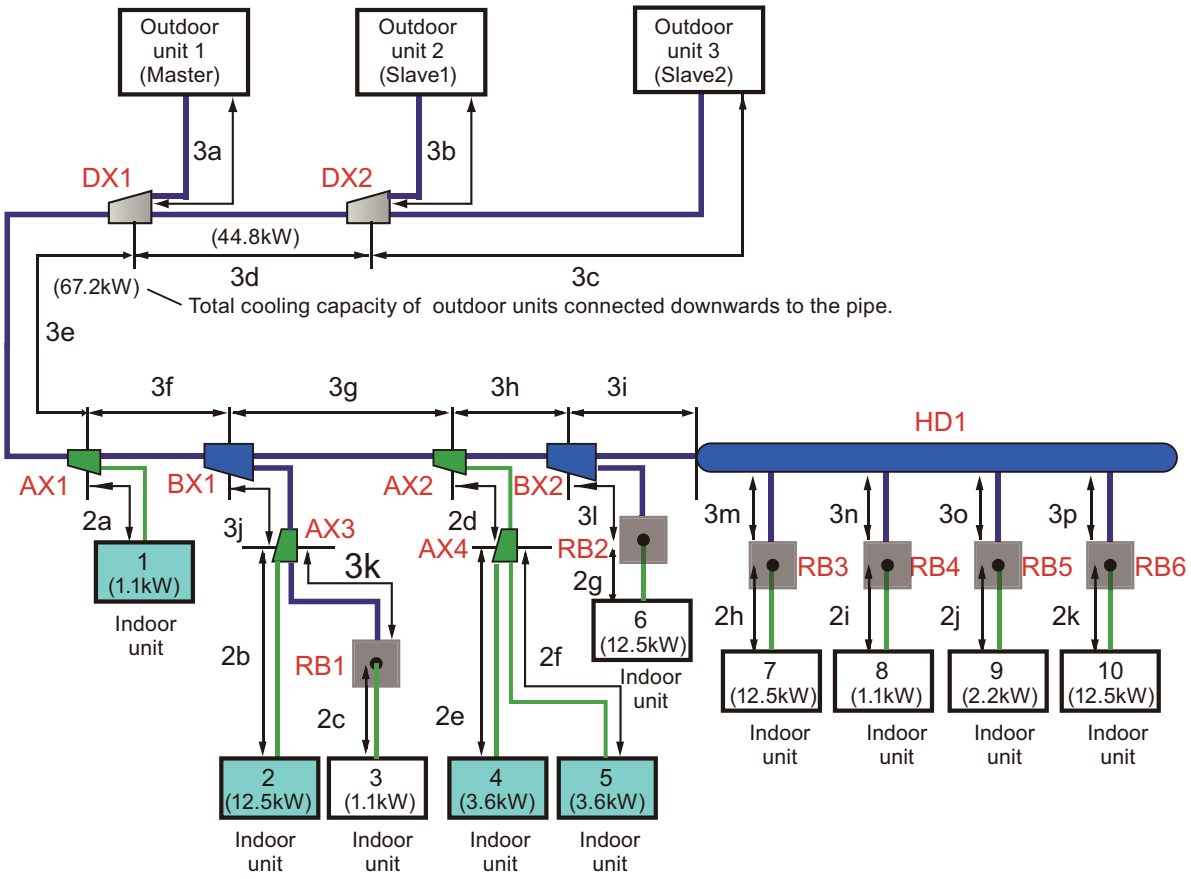
  - **Total refrigerant amount check (E)**
    E = C + D = 34.57 + 35.40 = 69.97 (kg) < 105.00 (kg) → OK

Check pipe length and height difference between the units by comparing with "Piping limitation" on page 06-55.


SYSTEM DESIGN

# ■ Example 4

Cooling only type is mixed.




- **System configuration**

| Indoor unit | Model name | Type | Capacity (kW) |
|---|---|---|---|
| 1 | AUXB004GLEH | Cooling only | 1.1 |
| 2 | AUXK045GLEH | Cooling only | 12.5 |
| 3 | AUXB004GLEH | Heat pump | 1.1 |
| 4 | AUXB012GLEH | Cooling only | 3.6 |
| 5 | AUXB012GLEH | Cooling only | 3.6 |
| 6 | AUXK045GLEH | Heat pump | 12.5 |
| 7 | AUXK045GLEH | Heat pump | 12.5 |
| 8 | AUXB004GLEH | Heat pump | 1.1 |
| 9 | AUXB007GLEH | Heat pump | 2.2 |
| 10 | AUXA45GALH | Heat pump | 12.5 |
| Total capacity | | | 62.7 |

| Outdoor unit | Model name | Capacity (kW) |
|---|---|---|
| 1 | AJ∗072GALDH | 22.4 |
| 2 | AJ∗072GALDH | 22.4 |
| 3 | AJ∗072GALDH | 22.4 |
| Total capacity | | 67.2 |


SYSTEM DESIGN

- **Capacity ratio**
  (Total capacity of indoor unit)/(Total capacity of outdoor unit)
  = 62.7/67.2 = 93.3% (Within 25% to 110%*)
  *: For Conditions for cooling capacity of connectable indoor unit, refer to "Refrigerant system" on page 06-1.

  (Total capacity of cooling only type indoor unit)/(Total capacity of indoor unit)
  = 20.8/62.7 = 33.2% (Less than 50%)

- **Total cooling capacity of indoor units connected downwards to the pipe**

| Pipe no. | | Total capacity of indoor units (kW) | | |
|---|---|---|---|---|
| | | All indoor units | Heat pump | Cooling only |
| For 3 pipes | 3f | 61.6 | 41.9 | 19.7 |
| | 3g | 48.0 | 40.8 | 7.2 |
| | 3h | 40.8 | 40.8 | 0 |
| | 3i | 28.3 | 28.3 | 0 |
| | 3j | 13.6 | 1.1 | 12.5 |

- **Selection of Outdoor Unit Branch Kit, Separation Tube, and Header**

| Branch kit no. | Total cooling capacity of downstream indoor units (kW) | Model name | Quantity |
|---|---|---|---|
| DX1 | — | UTP-DX567A | 2 |
| DX2 | — | | |
| BX1 | 61.6 | UTP-BX567A | 1 |
| BX2 | 40.8 | UTP-BX180A | 1 |
| AX1 | 62.7 | UTP-AX567A | 1 |
| AX2 | 48.0 | UTP-AX180A | 1 |
| AX3 | 13.6 | UTP-BX090A | 1 |
| AX4 | 7.2 | UTP-AX054A | 1 |
| HD1 | 28.3 | UTP-J1806A | 1 |

- **Selection of RB Unit**

| RB unit no. | Total cooling capacity of downstream indoor units (kW) | Model name | Quantity |
|---|---|---|---|
| RB1 | 1.1 | UTP-RX01AH | 1 |
| RB2 | 12.5 | UTP-RX01BH | 2 |
| RB3 | 12.5 | | |
| RB4 | 1.1 | UTP-RX01AH | 2 |
| RB5 | 2.2 | | |
| RB6 | 12.5 | UTP-RX01BH | 1 |

| Model name | Quantity |
|---|---|
| UTP-RX01AH | 3 |
| UTP-RX01BH | 3 |


SYSTEM DESIGN

- **Selection of pipe size**

| Pipe no. | | Pipe diameter (mm) | | | Length example (m) |
|---|---|---|---|---|---|
| | | Liquid pipe | Discharge gas pipe | Suction gas pipe | |
| For 3 pipes | 3a | Ø12.70 | Ø15.88 | Ø22.22 | 2 |
| | 3b | Ø12.70 | Ø15.88 | Ø22.22 | 2 |
| | 3c | Ø12.70 | Ø15.88 | Ø22.22 | 2 |
| | 3d | Ø12.70 | Ø22.22 | Ø28.58 | 2 |
| | 3e | Ø15.88 | Ø28.58 → **19.05*** | Ø34.92 | 50 |
| | 3f | Ø15.88 | Ø28.58 → **19.05*** | Ø34.92 | 10 |
| | 3g | Ø15.88 | Ø22.22 → **19.05*** | Ø28.58 | 10 |
| | 3h | Ø12.70 | Ø19.05 | Ø28.58 | 5 |
| | 3i | Ø12.70 | Ø19.05 | Ø28.58 | 5 |
| | 3j | Ø9.52 | Ø12.70 → **9.52*** | Ø19.05 | 5 |
| | 3k | Ø6.35 | Ø9.52 | Ø12.70 | 3 |
| | 3l | Ø9.52 | Ø12.70 | Ø19.05 | 3 |
| | 3m | Ø9.52 | Ø12.70 | Ø19.05 | 3 |
| | 3n | Ø6.35 | Ø9.52 | Ø12.70 | 3 |
| | 3o | Ø6.35 | Ø9.52 | Ø12.70 | 3 |
| | 3p | Ø9.52 | Ø12.70 | Ø19.05 | 3 |

*: Discharge gas pipe size vary in the following conditions:

– When cooling only type indoor unit is connected, it calculates with the value except capacity of cooling only type indoor unit. (except pipe size of “3e”)

– In case of discharge gas pipe is not separated, pipe diameter is different between pipes which come from outdoor unit side and connected to RB Unit. Thinner pipe diameter should be selected.



| Pipe no. | | Pipe diameter (mm) | | Length example (m) |
|---|---|---|---|---|
| | | Liquid pipe | Gas pipe | |
| For 2 pipes | 2a | Ø6.35 | Ø12.70 | 10 |
| | 2b | Ø9.52 | Ø19.05 | 8 |
| | 2c | Ø6.35 | Ø12.70 | 5 |
| | 2d | Ø9.52 | Ø15.88 | 5 |
| | 2e | Ø6.35 | Ø12.70 | 8 |
| | 2f | Ø6.35 | Ø12.70 | 8 |
| | 2g | Ø9.52 | Ø19.05 | 10 |
| | 2h | Ø9.52 | Ø19.05 | 10 |
| | 2i | Ø6.35 | Ø12.70 | 5 |
| | 2j | Ø6.35 | Ø12.70 | 5 |
| | 2k | Ø9.52 | Ø19.05 | 5 |

SYSTEM DESIGN

- **Calculation of additional charge refrigerant**
  - **Calculation of additional amount for outdoor unit (A)**

| Outdoor unit | Model name | Additional amount for outdoor unit (kg) |
|---|---|---|
| 1 | AJ∗072GALDH | 3.00 |
| 2 | AJ∗072GALDH | 3.00 |
| 3 | AJ∗072GALDH | 3.00 |

A = 3.00 + 3.00 + 3.00 = 9.00 (kg)

  - **Calculation of additional amount for pipe length (B)**

| Diameter of liquid pipe (mm) | Additional amount for pipe length (kg/m) | Liquid pipe length (m) |
|---|---|---|
| Ø6.35 | 0.021 | 50 |
| Ø9.52 | 0.058 | 52 |
| Ø12.70 | 0.114 | 18 |
| Ø15.88 | 0.178 | 70 |
| Ø19.05 | 0.268 | 0 |

B = (0.268 × 0) + (0.178 × 70) + (0.114 × 18) + (0.058 × 52) + (0.021 × 50) = 18.58 (kg)

  - **Calculation of additional charge refrigerant (C)**
    C = A + B = 9.00 + 18.58 = 27.58 (kg)

  - **Calculation of factory charge amount (D)**

| Outdoor unit | Model name | Factory charge amount (kg) |
|---|---|---|
| 1 | AJ∗072GALDH | 11.80 |
| 2 | AJ∗072GALDH | 11.80 |
| 3 | AJ∗072GALDH | 11.80 |

D = 11.80 + 11.80 + 11.80 = 35.40 (kg)

  - **Total refrigerant amount check (E)**
    E = C + D = 27.58 + 35.40 = 62.98 (kg) < 105.00 (kg) → OK

Check pipe length and height difference between the units by comparing with "Piping limitation" on page 06-55.

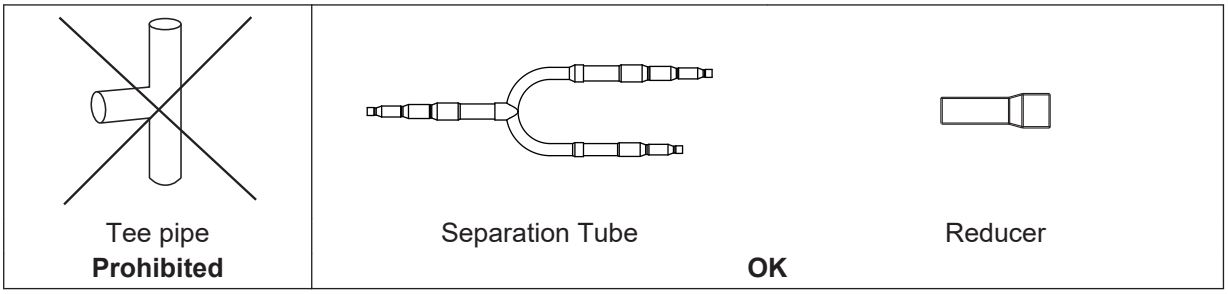

SYSTEM DESIGN

# 3. Piping connection

Keep the permissible length of every piping limitation to prevent a defect or cooling/heating failure.

**⚠ CAUTION**

- **Piping material:**
  - Use the designated size (diameter and thickness) of refrigerant pipes.
  - Those pipes purchased locally may contain dust inside. Use dry nitrogen to blow out any dust.
  - Do not use standard pipe tees for branches, these can cause uneven refrigerant flow to the indoor units. Optionally available standard branch kits should be used instead.

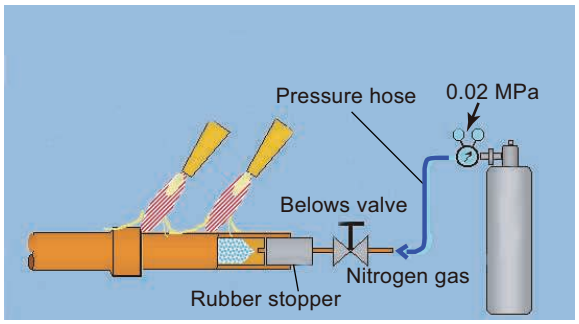



  - When replacing the unit, never use piping which has been used for previous installations. Only use the new piping.

- **Piping preparation and installation:**
  - Make sure that no dust or water enters the pipe during preparation or installation.
  - When installing the pipe, make bends as few as possible, and make radius as large as possible.
  - Cut the branch kit at the right size or use the reducer to match the pipe to the branch kit.

- **Piping treatment:**
  - The pipes vibrate, expand, and contract during operation, so if loads are concentrated in one area, it could cause cracks in the pipes. Provide the pipe supports every 2 to 3 m.
  - Make sure to insulate the refrigeration pipes separately with appropriately sized insulation as described earlier. Make sure to overlap the ends to prevent any gap.

- **Brazing:**
  - While brazing the pipes, be sure to blow dry nitrogen gas through them.



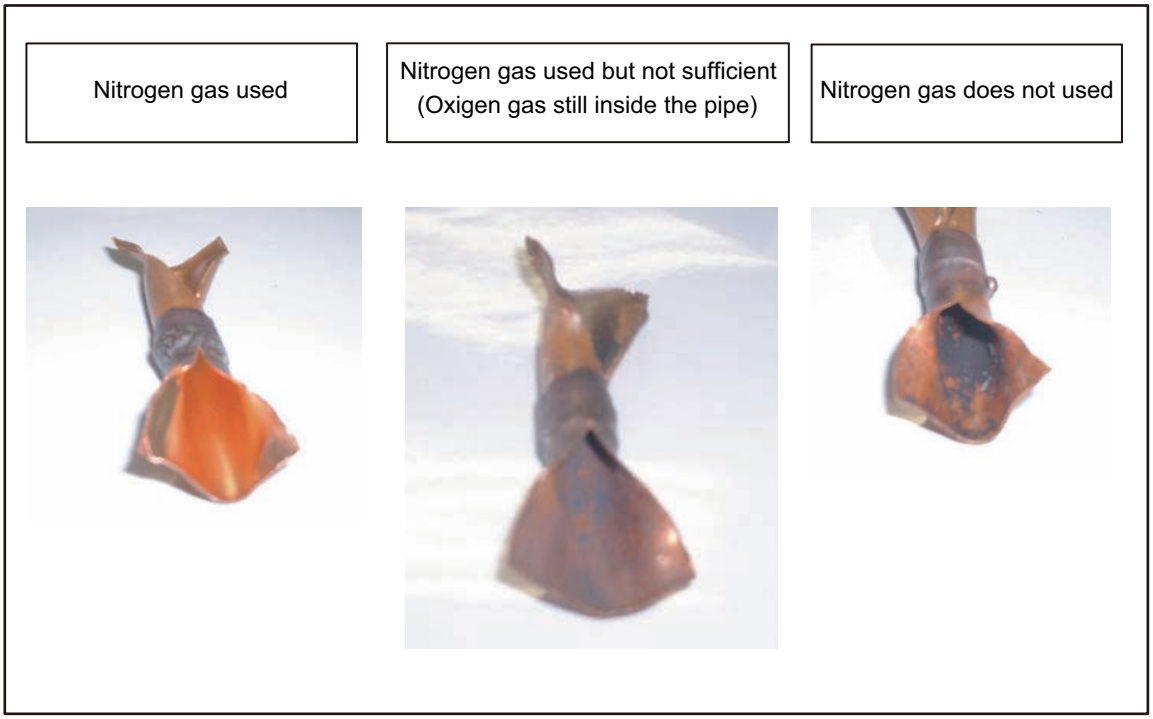

(continued)


SYSTEM DESIGN

## ⚠ CAUTION

- **Brazing:**
  - If nitrogen gas is not blown through the pipes while they are being brazed, an oxidized layer may form on the inside of the pipes. If this occurs, the cooling efficiency may decrease and it will be caused to damage for compressor and clog the strainer and electronic expansion valve.

    Example: Inside state of brazing pipe section

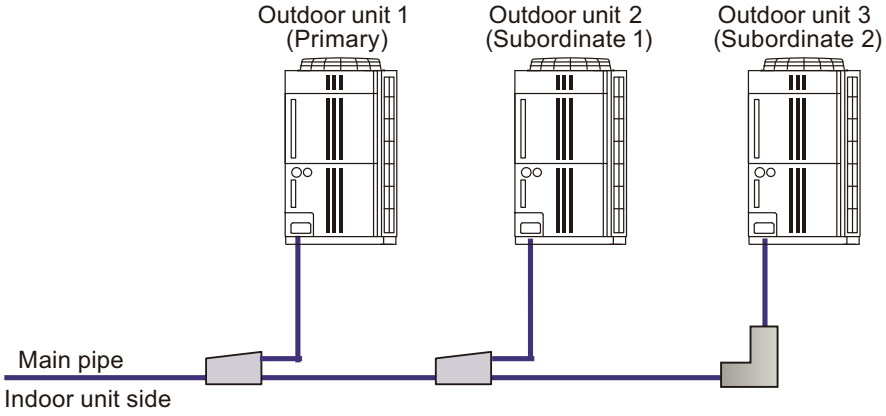



  - When brazing the pipes, do not use flux. If the flux is chlorine-based, the pipes will corrode and when the flux contains fluorine, the refrigerant oil will deteriorate, etc. Using the flux has an adverse affect on the refrigerant pipe system.
  - For brazing materials, use phosphor copper solder that does not require flux.

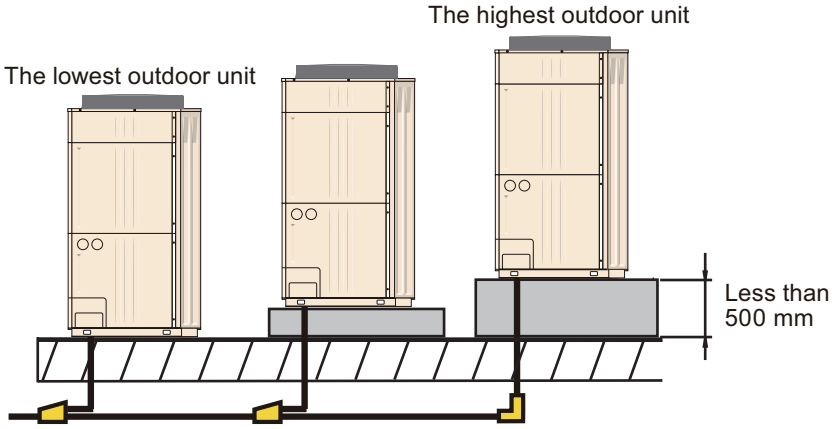

SYSTEM DESIGN

# 3-1. Piping to outdoor unit

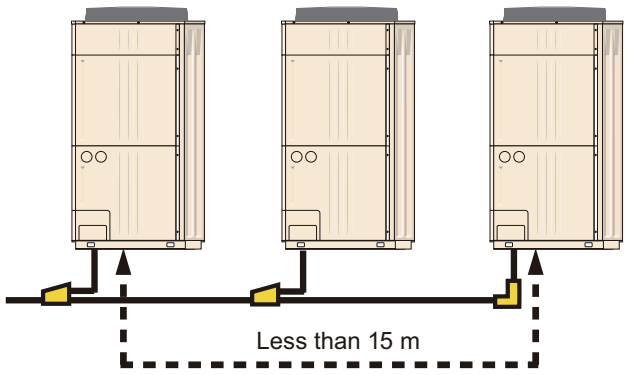
## ■ Outdoor unit position




- When installing outdoor units, make the primary unit closest to the main pipe.
- Select outdoor unit capacity in the order below:
  Outdoor unit 1 (Primary) ≥ Outdoor unit 2 (Subordinate 1) ≥ Outdoor unit 3 (Subordinate 2)
- When connecting primary unit with subordinate unit(s), install them as close as possible.
- Selecting the mounting position of the primary and subordinate unit to keep piping limitation.




The height difference between the lowest and the highest outdoor unit bottom in the same refrigerant system ≤ 500 mm




The maximum pipe length between primary unit and the farthest subordinate unit ≤ 15 m

**NOTES:**

- Install the Outdoor Unit Branch Kit horizontally. (Refer to "Outdoor Unit Branch Kit" on page 06-101)
- Mounting the outdoor unit with enough space to installing the piping, service, and maintenance.

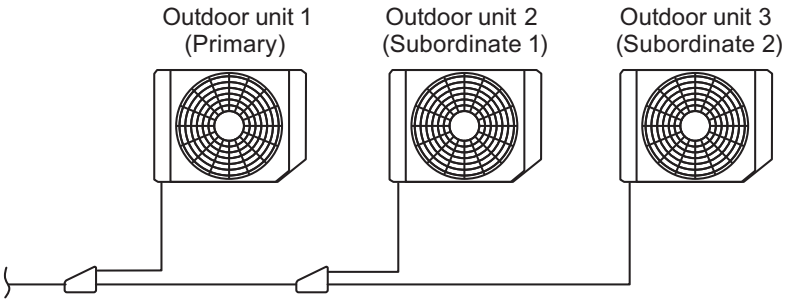

SYSTEM DESIGN

# ■ Outdoor unit piping direction

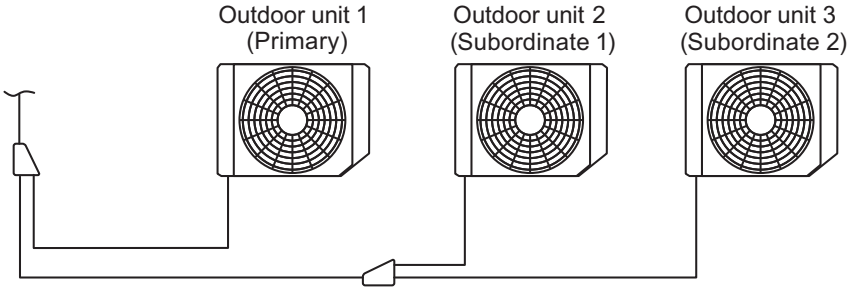
## ● Piping pattern

Use the optional branch kit for multiple outdoor unit connection.

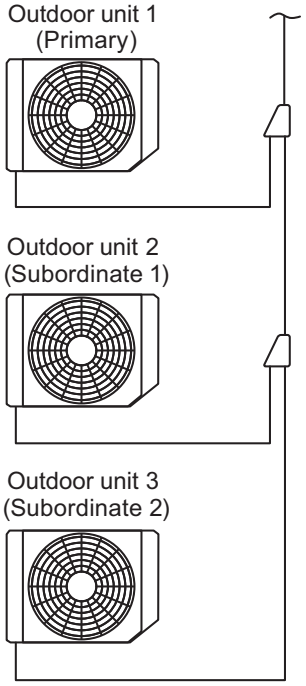
- Example 1




- Example 2




- Example 3



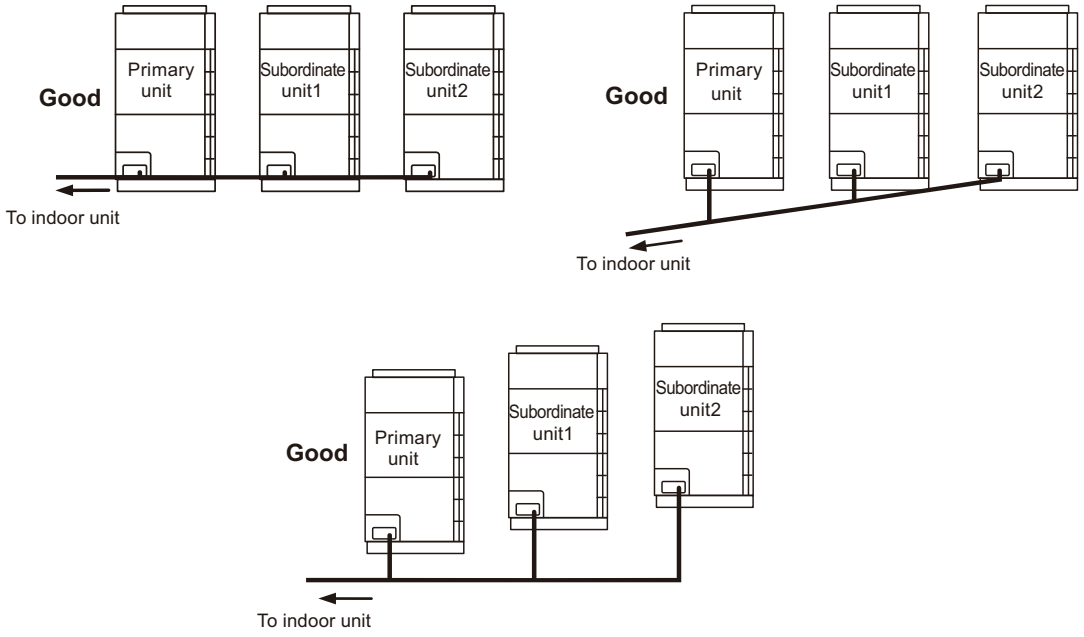



SYSTEM DESIGN

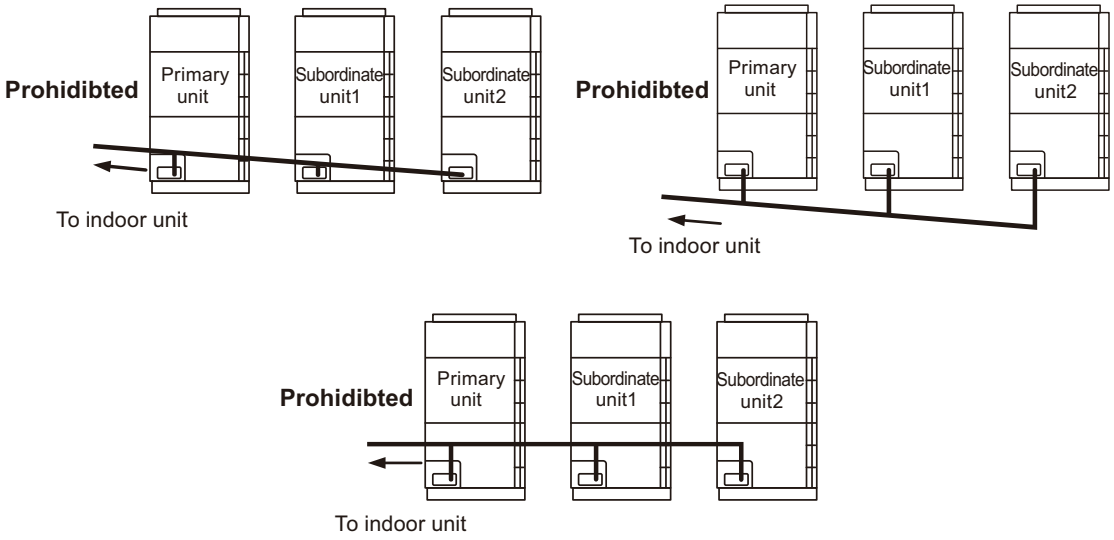
# ● Main pipe connection

Make sure to arrange the pipe horizontally or upward as shown bellow to prevent oil from accumulating into stopped outdoor unit.

- **Installable pattern**



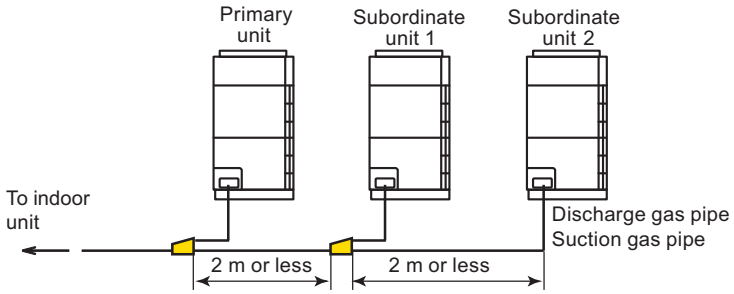

- **Non-installable pattern**

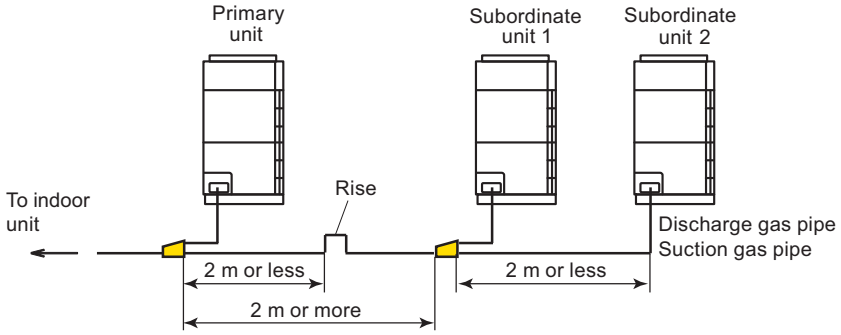


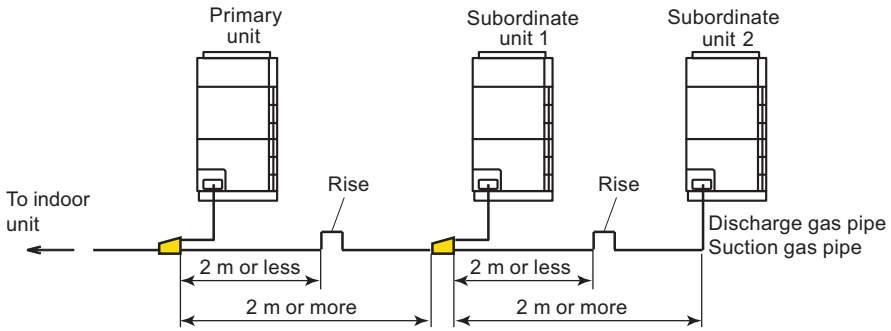

**NOTE:** If the pipe length between Outdoor Unit Branch Kit and Outdoor Unit Branch Kit (or subordinate unit) is longer than 2 m, or a lower pipe line exists between outdoor units, rise for gas pipe should be arranged to eliminate oil from entering into and remaining at pipes and the stopped outdoor unit. (See following example.)

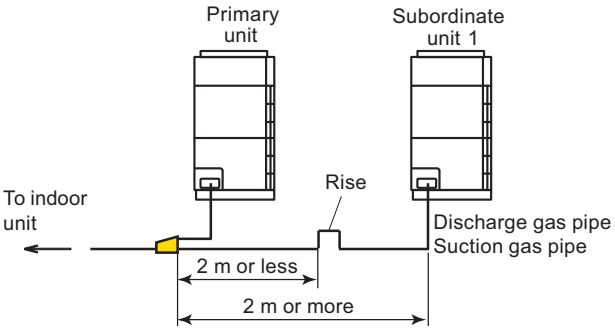

SYSTEM DESIGN

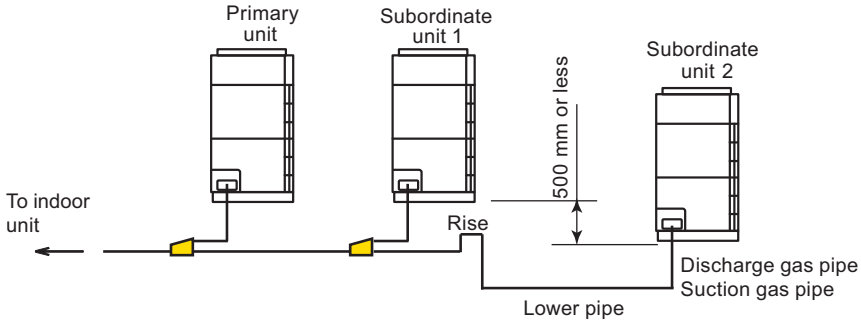
Example:




Rise height: 200 mm or more

SYSTEM DESIGN

SYSTEM DESIGN

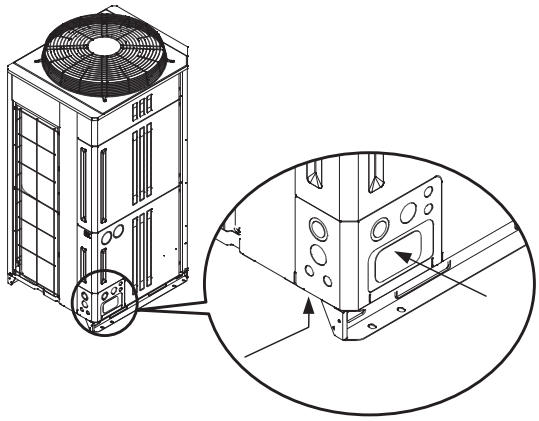
# ■ Piping method

## ● Opening the knockout hole

**⚠ CAUTION**

- Be careful to prevent panel deformation or damaged while opening the knockout hole.
- To prevent cutting of the wiring after the knockout hole was opened, remove the burrs along the edge. In addition, to prevent rusting, painting the edge with rust preventive paint is recommended.

- The piping can be connected from 2 directions of the front and the bottom. (Knockout holes are provided so that the piping can be connected from 2 different directions.)
- Use the front knockout hole, as required.

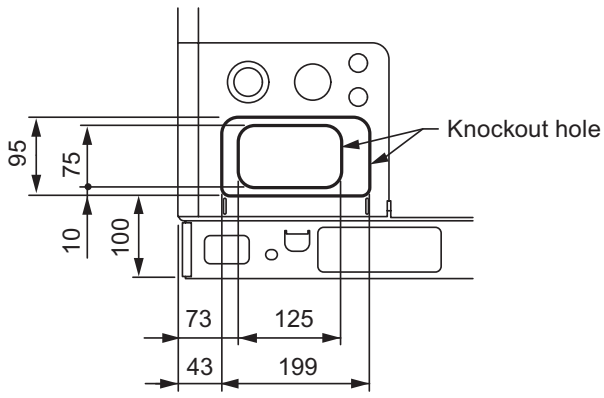


Knockout hole position

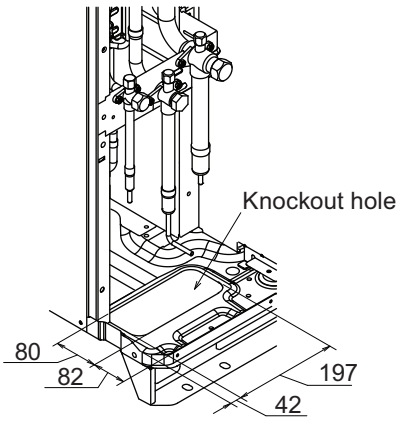


SYSTEM DESIGN

Unit: mm




Detail of knockout position (front)




Detail of knockout position (bottom)

## ● Removing the pinch pipe

**⚠ CAUTION**

- Remove the pinch pipe only when the internal gas is completely drained as shown on the below instructions.
- If gas still remains inside, the piping may crack if you melt the brazing filter of the junction area with a burner.

Before connecting the piping, remove the pinch pipe in accordance with the following instructions:

1. Verify that the liquid side, suction gas, and discharge gas side 3-way valves are closed. (Fig. A)
2. Cut the end of the liquid side, suction gas, and discharge gas side pinch pipe and vent the gas inside the pinch pipe. (Fig. B)
3. After all the gas is vented, melt the brazing filler metal on connecting part using a torch and remove the pinch pipe. (Fig. C)

Fig. A

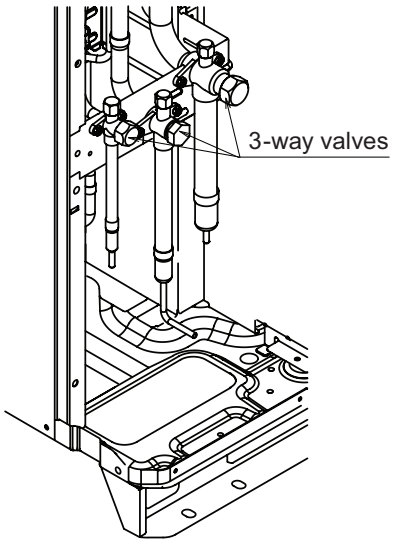



Fig. B

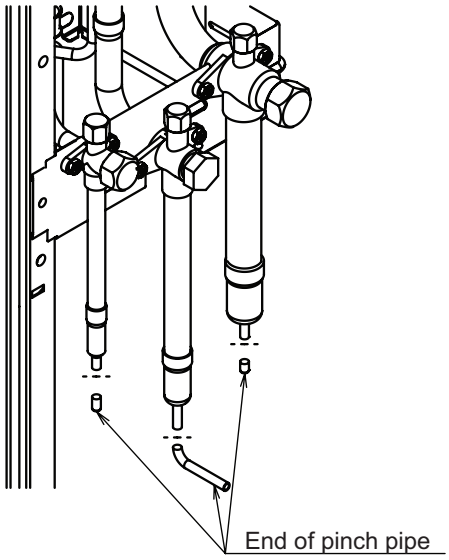
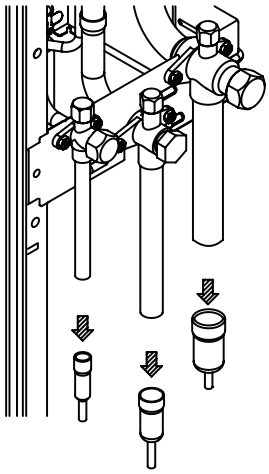



Fig. C





SYSTEM DESIGN

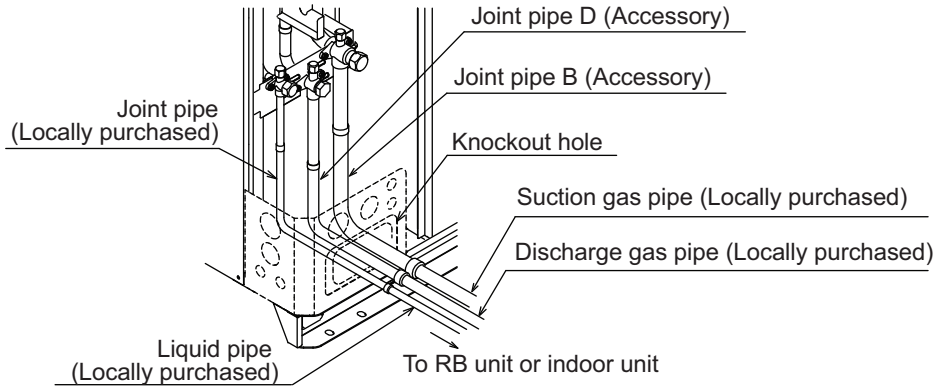
# ● Pipe connection

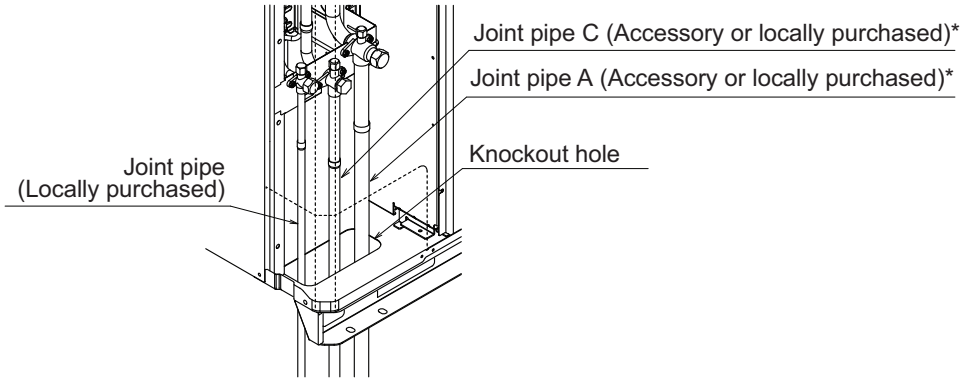
**⚠ CAUTION**

- Seal the pipe route hole with putty (locally purchased) such that there are no gaps. Small insects or animals that are trapped in the outdoor unit may cause a short circuit in the electrical component box.
- To prevent pipe damage: do not make sharp bends in the pipe. Bend the pipe at a radius of 70 mm or greater.
- To prevent pipe damage, avoid bending pipe many times at same part.
- After completing all the pipe connection by brazing, perform the indoor unit pipe connection with a flare joint.
- When removing the pinch pipe or brazing the joint pipe, carry out the work while cooling down the 3-way valve sufficiently.

- Braze the joint pipe onto the 3-way valve at the liquid, suction gas, and discharge gas side. Install the joint pipe appropriately so that it can be connected easily with the main pipe.
- Braze the joint pipe at the liquid, suction gas, and discharge gas side with the main pipe.

**NOTE:** Be sure to supply nitrogen when brazing.




*: Locally purchased part and accessory depend on the model, so for details, refer to "Accessories" in Chapter 3. OUTDOOR UNITS on page 03-59.


SYSTEM DESIGN

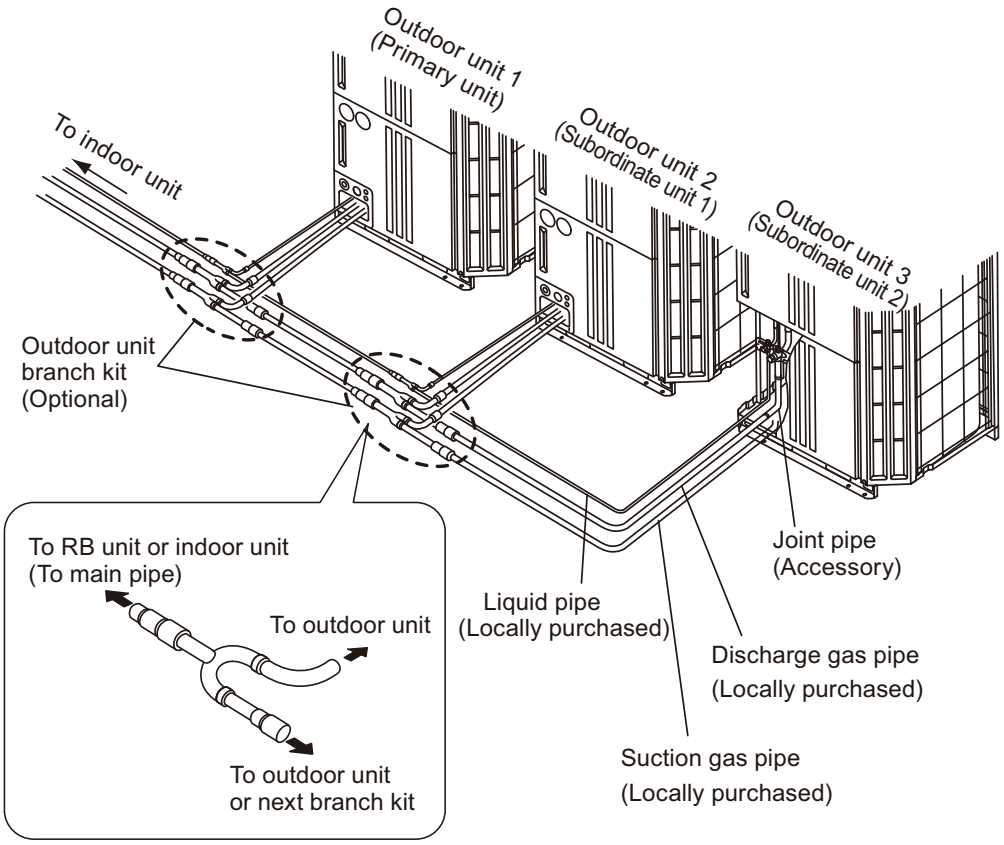
# 3-2. Outdoor Unit Branch Kit

| System | Model name | Quantity |
|---|---|---|
| 2 outdoor unit | UTP-DX567A | 1 |
| 3 outdoor unit | | 2 |

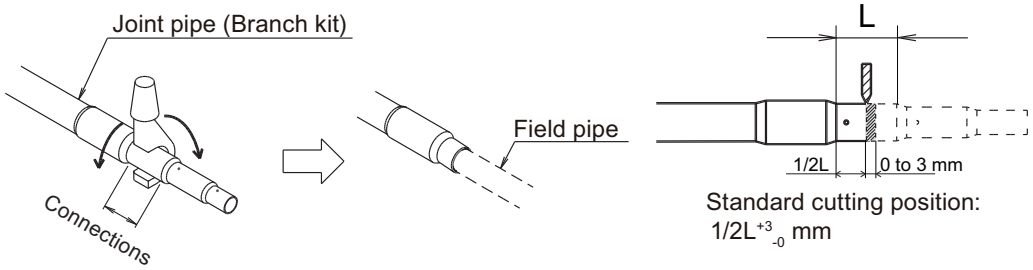
When using single outdoor unit, Outdoor Unit Branch Kit is not necessary.

## ■ Installation

Make sure to connect Outdoor Unit Branch Kit in correct direction.

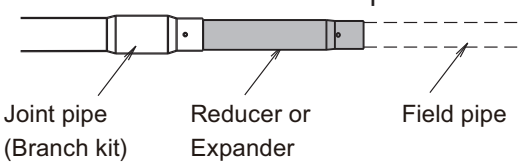



Use pipe cutter to cut at the location which matches the piping size when the piping size is different.




**NOTE:** Insert the field pipe firmly until it touches the joint pipe (Outdoor Unit Branch Kit).

When the pipe size of the Outdoor Unit Branch Kit itself does not match, or when piping sizes differ ever if it cuts the pipe, use attached reducer or attached expander.





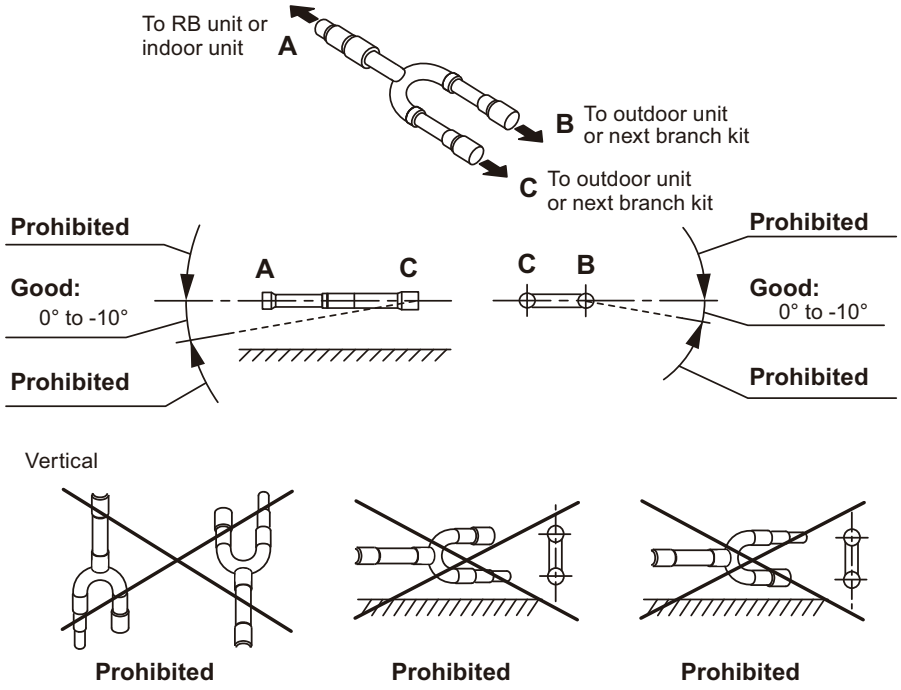
SYSTEM DESIGN

# ■ Restriction when install

Be sure following restriction.

For details, refer to the installation instruction sheet of the Outdoor Unit Branch Kit.

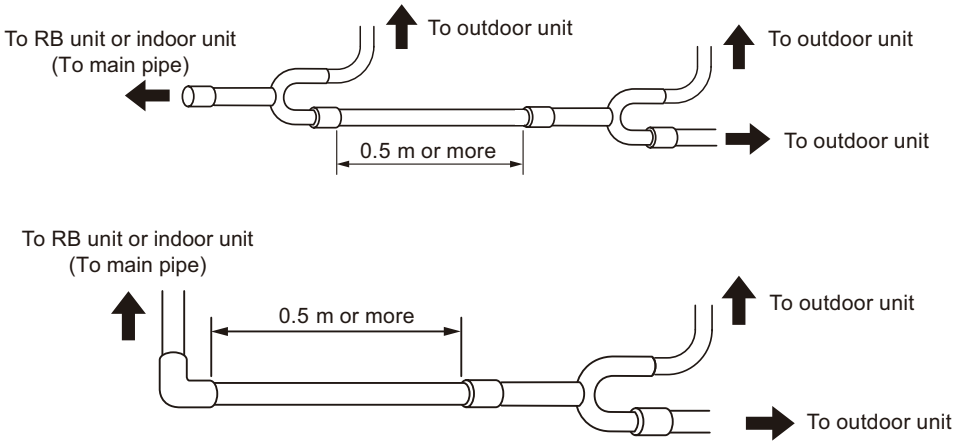
- **Installation angle**
  Outdoor Unit Branch Kit should be installed horizontally.




**NOTES:**

- Install the Outdoor Unit Branch Kit horizontally level within 0° to -10° so that the refrigerant separate evenly.
- Do not install the Outdoor Unit Branch Kit vertically.

- **Straight pipe length**
  Leave the distance 0.5 m or more for straight part to Outdoor Unit Branch Kit.



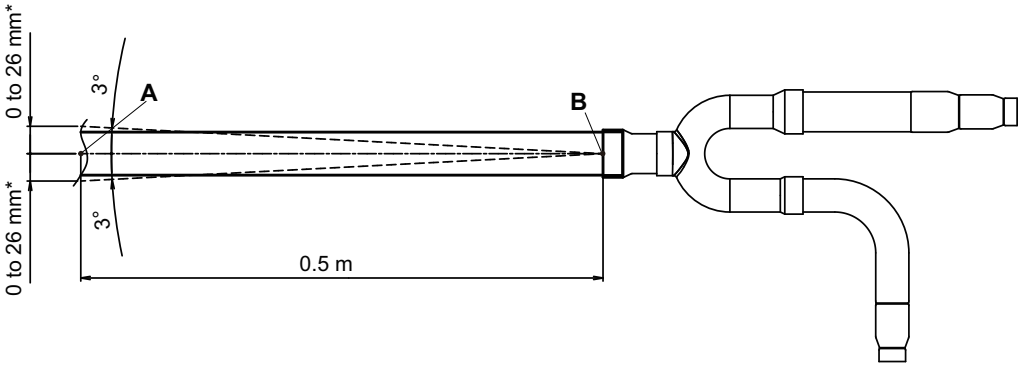

SYSTEM DESIGN

SYSTEM DESIGN

## ⚠ CAUTION

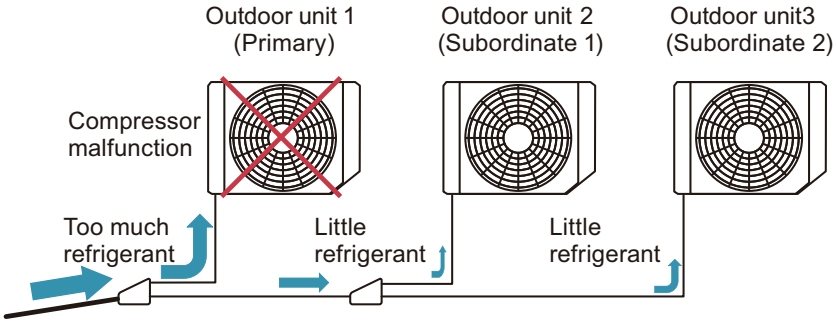
**About the connecting curvature of field pipe and Outdoor Unit Branch Kit:**

The filed pipe should be connected to the Outdoor Unit Branch Kit so that the curved angle on each side is 3 degree or less.




*: Allowed value based on “A” (center of field pipe) at 0.5 m from “B” (junction of the Outdoor Unit Branch Kit).

If the field pipe is connected with angle larger than specified, the balance of split refrigerant flow will be lost, and the refrigerant may concentrate upon specific outdoor unit as shown in the following figure. Such unbalanced refrigerant flow may cause a compressor malfunction.



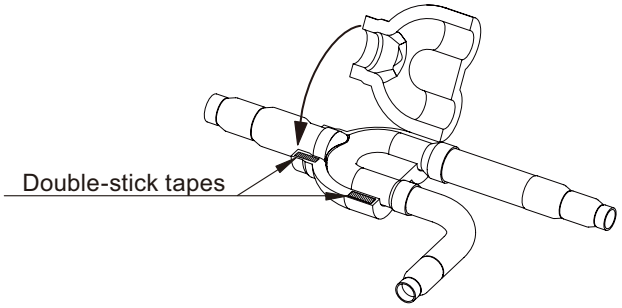



SYSTEM DESIGN

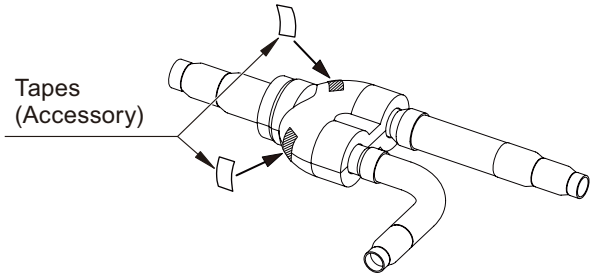
# ■ Heat insulation installation

After brazing the pipes and leak check, use the supplied insulation to insulate them. (on liquid and gas pipes)

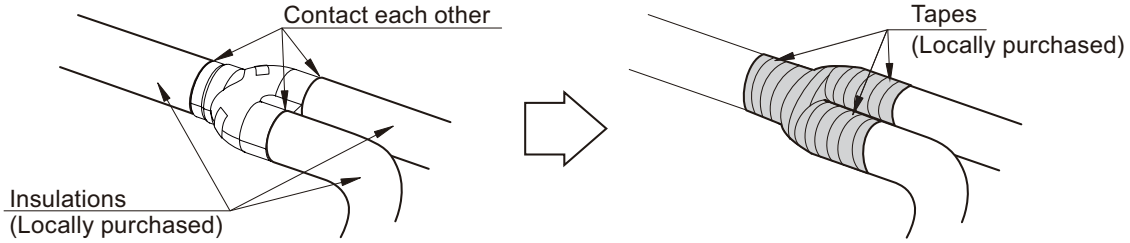
1. Remove the protective sheet from the double-stick tape that is affixed to the heat insulation.




2. Be sure to install the tape (accessory) in each heat insulation to the 2 positions as shown in the following figure.




3. Use tape (locally purchased) to seal the seam so that there will be gap at the junction between the aforementioned heat insulation and the heat insulation on the local piping.



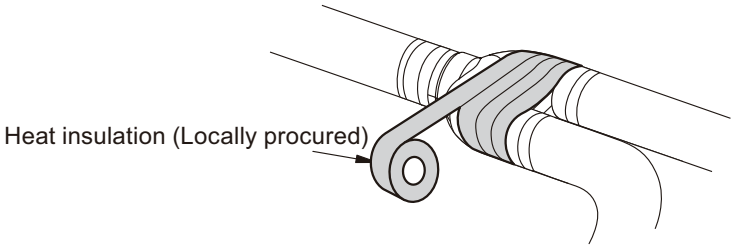



SYSTEM DESIGN

**⚠ CAUTION**

- Insulate the liquid and gas pipe completely. If not, it may cause the water condensation or performance reduction.
- Wrap the heat insulation with tape or pipe cover in order to extend the life time of heat insulation.
- Take proper measurement to strengthen by using another heat insulation at the following installation environment.
  - Environment temperature ≥ 35 °C and humidity 85%
  - Environment temperature ≥ 25 °C and humidity 90%

Installation example



# 3-3. EV Kit

**An EV Kit must be required for EEV external models on the liquid pipe side.**

Following indoor units require EV Kit.

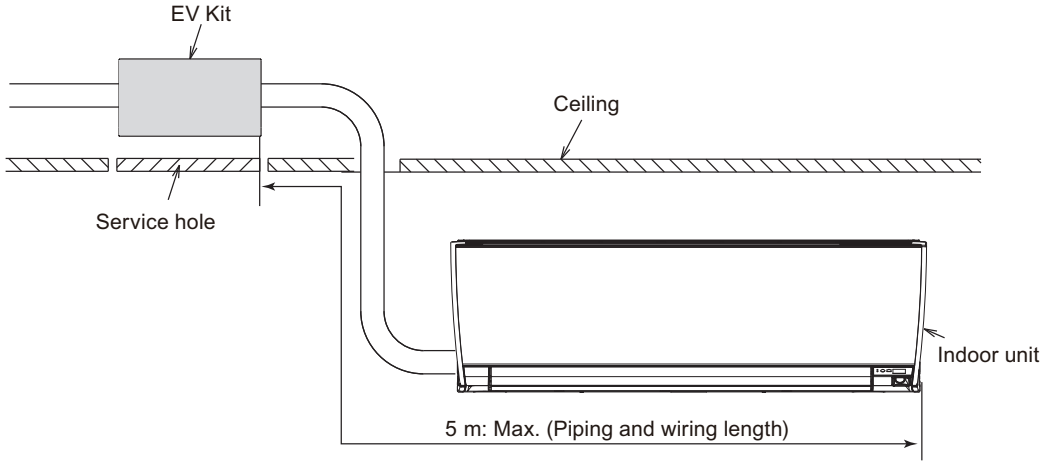
| Model | Applicable indoor unit | |
|---|---|---|
| | Type | Model |
| UTR-EV09XB | Wall mounted | AS∗E004GCEH, AS∗E007GCEH, AS∗E009GCEH |
| | Compact floor | AG∗E004GCEH, AG∗E007GCEH, AG∗E009GCEH |
| UTR-EV14XB | Wall mounted | AS∗E012GCEH, AS∗E014GCEH |
| | Compact floor | AG∗E012GCEH, AG∗E014GCEH |

**NOTES:**

- A wrong selection could cause improper operation, because the built-in electronic expansion valve is different.
- Select the above indoor unit for use in small and quiet rooms such as hotel or bedroom where noise would be a distraction.

## ■ Installation location

- Keep the installed piping and wiring length less than 5 m.
  The length between the EV Kit and the indoor unit should be included when designing the system.
- EV Kit should be considered to install away from the living quarters, such as above the ceiling.
- Install the EV Kit where it can be accessed for servicing.




**⚠ CAUTION**

Do not install EV Kit in a place with any of the following conditions.

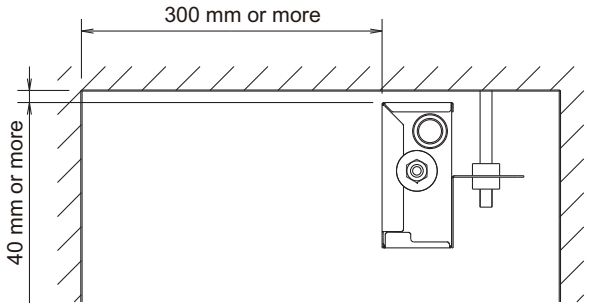
- Do not install the EV Kit outdoor.
- Do not install the EV Kit where the danger of combustible gas leakage.
- Do not install the EV Kit where near a fire place or other heating apparatus.
- Do not install the EV Kit where oily smoke, machine oil (i.e. factory), salty environment with direct sea breeze.
- Do not install the EV Kit where too much of dust.
- Do not install the EV Kit where corrosive gas such as sulphurous acid gas is generated.
- Do not install the EV Kit where exposed to rains and direct sunlight.

Decide the installation location with the customers as follows:

- Install EV Kit level on strong wall, floor, ceiling which is not subject to vibration.
- Install EV Kit where the connection pipe can be easily installed.
- Install EV Kit where vibration and noise are not amplified.


SYSTEM DESIGN

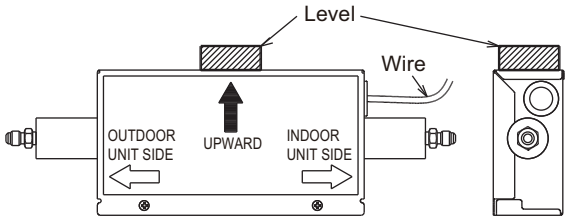
- Take servicing, etc. into consideration and leave the space as follows.




# ■ Installation

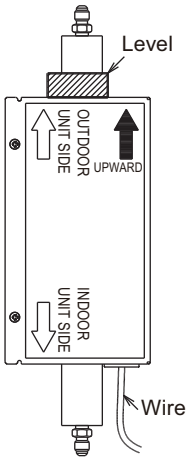
## ⚠ CAUTION

- The installation direction can be selected either horizontal (pattern A) or vertical (pattern B), but keep the inclination within 5°.
  - Pattern A




Horizontal installation

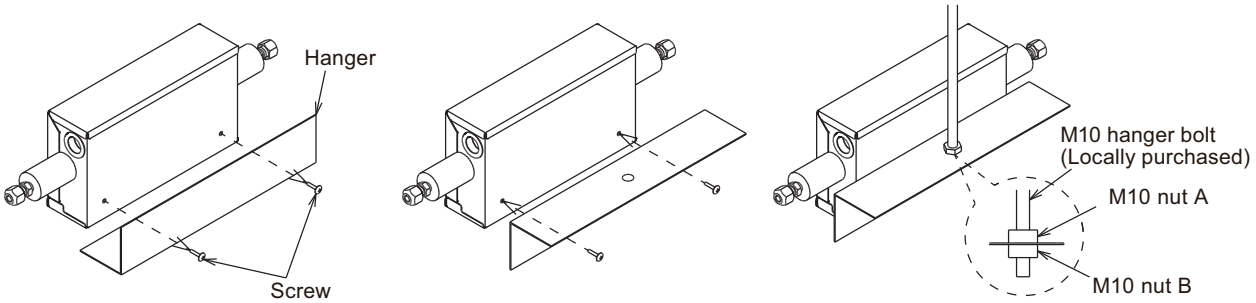
  - Pattern B




Vertical installation

- Incorrect installation direction or angle may cause improper operation.

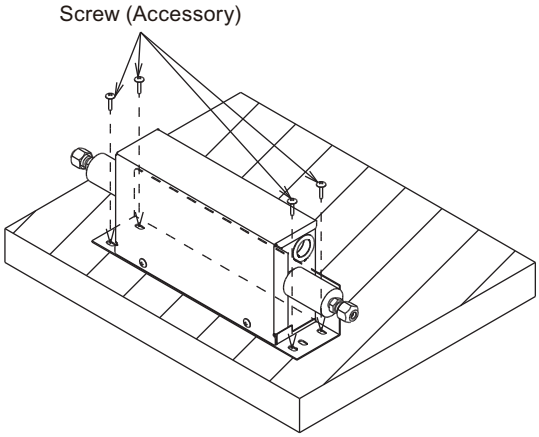
- **Suspended installation**
  Remove the 2 screws and replace them with the hanger.
  Use hanger bolts to fasten the hanger.



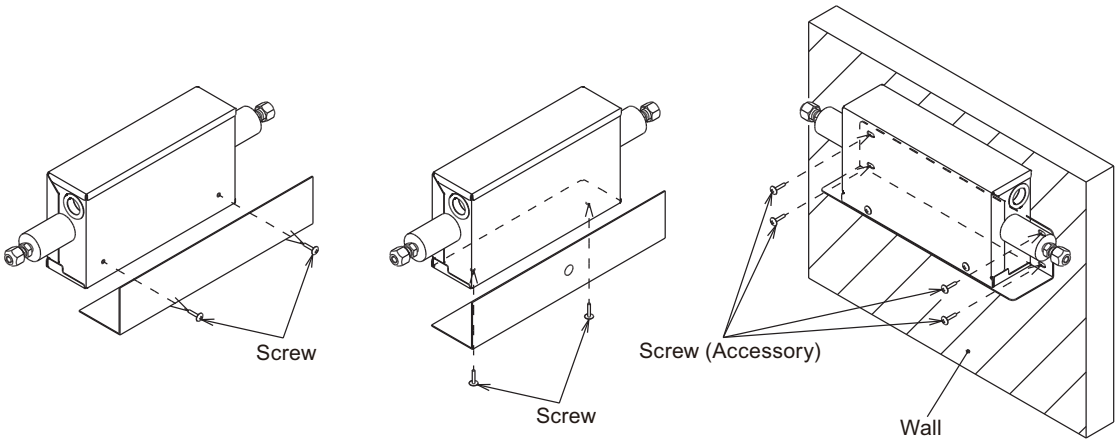


SYSTEM DESIGN

- **Floor installation**
  Use 4 screws (accessory) to fasten the unit to the floor.




- **Wall installation**
  Remove the 2 screws and replace them with the hanger.
  Use 4 screws (accessory) to fasten the unit to the wall.



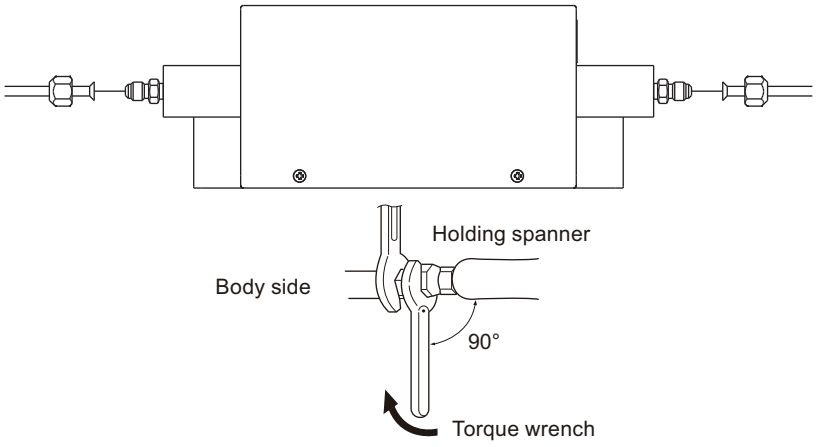



## ■ Connect the pipes

Connect EV Kit to liquid pipe of EEV external models indoor unit.

| Pipe size | mm (in) | Indoor unit side / Outdoor unit side | Ø6.35 (Ø1/4) | Flare connection |
|---|---|---|---|---|

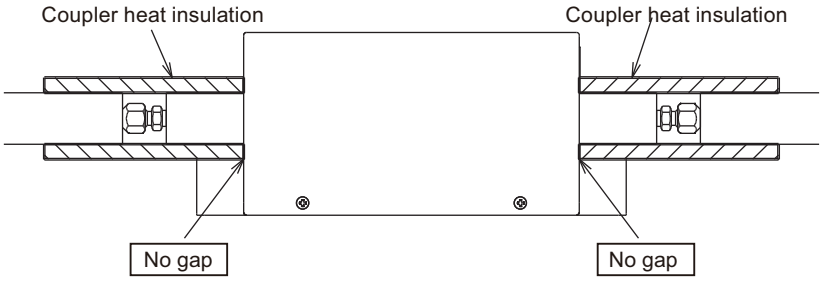
Use a torque wrench to tighten the flare nut.




| Pipe size | mm (in) | Ø6.35 (Ø1/4) |
|---|---|---|
| Tightening torque | N•m | 16.0 to 18.0 |

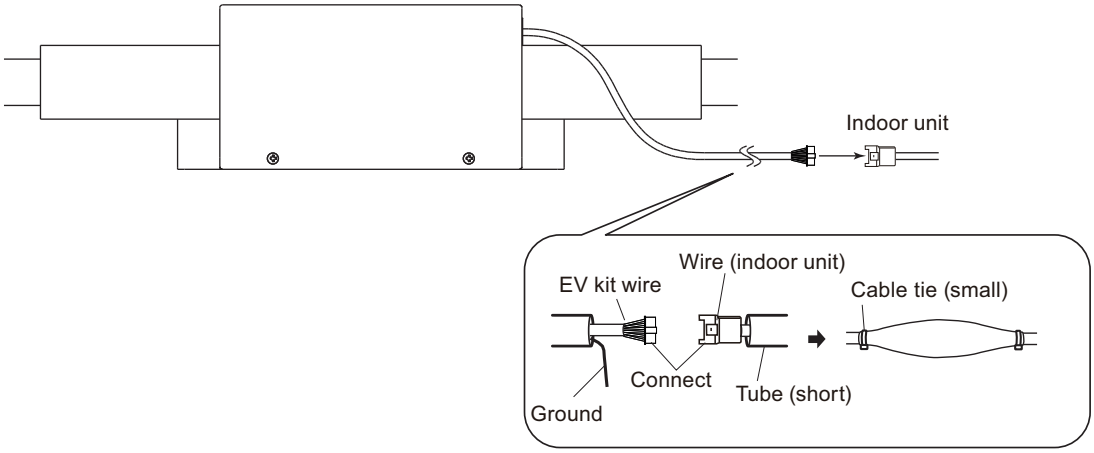
## ■ Attach the insulation material

Insulation by the coupler heat insulation around the pipe.




## ■ Wiring procedure

1. Connect the EV Kit wire to the indoor unit.
2. Wrap the tube around the connection, and fasten both ends cable ties.
3. Connect the ground to the indoor unit.




**⚠ CAUTION**

Never bundle the wire with power supply.

## ■ Specifications

| Model name | | UTR-EV09XB | UTR-EV14XB |
|---|---|---|---|
| Dimensions (H × W × D) | mm | 121 × 416 × 65 | |
| Weight | g | 1,500 | |
| Connection wire length method | m | 5 | |


SYSTEM DESIGN

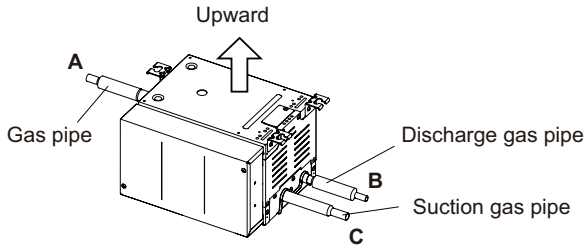
# 3-4. RB Unit

| Total cooling capacity of indoor unit (kW) | Model name |
|---|---|
| 8.0 or less | UTP-RX01AH |
| 18.0 or less | UTP-RX01BH |
| 28.0 or less | UTP-RX01CH |
| 18.0 or less (For 1 branch)<br>56.0 or less (Sum total of 4 branches)* | UTP-RX04BH |
| 8.0 or less (For 1 branch)<br>72.0 or less (Sum total of 8 branches) | UTP-RX08AH |
| 8.0 or less (For 1 branch)<br>95.0 or less (Sum total of 12 branches) | UTP-RX12AH |

*: In case of two RB Units connected in the series (total 8 branches), maximum capacity of connectable indoor units is up to 56.0 kW.

**NOTE:** For maximum connectable indoor unit number per branch, refer to "Connectable indoor unit within 1 RB Unit" on page 06-3.

## ■ Single type (UTP-RX01AH, UTP-RX01BH, and UTP-RX01CH)





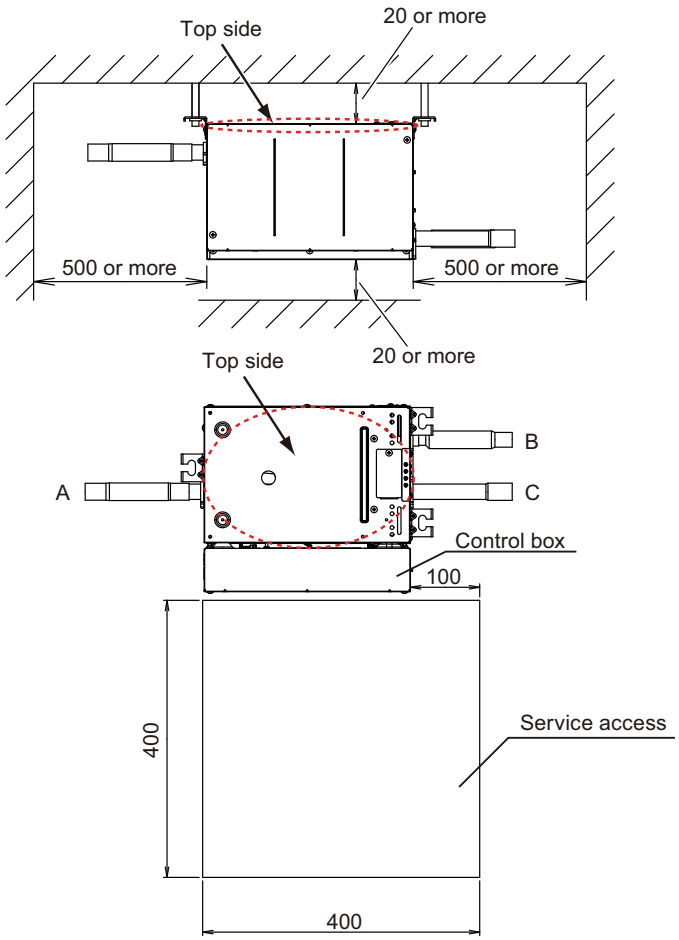
SYSTEM DESIGN

# ● Installation

Be sure to install so that the top side faces up.

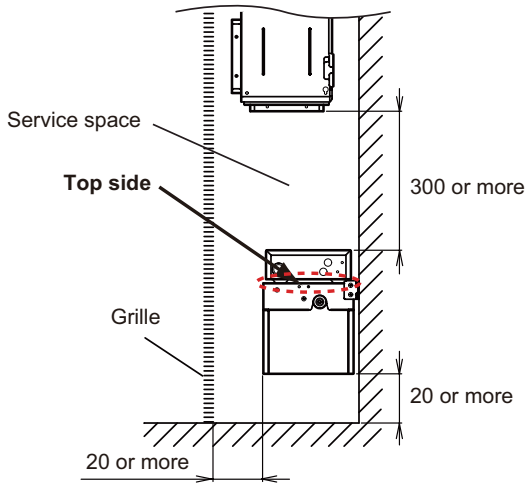
Unit: mm

- **Ceiling installation**




- **Wall installation**

E.g.: If installing a duct model vertically.

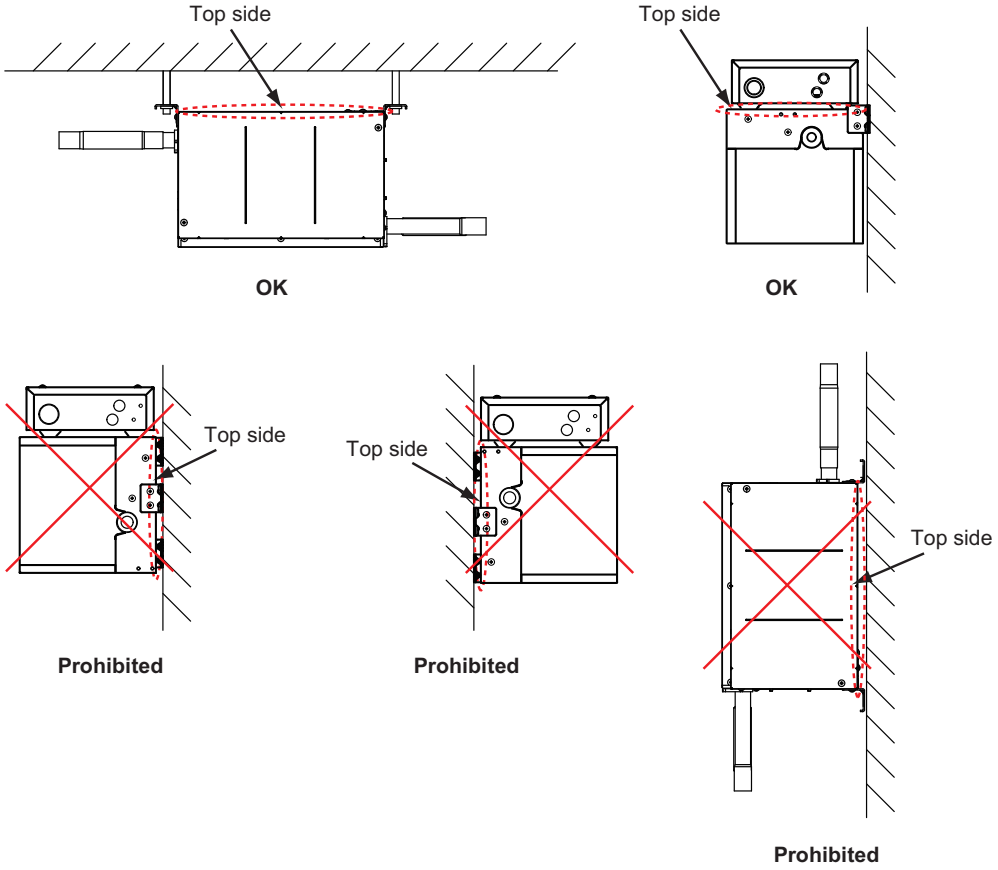





SYSTEM DESIGN

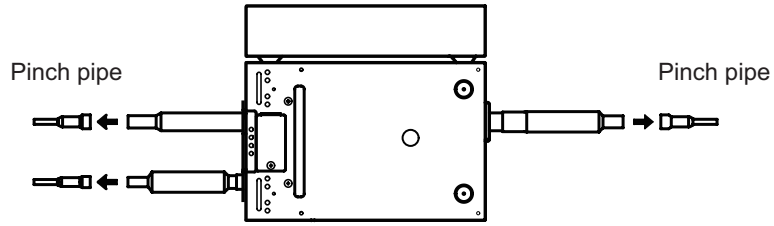
## ● Restriction when install

Be sure following restriction.

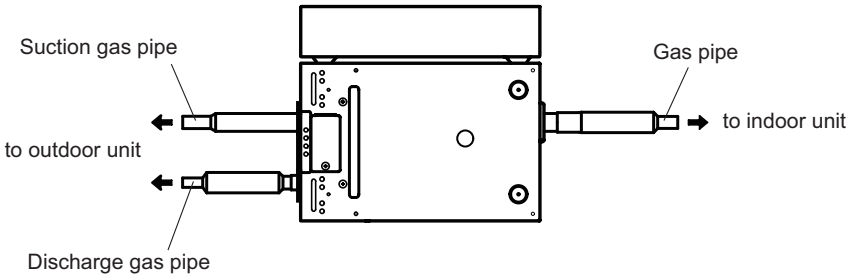



## ● Removing the pinch pipe

Melt the brazing filler metal on connecting part using a torch and remove the pinch pipe.




## ● Pipe size

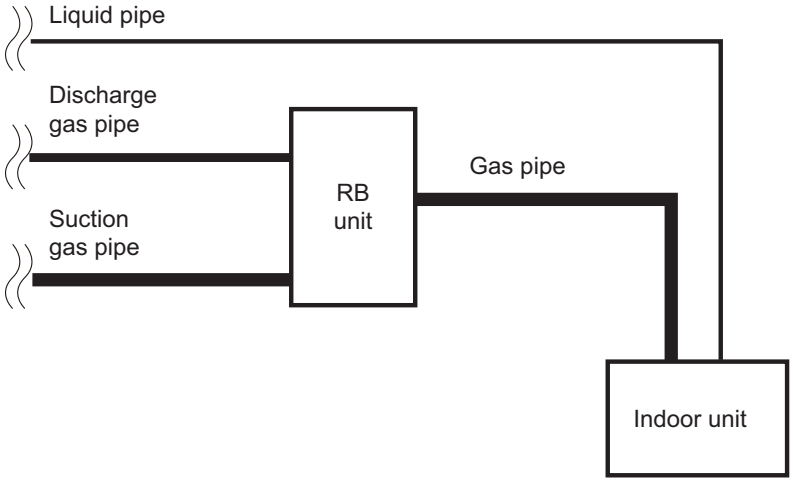



| Model name | Discharge gas pipe | Suction gas pipe | Gas pipe |
|---|---|---|---|
| | mm (in) | | |
| UTP-RX01AH | 9.52 (3/8) | 12.70 (1/2) | 12.70 (1/2) |
| UTP-RX01BH | 12.70 (1/2) | 19.05 (3/4) | 19.05 (3/4) |
| UTP-RX01CH | 19.05 (3/4) | 22.22 (7/8) | 22.22 (7/8) |


SYSTEM DESIGN

# ● Connection pipe size selection

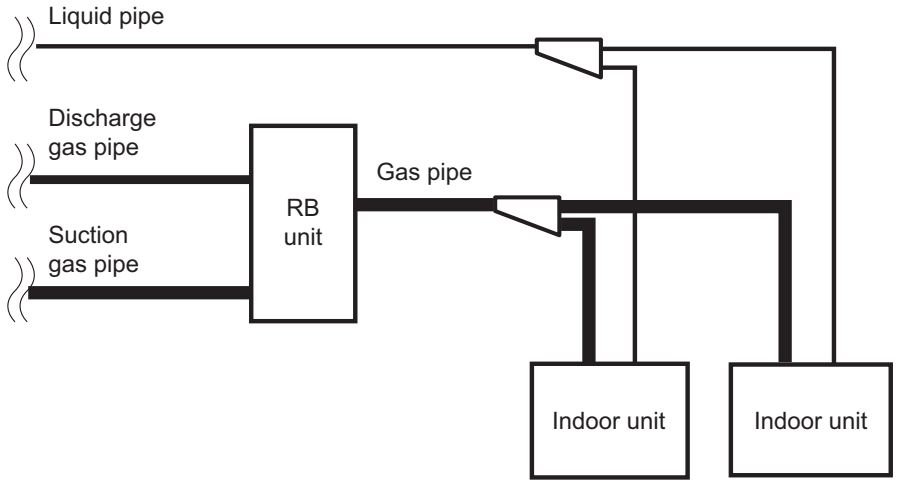
- **When only 1 indoor unit is connected**




| Model name | Indoor unit capacity | Liquid pipe | Discharge gas pipe | Suction gas pipe | Gas pipe |
|---|---|---|---|---|---|
| | kW | mm (in) | | | |
| UTP-RX01AH | 1.1, 2.2, 2.8, 3.6, 4.5 | 6.35 (1/4) | 9.52 (3/8) | 12.70 (1/2) | 12.70 (1/2) |
| | 5.6, 7.1, 8.0 | 9.52 (3/8) | 12.70 (1/2) + Reducer-A | 15.88 (5/8) + Reducer-B | 15.88 (5/8) + Reducer-B |
| UTP-RX01BH | 1.1, 2.2, 2.8, 3.6, 4.5 | 6.35 (1/4) | 9.52 (3/8) + Reducer-C | 12.70 (1/2) + Reducer-E | 12.70 (1/2) + Reducer-E |
| | 5.6, 7.1, 8.0, 9.0, 10.0 | 9.52 (3/8) | 12.70 (1/2) | 15.88 (5/8) + Reducer-E | 15.88 (5/8) + Reducer-E |
| | 11.2, 12.5, 14.0 | 9.52 (3/8) | 12.70 (1/2) | 19.05 (3/4) | 19.05 (3/4) |
| | 18.0 | 9.52 (3/8) | 15.88 (5/8) + Reducer-B | 19.05 (3/4) | 19.05 (3/4) |
| UTP-RX01CH | 22.4, 25.0 | 12.70 (1/2) | 19.05 (3/4) | 22.22 (7/8) | 22.22 (7/8) |


SYSTEM DESIGN

- **When 2 or more indoor units are connected**

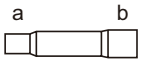
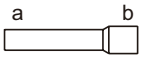
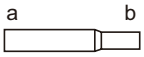
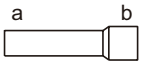
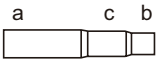
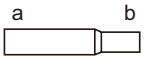



| Model name | Total cooling capacity of indoor unit | Liquid pipe | Discharge gas pipe | Suction gas pipe | Gas pipe |
|---|---|---|---|---|---|
| | kW | mm (in) | | | |
| UTP-RX01AH | 2.2 to 8.0 | 9.52 (3/8) | 12.70 (1/2) + Reducer-A | 15.88 (5/8) + Reducer-B | 15.88 (5/8) + Reducer-B |
| UTP-RX01BH | 2.2 to 11.1 | 9.52 (3/8) | 12.70 (1/2) | 15.88 (5/8) + Reducer-E | 15.88 (5/8) + Reducer-E |
| | 11.2 to 13.9 | 9.52 (3/8) | 12.70 (1/2) | 19.05 (3/4) | 19.05 (3/4) |
| | 14.0 to 18.0 | 12.70 (1/2) | 15.88 (5/8) + Reducer-B | 22.22 (7/8) + Reducer-D | 22.22 (7/8) + Reducer-D |
| UTP-RX01CH | 18.1 to 22.3 | 12.70 (1/2) | 15.88 (5/8) + Reducer-F | 22.22 (7/8) | 22.22 (7/8) |
| | 22.4 to 28.0 | 12.70 (1/2) | 19.05 (3/4) | 22.22 (7/8) | 22.22 (7/8) |


SYSTEM DESIGN

## ● Accessories

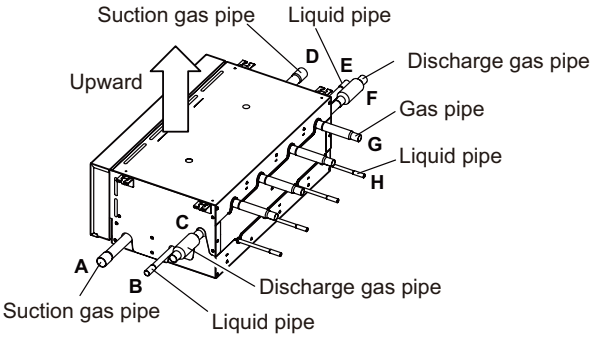
| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Installation manual | | 1 | Washer | | 6 |
| Hanger | | 3 | Cable tie | | 2 |
| Tapping screw A (Ø4 × 10) | | 6 | Cable clamp | | 1 |
| Tapping screw B (Ø4 × 25) | | 4 | | | |

| Part name | Exterior | Quantity | | |
|---|---|---|---|---|
| | | UTP-RX01AH | UTP-RX01BH | UTP-RX01CH |
| Reducer-A |  a: Ø9.52 mm (O.D.) b: Ø12.70 mm (I.D.) | 4 | — | — |
| Reducer-B |  a: Ø12.70 mm (O.D.) b: Ø15.88 mm (I.D.) | 2 | 1 | — |
| Reducer-C |  a: Ø12.70 mm (O.D.) b: Ø9.52 mm (I.D.) | — | 1 | — |
| Reducer-D |  a: Ø19.05 mm (O.D.) b: Ø22.22 mm (I.D.) | — | 1 | — |
| Reducer-E |  a: Ø19.05 mm (O.D.) b: Ø12.70 mm (I.D.) c: Ø15.88 mm (I.D.) | — | 2 | — |
| Reducer-F |  a: Ø19.05 mm (O.D.) b: Ø15.88 mm (I.D.) | — | — | 1 |



SYSTEM DESIGN

# ■ Multi type (UTP-RX04BH)

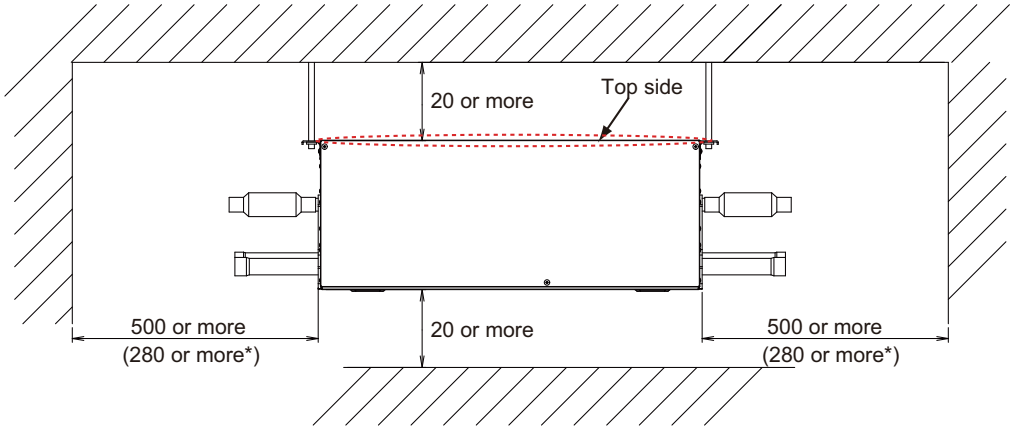



## ● Installation

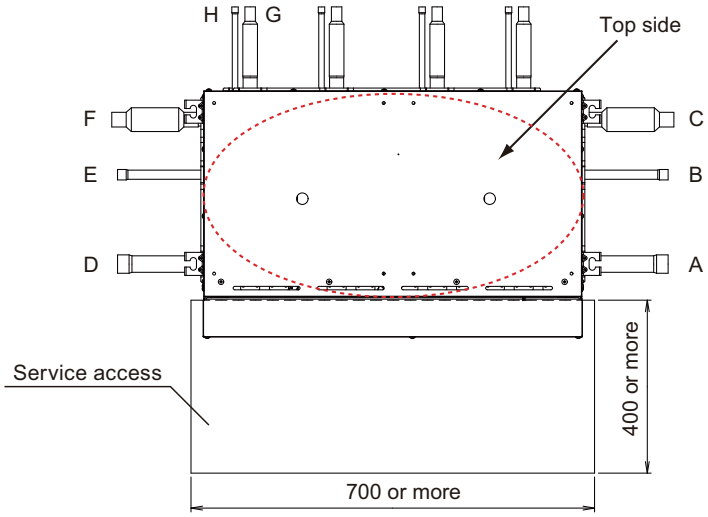
Be sure to install so that the top side faces up.

Unit: mm

- **Ceiling installation**




*: When piping is not connected

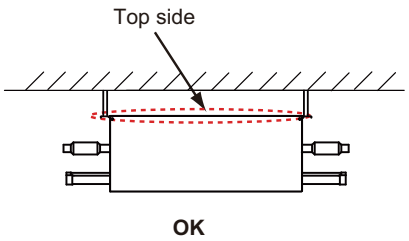


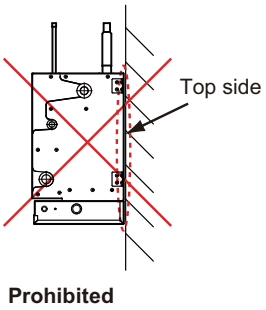


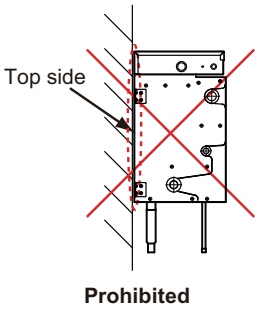

SYSTEM DESIGN

## ● Restriction when install

Be sure following restriction.



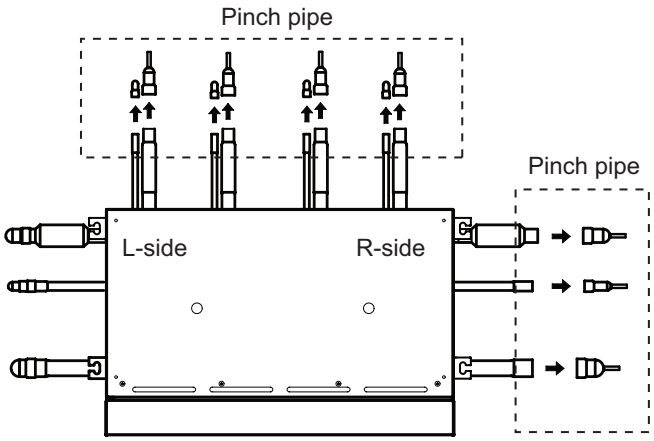



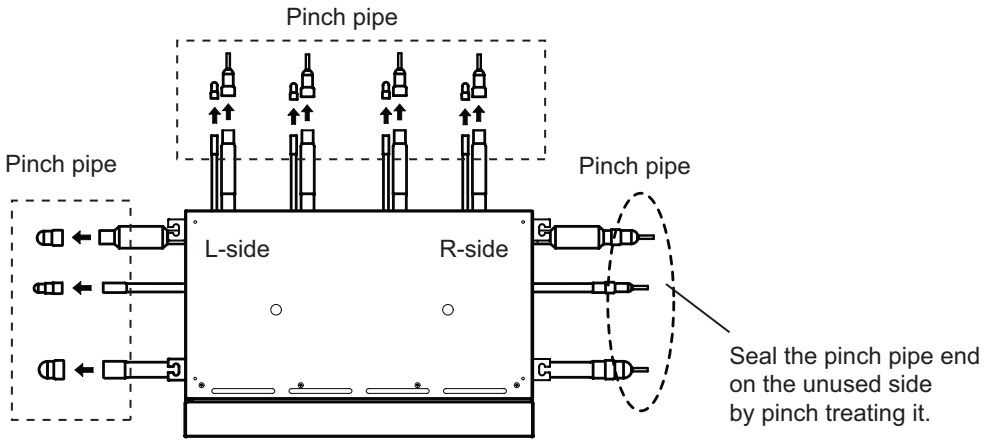

## ● Removing the pinch pipe

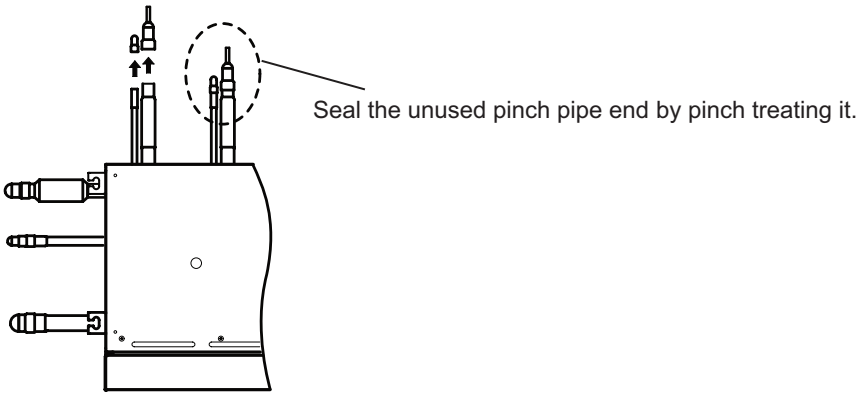
Melt the brazing filler metal on connecting part using a torch and remove the pinch pipe.

- **If using the R-side**




- **If using the L-side**

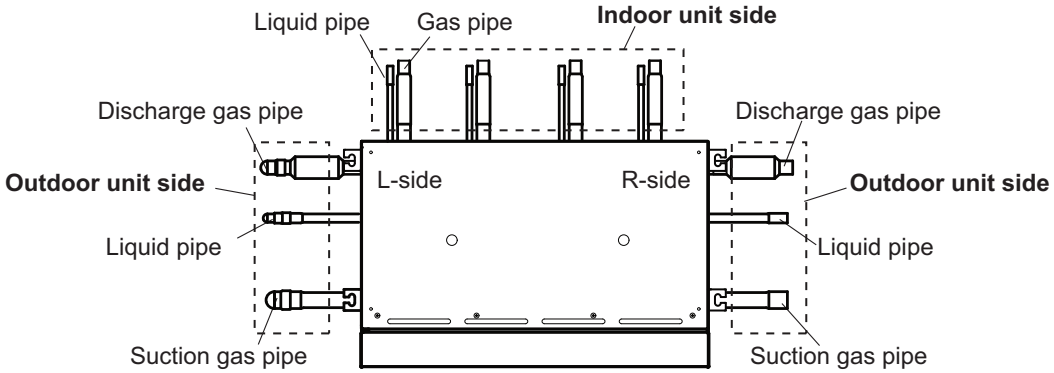





SYSTEM DESIGN

# ● Pipe size




- **Outdoor unit side**

| Liquid pipe | Discharge gas pipe | Suction gas pipe |
|---|---|---|
| mm (in) | | |
| 15.88 (5/8) | 22.22 (7/8) | 28.58 (1-1/8) |

- **Indoor unit side**

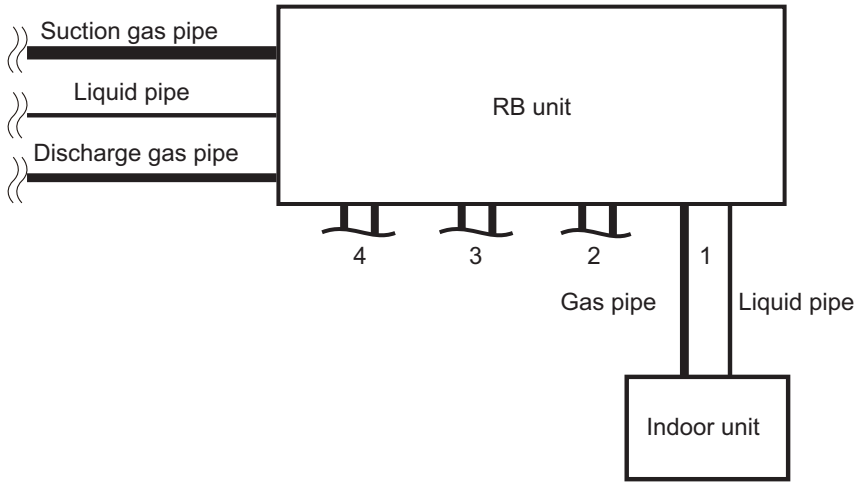
| Liquid pipe | Gas pipe |
|---|---|
| mm (in) | |
| 9.52 (3/8) | 19.05 (3/4) |



SYSTEM DESIGN

# ● Connection pipe size selection

- **When only 1 indoor unit is connected**




**NOTE:**
- Be sure to connect indoor unit to farthest port (position “1”) from outdoor unit.
- 4-port RB Unit must have connected at least 3 branches connected to an indoor unit of 1.1kW or higher.

– **Outdoor unit side**

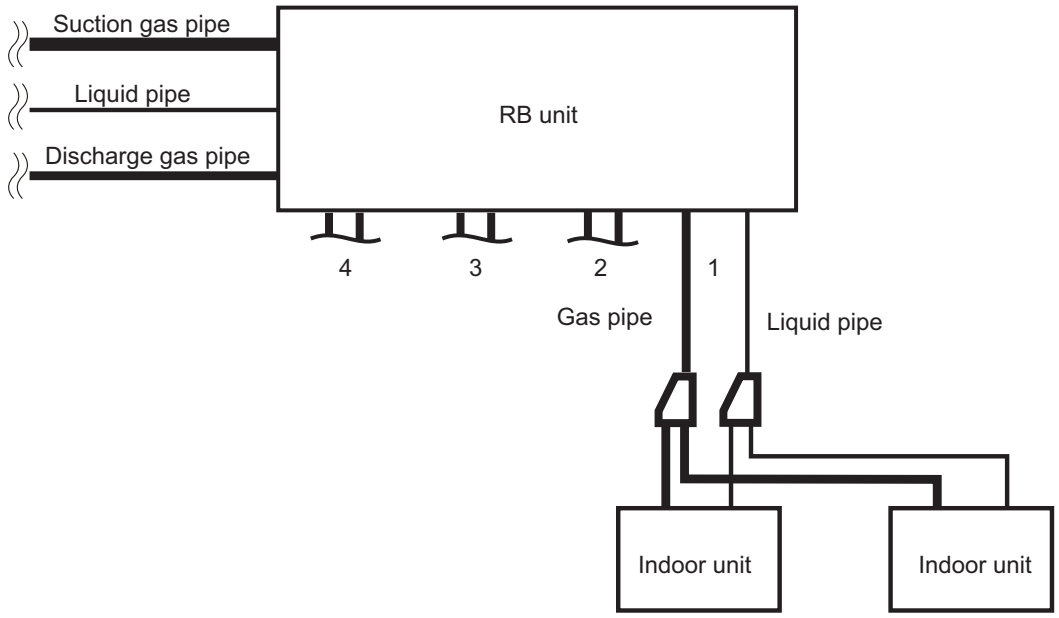
| Total capacity of indoor unit | Liquid pipe | Discharge gas pipe | Suction gas pipe |
|---|---|---|---|
| kW | mm (in) | | |
| 3.3 to 11.1 | 9.52 (3/8) + Reducer-M | 12.70 (1/2) + Reducer-L | 15.88 (5/8) + Reducer-K |
| 11.2 to 13.9 | 9.52 (3/8) + Reducer-M | 12.70 (1/2) + Reducer-L | 19.05 (3/4) + Reducer-K |
| 14.0 to 22.3 | 12.70 (1/2) + Reducer-M | 15.88 (5/8) + Reducer-L | 22.22 (7/8) + Reducer-K |
| 22.4 to 28.0 | 12.70 (1/2) + Reducer-M | 19.05 (3/4) + Reducer-L | 22.22 (7/8) + Reducer-K |
| 28.1 to 44.7 | 12.70 (1/2) + Reducer-M | 19.05 (3/4) + Reducer-L | 28.58 (1-1/8) |
| 44.8 to 46.9 | 15.88 (5/8) | 19.05 (3/4) + Reducer-L | 28.58 (1-1/8) |
| 47.0 to 56.0 | 15.88 (5/8) | 22.22 (7/8) | 28.58 (1-1/8) |

– **Indoor unit side**

| Indoor unit capacity | Liquid pipe | Gas pipe |
|---|---|---|
| kW | mm (in) | |
| 1.1, 2.2, 2.8, 3.6, 4.5 | 6.35 (1/4) + Reducer-H | 12.70 (1/2) + Reducer-J |
| 5.6, 7.1, 8.0, 9.0, 10.0 | 9.52 (3/8) | 15.88 (5/8) + Reducer-J |
| 11.2, 12.5, 14.0, 18.0 | 9.52 (3/8) | 19.05 (3/4) |


SYSTEM DESIGN

- **When 2 or more indoor units are connected**




**NOTE:** Be sure to connect indoor unit to farthest port (position “1”) from outdoor unit.

– **Outdoor unit side**

| Total capacity of indoor unit | Liquid pipe | Discharge gas pipe | Suction gas pipe |
|---|---|---|---|
| kW | mm (in) | | |
| 3.3 to 11.1 | 9.52 (3/8) + Reducer-M | 12.70 (1/2) + Reducer-L | 15.88 (5/8) + Reducer-K |
| 11.2 to 13.9 | 9.52 (3/8) + Reducer-M | 12.70 (1/2) + Reducer-L | 19.05 (3/4) + Reducer-K |
| 14.0 to 22.3 | 12.70 (1/2) + Reducer-M | 15.88 (5/8) + Reducer-L | 22.22 (7/8) + Reducer-K |
| 22.4 to 28.0 | 12.70 (1/2) + Reducer-M | 19.05 (3/4) + Reducer-L | 22.22 (7/8) + Reducer-K |
| 28.1 to 44.7 | 12.70 (1/2) + Reducer-M | 19.05 (3/4) + Reducer-L | 28.58 (1-1/8) |
| 44.8 to 46.9 | 15.88 (5/8) | 19.05 (3/4) + Reducer-L | 28.58 (1-1/8) |
| 47.0 to 56.0 | 15.88 (5/8) | 22.22 (7/8) | 28.58 (1-1/8) |

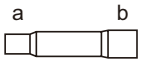
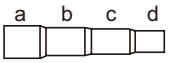
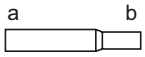
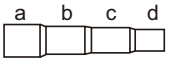
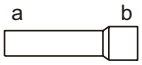
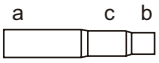
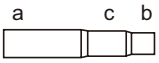
– **Indoor unit side**

| Total capacity of indoor unit | Liquid pipe | Gas pipe |
|---|---|---|
| kW | mm (in) | |
| 2.2 to 11.1 | 9.52 (3/8) | 15.88 (5/8) + Reducer-J |
| 11.2 to 13.9 | 9.52 (3/8) | 19.05 (3/4) |
| 14.0 to 18.0 | 12.70 (1/2) + Reducer-G | 22.22 (7/8) + Reducer-I |


SYSTEM DESIGN

# ● Accessories

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Installation manual | | 1 | Washer | | 8 |
| Hanger | | 4 | Cable tie | | 5 |
| Tapping screw (Ø4 × 10) | | 8 | | | |

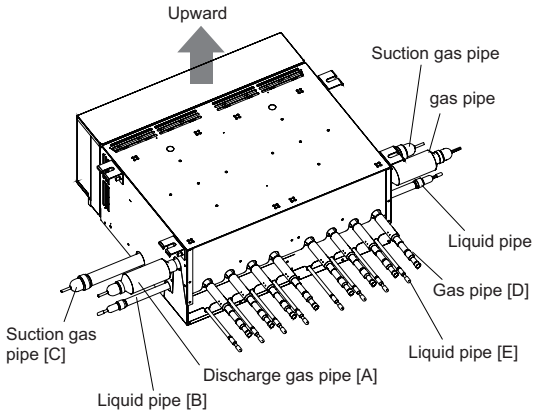
| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Reducer-G |  a: Ø9.52 mm (O.D.) b: Ø12.70 mm (I.D.) | 4 | Reducer-K |  a: Ø28.58 mm (O.D.) b: Ø22.22 mm (I.D.) c: Ø19.05 mm (I.D.) d: Ø15.88 mm (I.D.) | 2 |
| Reducer-H |  a: Ø9.52 mm (O.D.) b: Ø6.35 mm (I.D.) | 4 | Reducer-L |  a: Ø22.22 mm (O.D.) b: Ø19.05 mm (I.D.) c: Ø15.88 mm (I.D.) d: Ø12.70 mm (I.D.) | 2 |
| Reducer-I |  a: Ø19.05 mm (O.D.) b: Ø22.22 mm (I.D.) | 2 | Reducer-M |  a: Ø15.88 mm (O.D.) b: Ø12.70 mm (I.D.) c: Ø9.52 mm (I.D.) | 2 |
| Reducer-J |  a: Ø19.05 mm (O.D.) b: Ø12.70 mm (I.D.) c: Ø15.88 mm (I.D.) | 2 | | | |



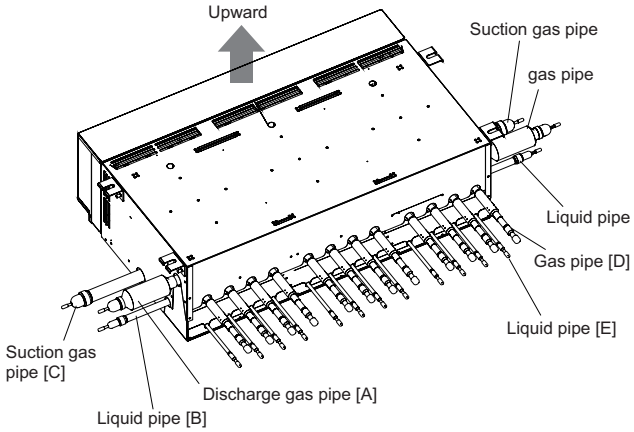
SYSTEM DESIGN

# ■ Multi type (UTP-RX08AH, UTP-RX12AH)

- **UTP-RX08AH**




- **UTP-RX12AH**





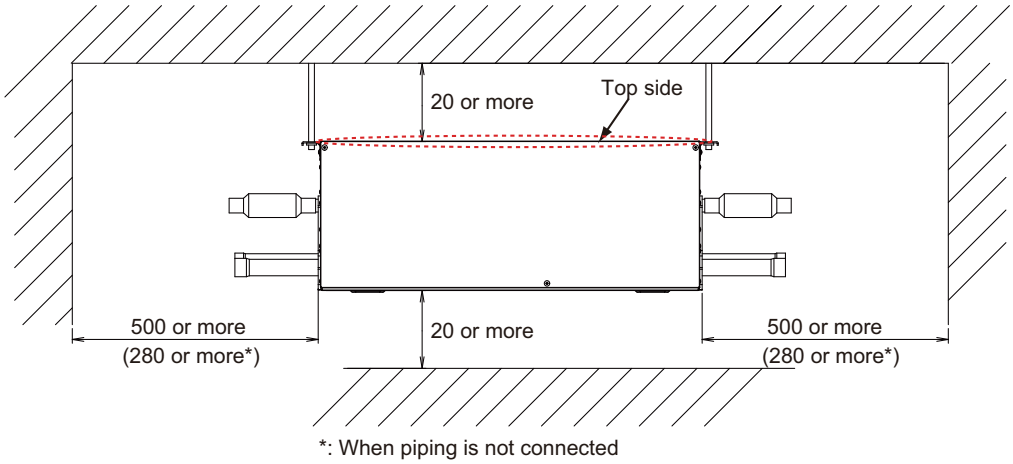

SYSTEM DESIGN

# ● Installation

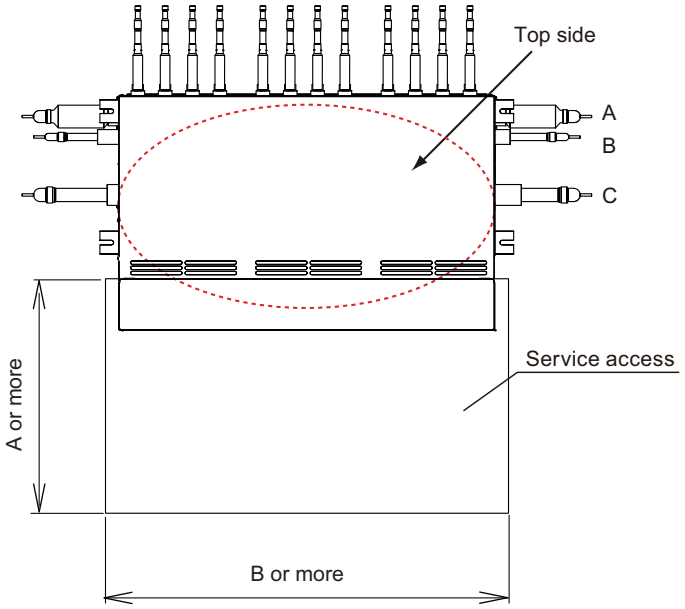
Be sure to install so that the top side faces up.

Unit: mm

- **Ceiling installation**



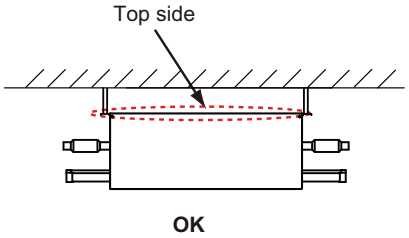

*: When piping is not connected



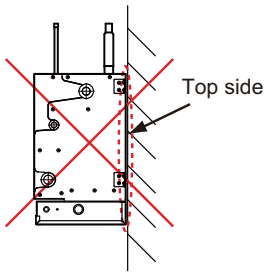

| | A | B |
|---|---|---|
| UTP-RX08AH | 470 | 770 |
| UTP-RX12AH | 470 | 1,100 |

# ● Restriction when install

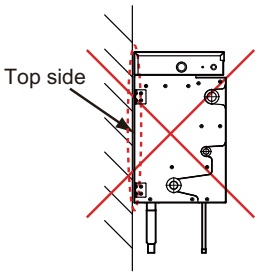
Be sure following restriction.




**OK**




**Prohibited**




**Prohibited**

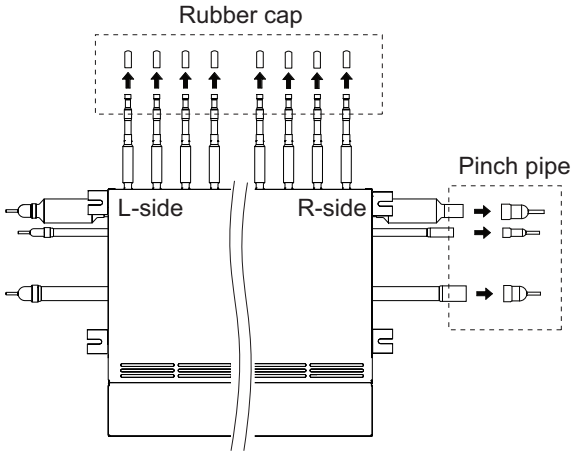


SYSTEM DESIGN

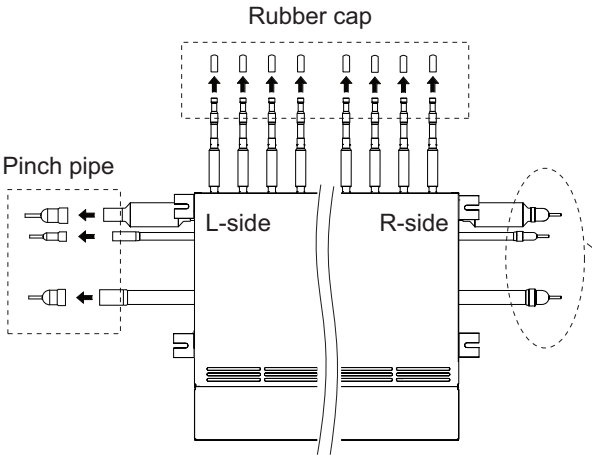
## ● Removing the pinch pipe

Melt the brazing filler metal on connecting part using a torch and remove the pinch pipe.

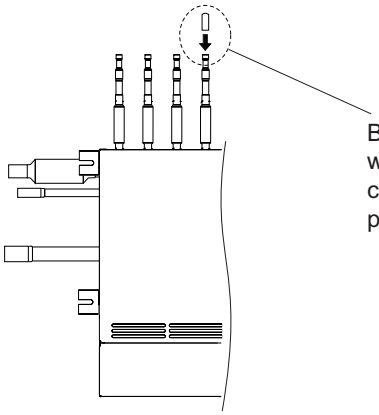
- **If using the R-side**




- **If using the L-side**




Seal the pinch pipe end on the unused side by pinch treating it.

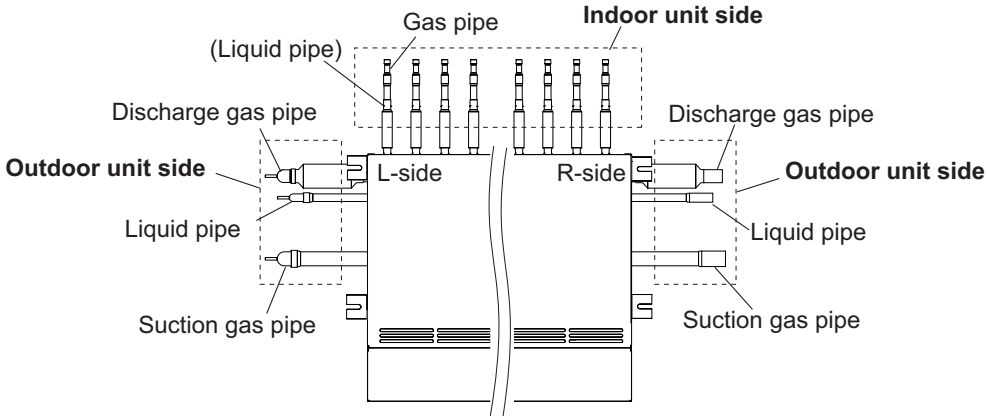


Branches that are not in use should be closed off with the closed-end pipe (accessories). If more closed-end pipes than the ones provided are required, procure them locally.



SYSTEM DESIGN

# ● Pipe size




- **Outdoor unit side**

| Liquid pipe | Discharge gas pipe | Suction gas pipe |
|---|---|---|
| mm (in) | | |
| 19.05 (3/4) | 28.58 (1-1/8) | 34.92 (1-3/8) |

- **Indoor unit side**

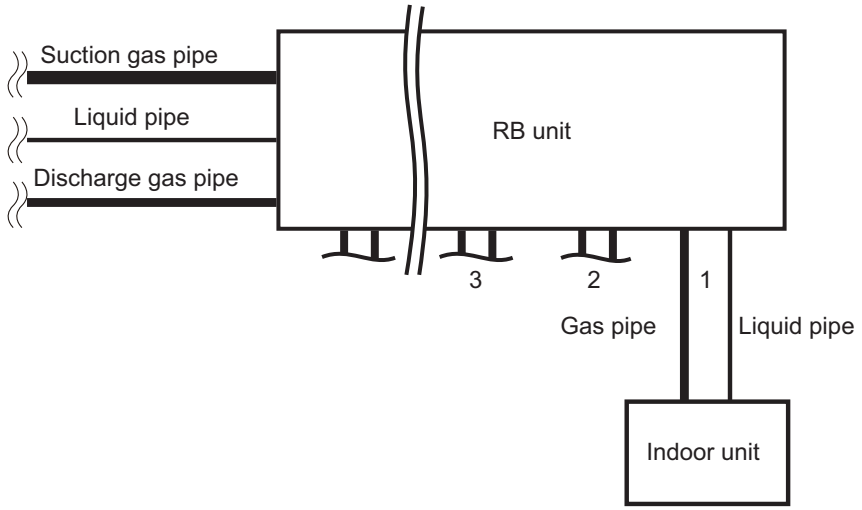
| Liquid pipe | Gas pipe |
|---|---|
| mm (in) | |
| 6.35 (1/4) | 12.7 (1/2) |



SYSTEM DESIGN

# ● Connection pipe size selection

- **When only 1 indoor unit is connected**




**NOTE:** Be sure to connect indoor unit to farthest port (position “1”) from outdoor unit.

– **Outdoor unit side**

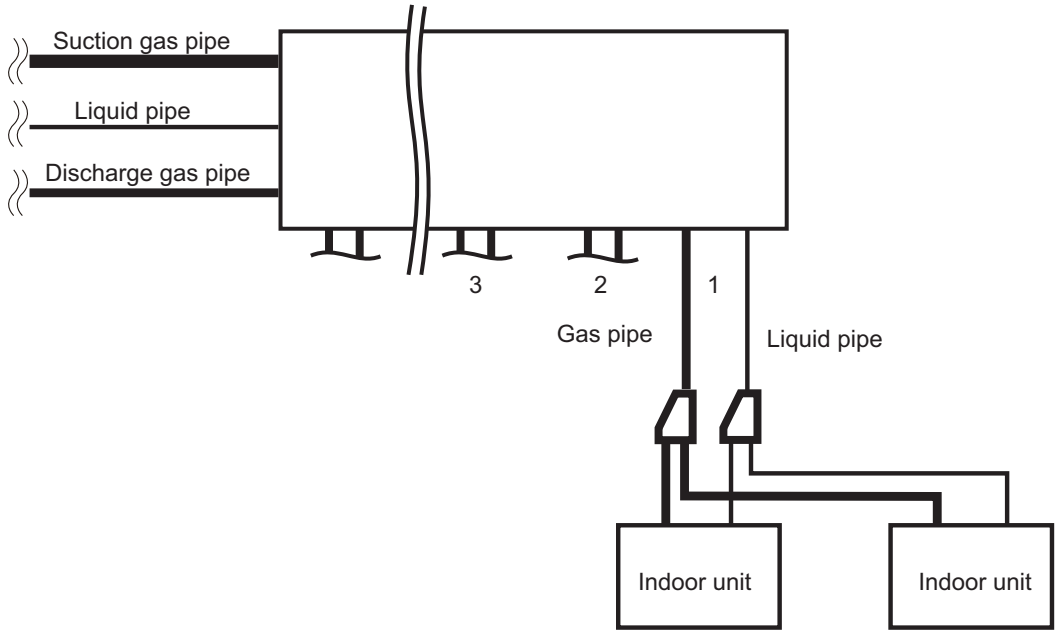
| Total capacity of indoor unit | Liquid pipe | Discharge gas pipe | Suction gas pipe |
|---|---|---|---|
| kW | mm (in) | | |
| 1.1 to 11.1 | 9.52 (3/8) + Reducer | 12.70 (1/2) + Reducer | 15.88 (5/8) + Reducer |
| 11.2 to 13.9 | 9.52 (3/8) + Reducer | 12.70 (1/2) + Reducer | 19.05 (3/4) + Reducer |
| 14.0 to 22.3 | 12.70 (1/2) + Reducer | 15.88 (5/8) + Reducer | 22.22 (7/8) + Reducer |
| 22.4 to 28.0 | 12.70 (1/2) + Reducer | 19.05 (3/4) + Reducer | 22.22 (7/8) + Reducer |
| 28.1 to 44.7 | 12.70 (1/2) + Reducer | 19.05 (3/4) + Reducer | 28.58 (1-1/8) + Reducer |
| 44.8 to 46.9 | 15.88 (5/8) + Reducer | 19.05 (3/4) + Reducer | 28.58 (1-1/8) + Reducer |
| 47.0 to 56.0 | 15.88 (5/8) + Reducer | 22.22 (7/8) + Reducer | 28.58 (1-1/8) + Reducer |
| 56.1 to 80.0 | 15.88 (5/8) + Reducer | 28.58 (1-1/8) | 34.92 (1-3/8) |
| 80.1 to 95.0 | 19.05 (3/4) | 28.58 (1-1/8) | 34.92 (1-3/8) |

– **Indoor unit side**

| Indoor unit capacity | Liquid pipe | Gas pipe |
|---|---|---|
| kW | mm (in) | |
| 1.1, 2.2, 2.8, 3.6, 4.5 | 6.35 (1/4) | 12.70 (1/2) |
| 5.6, 7.1, 8.0 | 9.52 (3/8) | 15.88 (5/8) |
| Over 8.0 | To connect an indoor unit with a capacity exceeding 8.0 kW, an optionally available separation tube kit must be used to merge 2 or 4 outlet pipe branches. For more detail, refer to the separation tube kit installation manual. | |


SYSTEM DESIGN

- **When 2 or more indoor units are connected**




**NOTE:** Be sure to connect indoor unit to farthest port (position “1”) from outdoor unit.

– **Outdoor unit side**

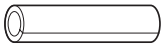
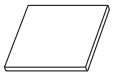
| Total capacity of indoor unit | Liquid pipe | Discharge gas pipe | Suction gas pipe |
|---|---|---|---|
| kW | mm (in) | | |
| 2.2 to 11.1 | 9.52 (3/8) + Reducer | 12.70 (1/2) + Reducer | 15.88 (5/8) + Reducer |
| 11.2 to 13.9 | 9.52 (3/8) + Reducer | 12.70 (1/2) + Reducer | 19.05 (3/4) + Reducer |
| 14.0 to 22.3 | 12.70 (1/2) + Reducer | 15.88 (5/8) + Reducer | 22.22 (7/8) + Reducer |
| 22.4 to 28.0 | 12.70 (1/2) + Reducer | 19.05 (3/4) + Reducer | 22.22 (7/8) + Reducer |
| 28.1 to 44.7 | 12.70 (1/2) + Reducer | 19.05 (3/4) + Reducer | 28.58 (1-1/8) + Reducer |
| 44.8 to 46.9 | 15.88 (5/8) + Reducer | 19.05 (3/4) + Reducer | 28.58 (1-1/8) + Reducer |
| 47.0 to 56.0 | 15.88 (5/8) + Reducer | 22.22 (7/8) + Reducer | 28.58 (1-1/8) + Reducer |
| 56.1 to 80.0 | 15.88 (5/8) + Reducer | 28.58 (1-1/8) | 34.92 (1-3/8) |
| 80.1 to 95.0 | 19.05 (3/4) | 28.58 (1-1/8) | 34.92 (1-3/8) |

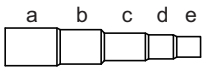
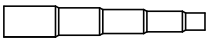
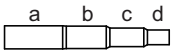
– **Indoor unit side**

| Total capacity of indoor unit | Liquid pipe | Gas pipe |
|---|---|---|
| kW | mm (in) | |
| 2.2 to 8.0 | 9.52 (3/8) | 15.88 (5/8) |


SYSTEM DESIGN

## ● Accessories

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Installation manual | | 1 | Washer | | 8 |
| Cable tie | | 08: 9<br>12: 13 | Coupler heat insulation |  | 2 |
| Closed-end pipe A (large) | | 3 | Cabinet insulation (230 × 230mm) |  | 1 |
| Closed-end pipe B (small) |  | 3 | | | |

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Reducer-A |  <br>a: Ø34.92 mm (O.D.)<br>b: Ø28.58 mm (I.D.)<br>c: Ø22.22 mm (I.D.)<br>d: Ø19.05 mm (I.D.)<br>e: Ø15.88 mm (I.D.) | 1 | Reducer-B |  <br>a: Ø28.58 mm (O.D.)<br>b: Ø22.22 mm (I.D.)<br>c: Ø19.05 mm (I.D.)<br>d: Ø15.88 mm (I.D.)<br>e: Ø12.70 mm (I.D.) | 1 |
| Reducer-C |  <br>a: Ø19.05 mm (O.D.)<br>b: Ø15.88 mm (I.D.)<br>c: Ø12.70 mm (I.D.)<br>d: Ø9.52 mm (I.D.) | 1 | | | |



SYSTEM DESIGN

# 3-5. Separation Tube

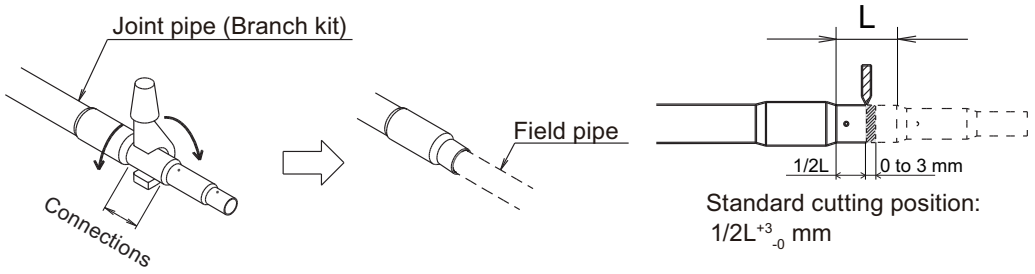
| Total cooling capacity of indoor unit (kW) | Model name | |
|---|---|---|
| | For 2 pipes | For 3 pipes |
| 19.6 or less | UTP-AX054A | — |
| 28.0 or less | UTP-AX090A | UTP-BX090A |
| 28.1 to 56.0 | UTP-AX180A | UTP-BX180A |
| 56.1 or more | UTP-AX567A | UTP-BX567A |

**NOTES:**

- Total cooling capacity of indoor unit is the total value for the cooling capacity at rated condition of indoor unit connected downstream.
- When all indoor units connected to Separation Tube is cooling only type indoor unit, use Separation Tube for 2 pipes.

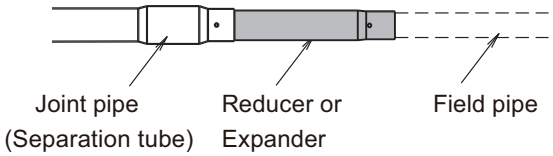
## ■ Installation

Select the connections with the pipe diameter that match the selected pipe sizes from the Separation Tube, and cut them with a pipe cutter.




**NOTE:** Insert the field pipe firmly until it touches the joint pipe (Separation Tube).

When the pipe size of the Separation Tube itself does not match, or when piping sizes differ ever if it cuts the pipe, use attached reducer or attached expander.



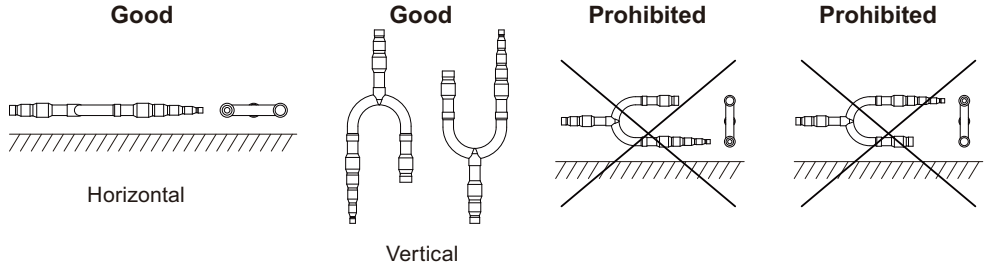

SYSTEM DESIGN

SYSTEM DESIGN

# ■ Restriction when install

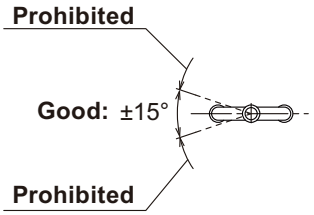
Be sure following restriction.

- **Installation angle**
  Place the Separation Tube horizontally or vertically so that the refrigerant separates evenly.




**⚠ CAUTION**

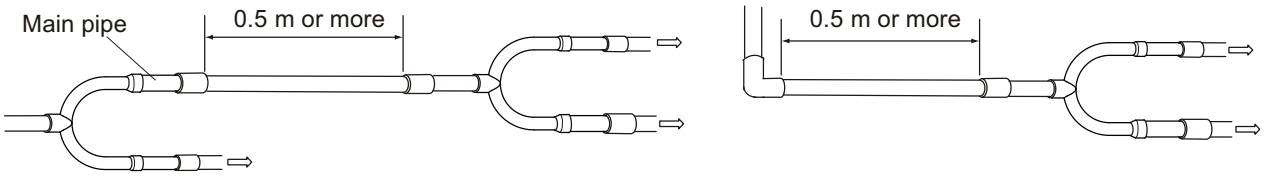
- If it is placed horizontally, keep it within allowable mounting angle below. Otherwise, it will not separate the refrigerant evenly, causing a reduction in performance.




- During piping work, apply nitrogen gas while brazing the pipes. If pipes are brazed without applying nitrogen gas, it will create a large amount of oxidation film, which will cause a critical malfunction.
- To prevent moisture or foreign matter from entering during work, do not leave the piping open.
- Refer to the installation manual supplied with the outdoor unit for air tightness test and evacuation procedures.


SYSTEM DESIGN

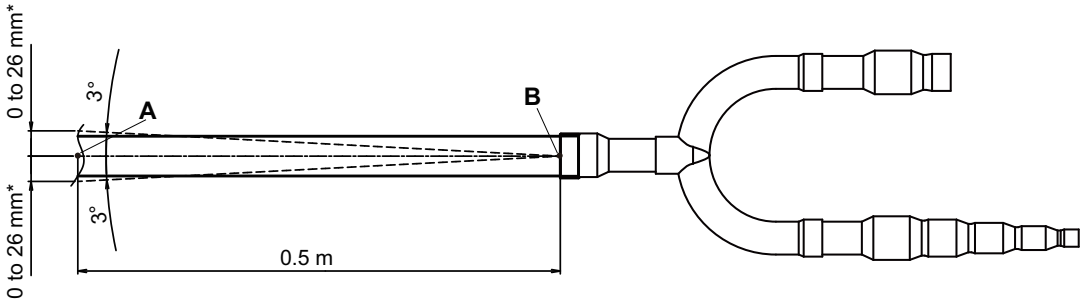
- **Straight pipe length**
  A straight pipe (minimum length 0.5 m) before Separation Tube is necessary in order to separate the refrigerant exactly.




⇨ To indoor unit, separation tube, or header

**⚠ CAUTION**

- Keep the distance 0.5 m or more for straight part to Separation Tube, in order to prevent the outdoor unit malfunction and generation of refrigerant flow sound.
- **About the connecting curvature of field pipe and Separation Tube:**
  The filed pipe should be connected to the Separation Tube so that the curved angle on each side is 3 degree or less.




*: Allowed value based on “A” (center of field pipe) at 0.5 m from “B” (junction of the Separation Tube).

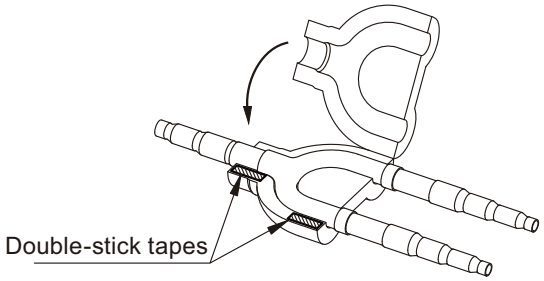
SYSTEM DESIGN

SYSTEM DESIGN

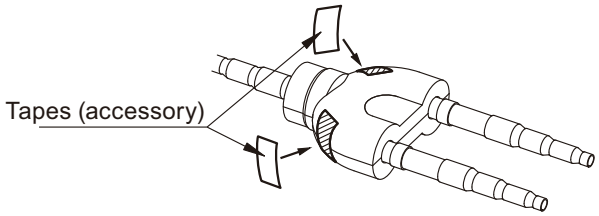
# ■ Heat insulation installation

After brazing the pipes and leak check, use the supplied insulation to insulate them. (on liquid and gas pipes)

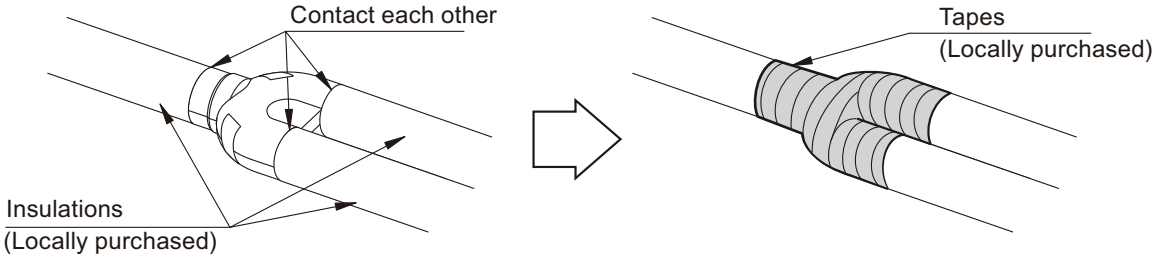
1. Remove the protective sheet from the double-stick tape that is affixed to the heat insulation.




2. Be sure to install the tape (accessory) in each heat insulation to the 2 positions as shown in the following figure.



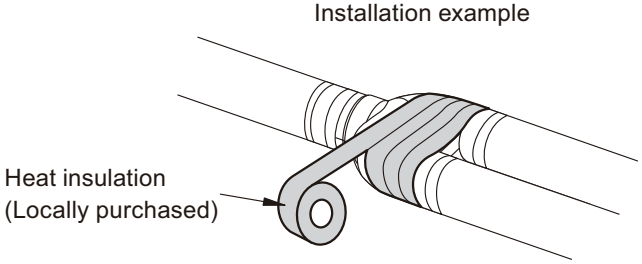

3. Use tape (locally purchased) to seal the seam so that there will be gap at the junction between the aforementioned heat insulation and the heat insulation on the local piping.




**⚠ CAUTION**

- Insulate the liquid and gas pipe completely. If not, it may cause the water condensation or performance reduction.
- Wrap the heat insulation with tape or pipe cover in order to extend the life time of heat insulation.
- Take proper measurement to strengthen by using another heat insulation at the following installation environment.
  - Environment temperature ≥ 35 °C and humidity 85%
  - Environment temperature ≥ 25 °C and humidity 90%

Installation example





SYSTEM DESIGN

# 3-6. Separation Tube for RB Unit

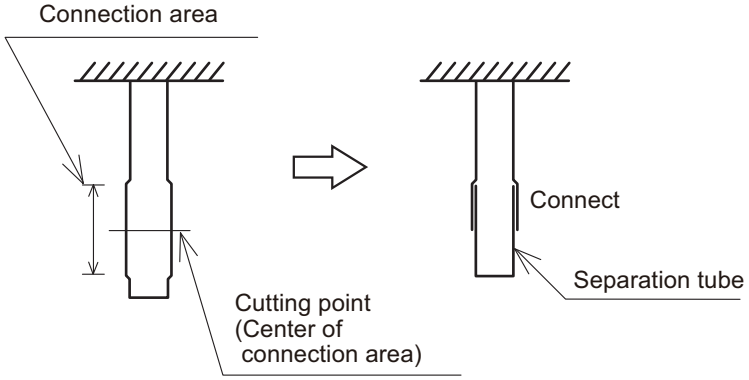
| Total cooling capacity of indoor unit (kW) | Model name |
|---|---|
| 8.0 or less | — |
| 8.1 to 18.0 | UTP-EX060A |
| 18.1 to 28.0 | UTP-EX096A |

## ■ Installation

Cut the indoor side pipe of the RB unit with a pipe cutter.

Unit: mm

- Liquid pipe: 6.35 (1/4) --> 9.52 (3/8)
- Gas pipe: 12.7 (1/2) --> 15.88 (5/8)



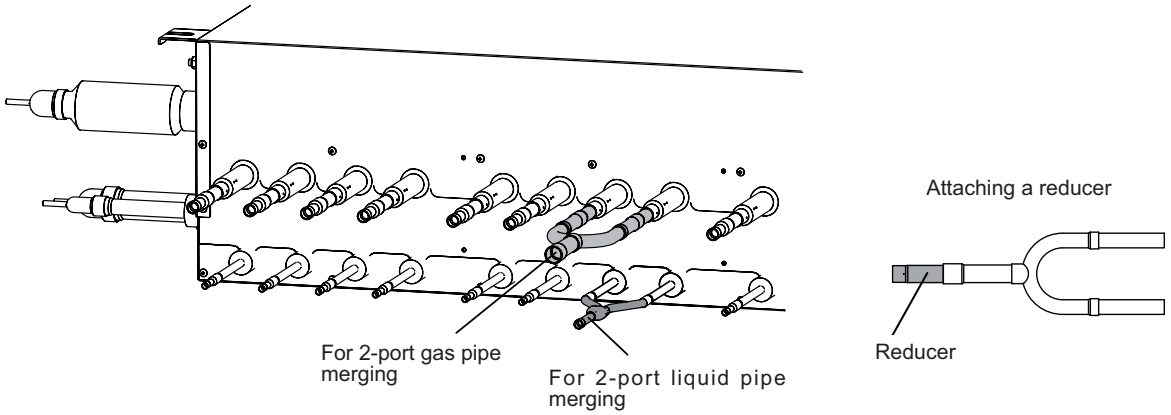

**NOTE:** Insert the Separation Tube firmly until it touches the RB unit pipe.


SYSTEM DESIGN

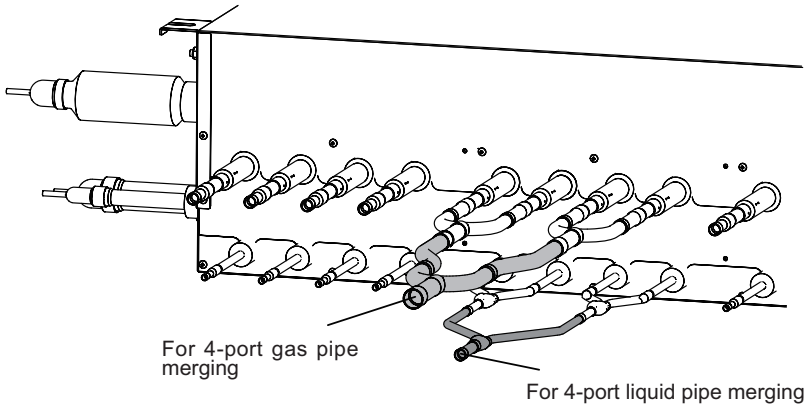
## ⚠ CAUTION

- If the pipe diameter of the separation tube kit does not match that of the mating pipe, use a reducer (included in the package).
- To connect an indoor unit with a capacity exceeding 18.0kW, two sets of UTP-EX060A and one set of UTP-EX096A are required.

- **For 2-port pipe merging**




- **For 4-port pipe merging**



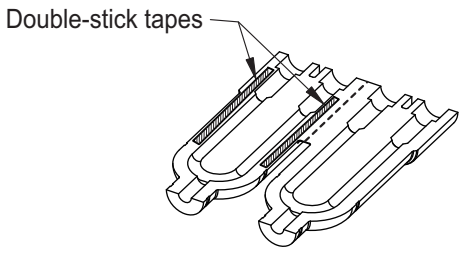


SYSTEM DESIGN

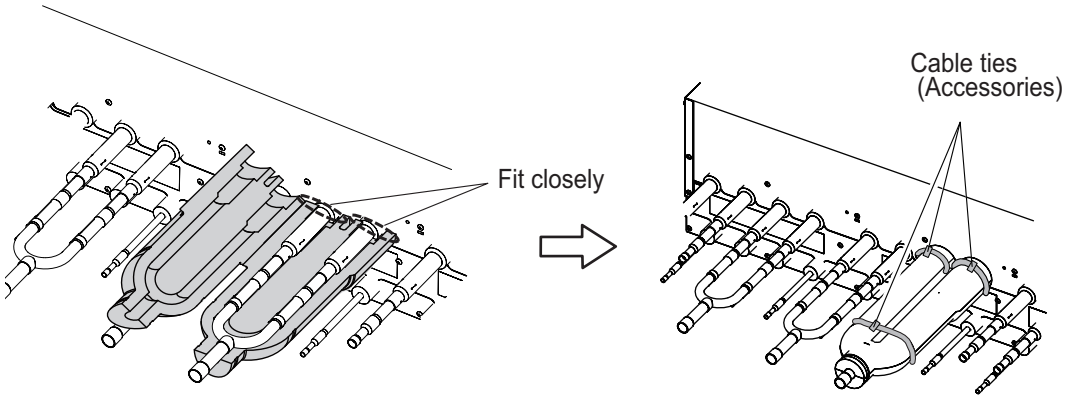
# ■ Heat insulation installation

After brazing the pipes and leak check, use the supplied insulation to insulate them. (on liquid and gas pipes)

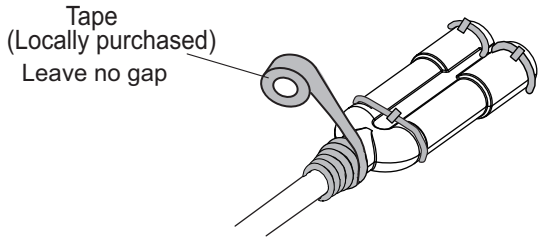
1. Remove the protective sheet from the double-double-sided adhesive tape attached to the separation tube insulation.




2. Fit the separation tube insulation on both sides of the separation tube, and fix the groove and the overlap between the separation tube insulation and the unit insulation with cable ties (available as accessories).



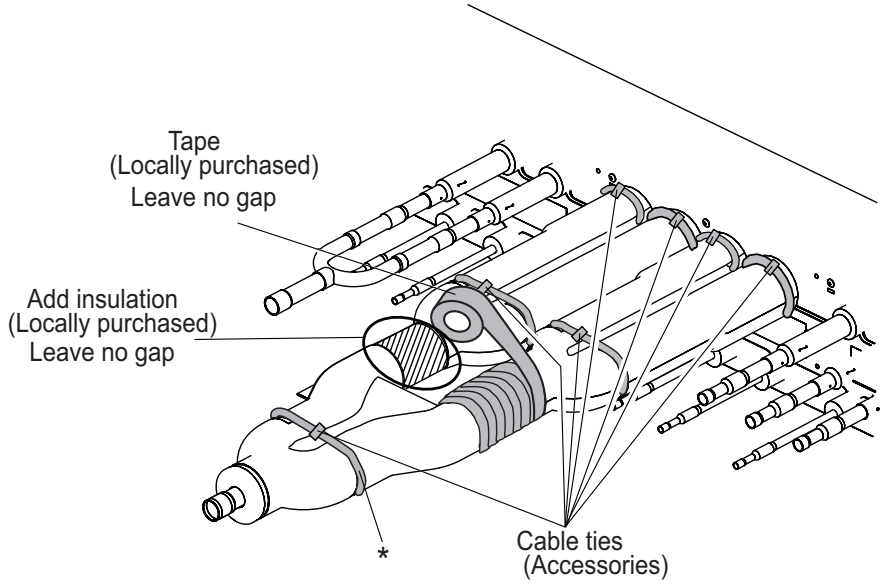

3. Apply a sealing tape (locally purchased) so as to leave no gap between the separation tube insulation and the on-site piping insulation.





SYSTEM DESIGN

4. Fit additional insulation (locally purchased) to close any gap between the 2-port and the 4-port separation tube insulations, and seal the joints over with a sealing tape (locally purchased). (4-port type only)




*: After brazing the pipes and leak check, use the supplied insulation to insulate them. (on liquid and gas pipes)

**⚠ CAUTION**

- Be sure to install the heat insulation on liquid pipes and gas pipes. Unless they are thermally insulated, water condensation can cause accidents or reduction in performance.
- After installing the heat insulation, if you worry about possible condensation due to the high humidity of installation location, please use locally procured heat insulation to reinforce insulation.


SYSTEM DESIGN

# 3-7. Header

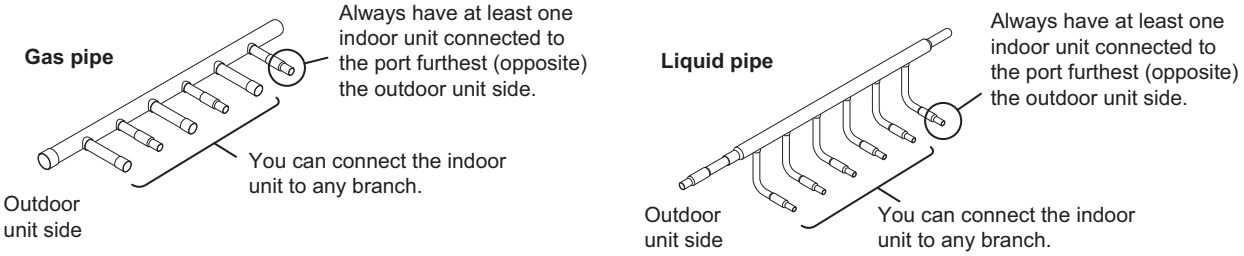
| Total cooling capacity of indoor units (kW) | For 2 pipes | | For 3 pipes | |
|---|---|---|---|---|
| | 3 to 6 Branches | 3 to 8 Branches | 3 to 6 Branches | 3 to 8 Branches |
| 28.0 or less | UTR-H0906L | UTR-H0908L | UTP-J0906A | UTP-J0908A |
| 28.1 to 56.0 | UTR-H1806L | UTR-H1808L | UTP-J1806A | UTP-J1808A |

**NOTES:**

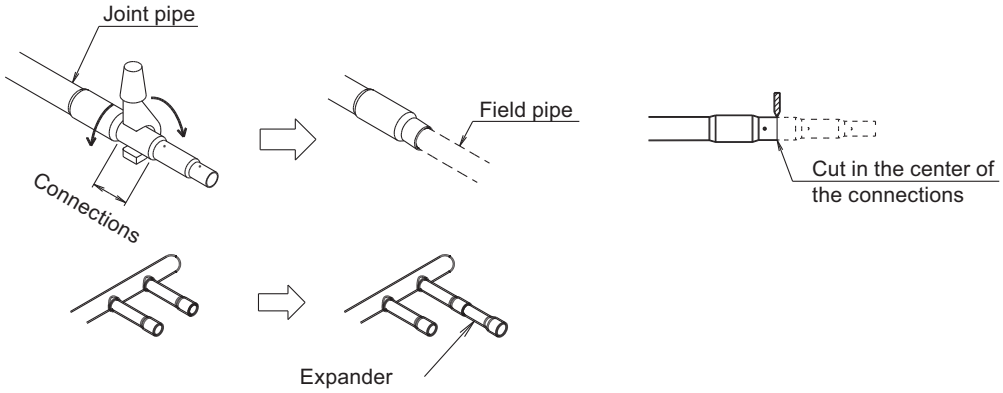
- Total cooling capacity of indoor unit is the total value for the cooling capacity at rated condition of indoor unit connected downstream.
- When total cooling capacity exceeds 56.1 kW, use a Separation Tube instead.
- Use a Header with two or fewer branches only if there is a plan to add indoor units to 3 units or more.
- When all indoor units connected to Header is cooling only type indoor unit, use Header for 2 pipes.
- When Header for 3 pipes is used, at least 3 or more of RB Unit must be connected in port of Header.

## ■ Installation

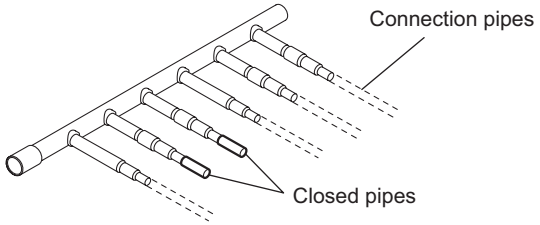
1. Connecting the connection pipes from the indoor units.




2. Use a pipe cutter to cut at the location that matches the piping size or use expanders as necessary.



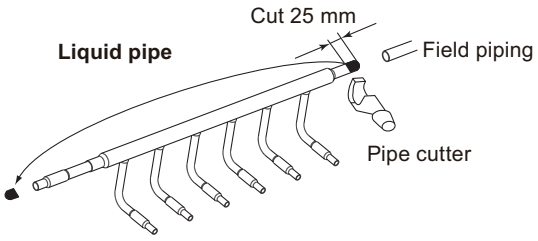

3. Attach a plugging pipe provided if there is no piping connected at the Headers.



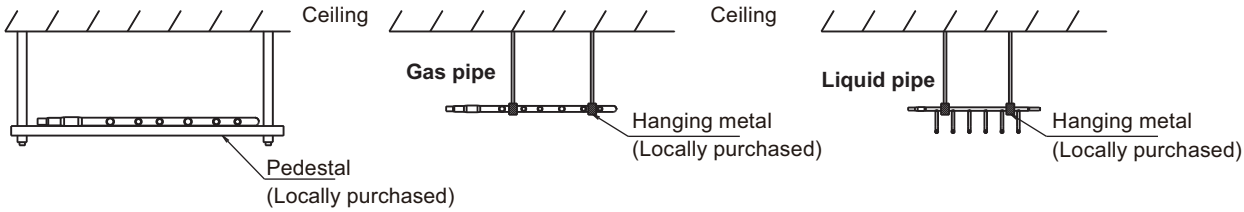

SYSTEM DESIGN

SYSTEM DESIGN

4. Connecting pipe locally purchased from outdoor unit, cut the pipe end to connect the pipe and close the opposite end.

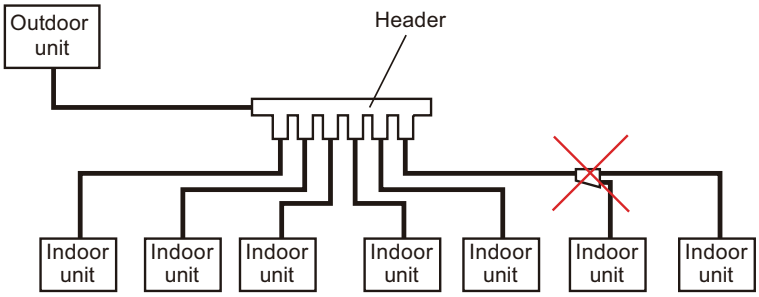


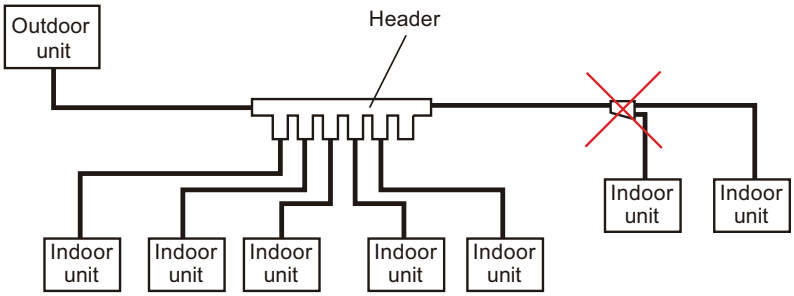

5. Use Header support as necessary.




## ⚠ CAUTION

Separation Tube is not allowed to install Header kit.





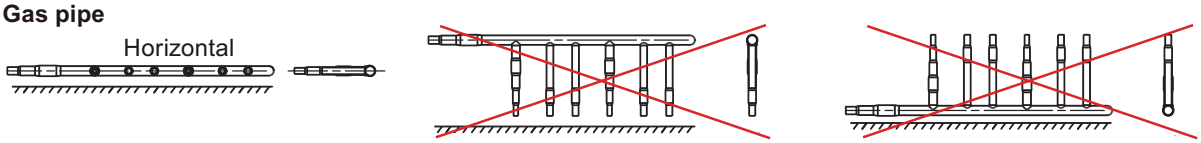

SYSTEM DESIGN

# ■ Restriction when install

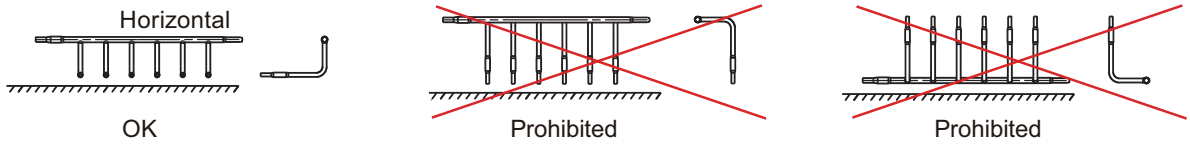
Be sure following restriction.

- **Installation angle**
  Install the Header so that it branches horizontally.

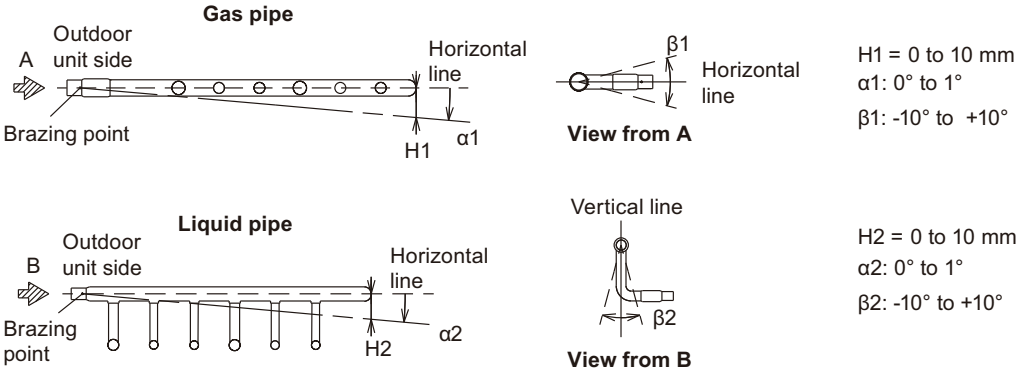
**Gas pipe**



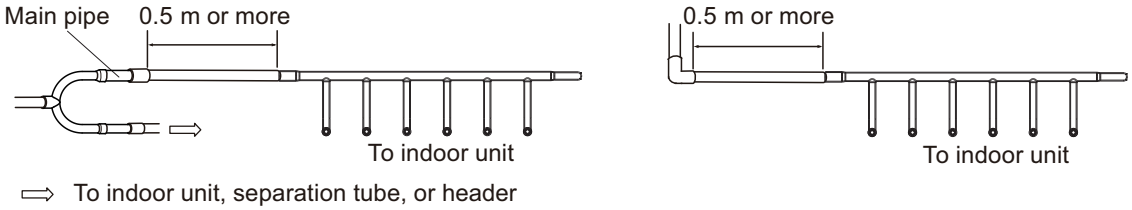

**Liquid pipe**




Use a level to make sure that the Header is positioned as shown in following figure, and then sure it in place.




- **Straight pipe length**
  A straight pipe (minimum length 0.5 m) before Header is necessary in order to separate the refrigerant exactly.

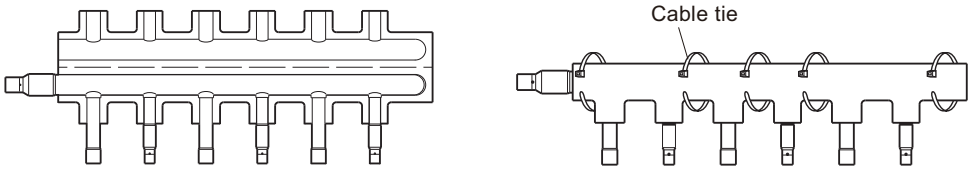



⇨ To indoor unit, separation tube, or header

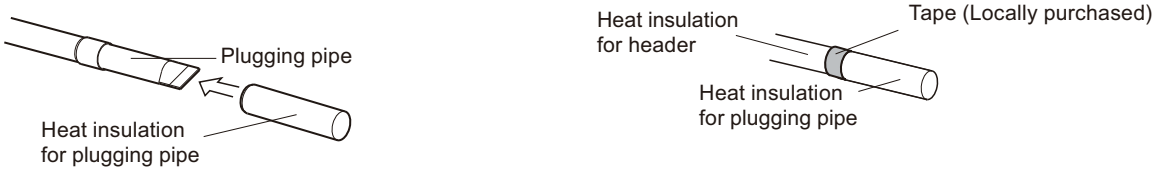
# ■ Heat insulation installation

After brazing the piping, attach heat insulation.

1. Remove the protective paper for the tape on the heat insulation for the header and attach it. Tighten by using cable ties at five locations.




2. Cover the plugging pipe with heat insulation and seal with tape.





SYSTEM DESIGN

# 4. Wiring design

## 4-1. Electrical wiring

### ■ Precaution

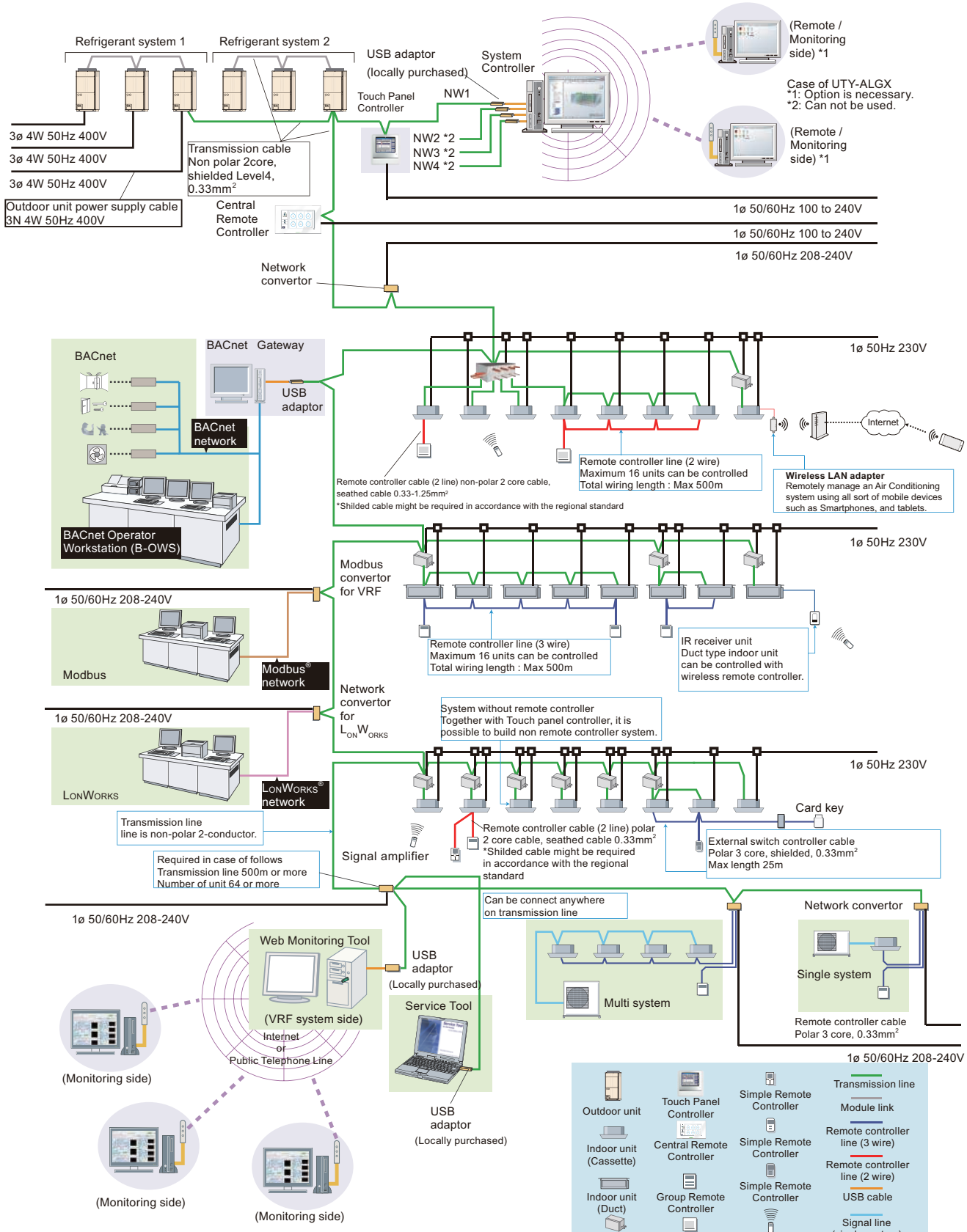
Regulations for wire diameter and selecting circuit breaker size differ from locality.
Always install in accordance with local standard.

**⚠ WARNING**

- Do not turn on the power until all installation work is complete.
- Before starting work, check the power is not being supplied to the unit.
- Connect the connection cable firmly to the terminal board. Imperfect installation may cause fire.
- Always install a circuit breaker for each power supply circuit. Failure to use a circuit breaker could result in electrical shock or fire.
- Always install a disconnect switch for each power supply circuit.
- Always connect the ground wire.
- Always fasten the outside covering of the connection cable with the cord clamp. (If the insulator is chafed, electric leakage may occur.)
- Never install a condenser for improve the power factor. (It will not improve the power factor and the condenser will become abnormally hot.)
- When installing this system in high humidity locations, install using Ground Fault Equipment Breaker (GFEB) to reduce the risk of leaking current which may result in electric shock or potential fire.


SYSTEM DESIGN

# ■ Wiring system outline




Disconnect switch might be required in accordance with the regional standard.

SYSTEM DESIGN

SYSTEM DESIGN

# 4-2. Power supply cable

**RELATED LINKS**

"Electrical characteristics" in Chapter 3. OUTDOOR UNITS on page 03-45
"Electrical characteristics" in Chapter 4. INDOOR UNITS on page 04-36

## ■ Specifications

Use a separate power supply for the outdoor unit and indoor unit.

### ● Outdoor unit

| Model | Recommended cable size ($mm^2$) | Fuse capacity (A) | Breaker for leakage current | Remarks |
|---|---|---|---|---|
| AJ∗072GALDH | 4 | 20 | 100 mA, 0.1 sec or less | 3N 400 V ~ 50 Hz<br>4 wire + ground |
| AJ∗090GALDH | 6 | 25 | | |
| AJ∗108GALDH | 6 | 25 | | |
| AJ∗126GALDH | 10 | 40 | | |
| AJ∗144GALDH | 10 | 40 | | |

- Select wire size based on the value of MCA (Minimum Circuit Ampacity) and TOCA (Total Value of Each Over Current Set). For wiring specifications of outdoor units, refer to "Electrical characteristics" in Chapter 3. OUTDOOR UNITS on page 03-45.
- Select circuit breaker for outdoor unit based on the value of MCA in "Electrical characteristics" in Chapter 3. OUTDOOR UNITS on page 03-45. The breaker should not operate when stating current is generated.

### ● Indoor unit and RB Unit

| Model | Recommended cable size ($mm^2$) | Fuse capacity (A) | Breaker for leakage current | Remarks |
|---|---|---|---|---|
| All models | 2.5 | 20 | Refer to Table B | 230 V ~ 50 Hz<br>2 wire + ground |

Refer to the table for the breaker specifications of each installation condition.
Perform the power crossover wiring within the range of the same refrigerant system. When the power crossover wiring is done, make a connection for indoor units and RB Units to satisfy conditions of Table A and B below.

- Select cable size based on the value of total MCA of the indoor units connected, and if necessary divide the system so that the total MCA of the indoor units connected is smaller than 15 A. The indoor unit shall be connected up within refrigerant system.
- In order to influence of a breaker stop, divide the power supply circuit for every refrigerant system.
- Attach at least one breaker per refrigerant system.
- Design the power supply circuit to keep the voltage drop within 2%.


SYSTEM DESIGN

- **Table A. Current breaker requirements**

| Model | MCA (A) | Fuse capacity (A) |
|---|---|---|
| All models | For indoor unit, refer to "Electrical characteristics" in Chapter 4. INDOOR UNITS on page 04-36<br>For RB Unit, refer to "Electrical characteristics" in Chapter 10. OPTIONAL PARTS on page 10-30 | 20 |

When the power crossover wiring is done, make it so that the total of the MCA of the connected indoor units and RB Units does not exceed the 15 A.
If the capacity of connected indoor units and RB Units exceed the upper limit, either add breakers or use a breaker with a greater capacity.

- **Table B. Earth leakage breaker requirements**

| Breaker capacity | Maximum connectable indoor unit and RB Unit |
|---|---|
| 30 mA, 0.1 sec or less | 44 or less |
| 100 mA, 0.1 sec or less | 45 to 148 |

**NOTE:** ARXC072GTEH, ARXC090GTEH, or ARXC096GTEH is equivalent to 3 indoor units.
Example: When ARXC072GTEH is connected

| Connected unit | Q'ty | Count |
|---|---|---|
| ARXC072GTEH | 1 | 3 |
| Indoor units (Except ARXC072GTEH, ARXC090GTEH, or ARXC096GTEH) | 3 | 3 |
| RB Unit (single type) | 3 | 3 |
| Total | | 9 |

If the total number of units connected to the breaker exceeds 44, either add a 30 mA breaker or use a breaker with a greater capacity.


SYSTEM DESIGN

## ⚠ CAUTION

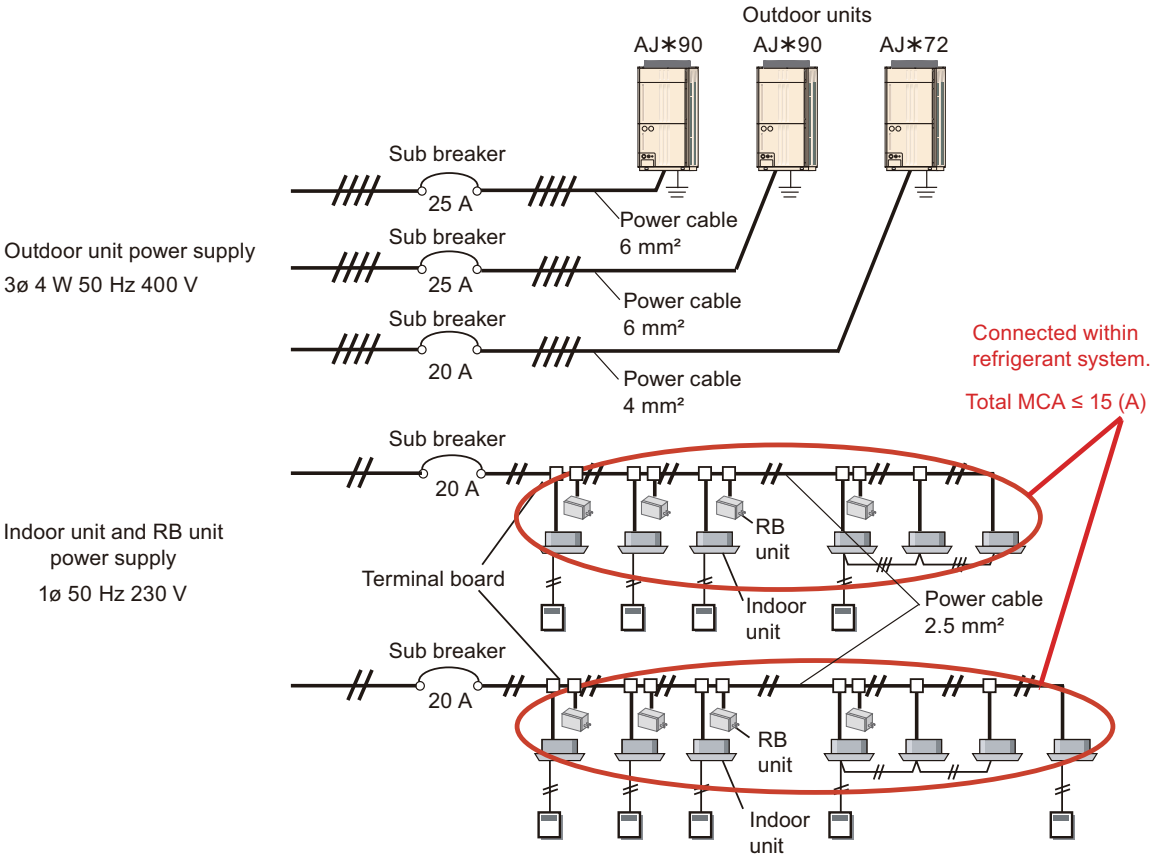
- Obtain the distribution network operator's agreement about the power capacity of the power supply system, specification of the cable and the harmonic current, etc. when you connect the outdoor unit with the power supply.
- This product is intended for professional use. Be sure to use a dedicated power circuit. Never use a power supply shared by another appliance.
- Above Wire size and Fuse capacity are an example.
- Regulation of wire size and circuit breaker differs from each locality, refer in accordance with the regional standard.
- Specific wiring requirement should be applied Type 60245 IEC66 or equivalent.
- To prevent the electrical noise malfunction and hazards from insulation failure, the unit should be connected to ground.
- A disconnect switch may required for ease of maintenance in accordance with the regional standard for each unit. Check the regional standard. Make the wire length between disconnect switch and unit terminal as short as possible.
- When connecting the indoor unit power supply from part of a 3-phase power source, taking the power from each phase uniformly is recommended to prevent unbalance.
- All field wiring and components must be provided by a licensed electrician.
- Use copper conductors only.

# ■ Wiring example

**⚠ CAUTION**

- Except for emergency, never turn off main as well as sub breaker of the indoor units during operation. It will cause compressor failures as well as water leakage.
- First, stop the indoor unit by operating the control unit, converter, or external input device, and then cut the breaker.
- Make sure to operate through the control unit, converter, or external input device.
- When the breaker is designed, locate it at a place where the users cannot start and stop in the daily work.
- Regulation of wire size and circuit breaker differs from each locality, refer in accordance with the regional standard.

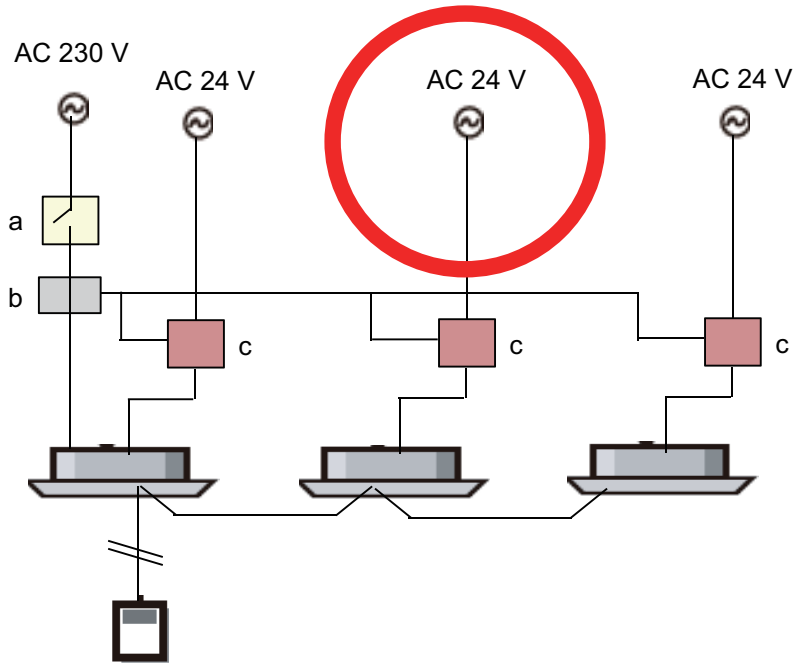
- Example 1: Using terminal board for indoor unit and RB Unit.



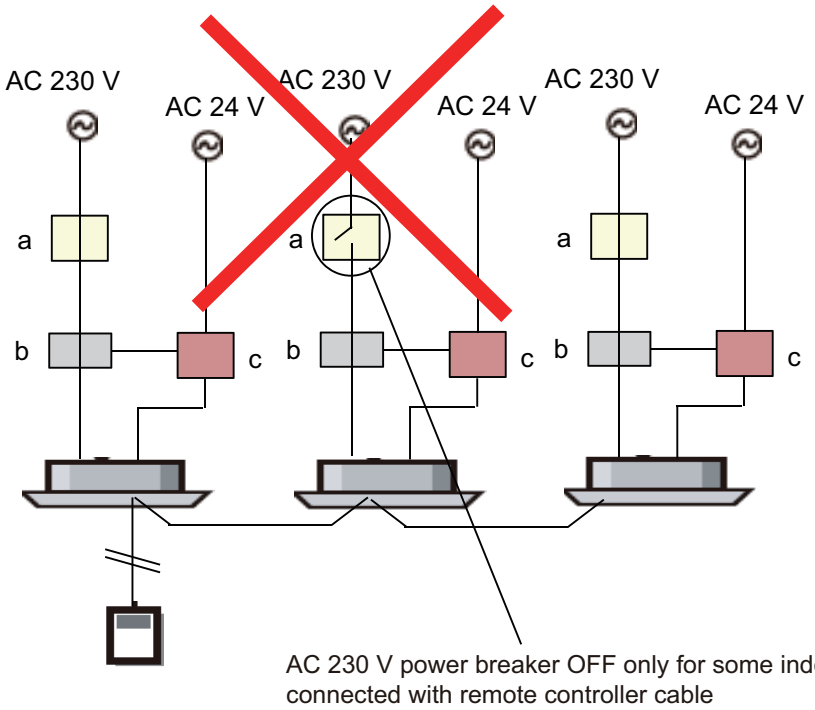



SYSTEM DESIGN

- Example 2: Using external power supply unit
  When operating multiple indoor units with one remote controller, make sure that AC 230 V power is supplied with one breaker as shown below.




a: Circuit breaker
b: Relay
c: External power supply unit





SYSTEM DESIGN

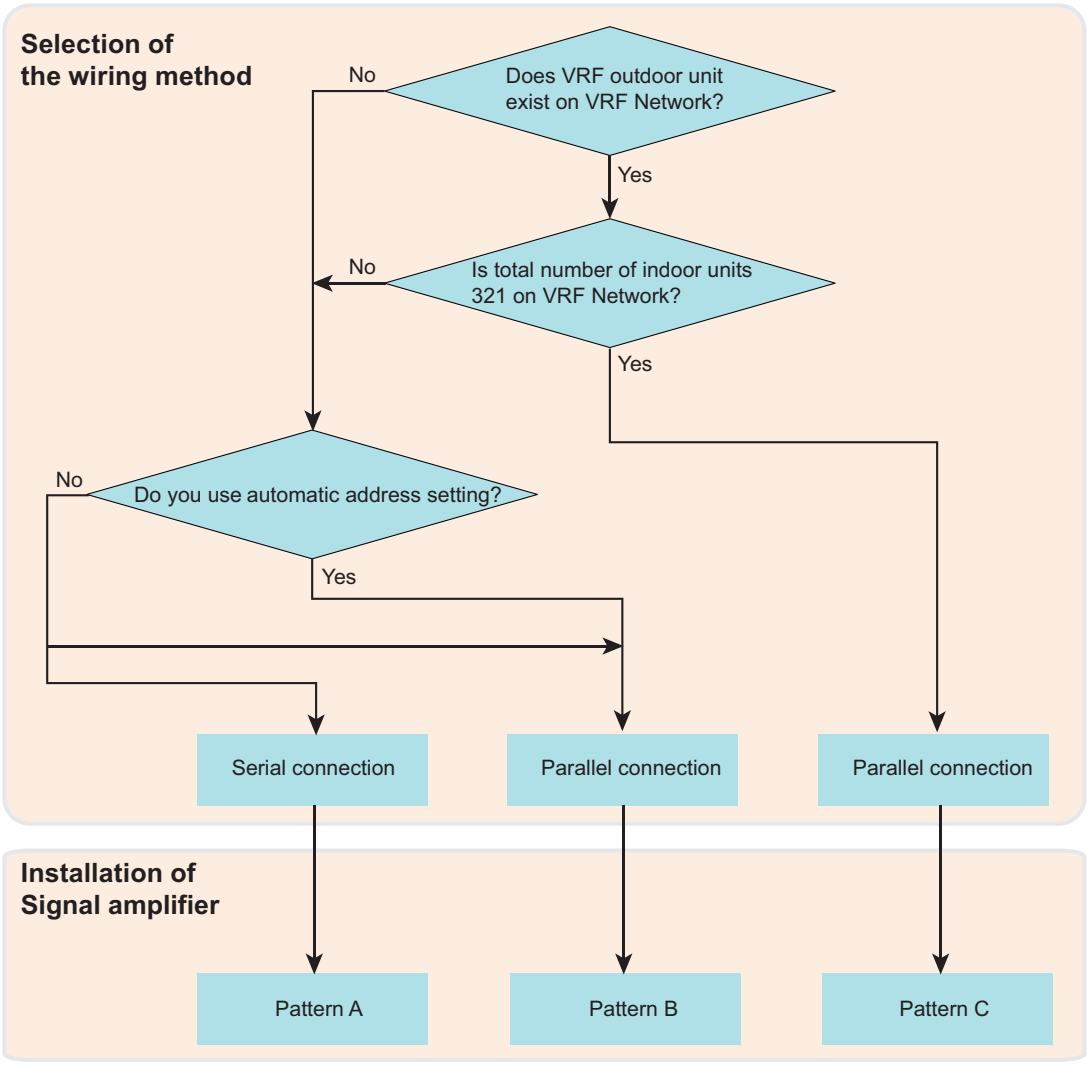
# 4-3. Transmission cable

**RELATED LINKS**

"Definition" on page 06-38

## ■ Flow chart

The following procedure performs the wiring design of VRF system. Choose the wiring method and the installation method of Signal Amplifier according to a flow chart.




For details of wiring method, refer to "Wiring method" on page 06-147.

For installation method of Signal Amplifier, refer to "Installation of Signal Amplifier" on page 06-156.



SYSTEM DESIGN

# ■ Wiring specifications

| Use | Cable size | Cable type | Remarks |
|---|---|---|---|
| Transmission cable | 0.33 $mm^2$ (22 AWG) | LEVEL4 (NEMA) non polar 2-core, twisted pair solid core, diameter 0.65 mm | LonWorks compatible cable |

Use shielded cable specified below and always ground it both end.

22 AWG (0.65 mm) LEVEL4 cable with shielded (National Electrical Manufacturers Association [NEMA]) differs from the Category 4 specification proposed by the Electronic Industries Association/ Telecommunication Industry Association (EIA/TIA).

| Reference specifications for transmission cable | | | |
|---|---|---|---|
| **Item** | | **Unit** | **Specifications** |
| Wire type | | mm | 0.65 dia (22 AWG)<br>Twisted pair with shield |
| Pair (Twisted pair cable)*1 | | — | 1 pair or 2 pair |
| Loop DC resistance (20 °C) | | Ohm/1,000 ft<br>(Ohm/305 m) | Less than 18 |
| DC resistance unbalancing (20 °C) | | % | Less than 5 |
| Dielectric voltage<br>(Between conductor and conductor) | | V/min | AC 350 |
| Insulation resistance (20 °C)<br>(Between conductor and conductor) | | Mohm-km | More than 500<br>(After charging DC 500 V 1 min) |
| Mutual capacitance of a pair | | pF/foot<br>(pF/305 mm) | Less than 17 |
| Pair-to-ground capacitance unbalance | | pF/1,000 ft<br>(pF/305 m) | Less than 1,000 |
| Characteristic impedance | 772 KHz | Ohm | 102 ±15% (87 to 117) |
| | 1 MHz | | 100 ±15% (85 to 115) |
| | 4 MHz | | |
| | 8 MHz | | |
| | 10 MHz | | |
| | 16 MHz | | |
| | 20 MHz | | |
| Attenuation | 772 KHz | dB/1,000 ft<br>(dB/305 m) | Less than 4.5 |
| | 1 MHz | | Less than 5.5 |
| | 4 MHz | | Less than 11.0 |
| | 8 MHz | | Less than 15.0 |
| | 10 MHz | | Less than 17.0 |
| | 16 MHz | | Less than 22.0 |
| | 20 MHz | | Less than 24.0 |
| Cross talk attenuation*2 | 772 KHz | dB/1,000 ft<br>(dB/305 m) | Less than 58 |
| | 1 MHz | | Less than 56 |
| | 4 MHz | | Less than 47 |
| | 8 MHz | | Less than 42 |
| | 10 MHz | | Less than 41 |
| | 16 MHz | | Less than 38 |
| | 20 MHz | | Less than 36 |

**NOTES:**

- *1: Number of twist is not specified. However, it shall satisfy the electrical specifications such as characteristic impedance, attenuation, etc. (Example: More than 40 times/m)
- *2: Cross talk attenuation is applied when the twisted cable has 2 pairs (2 P).
- Material is not specified. However, it shall be selected by considering the operating environment (temperature, humidity) and the local regulation by the environment condition (ROHS directive, etc.).
- Mechanical specification is not specified. However, it shall be selected by considering the operating environment.
- Never bundle transmission cable with power supply cable.


SYSTEM DESIGN

# ■ Wiring method

## ● Serial connection

The example of serial connection wiring.
Connect the transmission cable like as Fig. 1-1, 1-2.

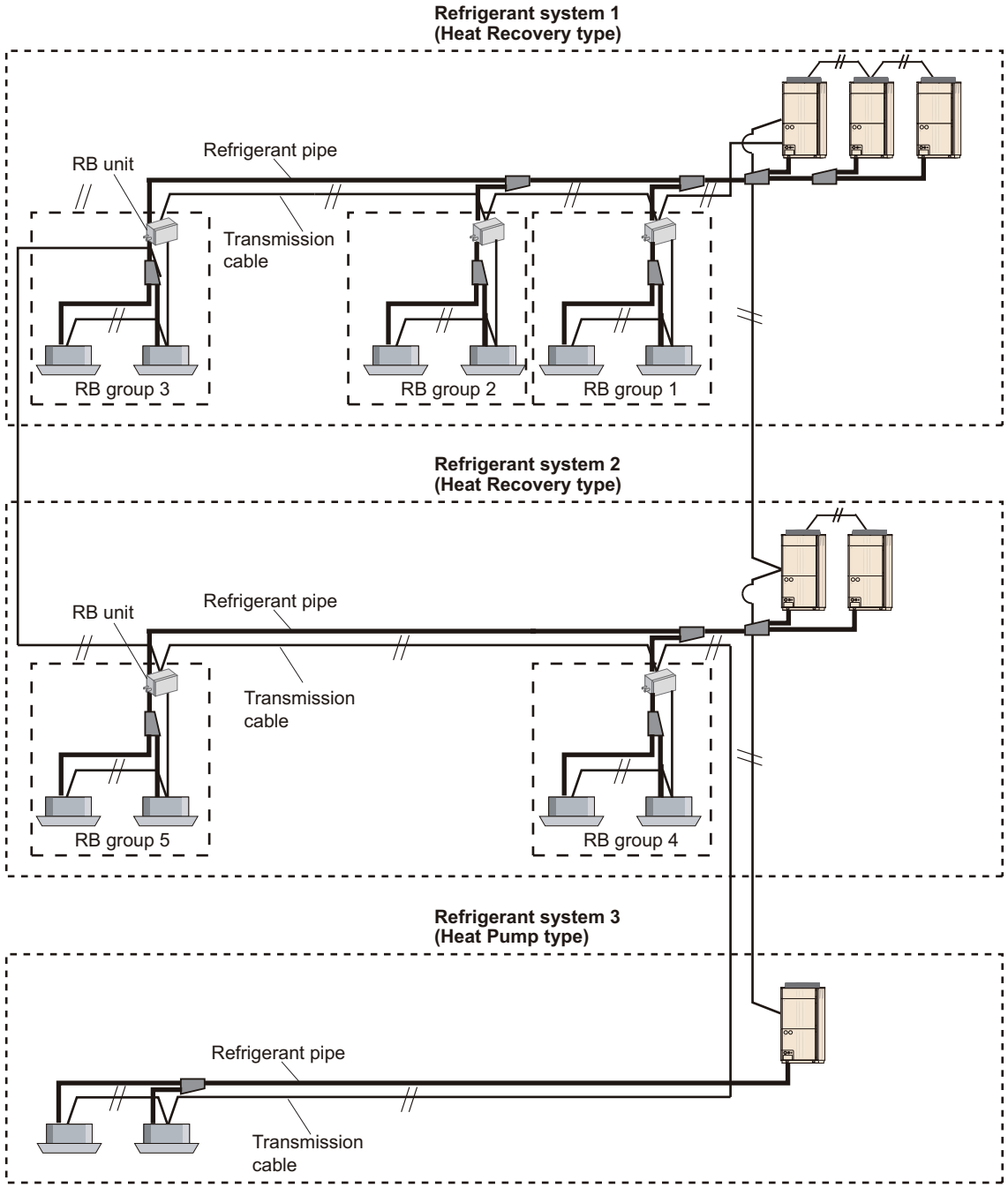



**Fig. 1-1**


SYSTEM DESIGN

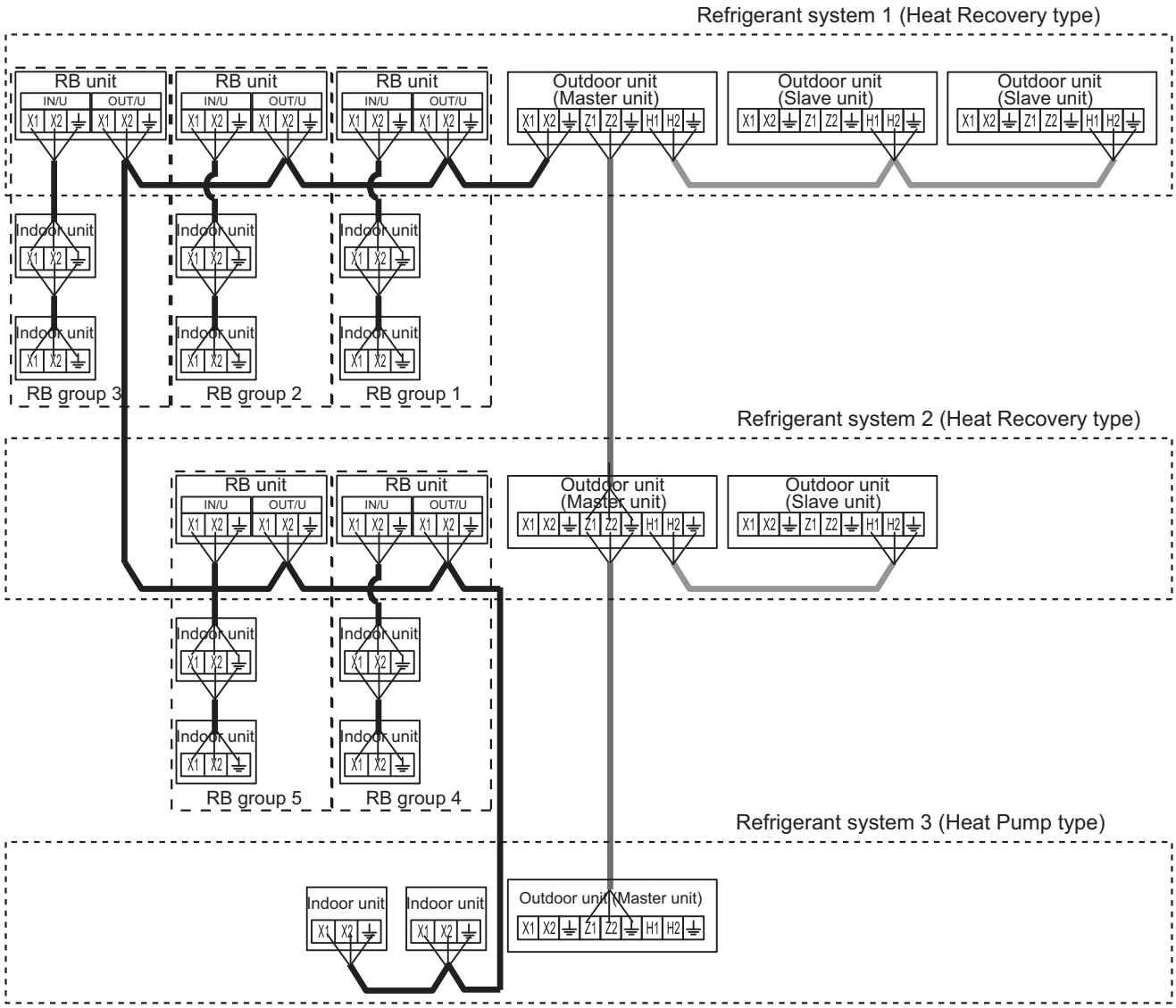



**Fig. 1-2**

- X1, X2: Indoor unit to outdoor unit (Master), Indoor unit to RB Unit, RB Unit to Outdoor unit (Master)
- Z1, Z2: Connection for different refrigerant circuit of master outdoor unit
- H1, H2: Module link connection between master and slave outdoor units (It is required for combination use.)


SYSTEM DESIGN

## ● Parallel connection

The example of serial connection wiring.

Connect the transmission cable like as Fig. 2-1, 2-2.

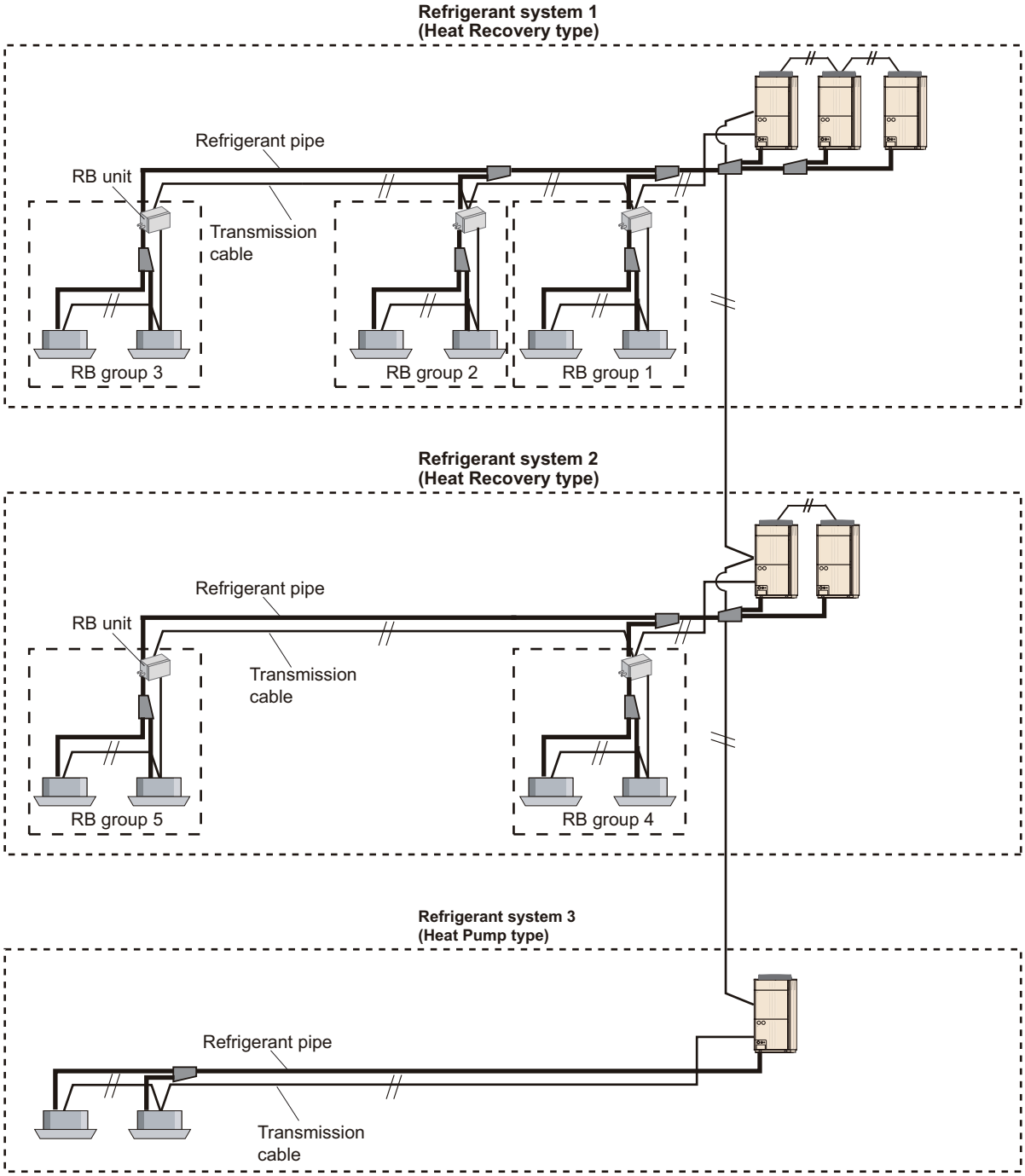



**Fig. 2-1**



SYSTEM DESIGN

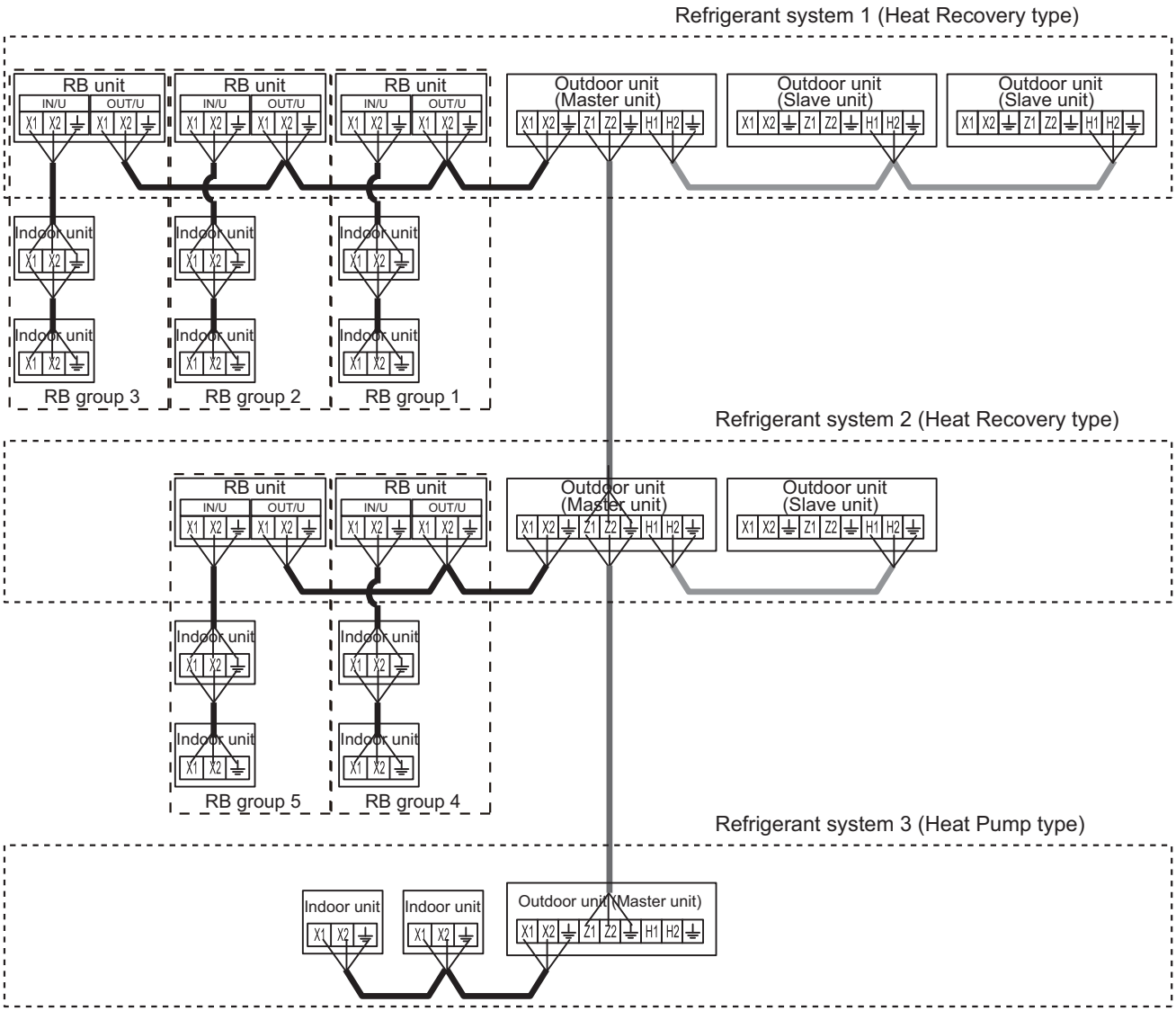


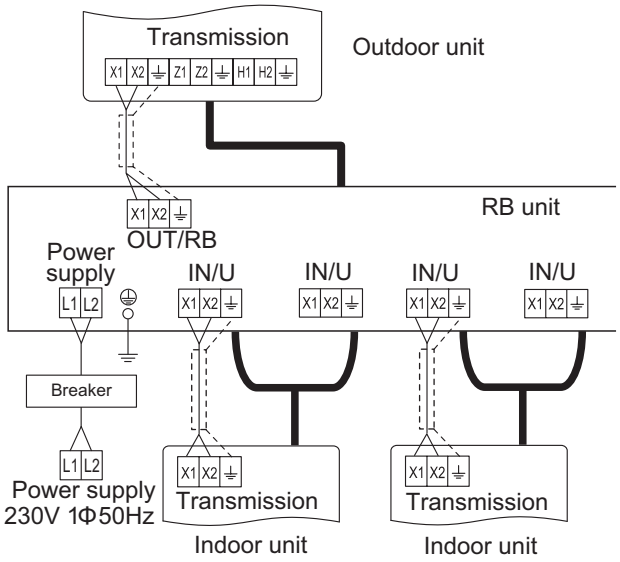

**Fig. 2-2**

- X1, X2: Indoor unit to outdoor unit (Master), Indoor unit to RB Unit, RB Unit to Outdoor unit (Master)
- Z1, Z2: Connection for different refrigerant circuit of master outdoor unit
- H1, H2: Module link connection between master and slave outdoor units (It is required for combination use.)


SYSTEM DESIGN

# ● RB unit multi type (UTP-RX08AH, UTP-RX12AH)

- **2-branch merging**

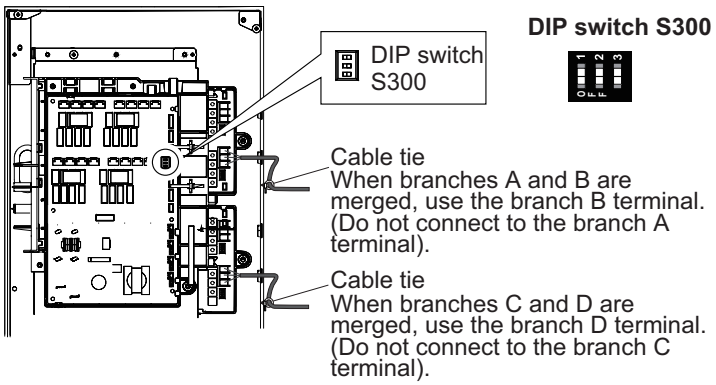



| PC board | Branches that can be merged | DIP Switch S300 "Concurrent output" | | | Cable connecting terminal block |
|---|---|---|---|---|---|
| | | 1 [4-3] | 2 [3-2] | 3 [2-1] | |
| For branches A-D | Branches A and B | OFF | OFF | ON | For Branch B* |
| | Branches C and D | ON | OFF | OFF | For Branch D |
| | Branches A and B<br>Branches C and D | ON | OFF | ON | For Branch B |
| | | | | | For Branch D |
| For branches E-H | Branches E and F | OFF | OFF | ON | For Branch F |
| | Branches G and H | ON | OFF | OFF | For Branch H |
| | Branches E and F<br>Branches G and H | ON | OFF | ON | For Branch F |
| | | | | | For Branch H |
| For branches I-L | Branches I and J | OFF | OFF | ON | For Branch J |
| | Branches K and L | ON | OFF | OFF | For Branch L |
| | Branches I and J<br>Branches K and L | ON | OFF | ON | For Branch J |
| | | | | | For Branch L |

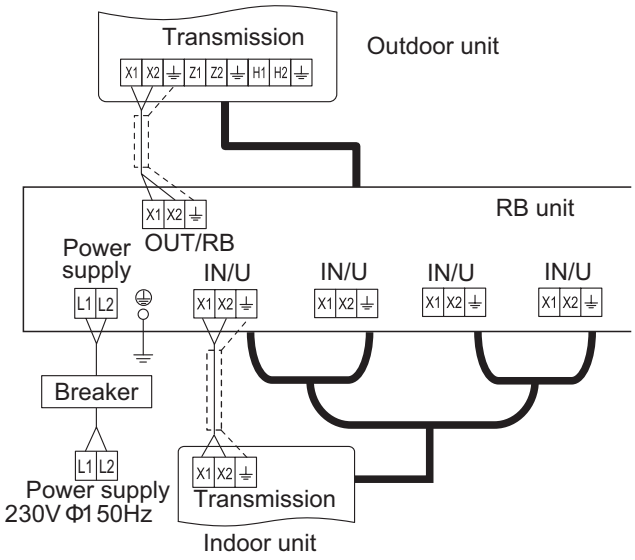
*: A-B merged: Connect the communication line to the B terminal block (do not connect to A).

Example: To merge branches A and B or branches C and D.


SYSTEM DESIGN



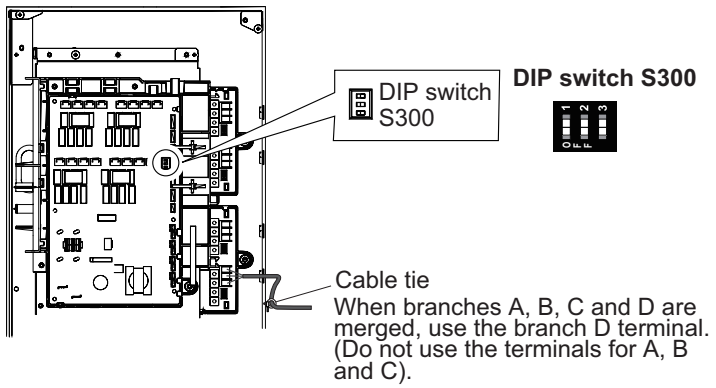

- **4-branch merging**




| PC board | Branches that can be merged | DIP Switch S300 "Concurrent output" | | | Cable connecting terminal block |
|---|---|---|---|---|---|
| | | 1 [4-3] | 2 [3-2] | 3 [2-1] | |
| For branches A to D | Branches A to D | ON | ON | ON | For Branch D* |
| For branches E to H | Branches E to H | ON | ON | ON | For Branch H |
| For branches I to L | Branches I to L | ON | ON | ON | For Branch L |

*: A-B-C-D merged: Connect the communication line to the D terminal block (do not connect other than D).

Example: To merge branches A, B,C, and D together.



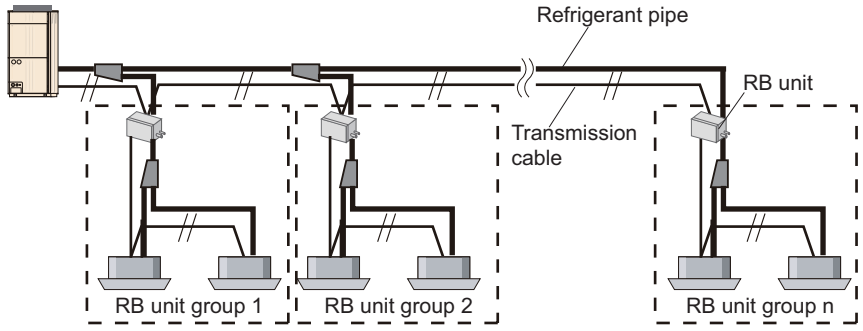


SYSTEM DESIGN

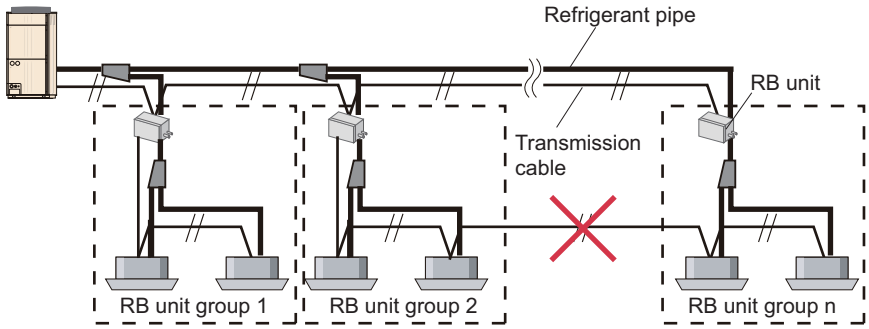
# ■ Wiring of RB unit group

The wiring of RB unit group (RBG) should be meet following rule.

- **Wiring of RBG should be connected within indoor units connected pipe.**
  - Example 1 (OK)

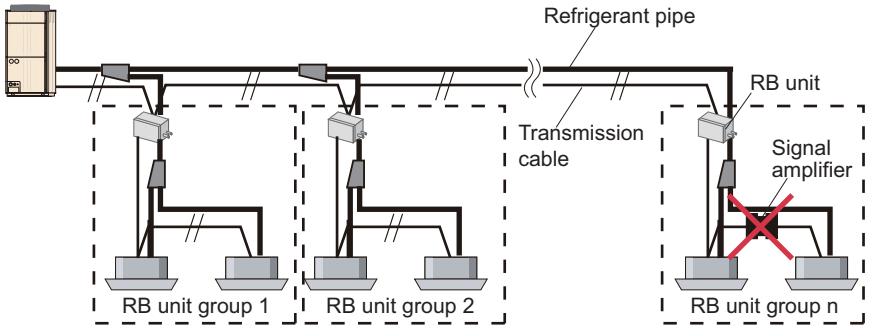



  - Example 2 (Prohibited)




Wiring is prohibited between RBG and other RBG.

- **A Signal Amplifier is prohibited to set in a RBG.**
  Example (Prohibited)



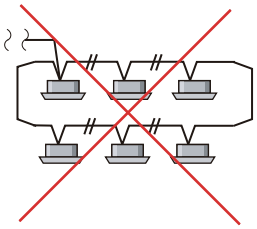



SYSTEM DESIGN

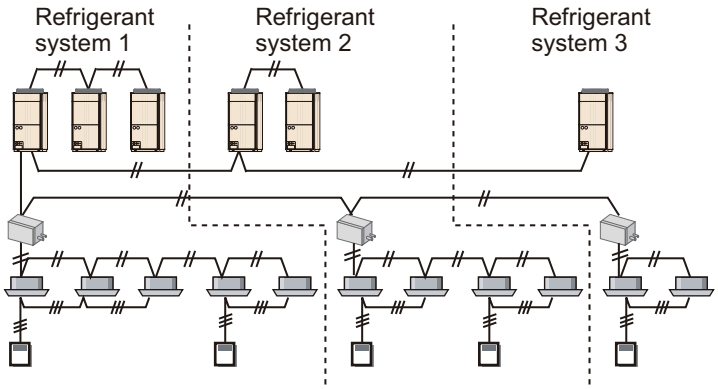
# ■ Separation rules

- The transmission cable between indoor units, outdoor unit, and controllers can be connected by one cable.
- Terminal board available on the market or the ones inside the indoor unit, RB Unit, or outdoor unit should be used for transmission cable separation.
- Connection of 3 or more lines may cause poor communication for one terminal. In this case, use a terminal box.

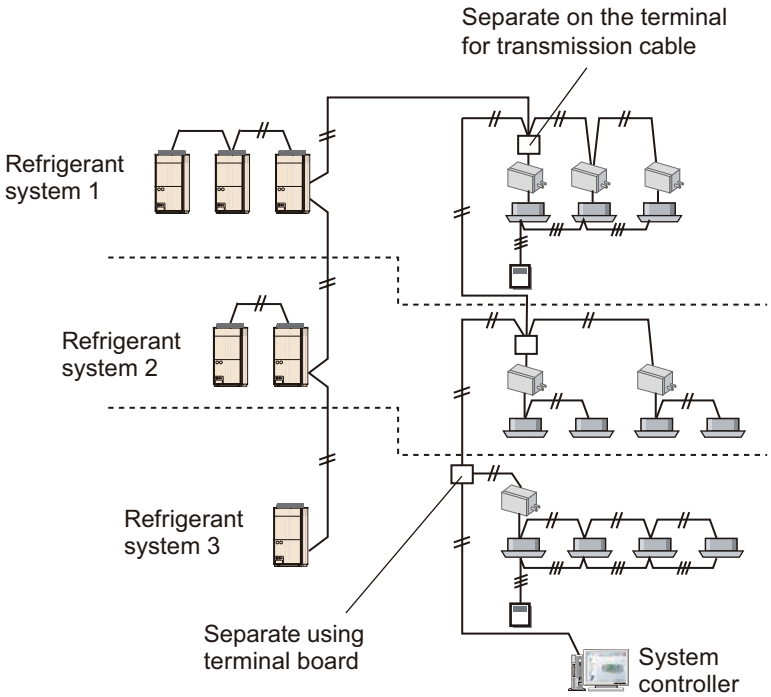
**NOTE:** Do not loop.



- Example 1: Connecting each outdoor unit and RB Unit with one wiring



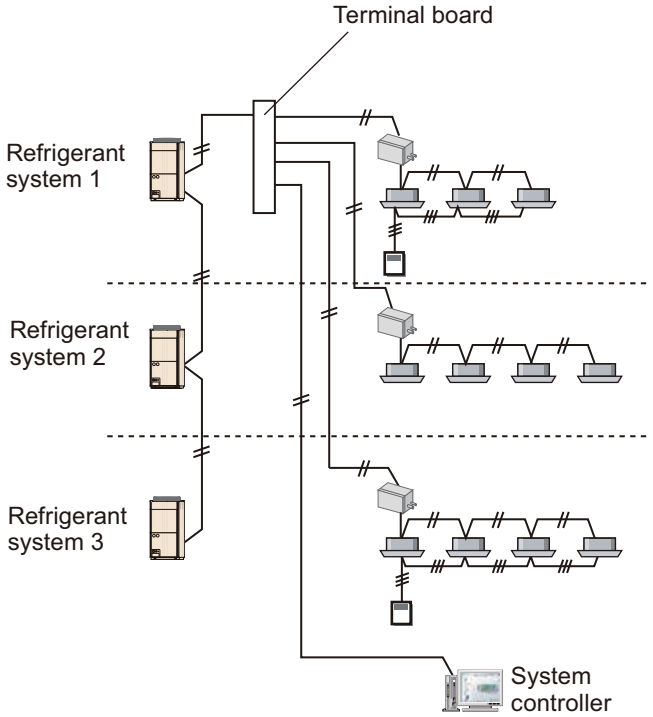

- Example 2: Separating transmission cable



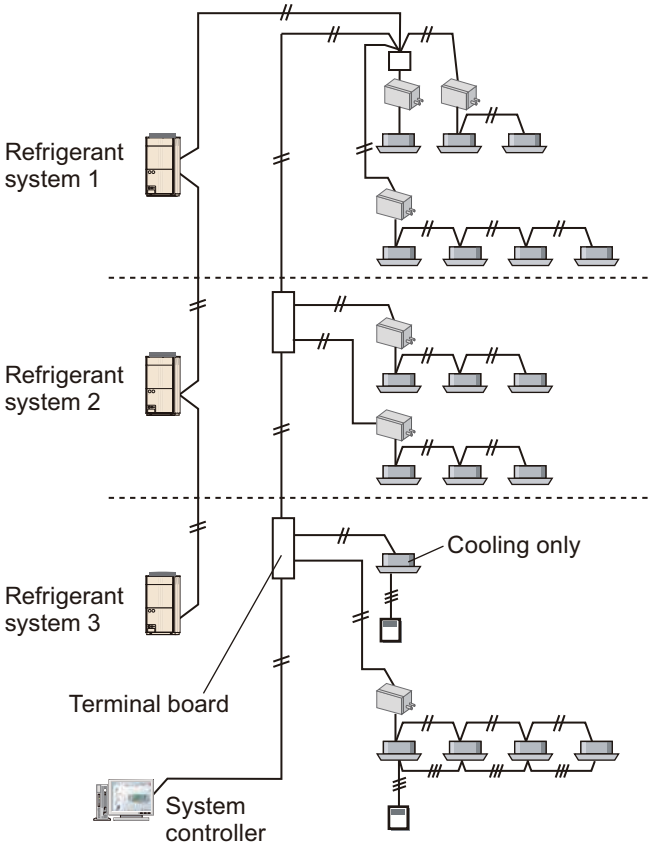


SYSTEM DESIGN

- Example 3: Separation wiring from one terminal board radially




- Example 4: Combination of example 2 and 3






SYSTEM DESIGN

# ■ Installation of Signal Amplifier

**RELATED LINKS**

"Flow chart" on page 06-145
"Maximum wiring length" on page 06-40

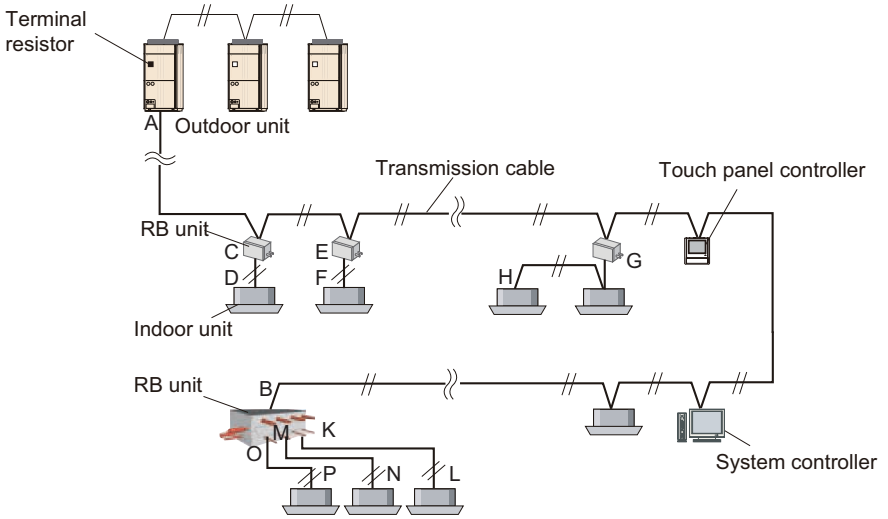
## ● Pattern A

Install the Signal amplifier by performing the following steps.

1. In the following case, install the Signal Amplifier.
   - When the total length of the transmission cable exceeds 500 m.
   - When transmission cable length between each units exceeds (in segment) 400 m.
   - When the number of total unit exceeds 64 units. (For how to count units, refer to "How to count units in a network segment" on page 06-45.

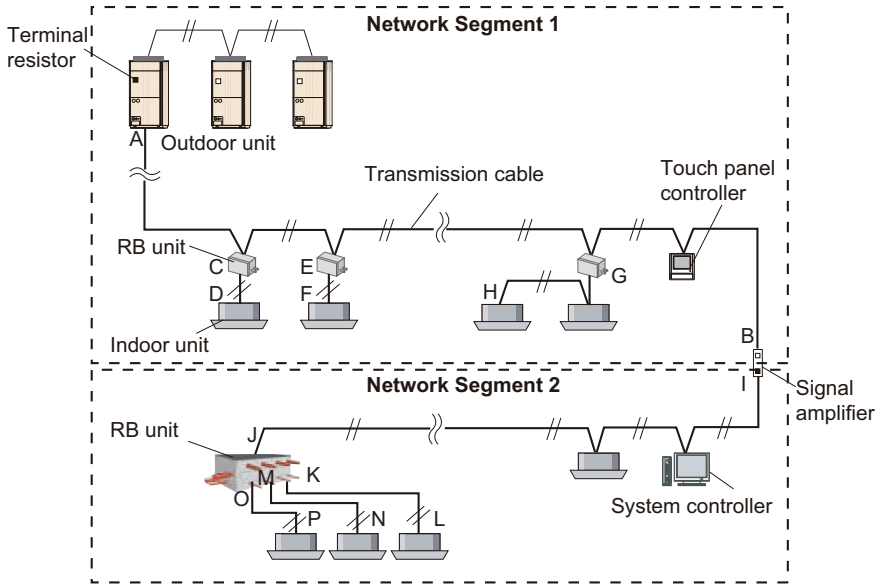
   Example

   Before Signal amplifier installation




1) AB = 700 m > 400 m
→ NG

After Signal amplifier installation




1) AB = 350 m (NS1)
IJ = 350 m (NS2)
→ OK

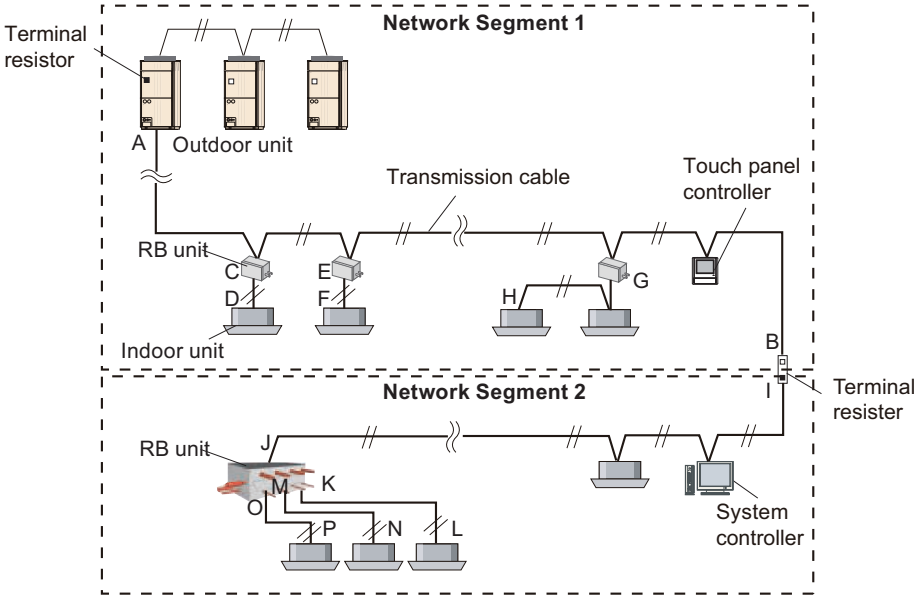
2) AB + CD + EF + GH = 450 m (NS1)
IJ + KL + MN + OP = 450 m (NS2)
→ OK

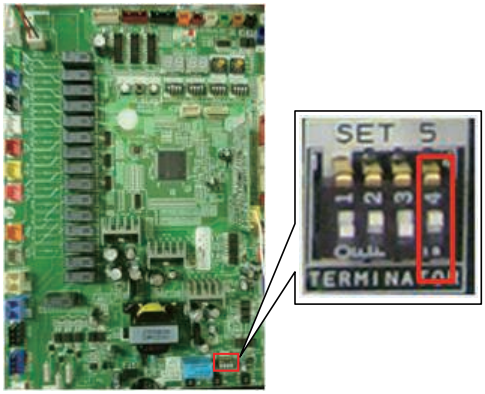
3) Number of unit = 30 (NS1)
Number of unit = 20 (NS2)
→ OK

SYSTEM DESIGN

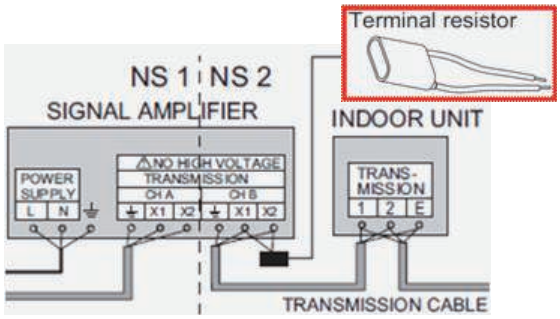
SYSTEM DESIGN

2. Terminal resistor should be installation on each network segments.




DipSW of Outdoor unit PCB
(On: Enabled, Off: Disable)




Signal amplifier PCB



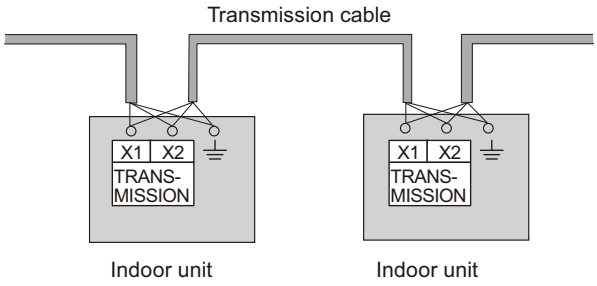
SYSTEM DESIGN

3. Confirm how to wire transmission cable.
Confirm how to connect transmission cable between indoor units.
Arrange so that there is one terminal resistor for each network segment.

Measure the resistance of the Signal Amplifier terminal and the terminal of indoor units and outdoor units connected farthest away from the device where terminal resistor is measured.
A value from the table is displayed, depending on the distance from the Signal Amplifier and the device where the terminal resistor is set. This value is an estimate.

| Approximate resistance (Ω) | Distance from terminal resister (m) | | | | |
|---|---|---|---|---|---|
| | 0 ~ 100 | ~ 200 | ~ 300 | ~ 400 | ~ 500 |
| 0 ~ 50 | A short circuit somewhere or 2 or more termination resisters are connected. | | | | |
| 50 | | | | | |
| 60 | | | | | |
| 70 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |
| 110 | | | | | |
| 120 | | | | | |
| 130 | | | | | |
| 140 | | | | | |
| 150 | | | | | |
| 160 | | | | | |
| 170 | | | | | |
| 180 | | | | | |
| 190 ~ | Faulty contact or wiring length over 500 m | | | | |
| 1K ~ ∞ | Faulty contact, open circuit, or no terminal resister | | | | |

Always take a ground from ends of transmission cable.




4. Confirm transmission wiring system in VRF network
Check your transmission wiring system whether the transmission wiring system is ensured wiring rule. For wiring rules, refer to "VRF network system" on page 06-38.

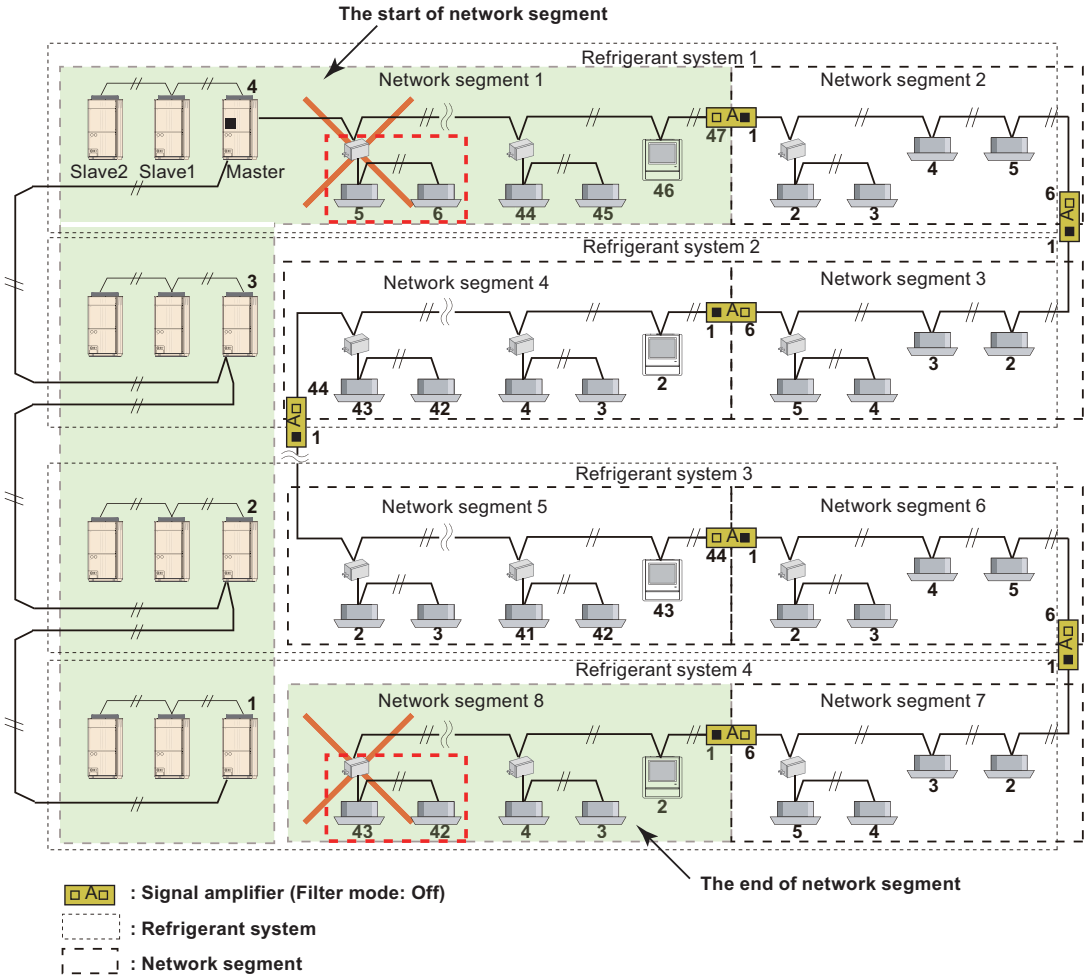
Check list

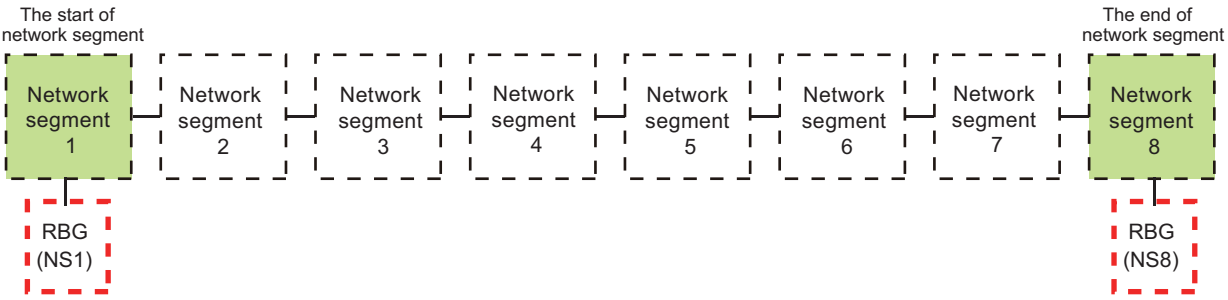
- □ Total transmission wiring length
- □ Total number of unit
- □ Total of network segment (NS) and RB unit group (RBG) should 9 or less.

**NOTE:** Only the number of RBG(s) in the first NS and the last NS must be counted. Even if more than two RB units are used in the first NS and the last NS, the segment(s) has to be reckoned as single RB unit is used in the RBG counting.


SYSTEM DESIGN

- **Example 1 (Prohibited)**
  Conditions
  – VRF system: VR-II only
  – Total indoor units: 45 + 45 + 45 + 45 = 180 units (≤ 321)
  – Total Signal Amplifier: 7 units (Filter mode: Off = 7 units, Filter mode: On = 0 unit)




Judgement: Number of NS = 8

Number of RBG* = 2

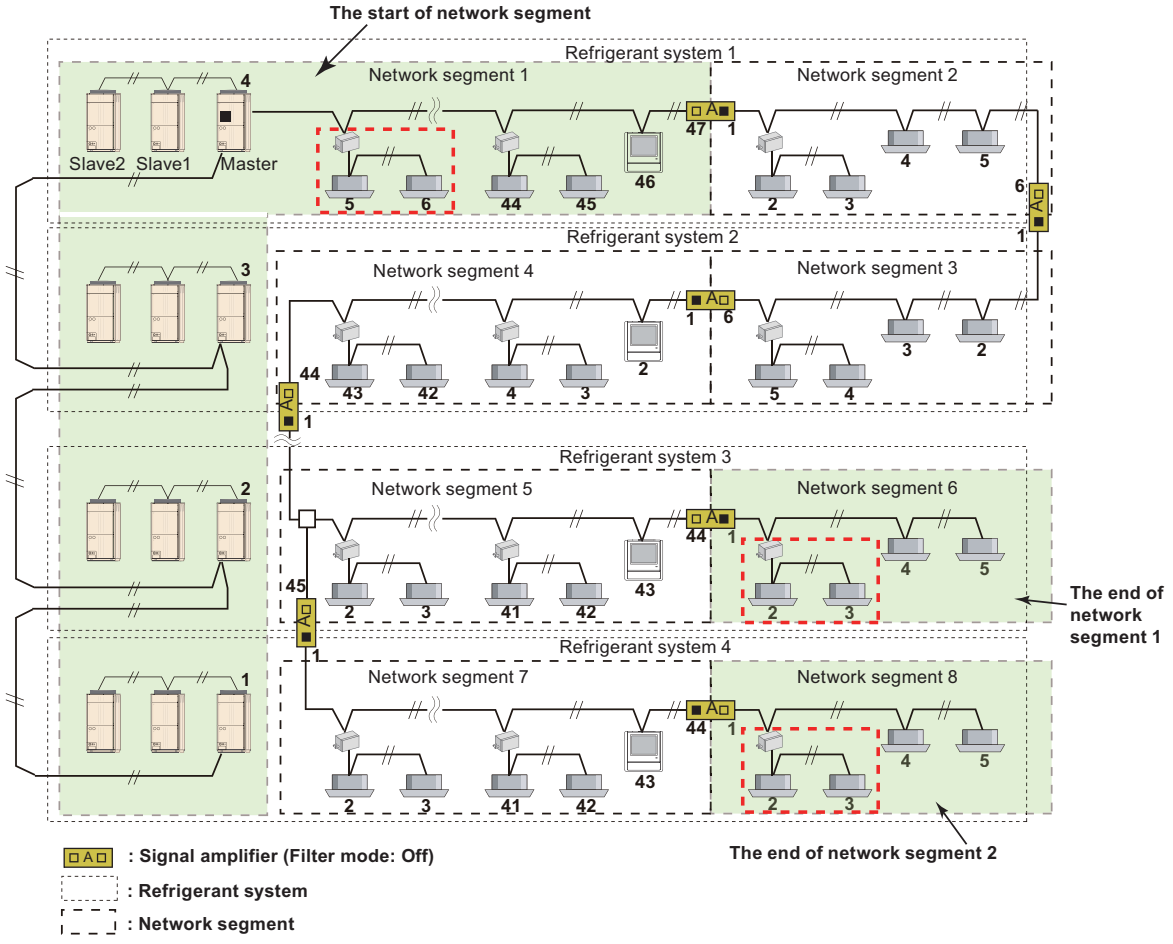
Total number = 10 → NG
Total of network segment (NS) and RB unit group (RBG) should 9 or less.

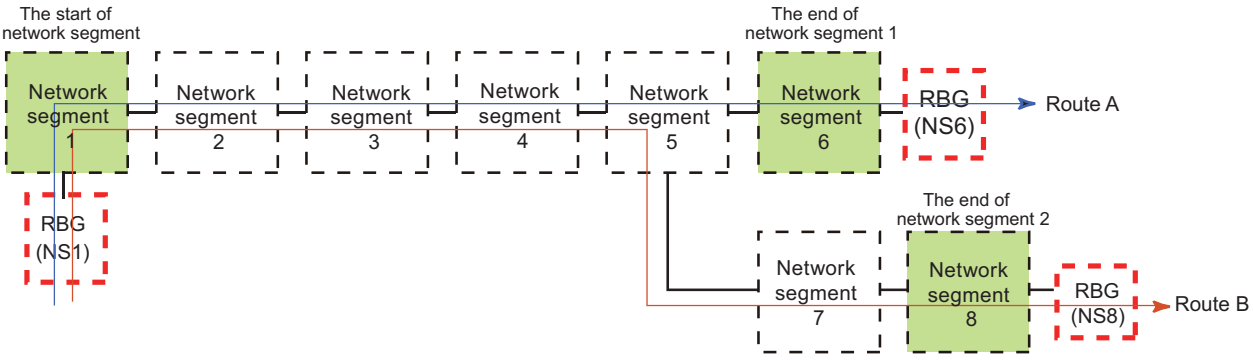
→ Re-wiring with reference to example 2

*: Only the number of RBG(s) in the first NS and the last NS must be counted. Even if more than two RB units are used in the first NS and the last NS, the segment(s) has to be reckoned as single RB unit is used in the RBG counting.


SYSTEM DESIGN

- **Example 2 (OK)**
  Conditions
  – VRF system: VR-II only
  – Total indoor units: 45 + 45 + 45 + 45 = 180 units (≤ 321)
  – Total Signal Amplifier: 7 units (Filter mode: Off = 7 units, Filter mode: On = 0 unit)




Judgement (Route A): Number of NS = 6

Number of RBG* = 2

Total number = 8 → OK
Total of network segment (NS) and RB unit group (RBG) should 9 or less.

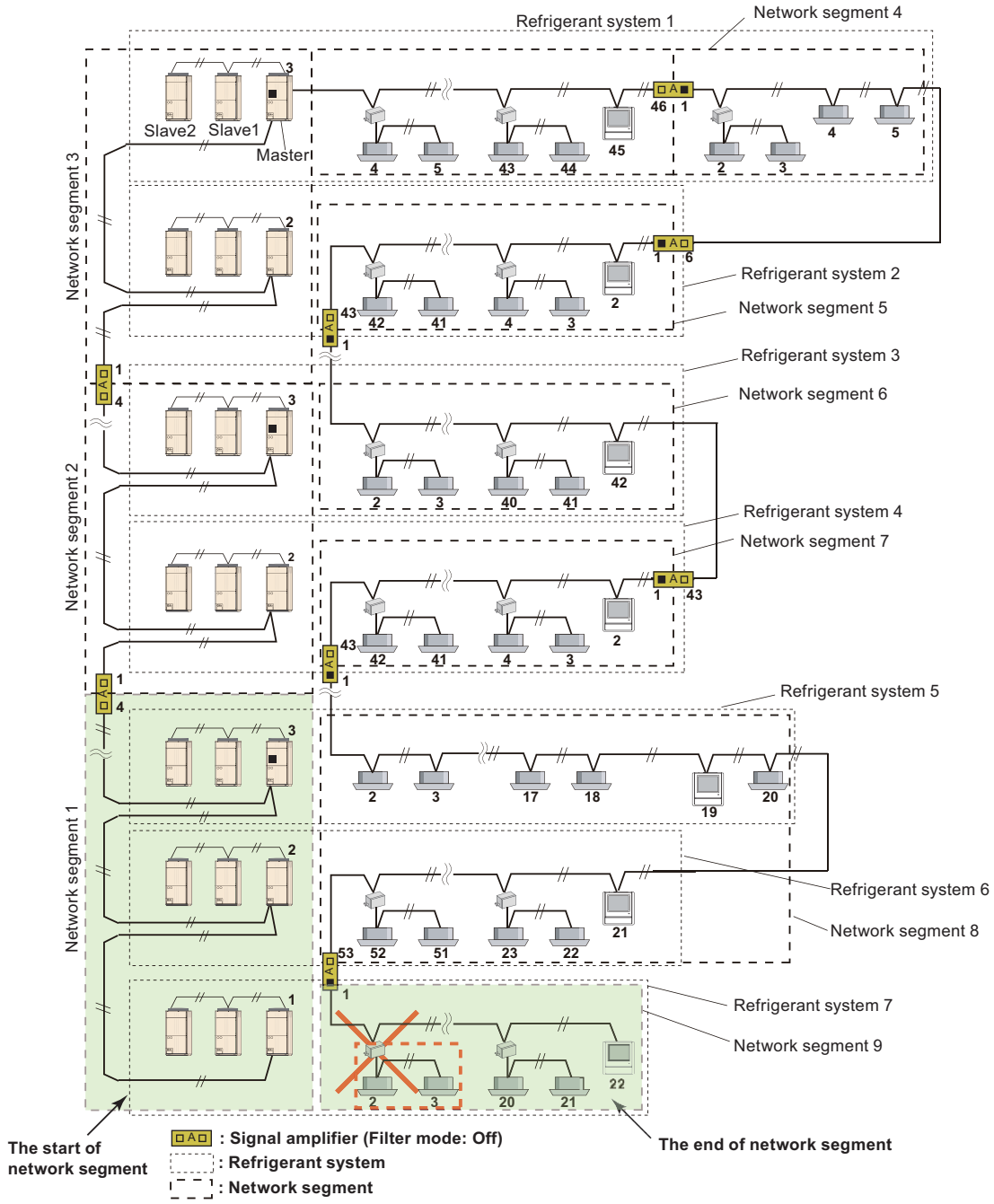
Judgement (Route B): Number of NS = 7

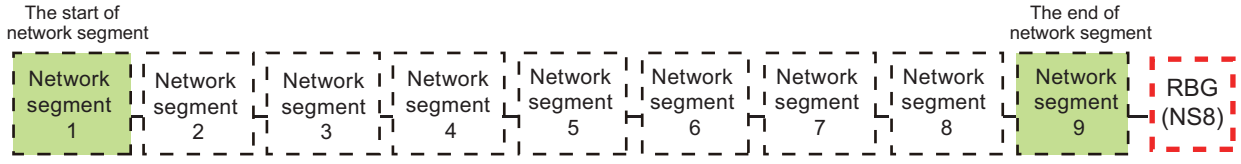
Number of RBG* = 2

Total number = 9 → OK
Total of network segment (NS) and RB unit group (RBG) should 9 or less.

*: Only the number of RBG(s) in the first NS and the last NS must be counted. Even if more than two RB units are used in the first NS and the last NS, the segment(s) has to be reckoned as single RB unit is used in the RBG counting.

- **Example 3 (Prohibited)**
  Conditions
  – VRF system: VR-II and V-II
  – Total indoor units: 45 + 40 + 40 + 40 + 18 + 31 + 20 = 234 units (≤ 321)
  – Total Signal Amplifier: 8 units (Filter mode: Off = 8 units, Filter mode: On = 0 unit)




Judgement: Number of NS = 9

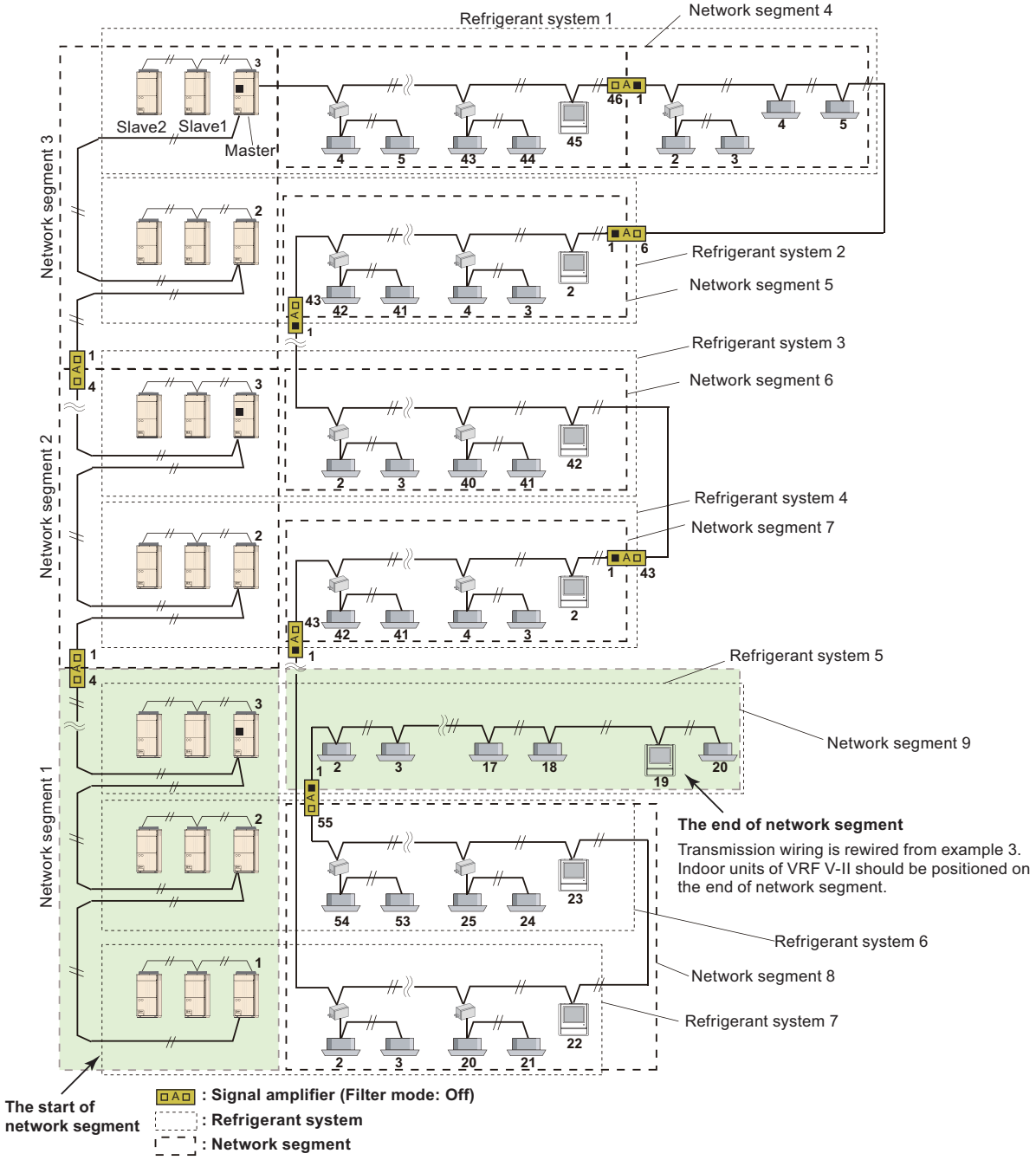
Number of RBG* = 1

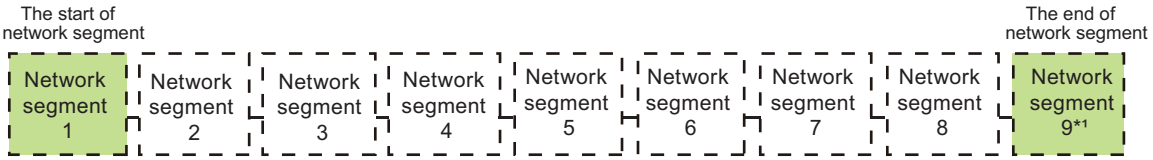
Total number = 10 → NG
Total of network segment (NS) and RB unit group (RBG) should 9 or less.

→ Re-wiring with reference to example 4

*: Only the number of RBG(s) in the first NS and the last NS must be counted. Even if more than two RB units are used in the first NS and the last NS, the segment(s) has to be reckoned as single RB unit is used in the RBG counting.

- **Example 4 (OK)**
  Conditions
  – VRF system: VR-II and V-II
  – Total indoor units: 45 + 40 + 40 + 40 + 18 + 31 + 20 = 234 units (≤ 321)
  – Total Signal Amplifier: 8 units (Filter mode: Off = 8 units, Filter mode: On = 0 unit)




Judgement: Number of NS = 9

Number of RBG*2 = 0

Total number = 9 → OK
Total of network segment (NS) and RB unit group (RBG) should 9 or less.

*1: No RBG exists on network segment 9 due to V-II series.

*2: Only the number of RBG(s) in the first NS and the last NS must be counted. Even if more than two RB units are used in the first NS and the last NS, the segment(s) has to be reckoned as single RB unit is used in the RBG counting.

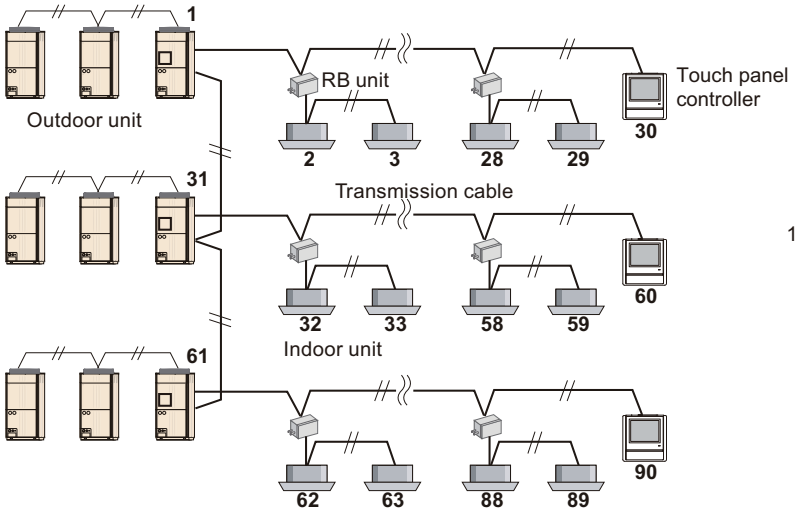
## ● Pattern B

Install the Signal amplifier by performing the following steps.

1. In the following case, install the Signal Amplifier.
   - When the total length of the transmission cable exceeds 500 m.
   - When transmission cable length between each units exceeds (in segment) 400 m.
   - When the number of total unit exceeds 64 units. (For how to count units, refer to "How to count units in a network segment" on page 06-45.

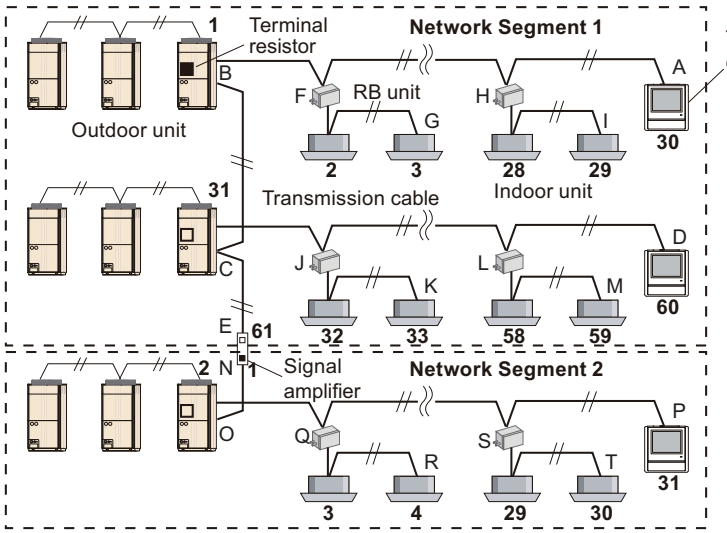
   Example

   Before Signal amplifier installation




1) Number of unit = 90 > 64
→ NG

After Signal amplifier installation



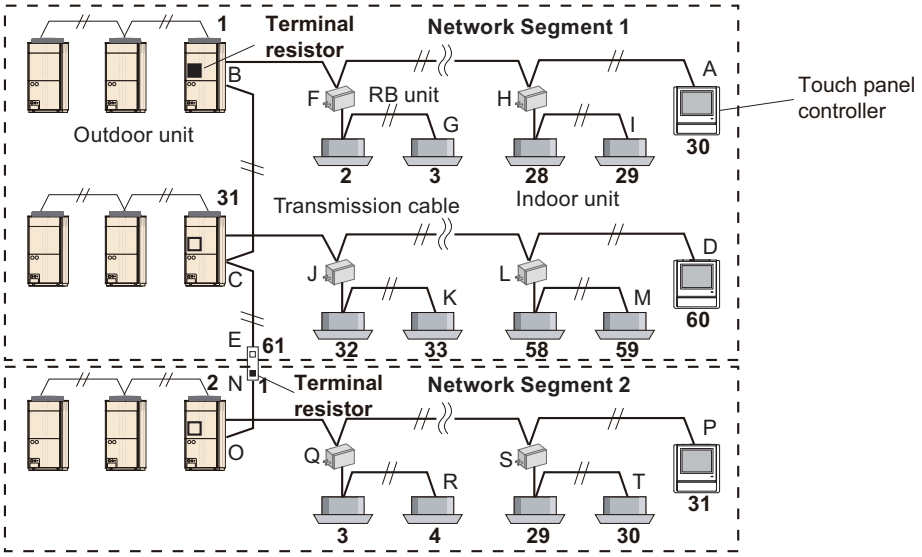

1) Number of unit = 61 (NS1)
Number of unit = 31 (NS2)
→ OK

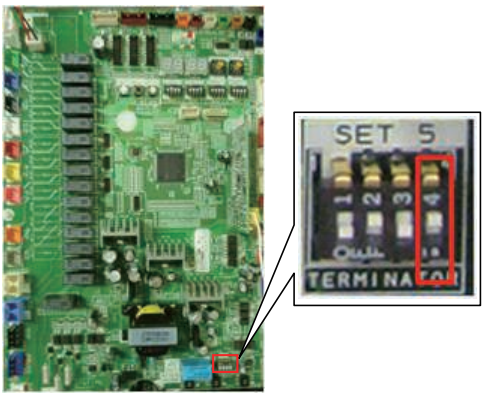
2) AB + BC + CD + CE + JK + LM = 300 m (NS1)
NO + OP + QR + ST = 300 m (NS2)
→ OK

3) AD = 200 m (NS1)
NP = 100 m (NS2)
→ OK

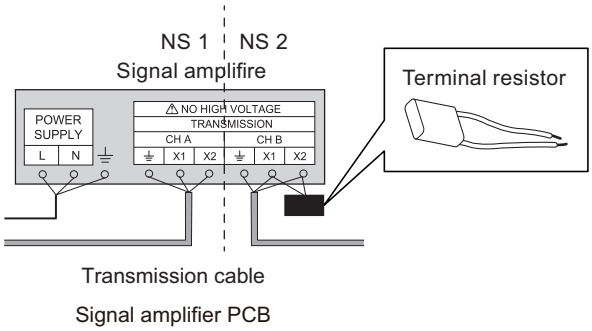

SYSTEM DESIGN

2. Terminal resistor should be installation on each network segments.




DipSW of Outdoor unit PCB
(On: Enabled, Off: Disable)




Transmission cable

Signal amplifier PCB



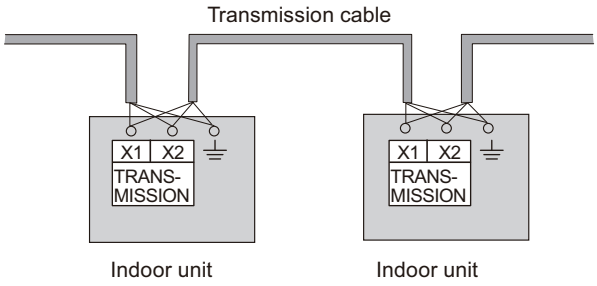
SYSTEM DESIGN

3. Confirm how to wire transmission cable.
Confirm how to connect transmission cable between indoor units.
Arrange so that there is one terminal resistor for each network segment.

Measure the resistance of the Signal Amplifier terminal and the terminal of indoor units and outdoor units connected farthest away from the device where terminal resistor is measured.
A value from the table is displayed, depending on the distance from the Signal Amplifier and the device where the terminal resistor is set. This value is an estimate.

| Approximate resistance (Ω) | Distance from terminal resister (m) | | | | |
|---|---|---|---|---|---|
| | 0 ~ 100 | ~ 200 | ~ 300 | ~ 400 | ~ 500 |
| 0 ~ 50 | A short circuit somewhere or 2 or more termination resisters are connected. | | | | |
| 50 | | | | | |
| 60 | | | | | |
| 70 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |
| 110 | | | | | |
| 120 | | | | | |
| 130 | | | | | |
| 140 | | | | | |
| 150 | | | | | |
| 160 | | | | | |
| 170 | | | | | |
| 180 | | | | | |
| 190 ~ | Faulty contact or wiring length over 500 m | | | | |
| 1K ~ ∞ | Faulty contact, open circuit, or no terminal resister | | | | |

Always take a ground from ends of transmission cable.




4. Confirm transmission wiring system in VRF network
Check your transmission wiring system whether the transmission wiring system is ensured wiring rule. For wiring rules, refer to "VRF network system" on page 06-38.

Check list

- □ Total transmission wiring length
- □ Total number of unit
- □ Total of network segment (NS) and RB unit group (RBG) should 9 or less.

**NOTE:** Only the number of RBG(s) in the first NS and the last NS must be counted. Even if more than two RB units are used in the first NS and the last NS, the segment(s) has to be reckoned as single RB unit is used in the RBG counting.


SYSTEM DESIGN

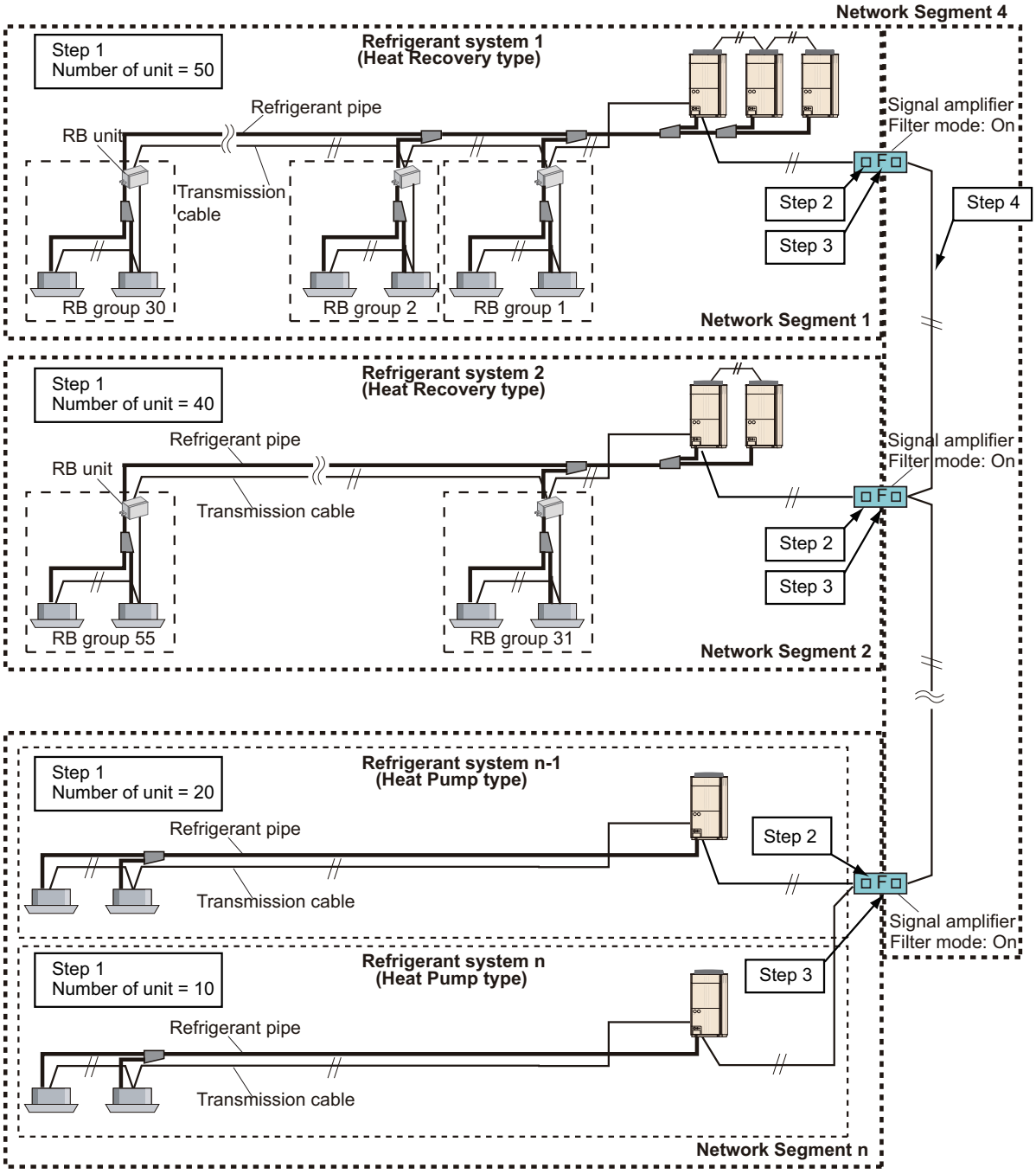
## ● Pattern C

Install the Signal amplifier by performing the following steps.

1. Count number of unit on each refrigerant systems.
2. Install Signal Amplifier on each refrigerant systems.

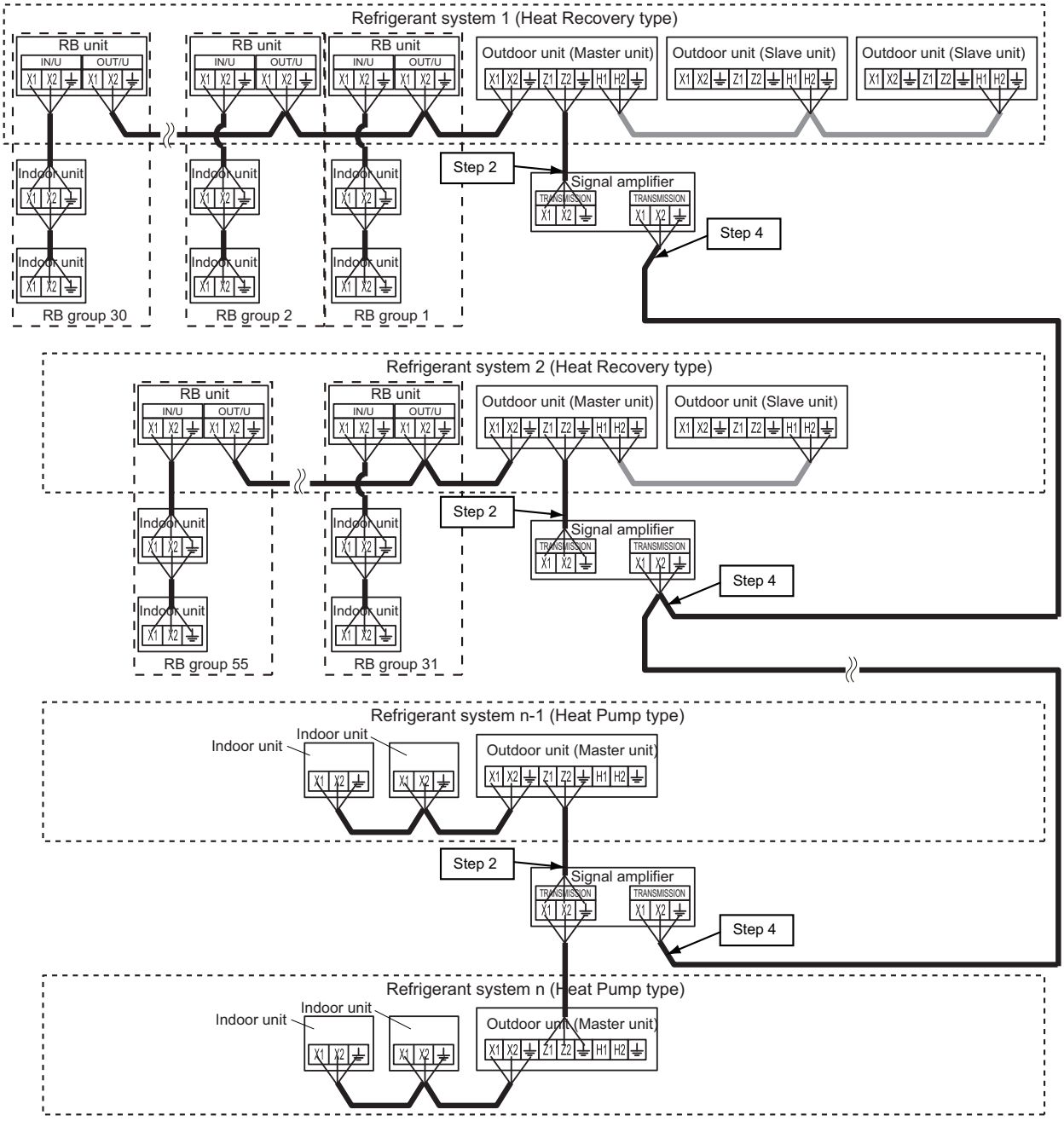
**NOTE:** Even though different refrigerant system, case of total indoor units are 63 pcs, it is good installation just install one Signal Amplifier.

3. Each Signal Amplifier should be set filter mode on.
4. Connect transmission wire between each Signal Amplifiers that set filter mode on.






SYSTEM DESIGN



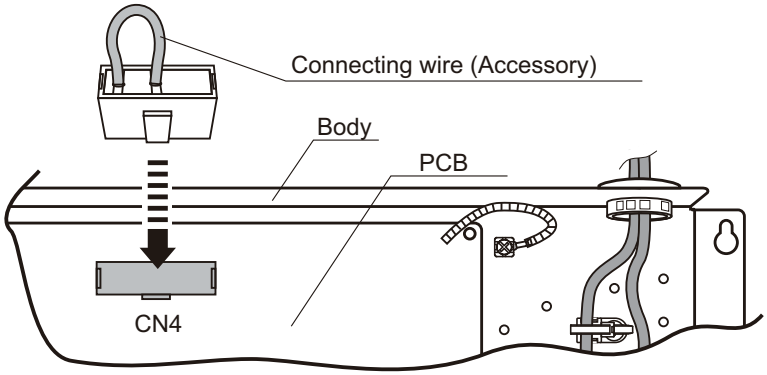

- X1, X2: Indoor unit to outdoor unit (Master), Indoor unit to RB Unit, RB Unit to outdoor unit (Master)
- Z1, Z2: Connection for different refrigerant circuit of master outdoor unit
- H1, H2: Module link connection between master and slave outdoor units (It is required for combination use.)

### ⚠ CAUTION

Take notice that transmission wire should be used different terminals in the Signal Amplifier on step 2 and step 4 as above.


SYSTEM DESIGN

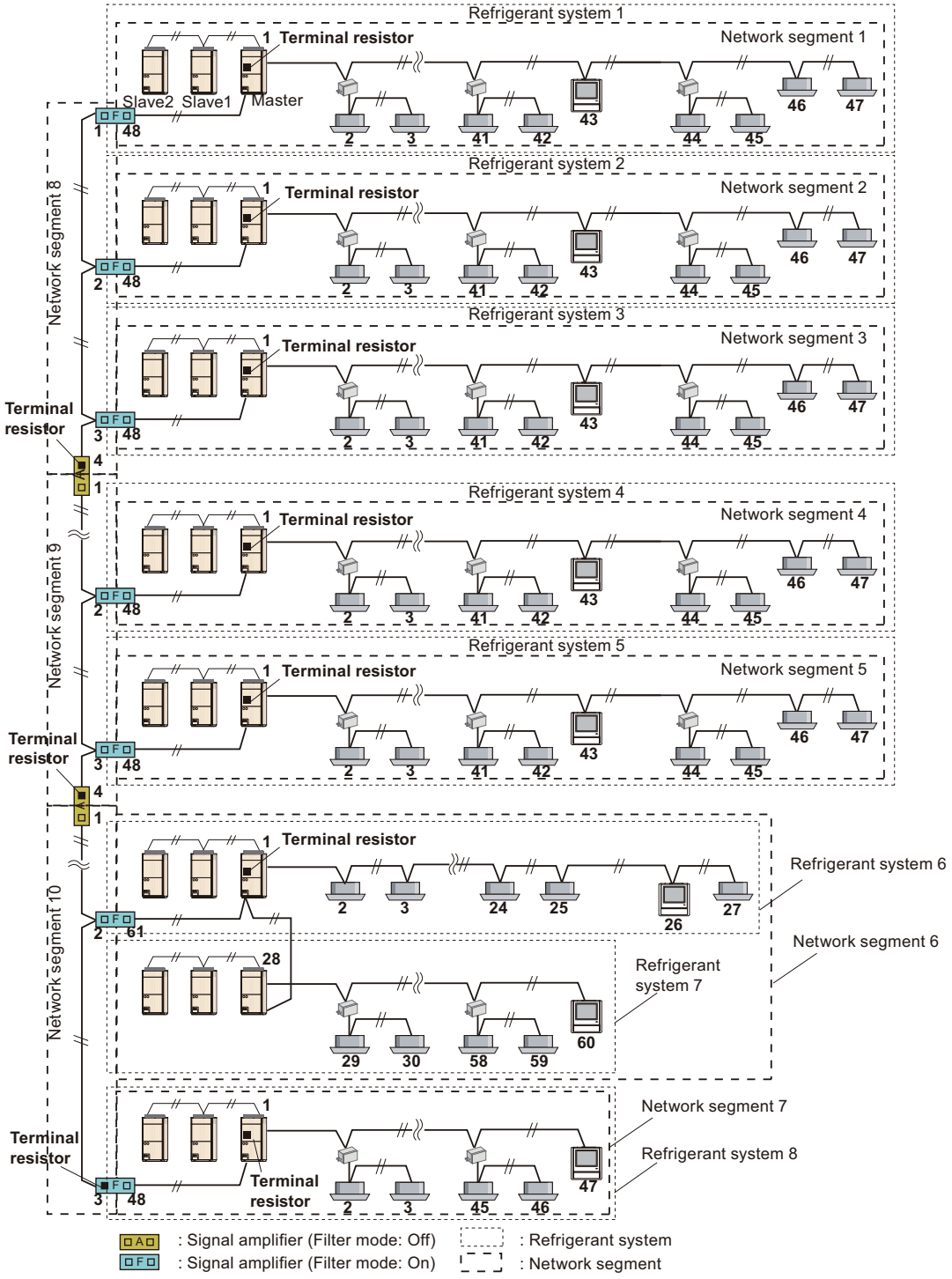
- **Filter mode setting**
  Set the filter mode to suppress an increase of the amount of communication information in the VR-II system.
  – Filter mode is turned on by inserting the accessory connecting wire at the CN4 connector on the PCB.
  – When the filter mode setting is changed, turn the power off once. Otherwise, the setting will not be recognized.

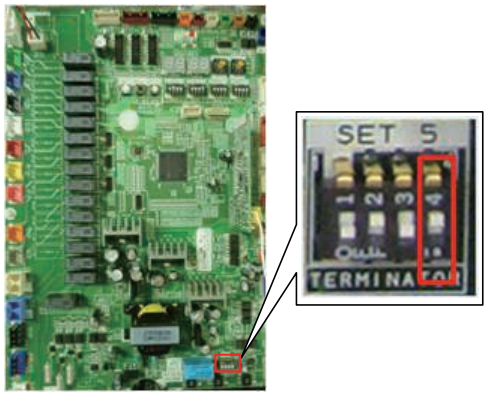



5. If transmission wiring length meet as follows, install a Signal Amplifier that is set filter mode off.
   - When the total length of the transmission cable exceeds 500 m.
   - When transmission cable length between each units exceeds (in segment) 400 m.

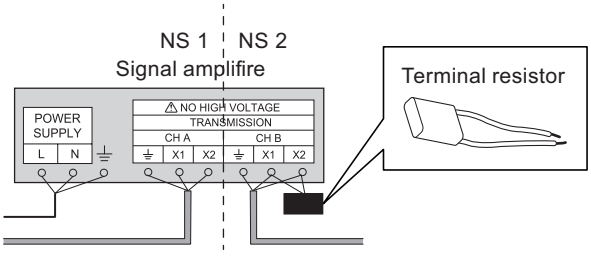

SYSTEM DESIGN

6. Terminal resistor should install on each network segments.




DipSW of Outdoor unit PCB
(On: Enabled, Off: Disable)




Transmission cable

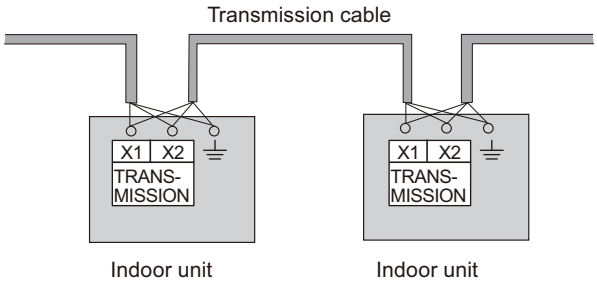
Signal amplifier PCB

7. Confirm how to wire transmission cable.
Confirm how to connect transmission cable between indoor units.
Arrange so that there is one terminal resistor for each network segment.

Measure the resistance of the Signal Amplifier terminal and the terminal of indoor units and outdoor units connected farthest away from the device where terminal resistor is measured.
A value from the table is displayed, depending on the distance from the Signal Amplifier and the device where the terminal resistor is set. This value is an estimate.

| Approximate resistance (Ω) | Distance from terminal resister (m) | | | | |
|---|---|---|---|---|---|
| | 0 ~ 100 | ~ 200 | ~ 300 | ~ 400 | ~ 500 |
| 0 ~ 50 | A short circuit somewhere or 2 or more termination resisters are connected. | | | | |
| 50 | | | | | |
| 60 | | | | | |
| 70 | | | | | |
| 80 | | | | | |
| 90 | | | | | |
| 100 | | | | | |
| 110 | | | | | |
| 120 | | | | | |
| 130 | | | | | |
| 140 | | | | | |
| 150 | | | | | |
| 160 | | | | | |
| 170 | | | | | |
| 180 | | | | | |
| 190 ~ | Faulty contact or wiring length over 500 m | | | | |
| 1K ~ ∞ | Faulty contact, open circuit, or no terminal resister | | | | |

Always take a ground from ends of transmission cable.




8. Confirm total number of Signal Amplifier in VRF network according to following rule.
Signal Amplifier of filter mode off ≤ 8 units
Signal Amplifier of filter mode on ≤ 32 units

9. Confirm transmission wiring system in VRF network
Check your transmission wiring system whether the transmission wiring system is ensured wiring rule. For wiring rules, refer to "VRF network system" on page 06-38.

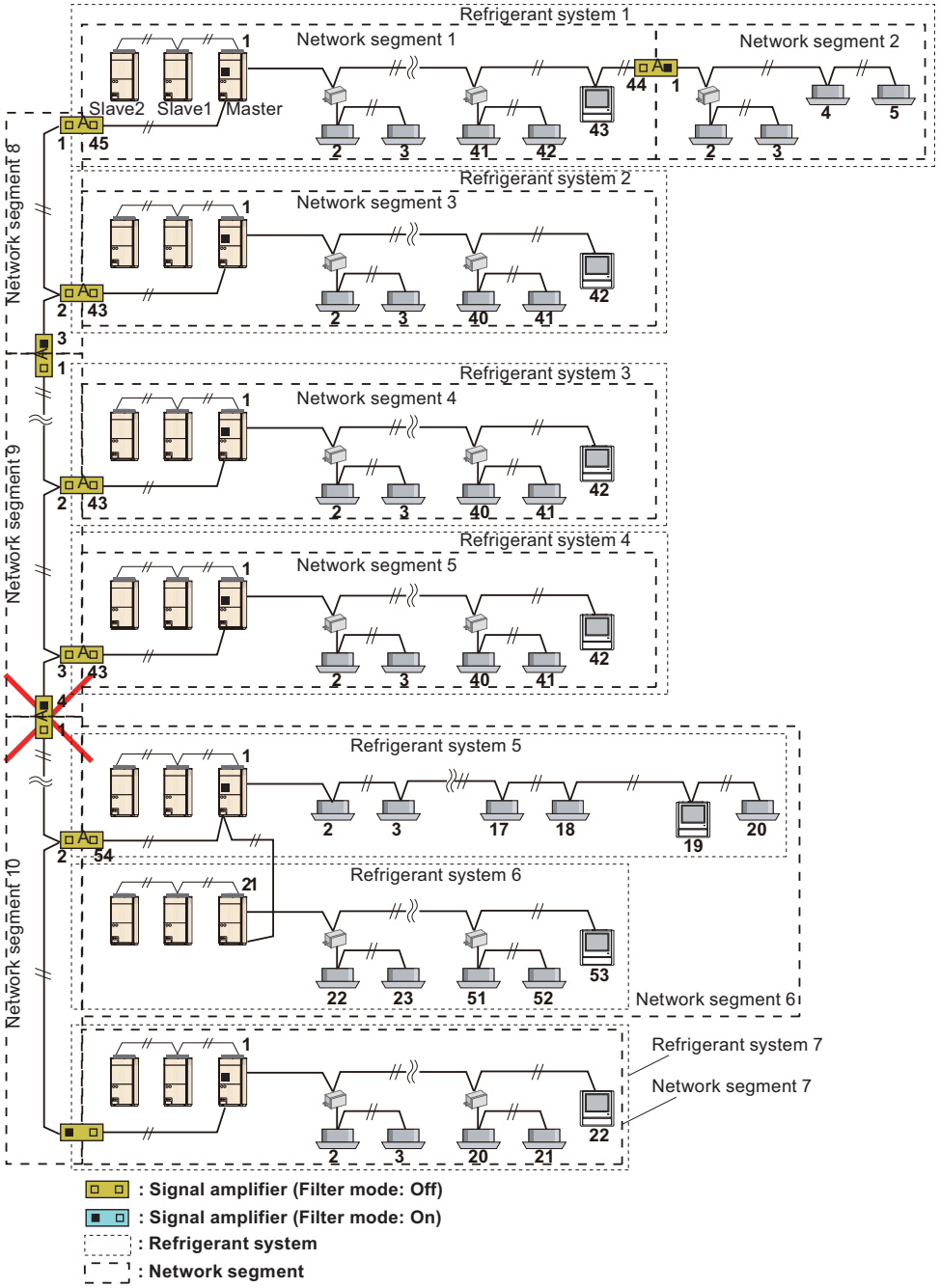
Check list

- □ Total transmission wiring length
- □ Total number of unit
- □ Total of network segment (NS) and RB unit group (RBG) should 9 or less.

**NOTE:** Only the number of RBG(s) in the first NS and the last NS must be counted. Even if more than two RB units are used in the first NS and the last NS, the segment(s) has to be reckoned as single RB unit is used in the RBG counting.


SYSTEM DESIGN

- **Example 1 (Prohibited)**
  Conditions
  – VRF system: VR-II and V-II
  – Total indoor units: 45 + 40 + 40 + 40 + 18 + 31 + 20 = 234 units (≤ 321)
  – Total Signal Amplifier: 9 units (Filter mode: Off = 9 units, Filter mode: On = 0 unit)



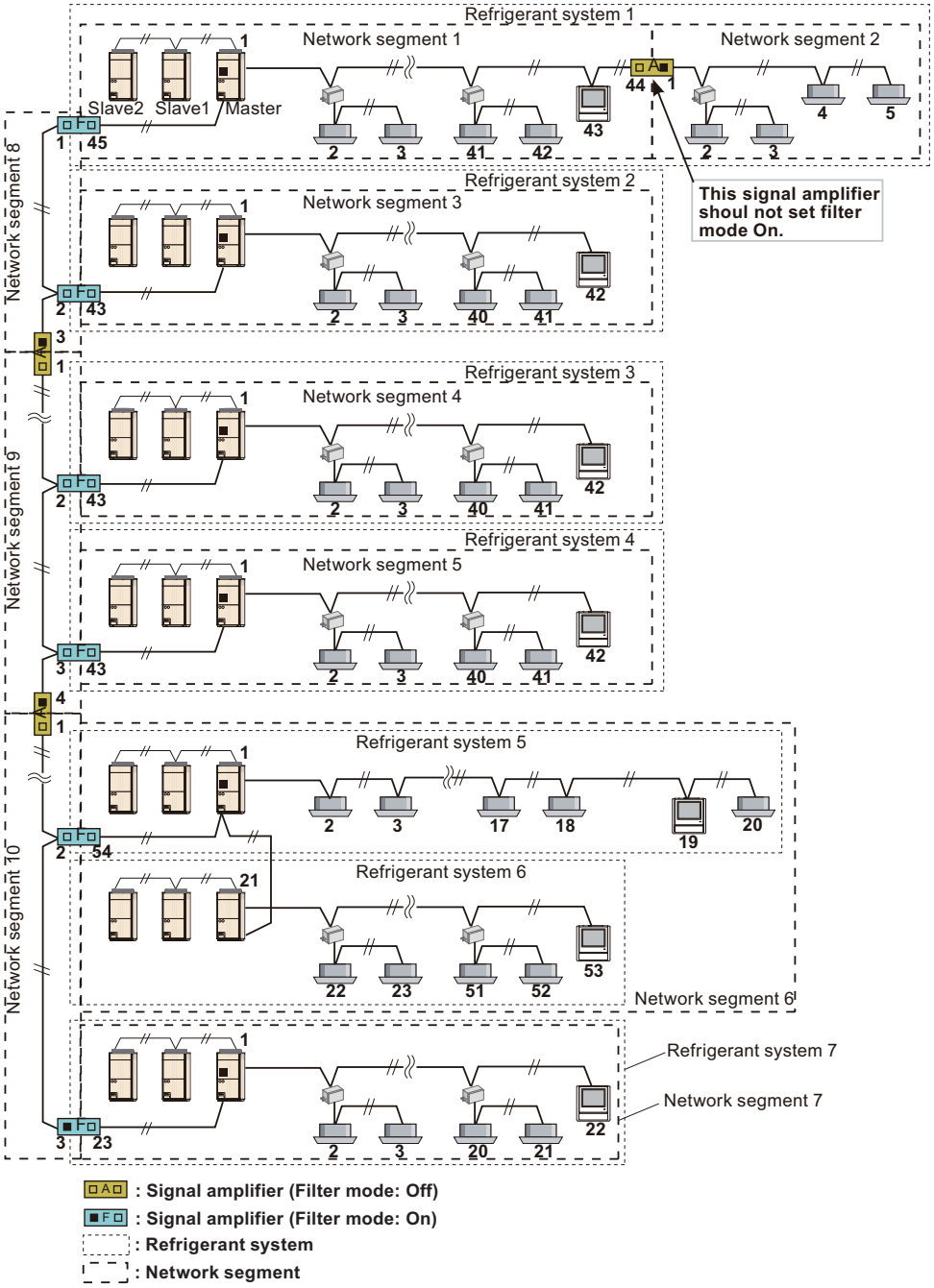

Judgement: Signal Amplifiers between each refrigerant systems set filter mode off.

Total Signal Amplifier (Filter mode: Off) exists 9 pcs. → NG

→ Re-wiring with reference to example 2


SYSTEM DESIGN

- **Example 2 (OK)**
  Conditions
  – VRF system: VR-II and V-II
  – Total indoor units: 45 + 40 + 40 + 40 + 18 + 31 + 20 = 234 units (≤ 321)
  – Total Signal Amplifier: 9 units (Filter mode: Off = 3 units, Filter mode: On = 6 unit)



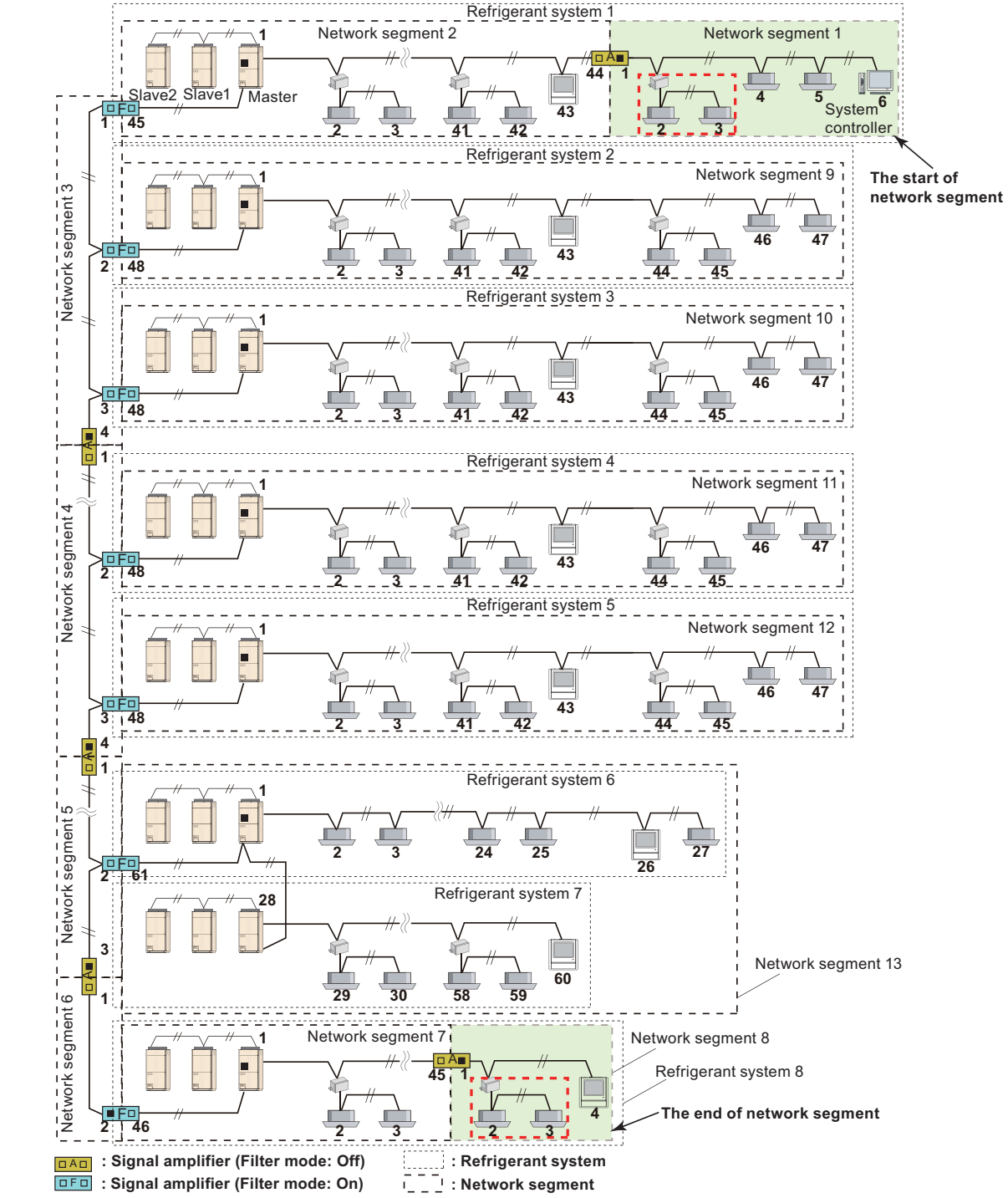

Judgement: Signal Amplifiers between each refrigerant systems set filter mode on.

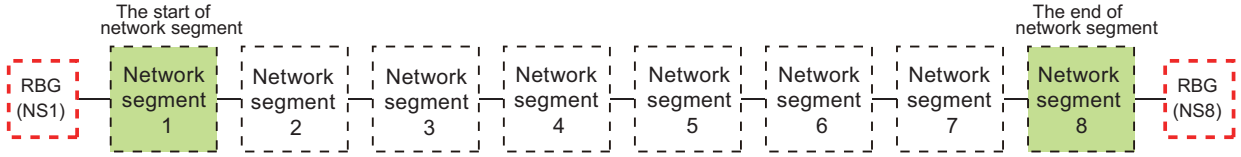
Total Signal Amplifier (Filter mode: Off) exists 3 pcs. → OK

SYSTEM DESIGN

SYSTEM DESIGN

- **Example 3 (Prohibited)**
  Conditions
  – VRF system: VR-II and V-II
  – Total indoor units: 45 + 45 + 45 + 45 + 45 + 25 + 31 + 45 = 326 units (≥ 321)
  – Total Signal Amplifier: 12 units (Filter mode: Off = 5 units, Filter mode: On = 7 unit)



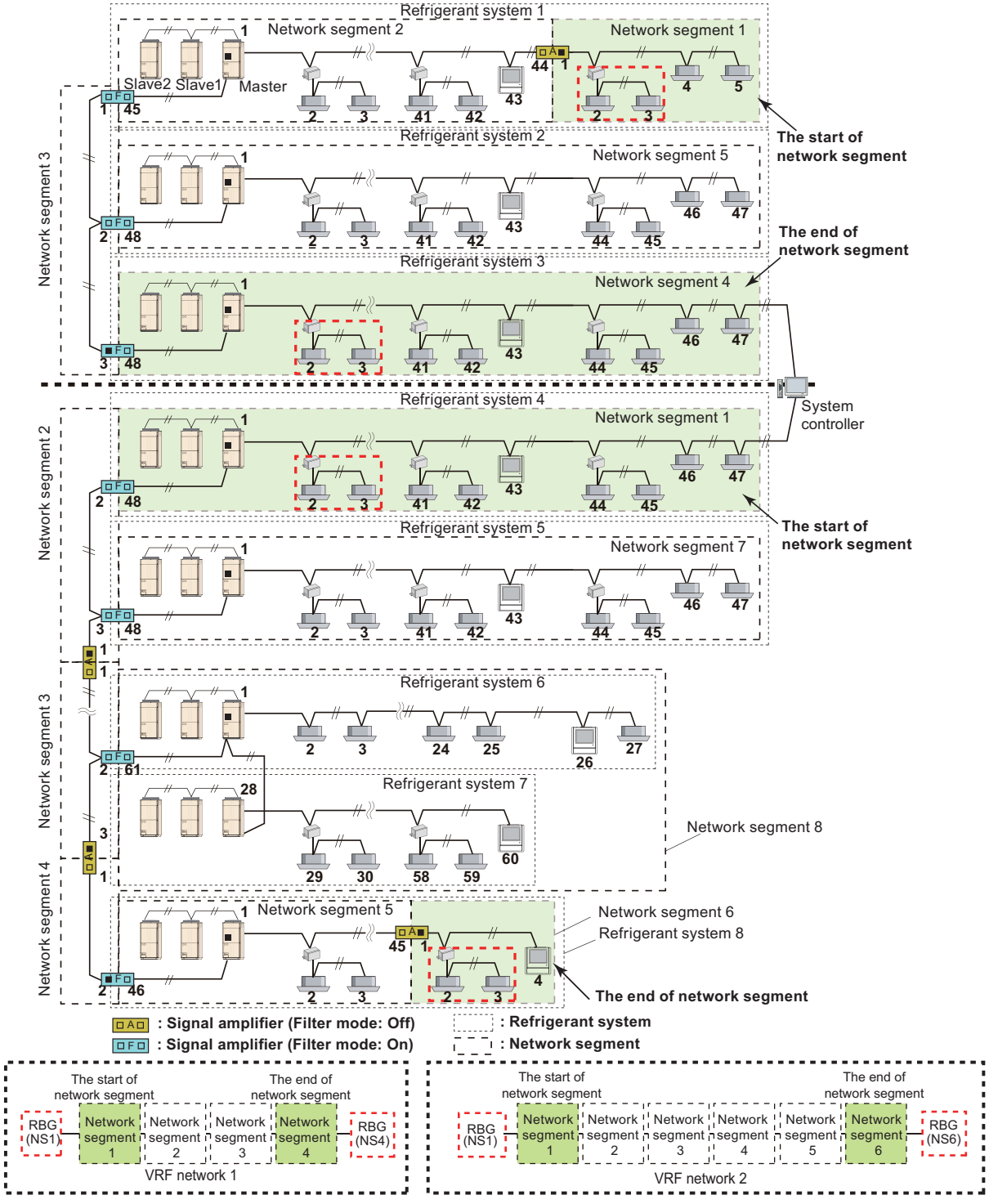

Judgement: Number of NS = 8 Number of RBG* = 2

Total number = 10 → NG
Total of network segment (NS) and RB unit group (RBG) should 9 or less.

→ Re-wiring with reference to example 4

*: Only the number of RBG(s) in the first NS and the last NS must be counted. Even if more than two RB units are used in the first NS and the last NS, the segment(s) has to be reckoned as single RB unit is used in the RBG counting.

- **Example 4 (OK)**
  Conditions
  – VRF system: VR-II and V-II
  – Total indoor units: 45 + 45 + 45 + 45 + 45 + 25 + 31 + 45 = 326 units (≥ 321)
  – Total Signal Amplifier: 11 units (Filter mode: Off = 4 units, Filter mode: On = 7 unit)




Judgement (VRF network 1): Number of NS = 4 Number of RBG* = 2

Total number = 6 → OK

Total of network segment (NS) and RB unit group (RBG) should 9 or less.

Judgement (VRF network 2): Number of NS = 6 Number of RBG* = 2

Total number = 8 → OK

Total of network segment (NS) and RB unit group (RBG) should 9 or less.

*: Only the number of RBG(s) in the first NS and the last NS must be counted. Even if more than two RB units are used in the first NS and the last NS, the segment(s) has to be reckoned as single RB unit is used in the RBG counting.

# 4-4. Controller cable

**RELATED LINKS**

"Indoor unit type and applicable control method" in Chapter 5. CONTROL SYSTEM on page 05-8
"Control device design limitation" in Chapter 5. CONTROL SYSTEM on page 05-13
"Applicable parts" in Chapter 10. OPTIONAL PARTS on page 10-73

## ■ Wiring specifications

| Model type | Connection to | Wire | Size | Specification |
|---|---|---|---|---|
| System Controller | USB Adapter | USB cable | — | |
| System Controller Lite | | | | |
| Touch Panel Controller | Transmission cable | Refer to "Wiring specifications" on page 06-146 | | |
| Central Remote Controller | | | | |
| Wired Remote Controller (2-wire type)*1 | Indoor unit | Remote controller cable | 0.33 to 1.25 $mm^2$ | Sheathed, non-polar 2 core, twisted pair*2 |
| Simple Remote Controller (2-wire type)*1 | Indoor unit | Remote controller cable | 0.33 to 1.25 $mm^2$ | Sheathed, non-polar 2 core, twisted pair*2 |
| Wired Remote Controller (3-wire type) | Indoor unit | Remote controller cable | 0.33 $mm^2$ | Sheathed PVC cable, polar 3 core*2 |
| Simple Remote Controller (3-wire type) | | | | |
| External Switch Controller | Indoor unit | Remote controller cable | 0.33 $mm^2$ | Shielded, polar 3 core |
| | External input | | 0.33 $mm^2$ | Shielded, non-polar 2 core, twisted pair |
| IR Receiver Unit (for All duct type) | Indoor unit | Connection cable | — | 5 m cable attached |
| IR Receiver Unit (for Circular flow cassette type) | | | | |
| IR Receiver Unit (for 3D flow cassette type) | | | | |
| Human Sensor Kit (for Circular flow cassette type) | | | | |
| Remote Sensor Unit | | | | 10 m cable attached |
| EV Kit | | | | 5 m cable attached |
| Drain Pump Unit | | | | |

*1: For maximum connectable number, refer to "Maximum connectable number of remote controller (2-wire type)" on page 06-176.

*2: Use shielded cable (locally purchased) in accordance with the regional cable standard.

**⚠ CAUTION**

- Install in accordance with the regional standard.
- Never bundle the power supply cable and controller cable together. Bundling these cords together will cause misoperation.
- Always ground for shielded cable both end.
- For details of specification and connection, refer to "Control system" in Chapter 5. CONTROL SYSTEM on page 05-1.
- Controller might be required to connect power supply cable and transmission cable. For power supply cable, use separate connection with other units.


SYSTEM DESIGN

# ■ Maximum connectable number of remote controller (2-wire type)

Maximum connectable number of remote controller (2-wire type) is limited by cable size and maximum cable length.

| When using only remote controller other than UTY-RVR∗ | | | | |
|---|---|---|---|---|
| Cable size (S) | | Total cable length (L) | | |
| AWG | $mm^2$ | L ≤ 100 m | 100 m ≤ L ≤ 250 m | 250 m ≤ L ≤ 500 m |
| 16 | 1.25 | 4 | 4 | 4 |
| 18 | 0.75 (1.25 > S ≥ 0.75) | 4 | 4 | 2 |
| 20 | 0.5 (0.75 > S ≥ 0.5) | 4 | 2 | 2 |
| 22 | 0.3 (0.5 > S ≥ 0.3) | 4 | 1 | 1 |

| When using UTY-RVR∗ only | | | |
|---|---|---|---|
| Cable size (S) | | Total cable length (L) | |
| AWG | $mm^2$ | L ≤ 70 m | 70 m < L |
| 16 | 1.25 | 2 | — |
| 18 | 0.75 (1.25 > S ≥ 0.75) | 2 | — |
| 20 | 0.5 (0.75 > S ≥ 0.5) | 1 | — |
| 22 | 0.3 (0.5 > S ≥ 0.3) | 1 | — |

| When a combination use of UTY-RVR∗ and the remote controller other than UTY-RVR∗ | | | | | |
|---|---|---|---|---|---|
| Cable size (S) | | Total cable length (L) | | | |
| AWG | $mm^2$ | L ≤ 70 m | | 70 m < L | |
| | | UTY-RVR∗ | Other than UTY-RVR∗ | UTY-RVR∗ | Other than UTY-RVR∗ |
| 16 | 1.25 | 1 | 2 | — | — |
| 18 | 0.75 (1.25 > S ≥ 0.75) | 1 | 2 | — | — |
| 20 | 0.5 (0.75 > S ≥ 0.5) | 1 | 1 | — | — |
| 22 | 0.3 (0.5 > S ≥ 0.3) | 1 | 1 | — | — |

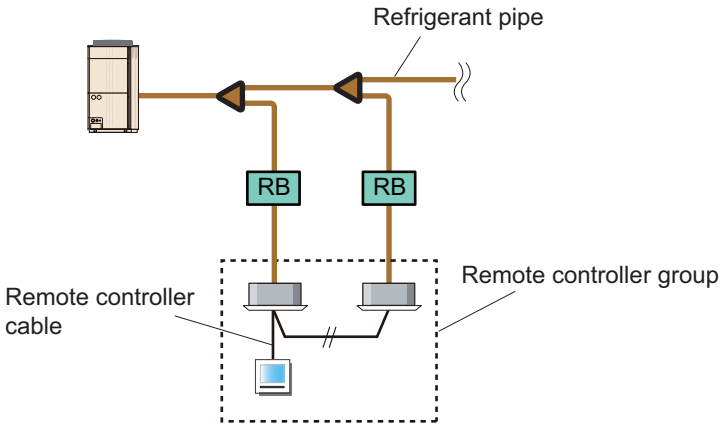
**NOTE:** A junction box might be necessary depending on the number of the connected remote controller, wiring conditions between the indoor unit and the remote controller, and so on. For details, refer to "System diagrams" in Chapter 5. CONTROL SYSTEM on page 05-49.


SYSTEM DESIGN

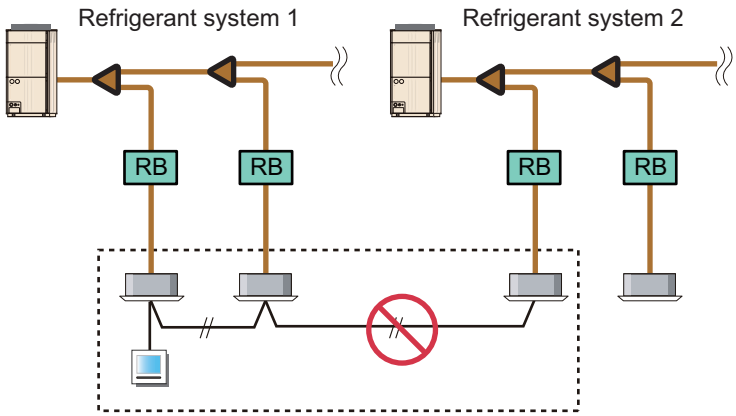
# ■ Wiring example

- **Example 1**
  Individual indoor units connected to each RB Unit can be connected as one remote controller group. (Max. 16 units)

**NOTE:** When connecting in one remote controller group, priority setting of external input on the RB Unit is prohibited. (Factory setting change is prohibited.)




- **Example 2 (Prohibited)**
  Cross-over wiring of refrigerant system in the same remote controller group is prohibited.

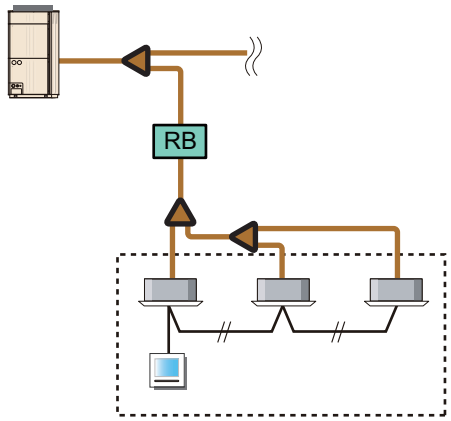




SYSTEM DESIGN

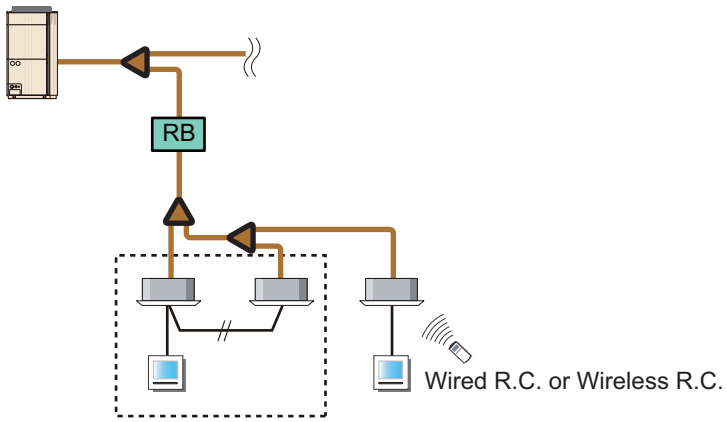
- **Example 3**
  When multiple indoor units are connected to one RB Unit, they can be connected as one remote controller group.

**NOTE:** Operational modes are COOL, HEAT, and DRY. FAN and AUTO cannot be performed.




- **Example 4**
  Connecting an independent indoor unit out of the remote controller group is allowed.

**NOTE:** Operational modes are COOL, HEAT, and DRY. FAN and AUTO cannot be performed. For the performed operation mode, earlier input has the priority.



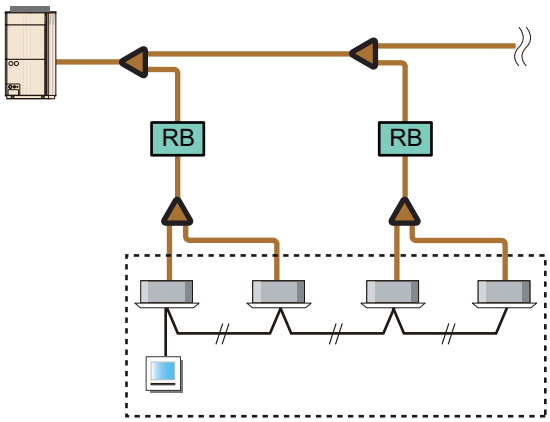


SYSTEM DESIGN

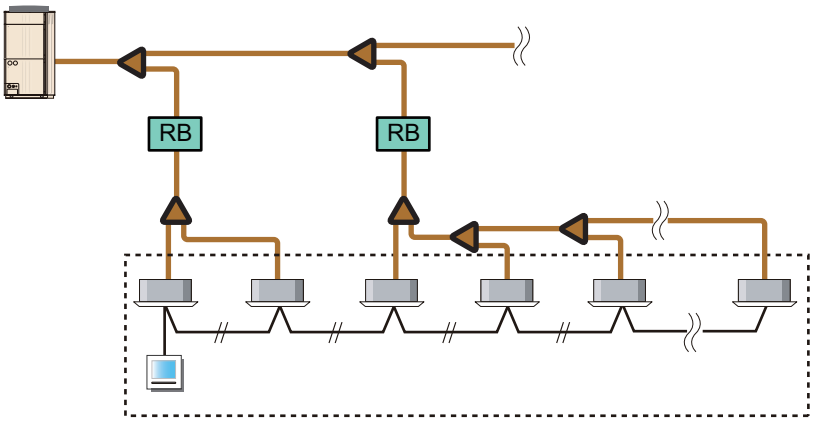
- **Example 5**
  When each RB Unit has multiple indoor units, and when grouping all the indoor units in different RB Unit groups as one remote controller group, connect all the indoor units.

**NOTE:** Operational modes are COOL, HEAT, and DRY. FAN and AUTO cannot be performed. When connecting in one remote controller group, priority setting of external input on the RB Unit is prohibited. (Factory setting change is prohibited.)

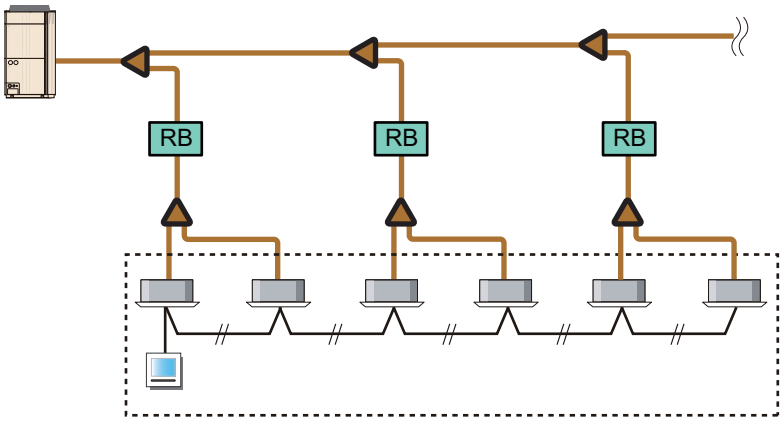
– **Example 5-1**




– **Example 5-2**



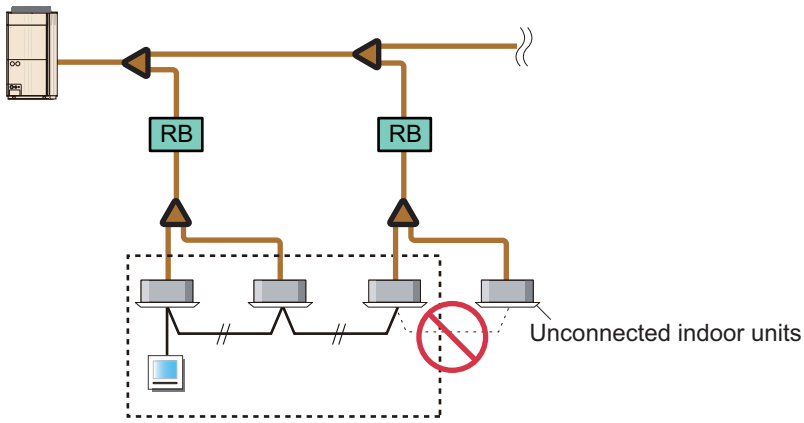

– **Example 5-3**



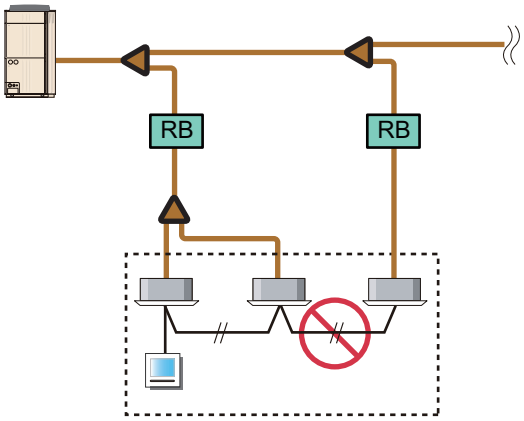


SYSTEM DESIGN

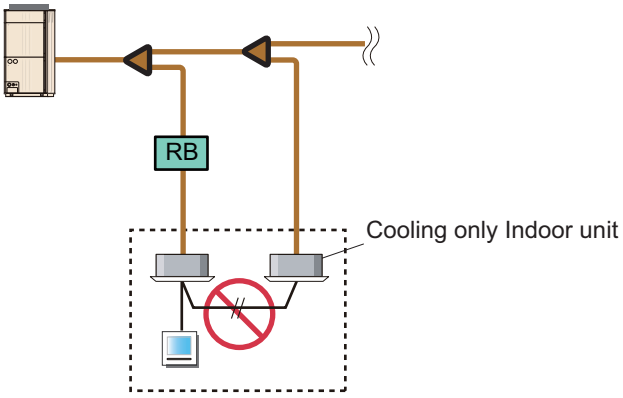
- **Example 6 (Prohibited)**
  All the indoor units should be connected.




- **Example 7 (Prohibited)**
  In same remote controller group, connecting 1 indoor unit connected to RB Unit and 2 or more indoor units connected to RB Unit is prohibited.




- **Example 8 (Prohibited)**
  Connecting an RB Unit group and cooling only type indoor unit(s) in same remote controller group is prohibited.

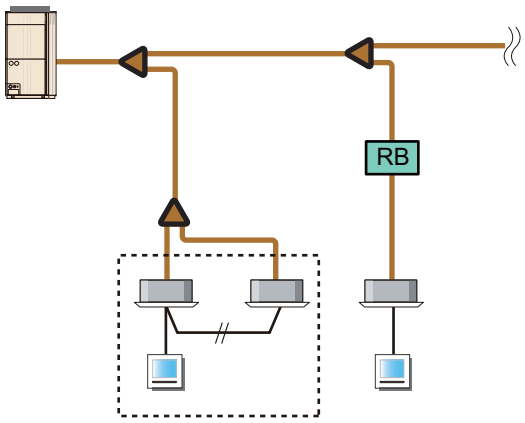




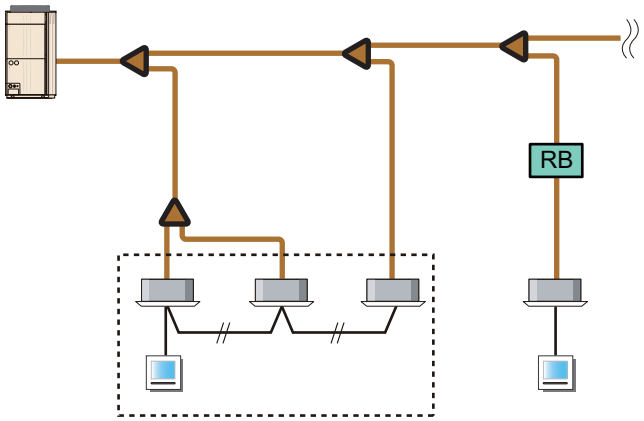
SYSTEM DESIGN

- **Example 9**
  Connecting cooling only type indoor units only in same remote controller group is allowed.

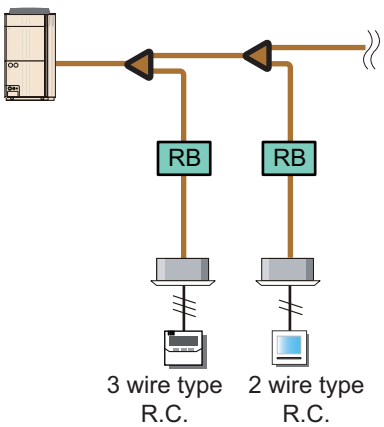
  – **Example 9-1**




  – **Example 9-2**



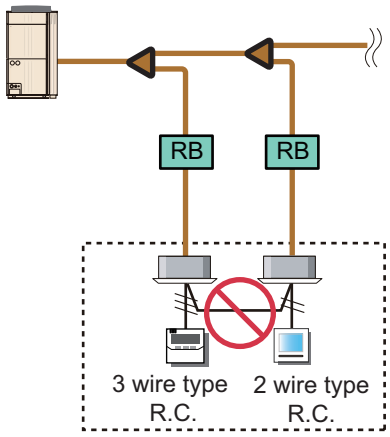

- **Example 10**
  3-wire type Wired Remote Controller and 2-wire type Wired Remote Controller can coexist in same refrigerant system.





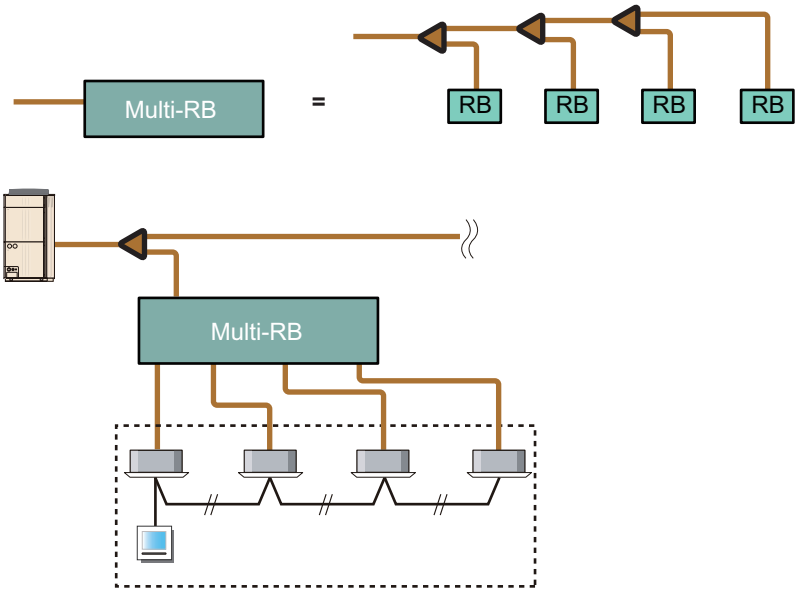
SYSTEM DESIGN

- **Example 11 (Prohibited)**
  Connecting 3-wire type Wired Remote Controller and 2-wire type Wired Remote Controller in same remote controller group is prohibited.

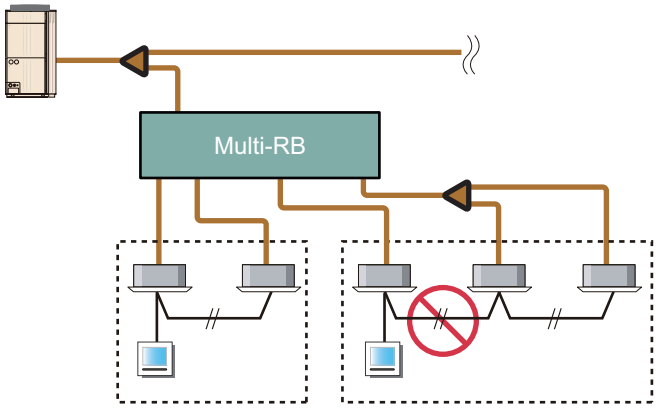



- **Example 12**
  Connection in multi type RB Unit group is same as the one in single type RB Unit group.

**NOTE:** When connecting in one remote controller group, priority setting of external input on the RB Unit is prohibited. (Factory setting change is prohibited.)




- **Example 13 (Prohibited)**
  In same remote controller group, connecting 1 indoor unit connected to RB Unit and 2 or more indoor units connected to RB Unit is prohibited.





SYSTEM DESIGN

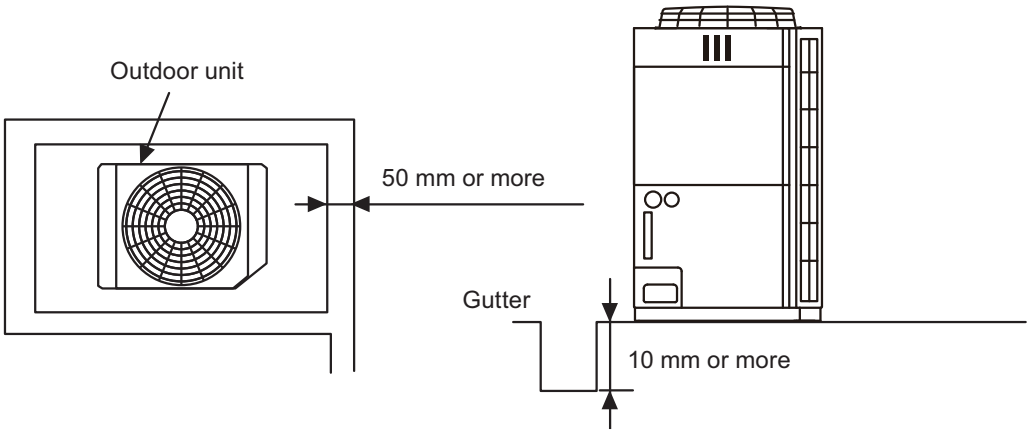
# 5. Drain connection

## 5-1. Outdoor unit

- The drain water is discharged from the bottom of the unit. Construct the foundation such that water drains away from the unit properly.
- When installing on a roof, make sure that the roof is properly waterproofed.

**⚠ CAUTION**

- The drain water from the base of the outdoor unit may generate during operations.
- Perform drain processing, as necessary.
- When you want to prevent the drain water from leaking at the perimeter, construct a ditch for the drain water as shown in the figure below.
- Provide a central drain pan, as necessary.





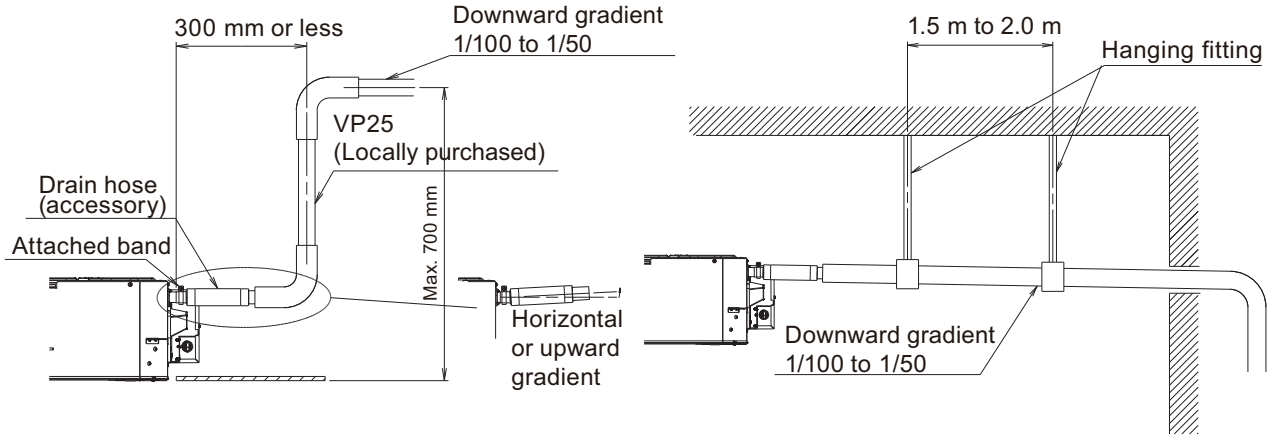

SYSTEM DESIGN

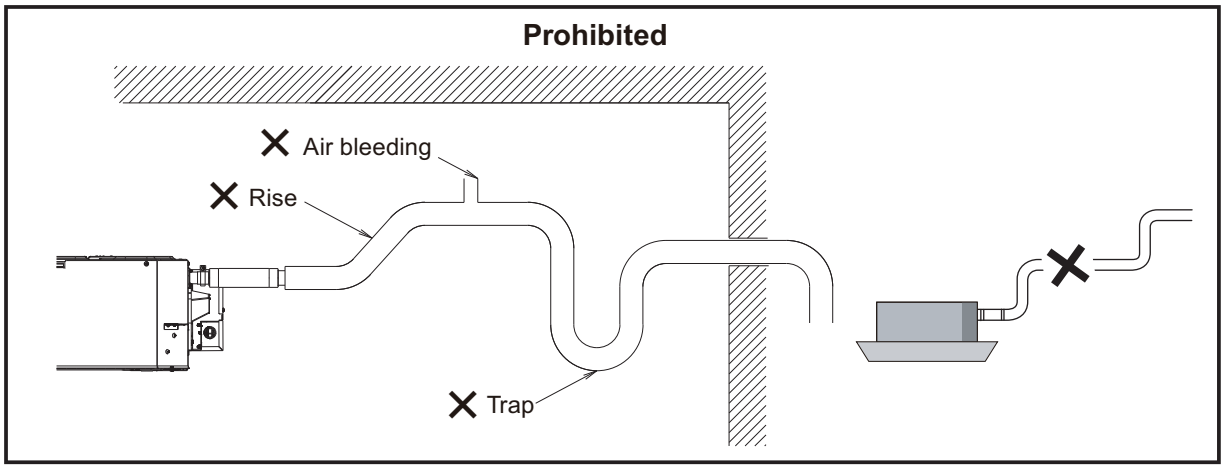
# 5-2. Indoor unit

## ■ General rules of drain piping

- Install the drain pipe with downward slope (1/100 or more) and so there are no rises in the pipe.
- Use general hard polyvinyl chloride pipe (VP25) and connect it with adhesive (polyvinyl chloride) so that there is no leakage.
- Support the drain pipe with supports each 1.5 to 2.0 m.
- Do not install any air vents or traps.
- Always insulate the drain pipe to prevent condensation.
- When connecting the drain hose to the indoor unit, use the accessory band. (Except wall mounted type)

## ■ Compact cassette type

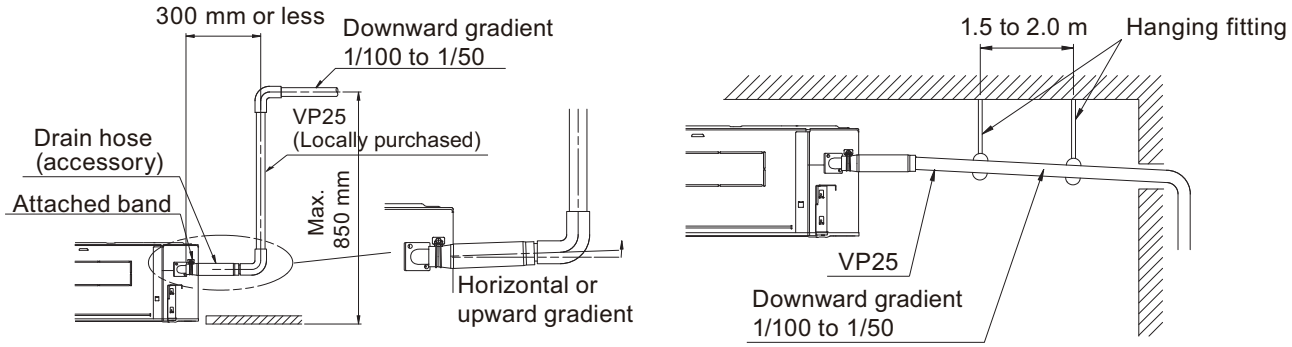


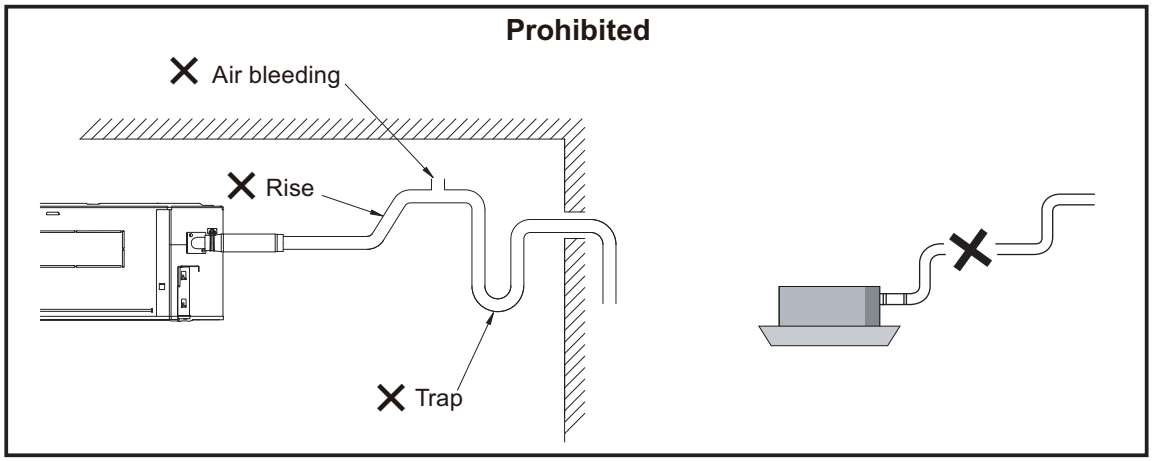




- Drain lift-up pipe restrictions:
  – Lift-up height ≤ 700 mm (from ceiling)
  – Drain hose (pipe) length ≤ 300 mm (between indoor unit and lift-up pipe)
- Water leakage may result from a failure to adhere to the restrictions above.


SYSTEM DESIGN

# ■ Circular flow cassette type and 4-way flow cassette type



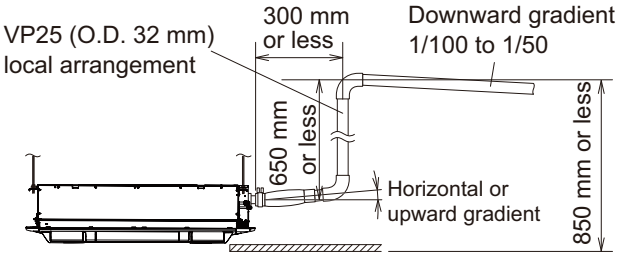



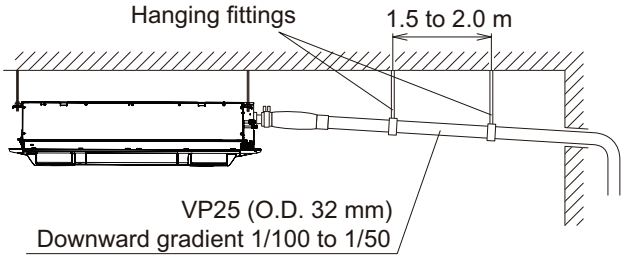

- Drain lift-up pipe restrictions:
  - Lift-up height ≤ 850 mm (from ceiling)
  - Drain hose (pipe) length ≤ 300 mm (between indoor unit and lift-up pipe)
- Water leakage may result from a failure to adhere to the restrictions above.

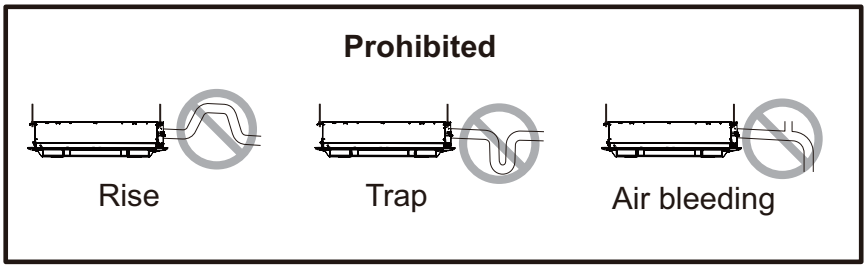
SYSTEM DESIGN

SYSTEM DESIGN

# ■ 3D flow cassette type



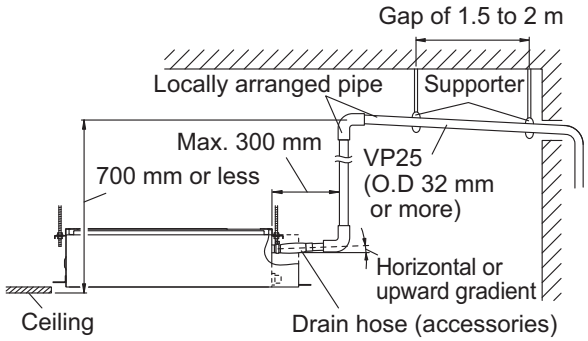



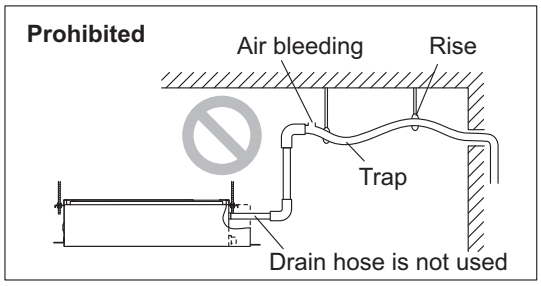



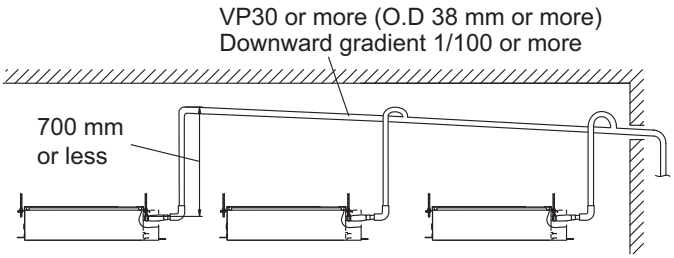

- Drain lift-up pipe restrictions:
  - Lift-up height ≤ 850 mm (from ceiling)
  - Drain hose (pipe) length ≤ 300 mm (between indoor unit and lift-up pipe)
- When a dimensions exceed the above restrictions will cause water leakage.
- Install the drain hose horizontally or with a slight upward gradient so air pocket is not generated in the drain pipe. The air pocket may cause noise occurred due to water backfl ow when the drain pump is stopped.


SYSTEM DESIGN

# ■ One way flow cassette type



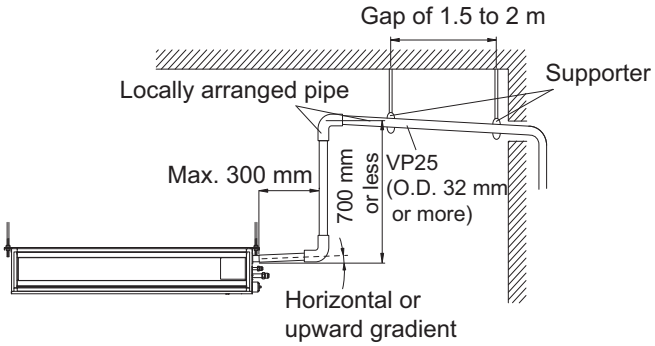



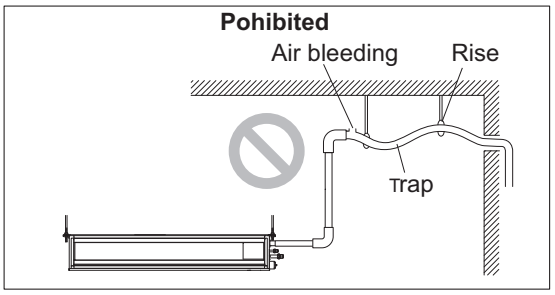



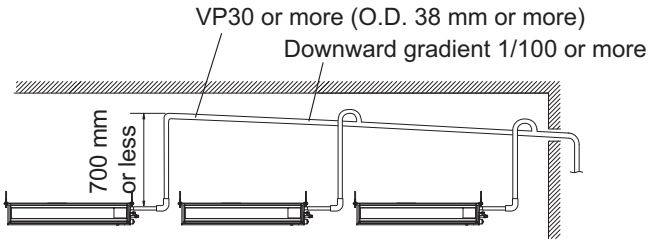

- Use general hard polyvinyl chloride pipe (VP25) (O.D. 32 mm).
- Do not perform a rise, trap, and air bleeding.
- Provide a downward gradient (1/100 or more).
- Provide supporters when long pipes are installed.
- Use an insulation material as needed to prevent the pipes from freezing.
- Install the pipes in a way that allows for the removal of the control box.


SYSTEM DESIGN

# ■ Low static pressure duct (Mini duct) type



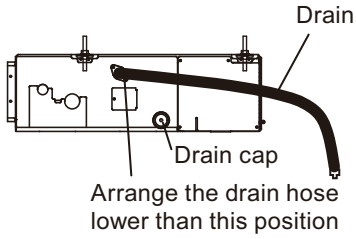



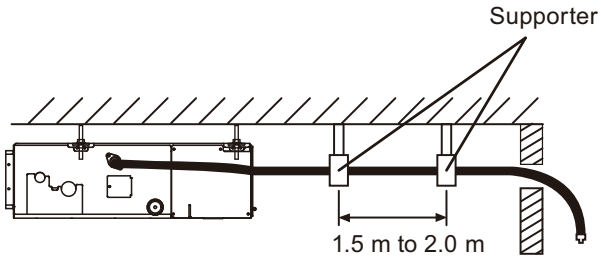

- Use general hard polyvinyl chloride pipe (VP25) (O.D. 32 mm).
- Do not perform a rise, trap, and air bleeding.
- Provide a downward gradient (1/100 or more).
- Provide supporters when long pipes are installed.
- Use an insulation material as needed to prevent the pipes from freezing.
- Install the pipes in a way that allows for the removal of the control box.

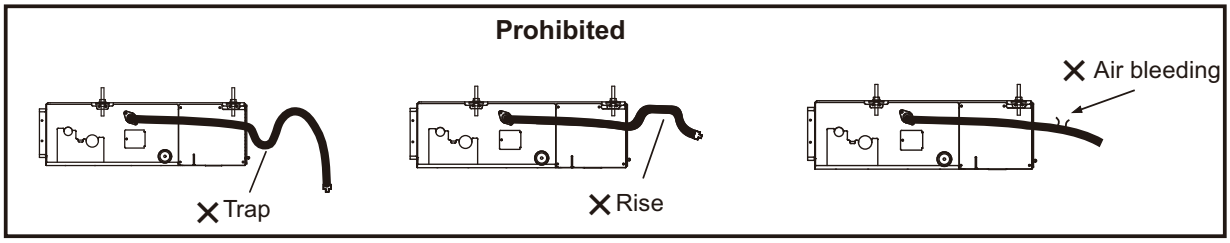

SYSTEM DESIGN

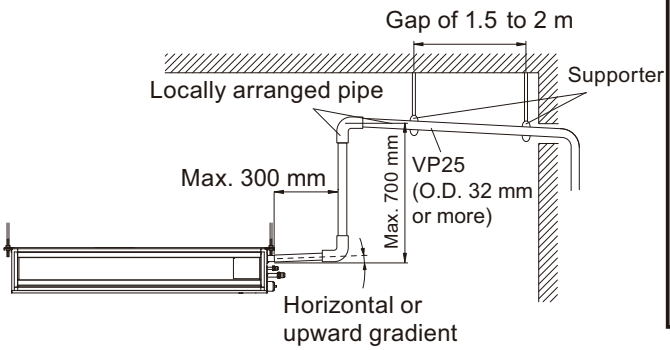
# ■ Low static pressure duct (Slim duct)/Slim concealed floor type

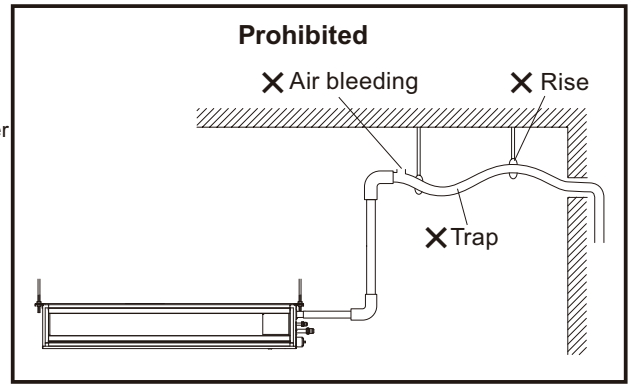
- **Ceiling concealed setting**



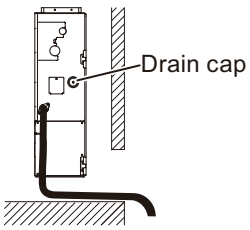



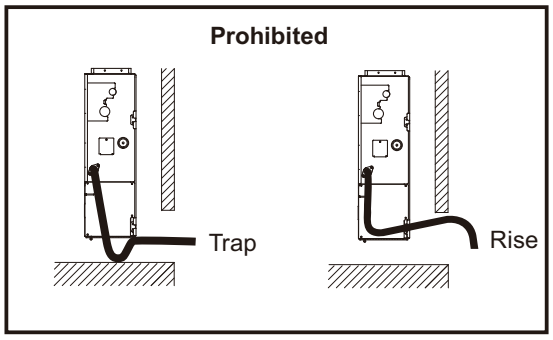




- **Floor standing concealed setting**

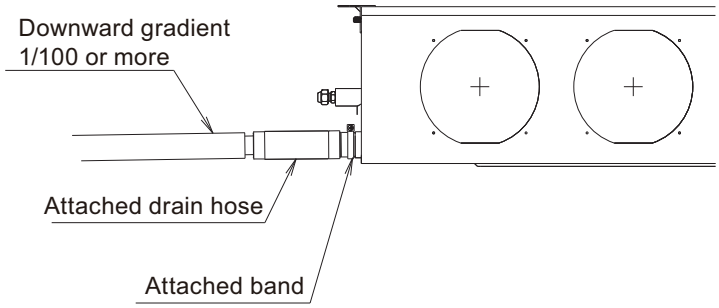


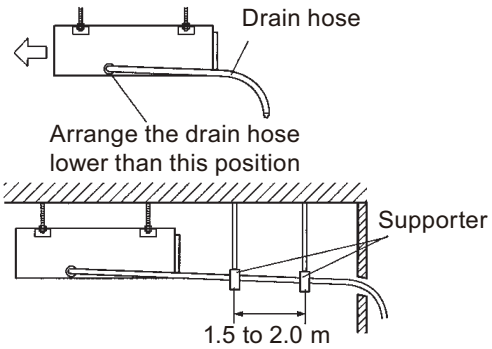



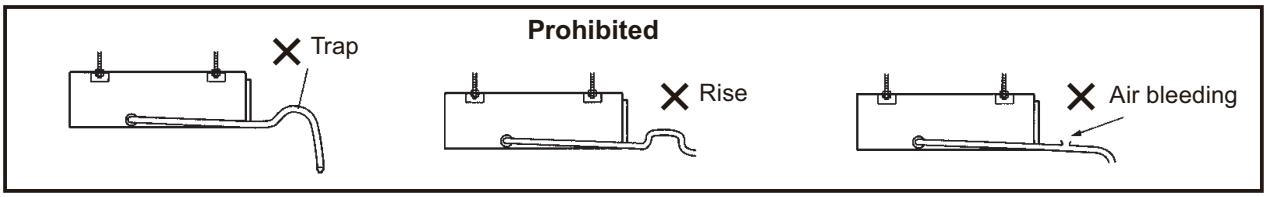

– Install the drain pipe with downward gradient (1/100 or more) and so there are no rises or traps in the pipe.
– Use general hard polyvinyl chloride pipe (VP25) (O.D. 32 mm) and connect it with adhesive (polyvinyl chloride) so that there is no leakage.
– When the pipe is long, install supporters.
– Do not perform air bleeding.
– Always heat insulate the indoor side of the drain pipe.


SYSTEM DESIGN

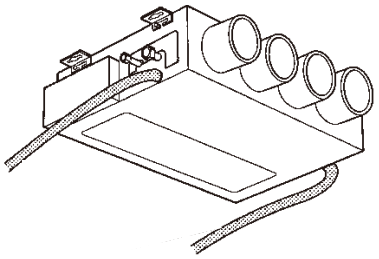
# ■ Low static pressure duct type (High efficiency)

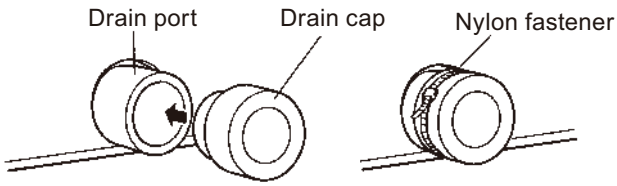



There is a drain port on the left and right sides. Select the drain port to match the local conditions.





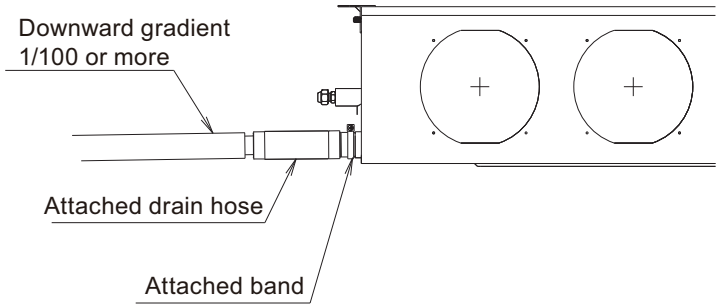

**⚠ CAUTION**

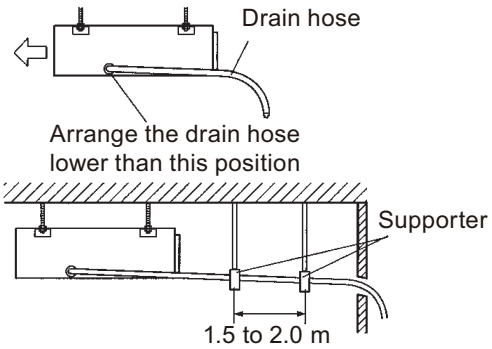
- Always check that the drain cap is installed to the unused drain port and fastened with the nylon fastener.
- If the drain cap is not installed, or is not sufficiently fastened by the nylon fastener, water may drip during the cooling operation.

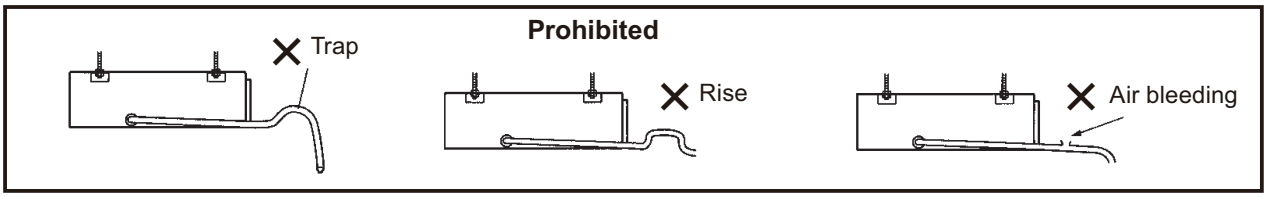
SYSTEM DESIGN

SYSTEM DESIGN

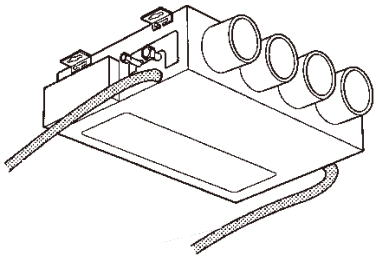
# ■ Medium static pressure duct type

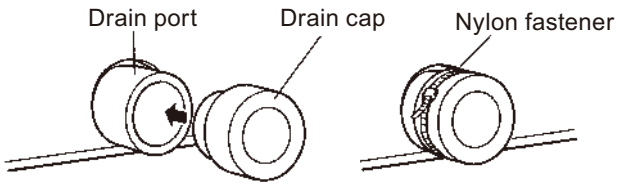



There is a drain port on the left and right sides. Select the drain port to match the local conditions.






**⚠ CAUTION**

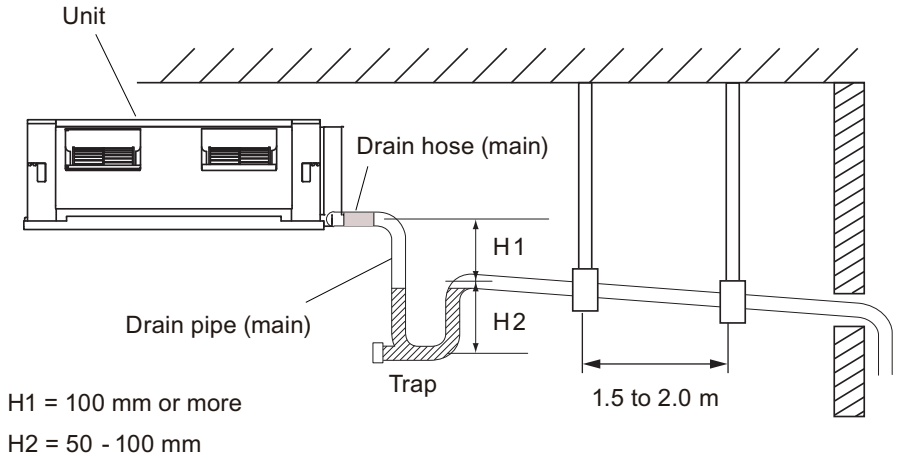
- Always check that the drain cap is installed to the unused drain port and fastened with the nylon fastener.
- If the drain cap is not installed, or is not sufficiently fastened by the nylon fastener, water may drip during the cooling operation.

SYSTEM DESIGN

SYSTEM DESIGN

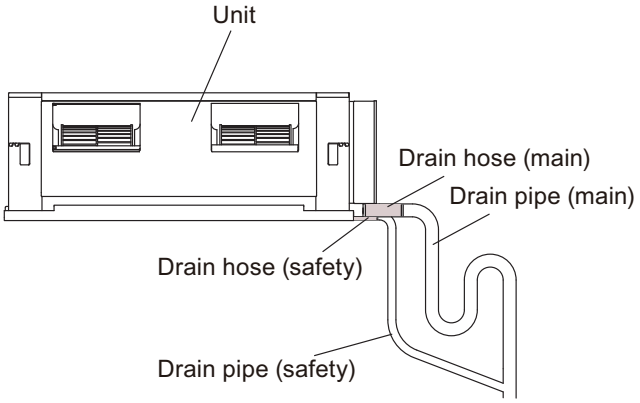
# ■ High static pressure duct type

- **Main drain pipe**




  – Be sure to provide a drain trap for each indoor units.
  – The drain trap will have no effect if placed after multiple indoor units.
  – The position of the installed drain hose should have a downward slope of 1/100 or more.
  – Make sure that the drain hose is installed without rises.
  – Make the trap near to the indoor unit, position the trap in a location where it can be cleaned.

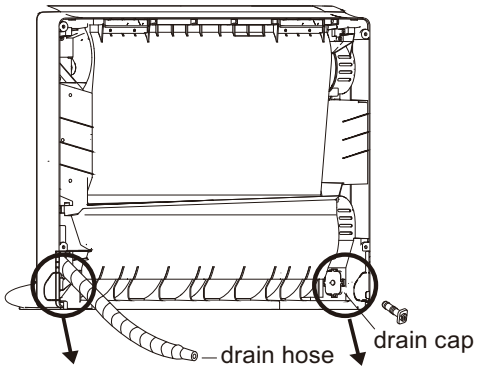
- **Safety drain pipe**
  There is no need to provide a trap for the overflow drain. If the overflow drain is connected to the main drain pipe, make the connection below the trap on the main drain pipe. Once installation is completed, checked the flow of the drain water.



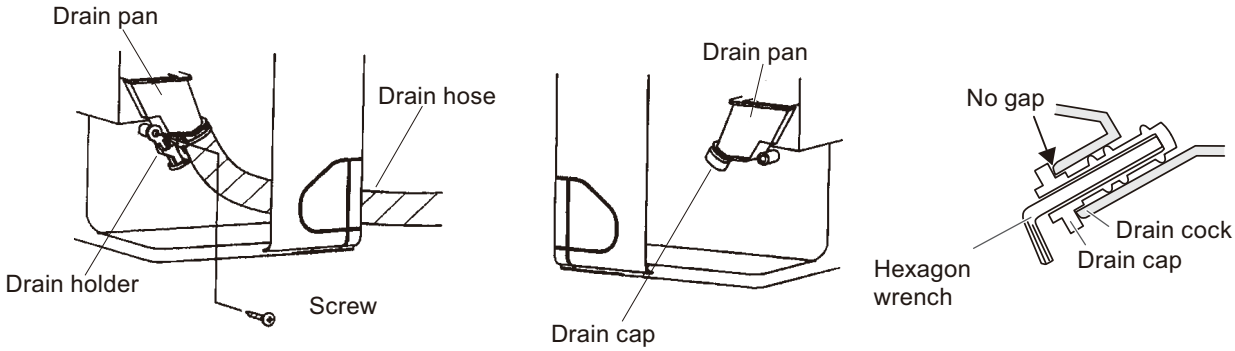


SYSTEM DESIGN

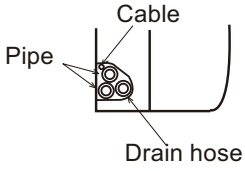
# ■ Compact floor type



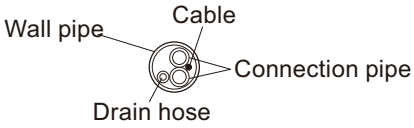

The drain hose can be connected at either side of the indoor unit.

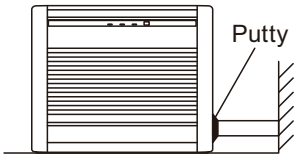


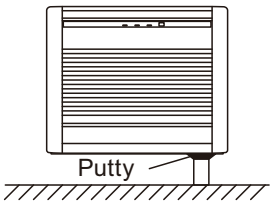

**Left piping**

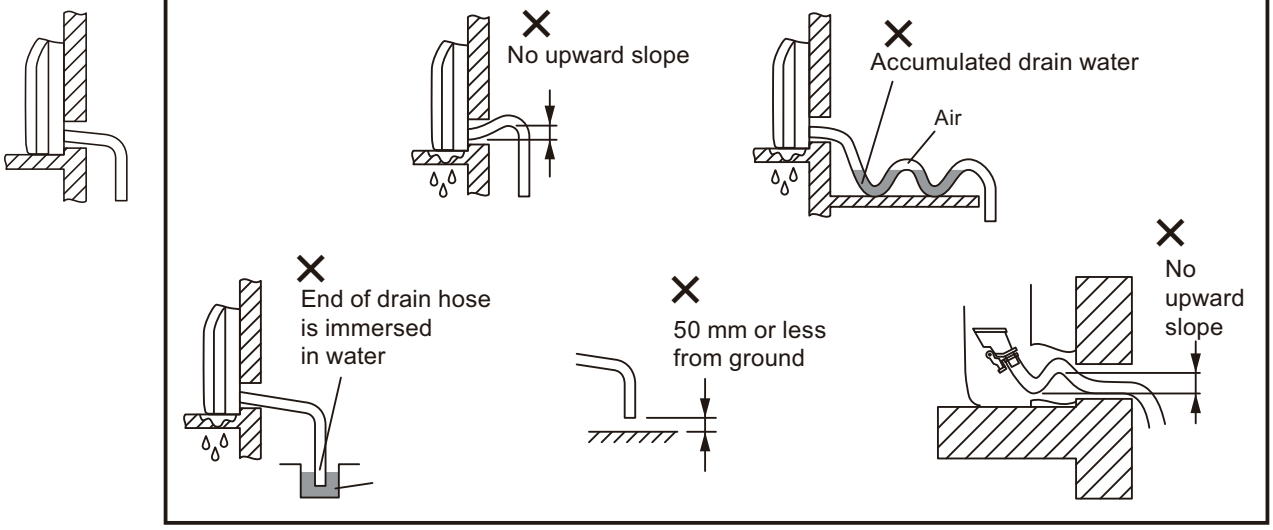



**For connection from the left rear**



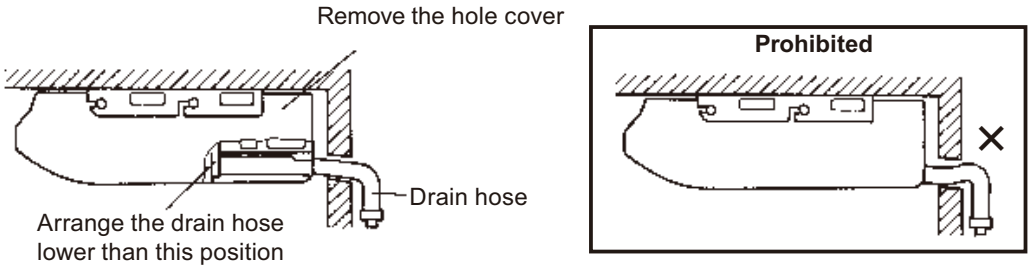





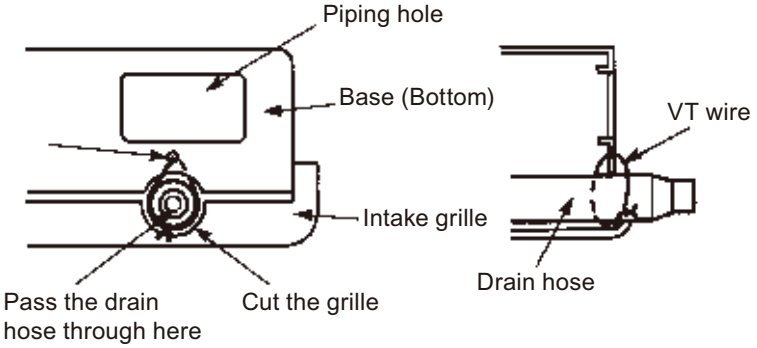

SYSTEM DESIGN

# ■ Floor/Ceiling type

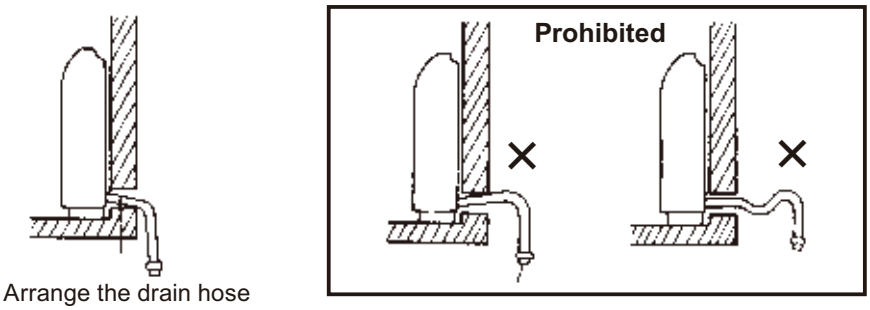
- **Under ceiling setting**

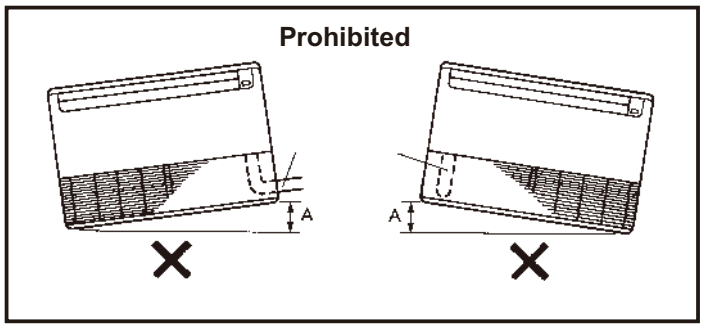



When drain hose is arranged backward, secure the drain hose with the VT wire.




- **Floor console setting**

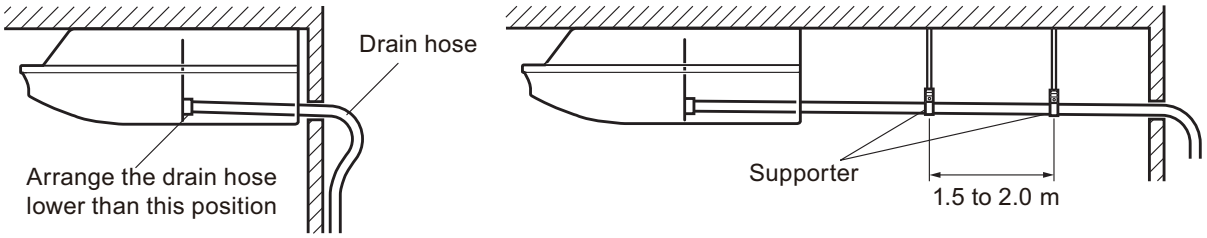


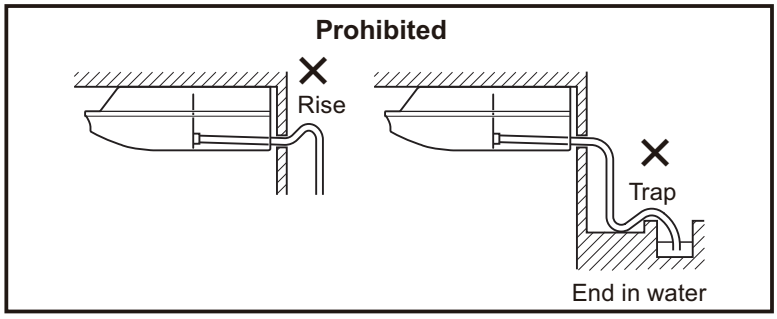




– Do not install the unit so that the drain hose side is too high.
– Height A should be less than 5 mm.

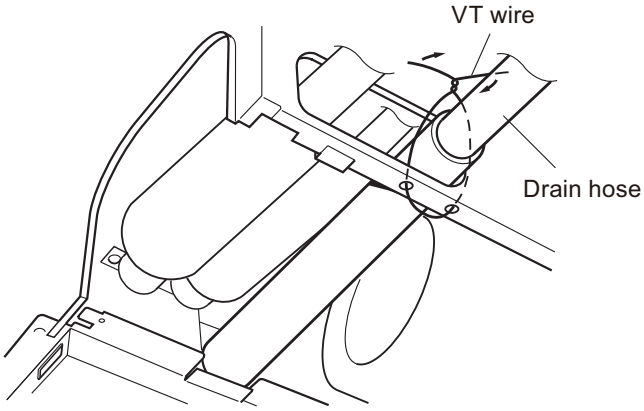

SYSTEM DESIGN

## ■ Ceiling type




Fasten the drain pipe with VT wire so that the pipe slopes correctly within the indoor unit.



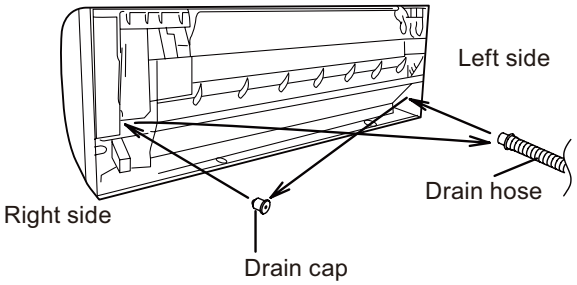

Indoor unit (rear view)

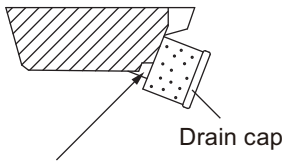


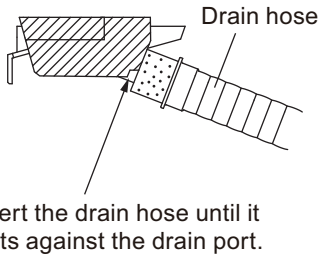
SYSTEM DESIGN

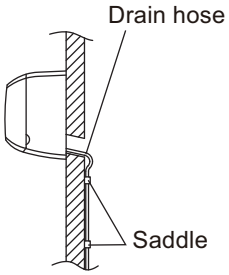
# ■ Wall mounted type

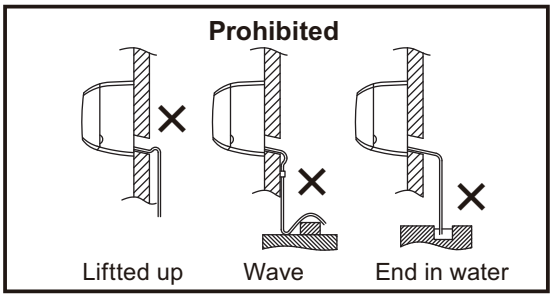
## • Models: AS∗A18GBCH and AS∗A24GBCH



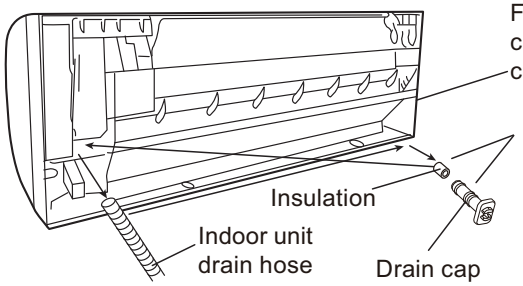



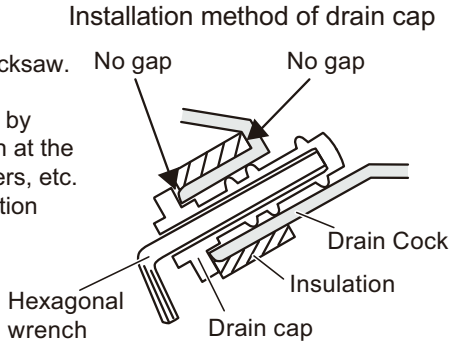



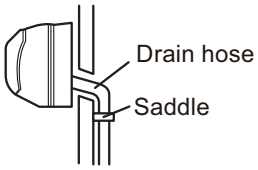



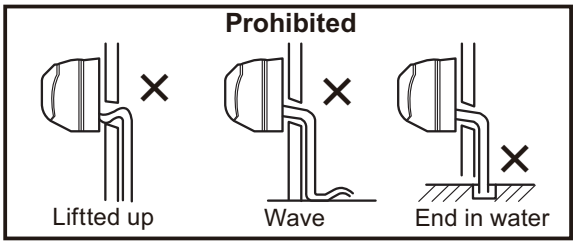




## • Other than AS∗A18GBCH and AS∗A24GBCH



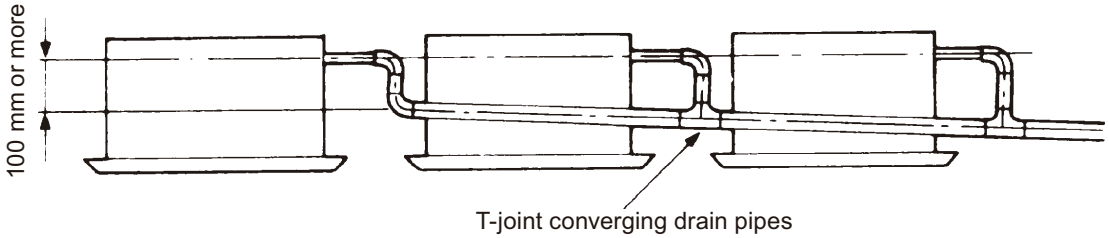


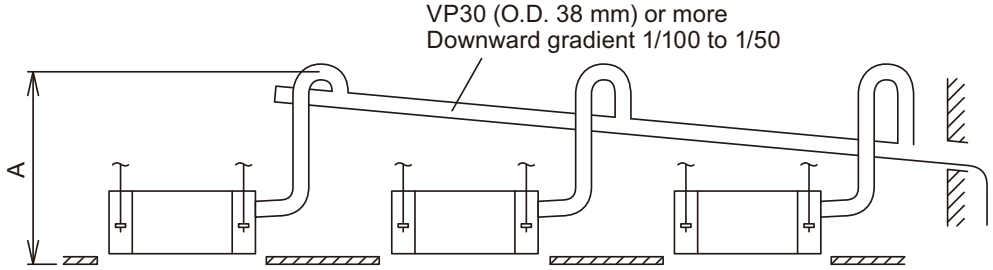

SYSTEM DESIGN

# ■ Central drain process

When conveying multiple drain pipes, install according to the procedure shown below.

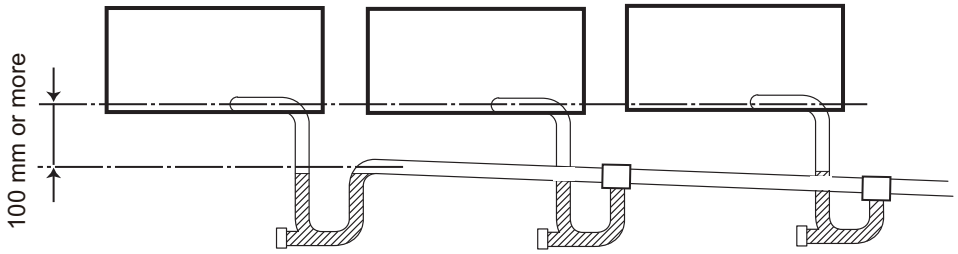
- **For Compact cassette type, Circular flow cassette type, 3D flow cassette, and 4-way flow cassette type**



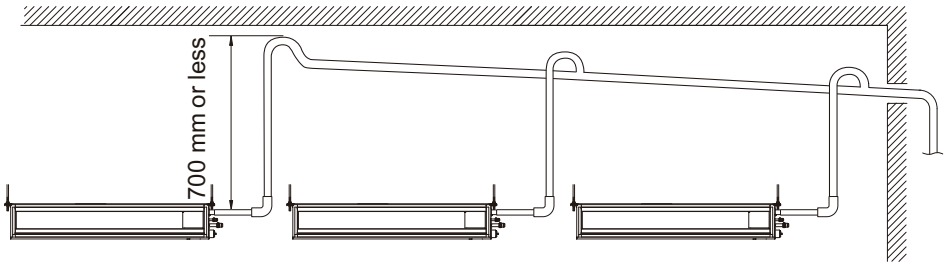




| | | |
|---|---|---|
| A | Compact cassette type | 700 mm or less |
| | Circular flow cassette type<br>3D flow cassette<br>4-way flow cassette type | 850 mm or less |

- **For High static pressure duct type**




- **For Mini duct type and Slim duct type**

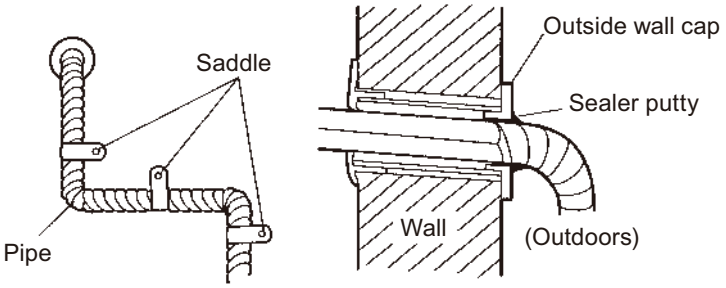



Select converging drain pipes whose diameter is suitable for the operating capacity of the unit.

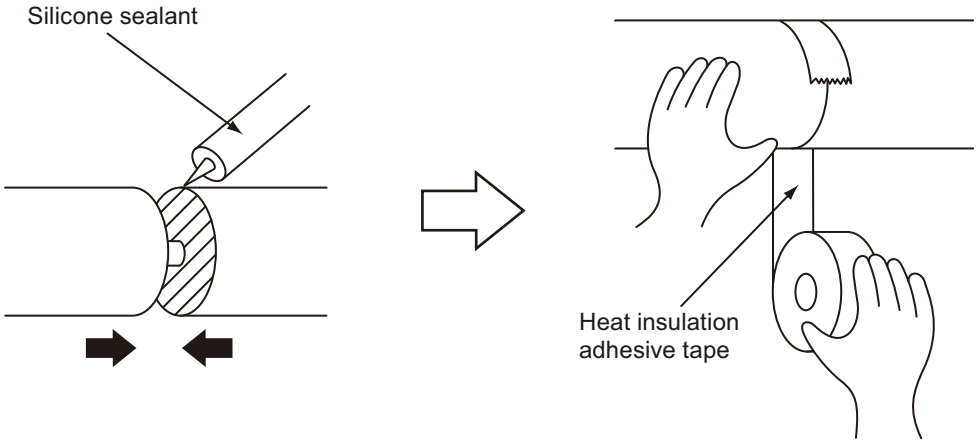

SYSTEM DESIGN

# ■ Drain insulation

- Confirm water flows into drain pan of the indoor unit and drains from the pan once the drain hose is connected.
- Check drain pipes for leaks.
- Insulate the drain to prevent condensation.
- Secure the drain pipe to the wall with a saddle.




- Seal the hole around drain pipe with caulk.




- Be sure to coat the entire and surface. Is there is a gap it could cause condensation.


SYSTEM DESIGN

Refrigerant R410A
INVERTER

AIRSTAGE

# 7. FUNCTION SETTINGS

2024.11.25
DV_CH07_CM0001EF_08

# CONTENTS

# 7. FUNCTION SETTINGS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# 1. System settings

Set each switch to the corresponding system type as described in the accompanying explanation, and do not use a nonexistent switch combination.

**⚠ CAUTION**

- Perform the system type setting and address setting, before turning on the power.
- For proper operation of the air conditioner, perform the setting as described in the instruction.

**RELATED LINKS**

"System type setting" on page 07-2
"Address setting" on page 07-4
"Manual address setting method" on page 07-11
"Address setting by remote controller" on page 07-24
"Automatic address setting" on page 07-80
"Terminal resistor setting" on page 07-91


FUNCTION SETTINGS

# 1-1. System type setting

Other than the units mentioned below, refer to "Function settings" on page 07-92 and the installation manual.

## ■ Outdoor unit setting

(◆: Factory setting)

| | |
|---|---|
| <Step 1><br>Outdoor unit address setting | **Setting for primary unit and subordinate unit:**<br>Set the DIP switch SET3-1 and 3-2.<br>• Primary: SET3-1 OFF, SET3-2 OFF ◆<br>• Subordinate 1: SET3-1 OFF, SET3-2 ON<br>• Subordinate 2: SET3-1 ON, SET3-2 OFF |
| ↓ | |
| <Step 2><br>Subordinate units number setting | **Setting for primary unit only:**<br>Set the DIP switch SET3-3 and 3-4.<br>1. SET3-3 OFF, SET3-4 OFF: Primary × 1 ◆<br>2. SET3-3 OFF, SET3-4 ON: Primary × 1, Subordinate × 1<br>3. SET3-3 ON, SET3-4 OFF: Primary × 1, Subordinate × 2 |
| ↓ | |
| <Step 3><br>Number setting of installing outdoor units | **Setting for primary unit and subordinate unit:**<br>Set the DIP switch SET5-1 and 5-2.<br>1. SET5-1 OFF, SET5-2 OFF: Number of 1 ◆<br>2. SET5-1 OFF, SET5-2 ON: Number of 2<br>3. SET5-1 ON, SET5-2 OFF: Number of 3 |
| ↓ | |
| <Step 4><br>Refrigerant circuit address setting | **Setting for primary unit and subordinate unit:**<br>Set the rotary switch REF AD x10 and x1. |
| ↓ | |
| <Step 5><br>Terminal resistor setting | **Setting for primary unit and subordinate unit:**<br>Set the DIP switch SET5-4. |
| ↓ | |
| <Step 6><br>Function setting | |

**RELATED LINKS**

"Address setting" on page 07-4

"Terminal resistor setting" on page 07-91



FUNCTION SETTINGS

## ■ Indoor unit setting

For the actual switch positions, refer to "Function settings" on page 07-92.

| | |
|---|---|
| <Step 1><br>Refrigerant circuit address setting | Set the rotary switch REF AD x10 and x1. |
| ↓ | |
| <Step 2><br>Indoor unit address setting | Set the rotary switch IU AD x10 and x1. |
| ↓ | |
| <Step 3><br>Remote controller address setting | Set the rotary switch RC AD. |
| ↓ | |
| <Step 4><br>Function setting | |

**RELATED LINKS**

"Address setting" on page 07-4

## ■ RB Unit setting

For the actual switch positions, refer to "Function settings" on page 07-92.

| | |
|---|---|
| <Step 1><br>Refrigerant circuit address setting | Set the rotary switch REF AD x10 and x1. |
| ↓ | |
| <Step 2><br>RB Unit address setting | Set the rotary switch RB AD x10 and x1. |

**RELATED LINKS**

"Address setting" on page 07-4

## ■ Remote controller setting

(Only for Wired Remote Controller and Simple Remote Controller.)

| | |
|---|---|
| Dual remote controller setting | Set the SW2 of DIP switch 1. |

**RELATED LINKS**

"Function settings" on page 07-92

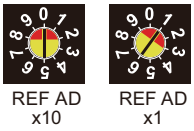


FUNCTION SETTINGS

# 1-2. Address setting

Address for each unit should be preset before starting system operation. Refer to "System design" in Chapter 6. SYSTEM DESIGN on page 06-1 to confirm the details of each unit, and perform the setting.

## ■ Outdoor unit addresses and setting ranges

| Setting | | Setting range | Type of switch | Remarks |
|---|---|---|---|---|
| A | Refrigerant system address | 00—99 | Setting example 01<br>  <br> | Arbitrary numbers can be set in range of 00—99. |
| B | Outdoor unit address | 0—2 | <br><br>SET3 | DIP switch SET3-1<br>DIP switch SET3-2 |
| C | Number of Subordinate unit | 0—2 | | DIP switch SET3-3<br>DIP switch SET3-4<br>(Primary unit only) |
| L | Number of outdoor units installed | 1—3 | <br><br>SET5 | DIP switch SET5-1<br>DIP switch SET5-2 |
| | Terminal resistor | ON/OFF | | DIP switch SET5-4<br>Refer to "Terminal resistor setting" on page 07-91. |



FUNCTION SETTINGS

# ■ Indoor unit addresses and setting ranges

| Setting | | Setting range | Type of switch | Remarks |
|---|---|---|---|---|
| D | Refrigerant system address | 00—99 | **Manual address setting:**<br>Setting example 01<br> <br>REF AD x10 REF AD x1 | Arbitrary numbers can be set in range of 00—99. |
| | | | **Wireless R. C.:**<br>This switch is set to 00 at factory setting. | "Address setting by wireless remote controller (UTY-LNV∗)" on page 07-24<br>"Address setting by wireless remote controller (UTY-LNH∗)" on page 07-36 |
| | | | **Wired R. C. (3-wire type):**<br>This switch is set to 00 at factory setting. | "Address setting by wired remote controller (UTY-RNK∗)" on page 07-47 |
| | | | **Simple R. C.:**<br>This switch is set to 00 at factory setting. | "Address setting by simple remote controller (UTY-RSR∗, UTY-RHR∗)" on page 07-52 |
| | | | **Wired R. C. (2-wire type):**<br>This switch is set to 00 at factory setting. | "Address setting by Wired Remote Controller (Touch Panel) (UTY-RVR∗)" on page 07-65<br>"Address setting by Wired Remote Controller (Touch Panel) (UTY-RNR∗Z∗)" on page 07-70 |
| | | | **Automatic address setting:**<br>This switch is set to 00 at factory setting. | "Automatic address setting of indoor unit" on page 07-85 |
| E | Indoor unit address | 00—63 | **Manual address setting:**<br>Setting example 12<br> <br>IU AD x10 IU AD x1 | Arbitrary numbers can be set in range of 00—63. |
| | | | **Wireless R. C.:**<br>This switch is set to 00 at factory setting. | "Address setting by wireless remote controller (UTY-LNV∗)" on page 07-24<br>"Address setting by wireless remote controller (UTY-LNH∗)" on page 07-36 |
| | | | **Wired R. C. (3-wire type):**<br>This switch is set to 00 at factory setting. | "Address setting by wired remote controller (UTY-RNK∗)" on page 07-47 |
| | | | **Simple R. C.:**<br>This switch is set to 00 at factory setting. | "Address setting by simple remote controller (UTY-RSR∗, UTY-RHR∗)" on page 07-52 |
| | | | **Wired R. C. (2-wire type):**<br>This switch is set to 00 at factory setting. | "Address setting by Wired Remote Controller (Touch Panel) (UTY-RVR∗)" on page 07-65<br>"Address setting by Wired Remote Controller (Touch Panel) (UTY-RNR∗Z∗)" on page 07-70 |
| | | | **Automatic address setting:**<br>This switch is set to 00 at factory setting. | "Automatic address setting of indoor unit" on page 07-85 |

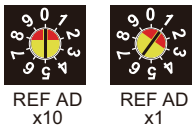
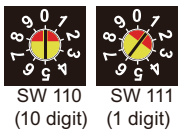

FUNCTION SETTINGS

| Setting | | Setting range | Type of switch | Remarks |
|---|---|---|---|---|
| F | Remote controller address | 00—15 | **Manual address setting:**<br>Setting example<br>10<br> <br><br>RC AD | 3-wire type R. C. can be set in range of 0—15. |
| | | | **Automatic address setting:**<br>This switch is set to 00 at factory setting. | 2-wire type only |



FUNCTION SETTINGS

# ■ Addresses and setting ranges for controllers, convertors or other devices

| Unit | Setting | | Setting range | Type of switch | Setting references |
|---|---|---|---|---|---|
| RB Unit | O | Refrigerant system address | 00—99 | **Manual address setting:**<br>Setting example 01<br>  <br> | Arbitrary numbers can be set in range of 00—99. |
| | | | | **Automatic address setting:**<br>This switch is set to 00 at factory setting. | Refer to "Automatic address setting of indoor unit" on page 07-85. |
| | P | RB unit address | 00—63 | **Manual address setting:**<br>Setting example 12<br> <br> | Arbitrary numbers can be set in range of 00—63. |
| | | | | **Automatic address setting:**<br>This switch is set to 00 at factory setting. | "Automatic address setting of indoor unit" on page 07-85. |
| Touch Panel Controller | G | Controller address | 00—15 *1 | | "Touch panel controller" on page 07-160 |
| Network Converter | H | Convertor address | 00—15 *1 | | "Network convertor (UTY-VTGX, UTY-VTGXV)" on page 07-175 |
| | | Refrigerant system address | 00—99 | Setting example 01<br>  <br> | |
| Wired, simple remote controller (3-wire type) | J | Dual remote control | ON/OFF | Switch 2 of DIP switch 1 | "Wired remote controller (UTY-RNK∗)" on page 07-156<br>"Simple remote controller (UTY-RSK∗, UTY-RHK∗)" on page 07-158 |
| Signal Amplifier | K | Signal amplifier address | 1—8 | **Manual address setting** | "Signal amplifier" on page 07-177 |
| | | | | **Automatic address setting:**<br>This switch is set to 1 at factory setting. | "Automatic address setting of Signal Amplifier" on page 07-83 |
| Modbus Converter | Q | Controller/ convertor address | 00—15 *1 | | "Modbus Converter for VRF" on page 07-182 |
| Network Converter for LonWorks | M | | | | "Network Converter for LonWorks" on page 07-187 |
| Central Remote Controller | N | | | | "Central remote controller (UTY-DCG∗Z3)" on page 07-161 |

FUNCTION SETTINGS

FUNCTION SETTINGS

| Unit | Setting | | Setting range | Type of switch | Setting references |
|---|---|---|---|---|---|
| Wired Remote Controller (2-wire type*3) | F | Remote controller address | 1—32 *2 | **Manual address setting** | "Wired Remote Controller (Touch Panel) (UTY-RVR∗)" on page 07-163<br>"Wired Remote Controller (Touch Panel) (UTY-RNR∗Z∗)" on page 07-167<br>"Wired remote controller (UTY-RLR∗)" on page 07-171 |
| | | | 0—15 | **Automatic address setting** | |
| | J | Dual remote control | ON/OFF | | |

*1: The sum total of the Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks is a maximum of 16.

**NOTE:** For Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks connected in same VRF network system, set an exclusive address on each device.

*2: The address can be set in the range of 1 to 32. However, do not set the same number as that for the remote controller address of an indoor unit connected using the same remote-control cable.

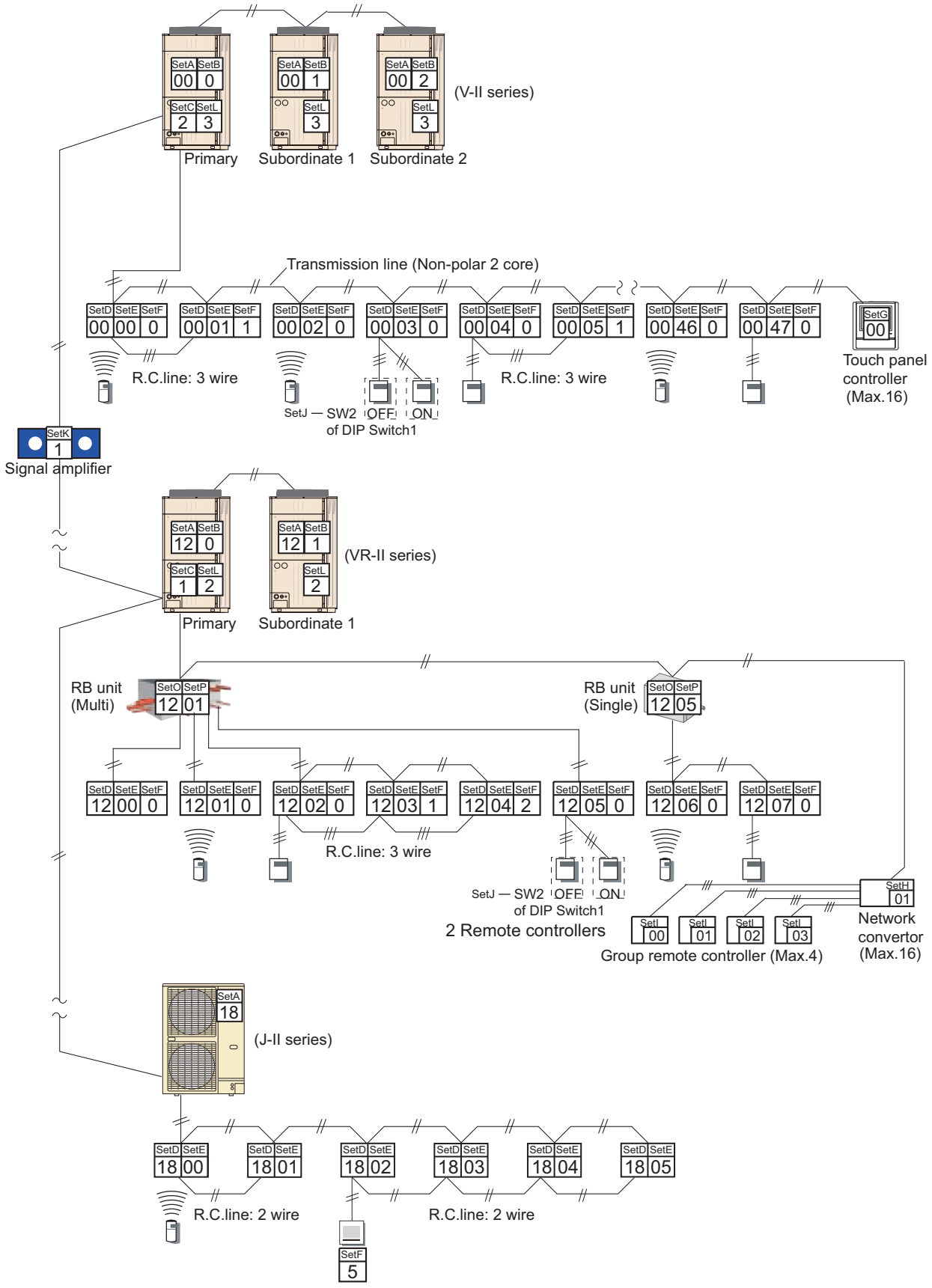
Set the remote controller address of 2-wire type remote controller in manual address setting only. It is not necessary to set in automatic address setting.

*3: Except Wired Remote Controller (UTY-RCR∗Z1).



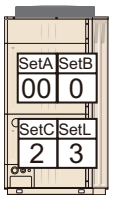
FUNCTION SETTINGS

# ■ Setting example






FUNCTION SETTINGS

| Setting subject | | Set | Application | Remarks |
|---|---|---|---|---|
| Outdoor unit |  | Set A | Refrigerant system address | Rotary switch REF AD x10, x1 |
| | | Set B | Outdoor unit address | DIP switch SET3-1, 3-2 |
| | | Set C | Number of subordinate unit | DIP switch SET3-3, 3-4 (Primary unit only) |
| | | Set L | Number of outdoor units installed | DIP switch SET5-1, 5-2 |
| Indoor unit | SetD SetE SetF<br>63 06 0 | Set D | Refrigerant system address | REF AD x10 |
| | | | | REF AD x1 |
| | | Set E | Indoor unit address | IU AD x10 |
| | | | | IU AD x1 |
| | | Set F | Remote controller address | RC AD |
| RB unit | SetO SetP<br>63 06 | Set O | Refrigerant system address | REF AD x10 |
| | | | | REF AD x1 |
| | | Set P | RB unit address | RB AD x10 |
| | | | | RB AD x1 |
| Wired remote controller (2-wire) | | Set F | Remote controller address | Self: 0 (Fixed) |
| Touch Panel Controller | | Set G | Controller address | Max. 16 |
| Network Converter | | Set H | Convertor address | For group remote controller: Max. 16 |
| | | | Refrigerant system address | For single split AC: Max. 100 |
| Wired, simple remote controller (3-wire) | | Set J | Dual remote control | Switch 2 of DIP switch 1 |
| Signal amplifier | | Set K | Signal amplifier address | |
| Network convertor for LonWorks | | Set M | Convertor address | |
| Central remote controller | | Set N | Controller address | Max. 16 |

**Instructions for setting the address:**

- The refrigerant system address of the indoor units, outdoor units, and RB unit can be set to arbitrary numbers in the range of 0 to 99.
- The indoor unit address and RB unit address can be set to arbitrary numbers in the range of 0 to 63.
- In case of 3-wire type of remote controller, set the remote controller address in the order of 0, 1, 2.....15. (Blank is not allowed.)
- In the automatic address setting of 2-wire type remote controller, the remote controller address is set to “0” automatically.
- In the manual address setting of 2-wire type remote controller, the remote controller address can be set to arbitrary numbers in the range of 1 to 15. (Setting to “0” is prohibited.)
- Touch panel controller address can be set to arbitrary numbers in the range of 0 to 15.
- The sum total of the Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks is a maximum of 16.
- For Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks connected in same VRF network system, set an exclusive address on each device.



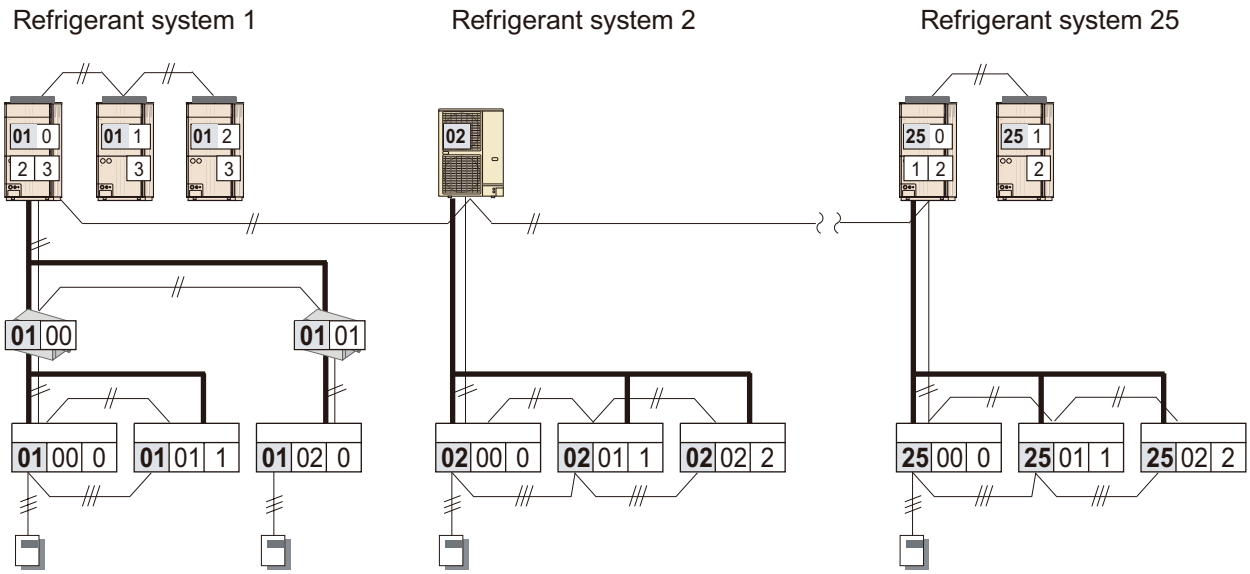
FUNCTION SETTINGS

# 1-3. Manual address setting method

## ■ Refrigerant system address (Set A, Set D, and Set O)

When there are 2 or more refrigerant systems in one VRF network system, an exclusive refrigerant circuit address should be set for each refrigerant system.

Refrigerant system: One refrigerant circuit which has connected between outdoor unit and indoor unit by piping.




- **Setting example**

| Refrigerant system address | Outdoor unit (Set A) | | Indoor unit (Set D) | | RB unit (Set O) | |
|---|---|---|---|---|---|---|
| | Rotary switch setting | | Rotary switch setting | | Rotary switch setting | |
| | REF AD x10 | REF AD x1 | REF AD x10 | REF AD x1 | REF AD x10 | REF AD x1 |
| 01 | 0 | 1 | 0 | 1 | 0 | 1 |
| 11 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | 2 | 5 | 2 | 5 | 2 | 5 |
| 50 | 5 | 0 | 5 | 0 | 5 | 0 |

– Setting range: 00—99 (Arbitrary numbers can be set.)

– Same address should be set in all the indoor unit, all the RB unit, and outdoor unit in the same refrigerant circuit.



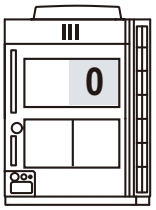
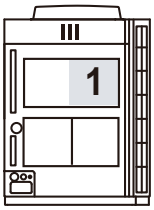
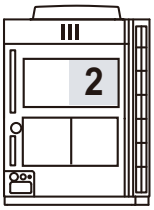
FUNCTION SETTINGS

# ■ Outdoor unit address (Set B)

Set the outdoor unit address for each outdoor unit.

In 1 outdoor unit system, no field setting is required since the outdoor unit is preset to "0" at factory setting.

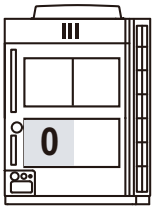
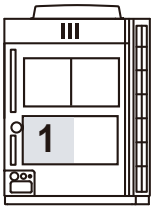
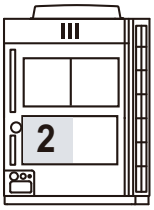
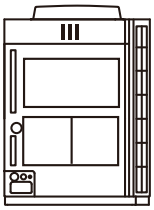
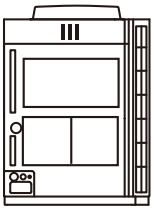
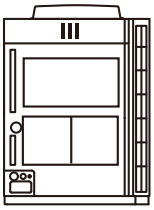
When 2 or 3 outdoor units are connected in the same refrigerant circuit, set the subordinate unit which has been installed farther from the primary unit to subordinate 2 with setting “2”.

| | |  |  |  |
|---|---|---|---|---|
| | | Primary | Subordinate 1 | Subordinate 2 |
| Outdoor unit address | | 0 | 1 | 2 |
| DIP switch | SET3-1 | OFF | OFF | ON |
| | SET3-2 | OFF | ON | OFF |
| Factory setting | | ♦ | | |

# ● Number of subordinate unit (Set C)

Set the number of subordinate unit on the primary unit PCB.

**NOTE:** This setting should be performed only on the primary unit PCB.

| **Number of subordinate unit** | | **0** | **1** | **2** |
|---|---|---|---|---|
| Primary | |  |  |  |
| Subordinate 1 | | — |  |  |
| Subordinate 2 | | — | — |  |
| DIP switch | SET3-3 | OFF | OFF | ON |
| | SET3-4 | OFF | ON | OFF |
| Factory setting | | ♦ | | |

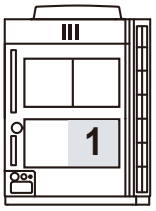
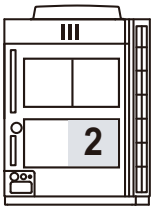
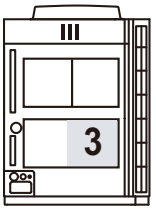
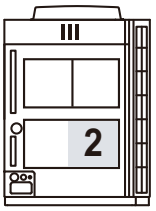
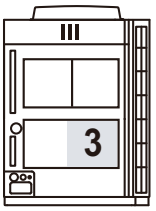
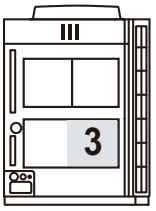


FUNCTION SETTINGS

## ● Number of outdoor units installed (Set L)

The number of outdoor units installed in one refrigerant system must be set.

**NOTE:** This setting is required for all outdoor units.

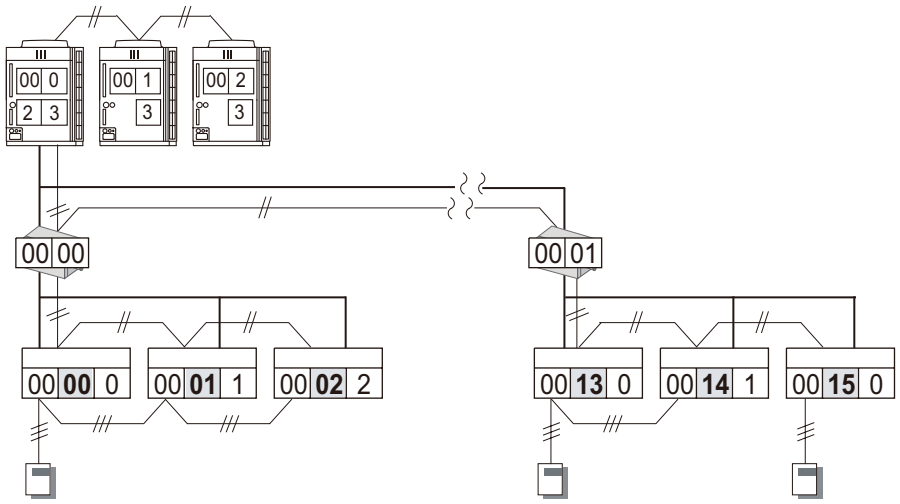
| Number of outdoor unit | | 1 | 2 | 3 |
|---|---|---|---|---|
| Primary | |   |   |   |
| Subordinate 1 | | — |   |   |
| Subordinate 2 | | — | — |   |
| DIP switch | SET5-1 | OFF | OFF | ON |
| | SET5-2 | OFF | ON | OFF |
| Factory setting | | ♦ | | |

FUNCTION SETTINGS

FUNCTION SETTINGS

# ■ Indoor unit address (Set E)

An exclusive indoor unit address should be set for each indoor unit in the same refrigerant system.




| Indoor unit address | Rotary switch setting | |
|---|---|---|
| | IU AD x10 | IU AD x1 |
| 03 | 0 | 3 |
| 11 | 1 | 1 |
| 30 | 3 | 0 |
| 47 | 4 | 7 |

- Setting range: 00—63 (Arbitrary numbers can be set.)
- Do not set indoor unit address to the range of 64—99.
- Do not set the same address number to 2 or more indoor units.

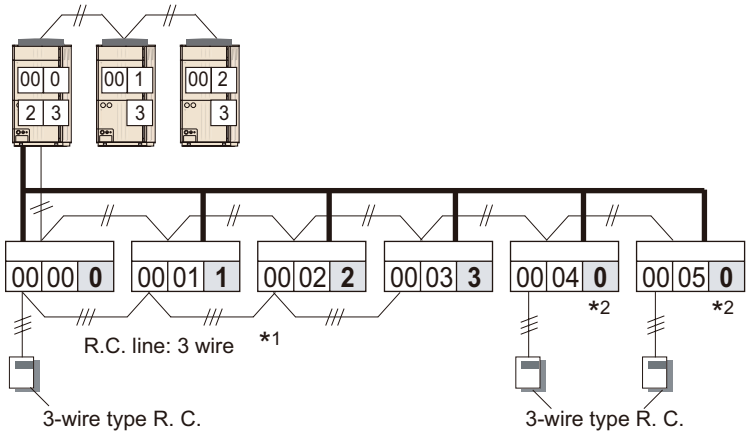

FUNCTION SETTINGS

# ■ Remote controller address (Set F)

Maximum of 16 indoor units can be controlled by 1 individual remote controller with connecting remote controller cable.

Those units connected with remote controller cable are regarded as a remote controller group. Even there is only 1 indoor unit with one or no wired controller is connected, it is regarded as one remote controller group.

- **3-wire type (Only for manual address setting):**




| Remote controller address | Rotary switch RC AD | Switch position |
|---|---|---|
| 0 | 0 | |
| 1 | 1 | |
| 2 | 2 | • |
| 3 | 3 | • |
| 4 | 4 | • |
| 5 | 5 | • |
| 6 | 6 | • |
| 7 | 7 | • |
| 8 | 8 | • |
| 9 | 9 | • |
| 10 | A | • |
| 11 | B | |
| 12 | C | • |
| 13 | D | • |
| 14 | E | • |
| 15 | F | |

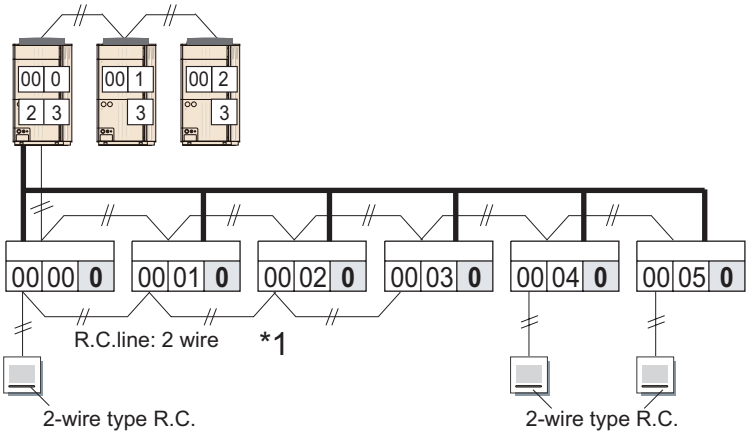
*1: Set the remote controller address in order of 0, 1, 2, ..., 15. (Blank is now allowed.)

*2: When remote controller group is not constructed (1:1 connection of indoor unit and remote controller), be sure that the remote controller address is set to the initial setting “0” (factory setting).



FUNCTION SETTINGS

- **2-wire type:**
  In initial starting up of this unit, addresses will be automatically set. Do not change the remote controller address for the indoor unit. (Keep it at the initial setting “0”.)

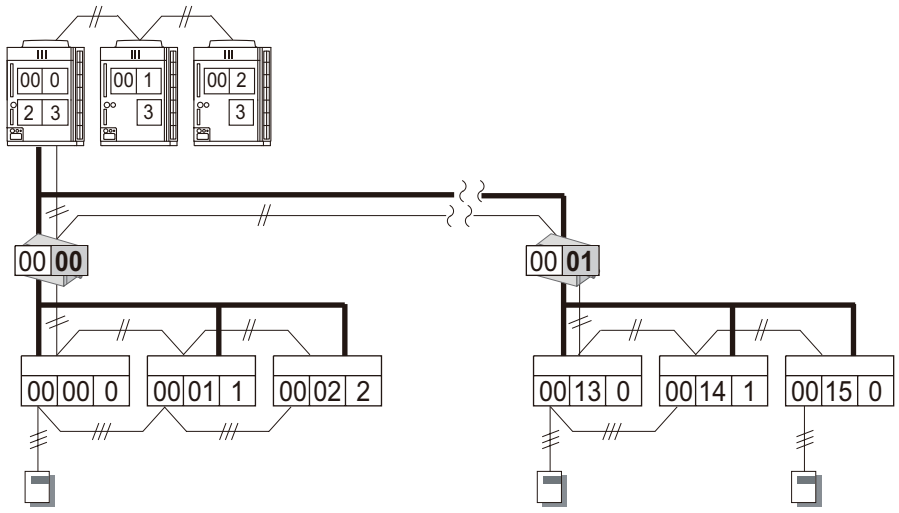



*1: Set the remote controller address “0” only.
Address is automatically assigned from Remote controller.


FUNCTION SETTINGS

# ■ RB Unit address (Set P)

Each RB Unit in same refrigerant system should be set an exclusive RB Unit address.

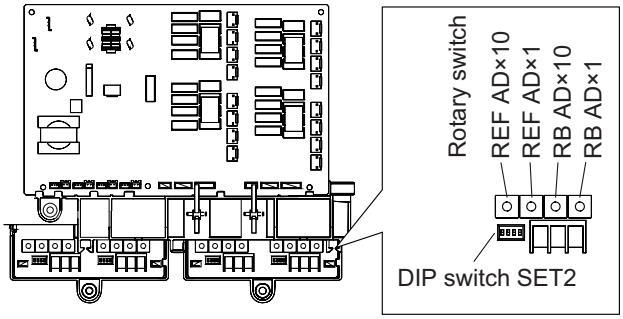



| RB Unit address | Rotary switch setting | |
|---|---|---|
| | RB AD x10 | RB AD x1 |
| 03 | 0 | 3 |
| 11 | 1 | 1 |
| 30 | 3 | 0 |
| 47 | 4 | 7 |

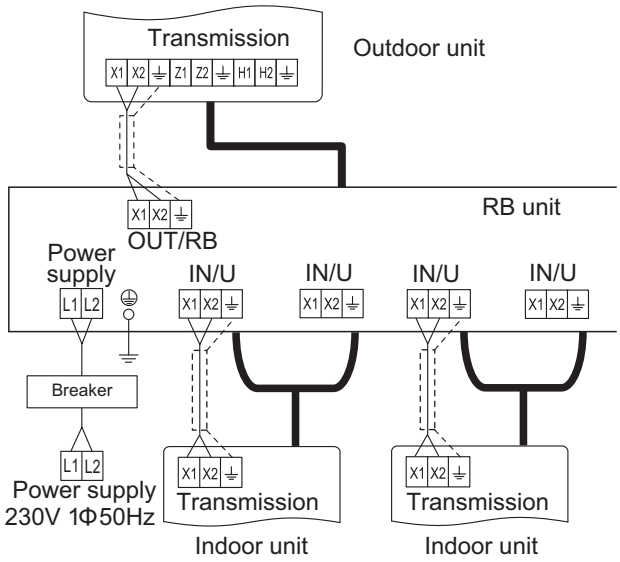
- Setting range: 00—63 (Arbitrary numbers can be set.)
- Do not set indoor unit address to the range of 64—99.
- Do not set the same address number to 2 or more RB Units.


FUNCTION SETTINGS

- **RB Unit branch merging (UTP-RX08AH, UTP-RX12AH)**
  - **PC board layout**



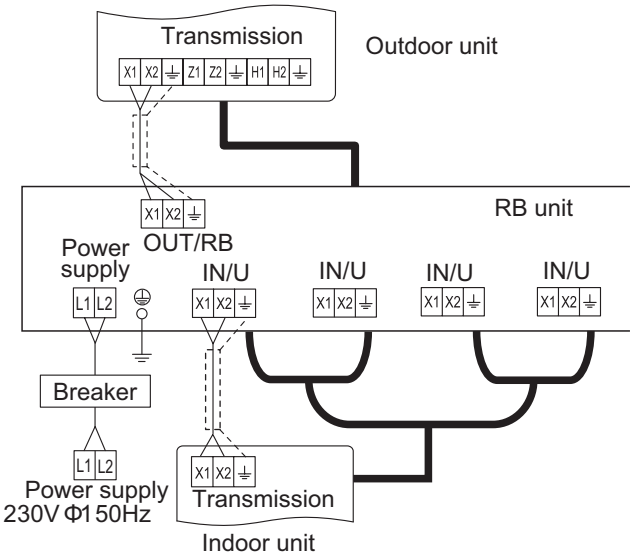

  - **2-branch merging**




| PC board | Branches that can be merged | Rotary switch setting |
|---|---|---|
| For branches A-D | Branches A and B | Set the branch B switch only |
| | Branches C and D | Set the branch D switch only |
| | Branches A and B<br>Branches C and D | Set the branch B and D switches only |
| For branches E-H | Branches A and B | Set the branch F switch only |
| | Branches G and H | Set the branch H switch only |
| | Branches E and F<br>Branches G and H | Set the branch F and H switches only |
| For branches I-L | Branches I and J | Set the branch J switch only |
| | Branches K and L | Set the branch L switch only |
| | Branches I and J<br>Branches K and L | Set the branch J and L switches only |


FUNCTION SETTINGS

– **4-branch merging**



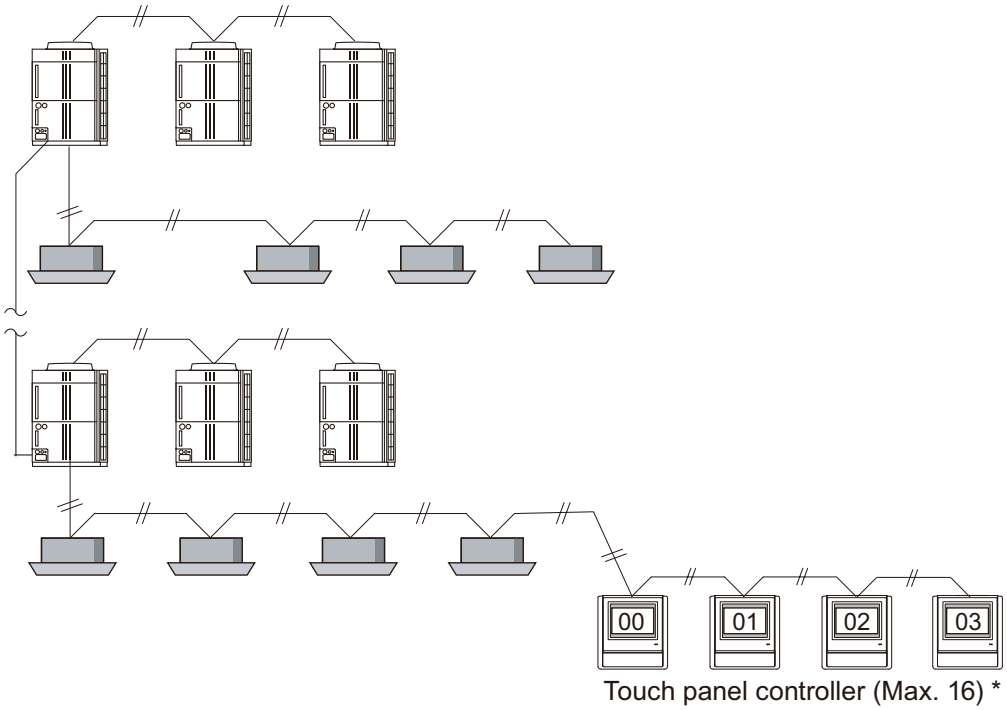

| PC board | Branches that can be merged | Rotary switch setting |
|---|---|---|
| For branches A-D | Branches A to D | Use branch D setting only |
| For branches E-H | Branches E to H | Use branch H setting only |
| For branches I-L | Branches I to L | Use branch L setting only |



FUNCTION SETTINGS

# ■ Touch Panel Controller setting (Set G)

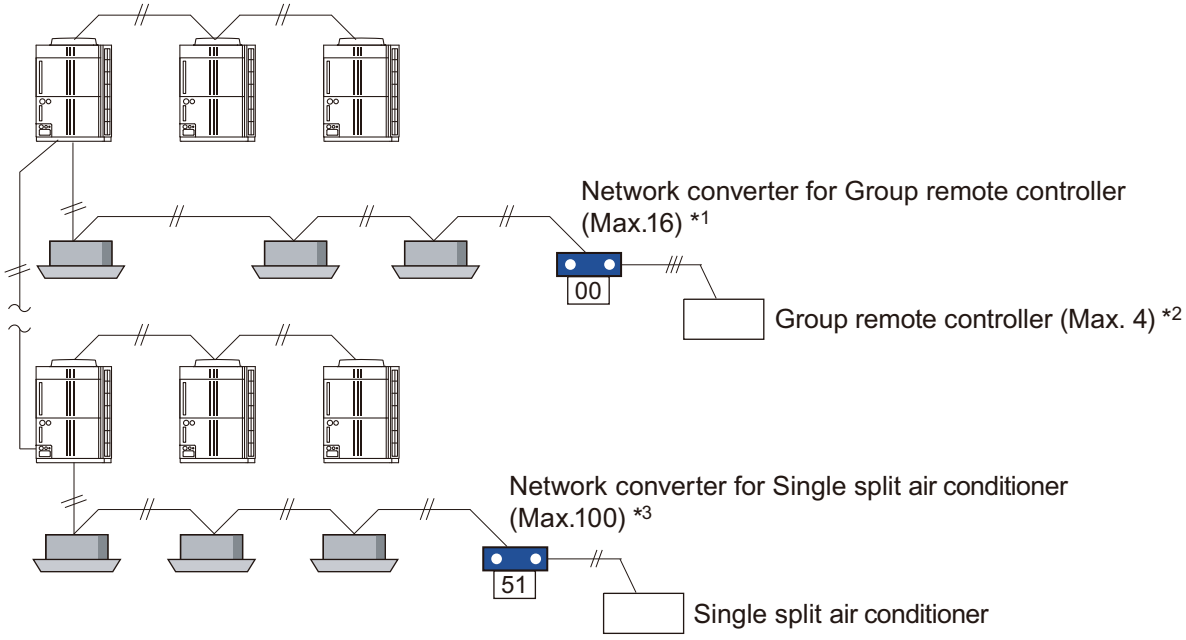
Before performing the initial setting, set the Touch panel controller address first. For details, refer to the setting manual.




*: The sum total of the Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks is a maximum of 16.

# ■ Network Converter setting (Set H)

Set the rotary switches 110 and 111 on the Network Converter PCB.




*1: The sum total of the Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks is a maximum of 16.

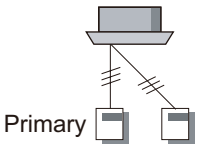
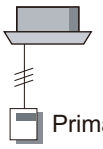
*2: Up to 64 Group Remote Controllers are connectable in one VRF Network system.

*3: When connecting the Network Converter for single split air conditioner, set up the number so that the refrigerant circuit address number of the outdoor unit and indoor unit does not overlap. The sum total of the refrigerant circuit address of Network Converter for single split air conditioner, outdoor unit and the indoor unit is a maximum of 100.


FUNCTION SETTINGS

## ■ Dual remote control switch (Set J)

According to the number of connecting wired remote controller(s), turn “ON” or “OFF” the switch 2 of DIP switch 1 on the secondary remote controller.

| | 2-wire remote controllers are connected in a remote controller group | Only 1 wired remote controller is connected in a remote controller group |
|---|---|---|
| |  |  |
| | Switch 2 of DIP switch1 | |
| Primary controller | OFF | OFF |
| Subordinate controller | ON | — |

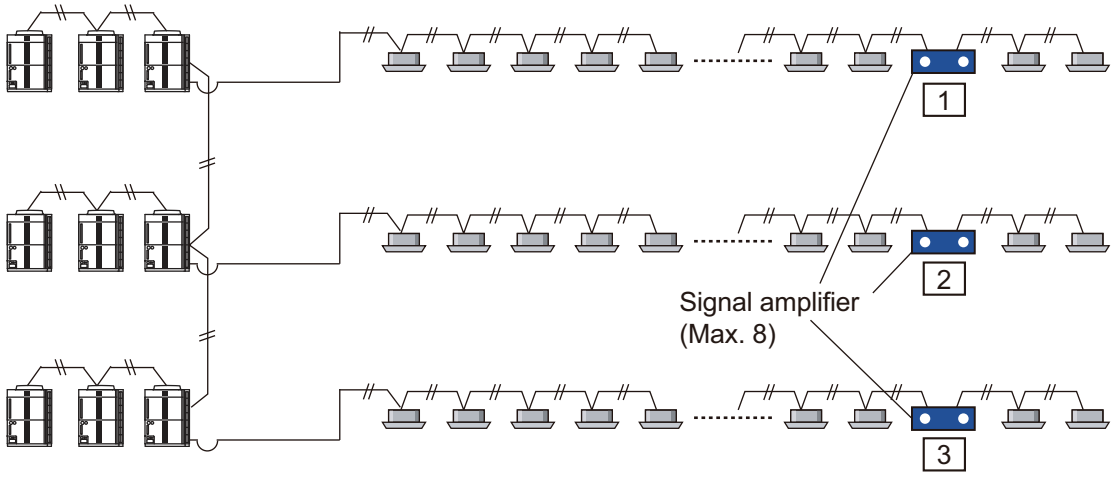
When two wired remote controllers are connected in a remote controller group, turn the switch 2 of DIP switch 1 on the secondary remote controller “ON”.

When only one wired remote controller is connected in a remote controller group, turn the switch 2 of DIP switch 1 on the secondary remote controller “OFF”.

**NOTES:**

- Timer setting is not available on the secondary remote controller.
- Last command takes priority.

## ■ Signal Amplifier address (Set K)

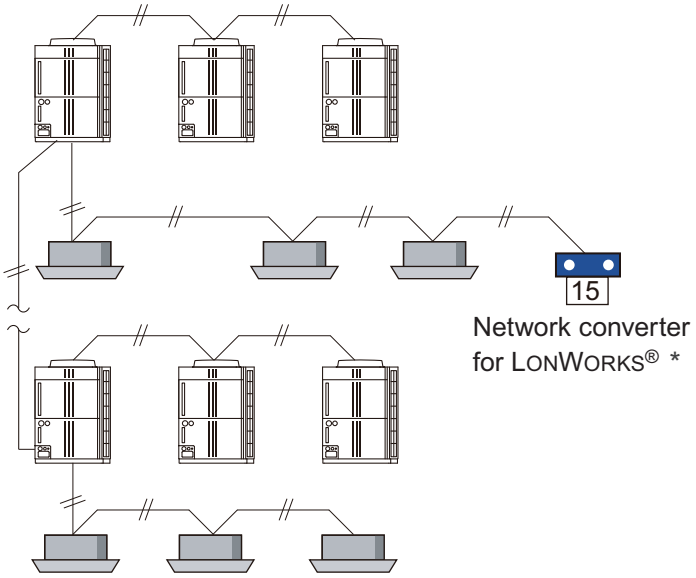





FUNCTION SETTINGS

# ■ Network Converter for LonWorks setting (Set M)

**NOTE:** Setting up more than one Network Converter in one VRF network system is prohibited.



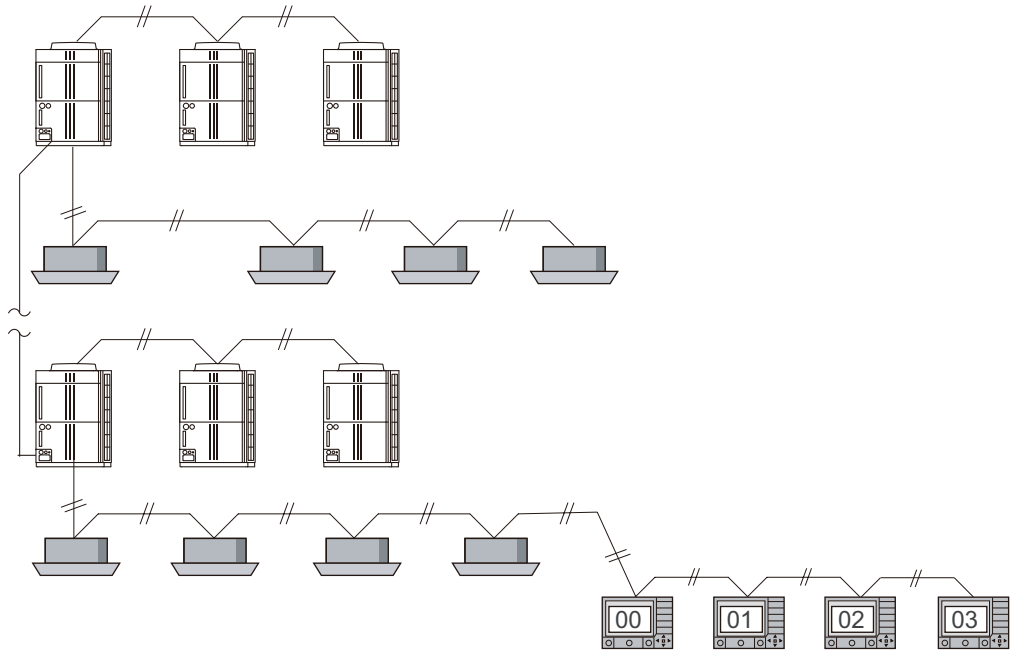

*: The sum total of the Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks is a maximum of 16.



FUNCTION SETTINGS

# ■ Central Remote Controller address (Set N)

Before performing the initial setting, set the Central Remote Controller address first.
For details, refer to the setting manual.




Central remote controller (Max. 16) *

*: The sum total of the Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks is a maximum of 16.



FUNCTION SETTINGS

# 1-4. Address setting by remote controller

## ■ Address setting by wireless remote controller (UTY-LNV∗)

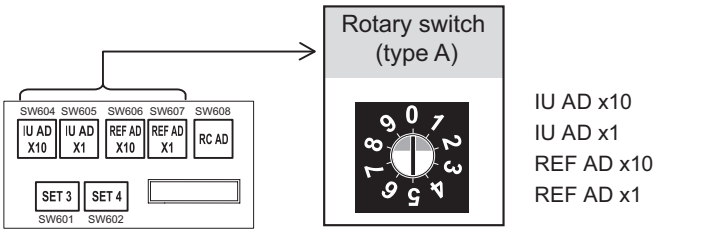
- A wireless remote controller is required to set the infrared address setting.
- Infrared address setting function is available in all indoor units with infrared signal receiver.
- Infrared address setting for duct type and cassette type models can be performed by using the optional IR receiver unit.

**NOTE:** The beeping sound is emitted from the Indoor unit PCB. Since the indoor unit is installed far away, the sound might not be heard. (The sound is not emitted from the IR receiver unit.)

- The indoor unit address and the indoor unit refrigerant circuit address can be set by performing the infrared address setting.
- When remote controller address setting is required, set by the rotary switch on the indoor unit PCB.

### ● Preparation

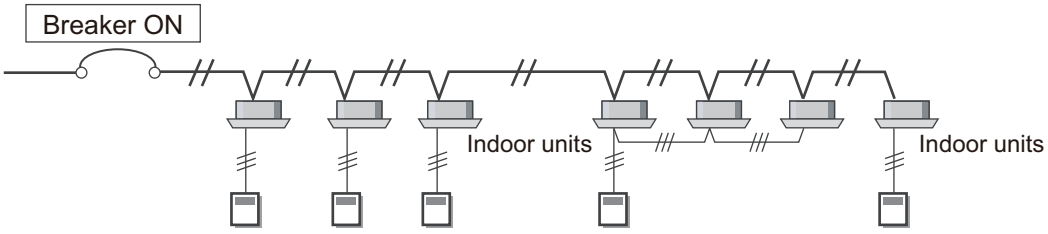
1. (This step is unnecessary for newly installed and not yet set the switch.)
   Set the rotary switch on the indoor unit PCB for manual address setting. (Initially set to “00” as factory setting.)
   The layout of the switches differs by the type of the indoor unit. For the details, refer to "Setting on indoor unit PCB" on page 07-100.




Check the switch position is set at “0”. (Factory setting)

2. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

3. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.





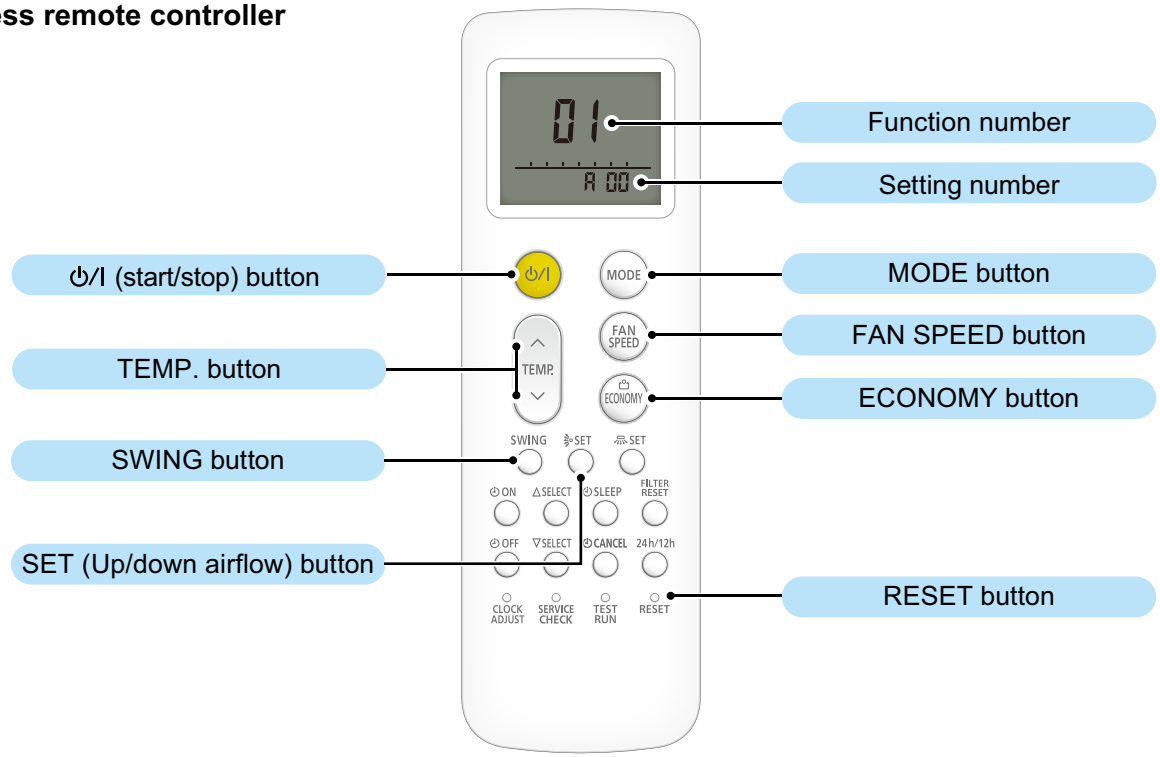
FUNCTION SETTINGS

# ● Button name and function

Address code indicator on the remote controller and the operation lamp on IR receiver unit and on the indoor unit are as shown in the figures below.

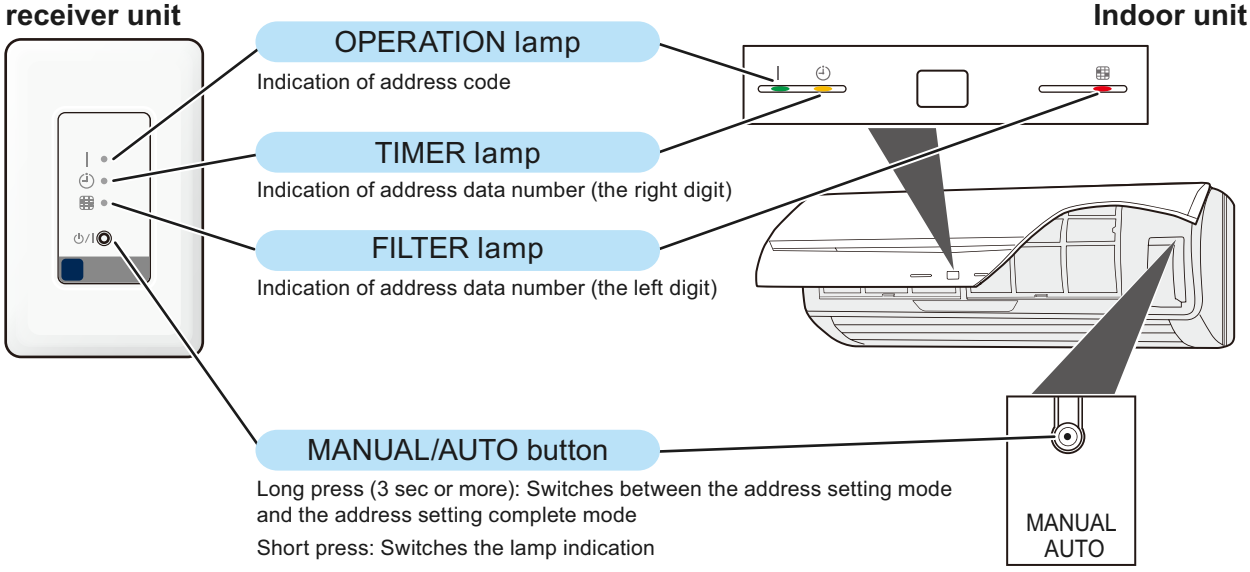
- For an outline of the address setting, refer to "Address setting" on page 07-4.
- For the details of function number and setting number used for the function setting, refer to "Function details" on page 07-147.
- It does not matter whether the refrigerant system address or indoor unit address is set first. (The method shown here sets the indoor unit address first.)
- During address setting mode, indoor unit reject the any operation command from remote controller.

**Wireless remote controller**




**IR receiver unit**

**Indoor unit**




| | Indoor unit address display | Refrigerant system address display |
|---|---|---|
| Operation lamp | ON / OFF (Light continuously) | ON / OFF (Light 1 sec. ON / 1 sec. OFF) |

**RELATED LINKS**

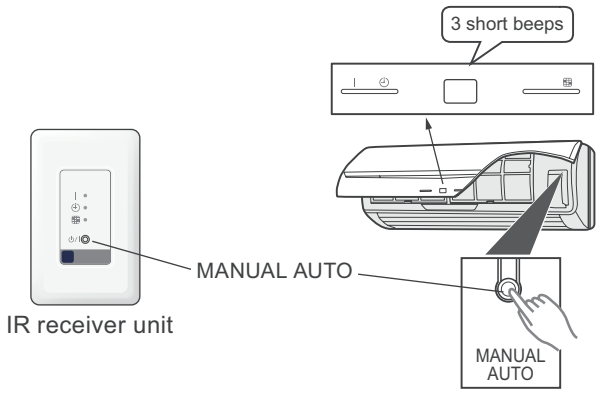
"Indoor unit (setting by UTY-LNV∗)" on page 07-113

## ● Entering function setting mode

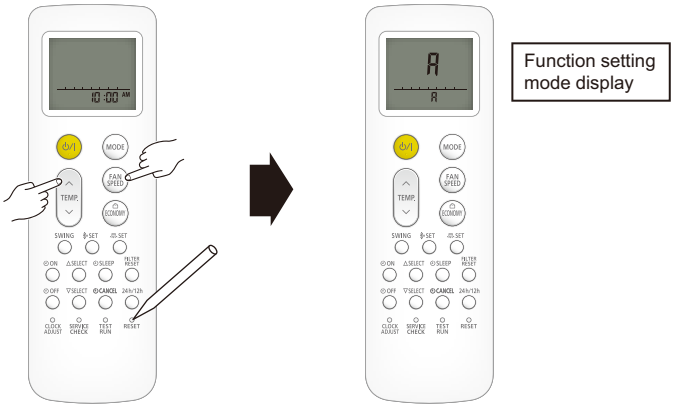
**NOTE:** Be sure that all the procedures described in "Preparation" on page 07-24 are completed.

- The position of the MANUAL AUTO button varies depending on the model. For the actual position of the button on each unit, refer to the operation manual.
- If the MANUAL AUTO button is pressed continuously for 10 seconds or more, the error will be displayed. In this case, release the button or turn off the power.

1. Press and hold the MANUAL AUTO button for 3 seconds.




2. While press and hold the FAN SPEED and the TEMP. ∧ buttons, press the RESET button. The function setting mode will be activated.

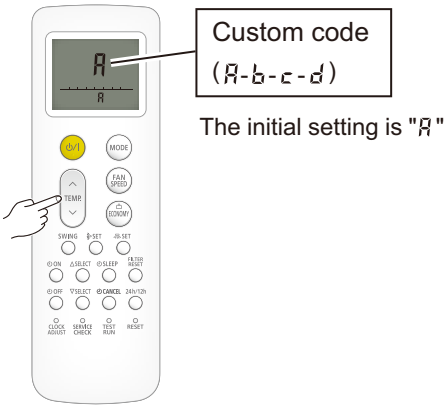




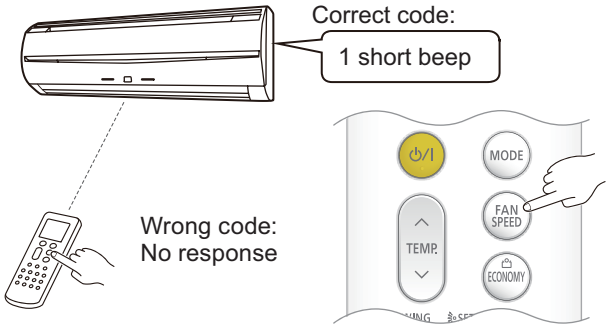

FUNCTION SETTINGS

## ● Selection and confirmation of custom code

1. In function setting mode display, press the TEMP. ∧ or ∨ button to select the custom code that matches the setting with the indoor unit. By selecting the appropriate custom code, the communication between the indoor unit and the wireless remote controller become possible.




2. For confirming the custom code, press the FAN SPEED button to send the code to the indoor unit.

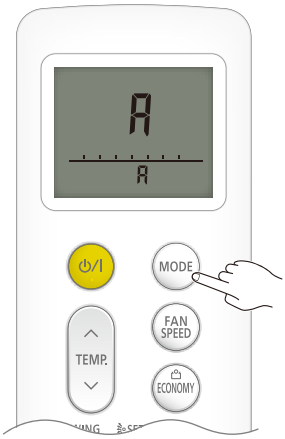




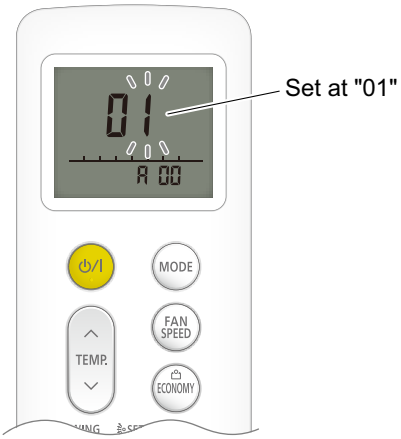

FUNCTION SETTINGS

## ● Indoor unit address setting

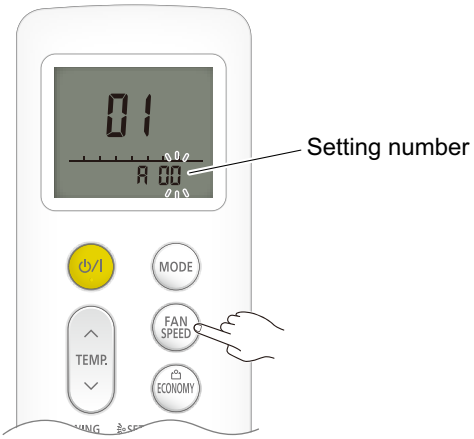
1. In the function setting mode display, press the MODE button to enter the address setting mode.




2. Make sure that the function number displayed on the remote controller LCD is “01”. If the number is other than “01”, press the TEMP. ∧ or ∨ button to change the number.



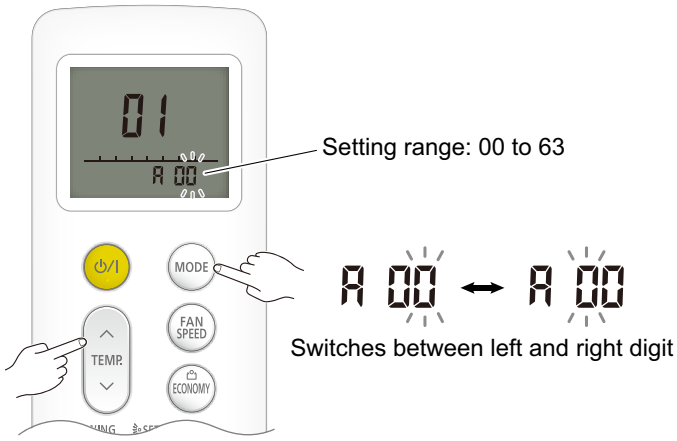

3. Press the FAN SPEED button to enter the indoor unit address setting mode. The setting number flashes once when this button is pressed.



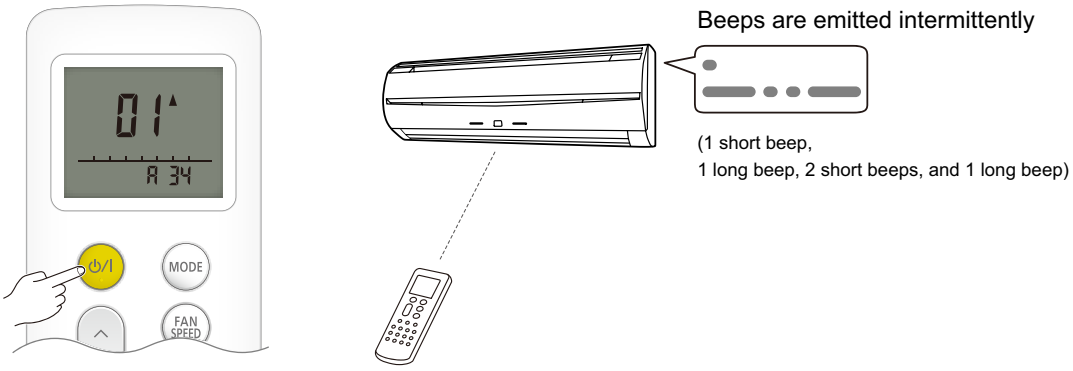



FUNCTION SETTINGS

4. Press the TEMP. ∧ or ∨ button to adjust the address data. The indoor unit address range is between “00” and “63”.
Each time the MODE button is pressed, it switches between the left digit and the right digit.



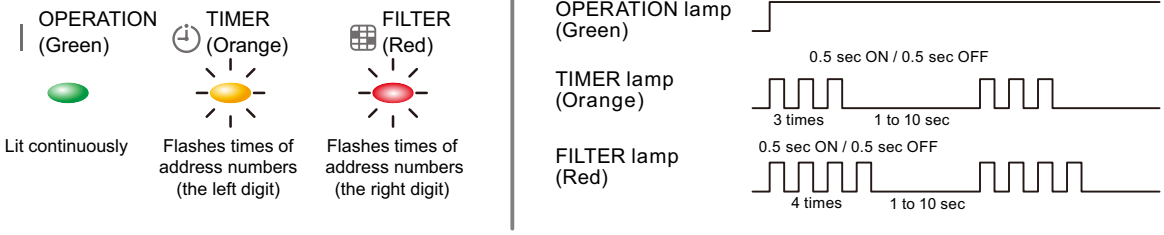

5. Send the information by pressing the ⏻/I (start/stop) button once. A beeping sound (1 short beep, 1 long beep, 2 short beeps, and 1 long beep) will be emitted if the command is accepted.




In the following cases, the setting signal will not be accepted correctly and 1 short beep and 1 long beep will be emitted:

- The indoor unit address number is set out of range (64 or more)
- The setting of the rotary switch on the indoor unit PCB is not set to “00”

6. Indoor unit lamps will indicate the indoor unit address data number as follows:

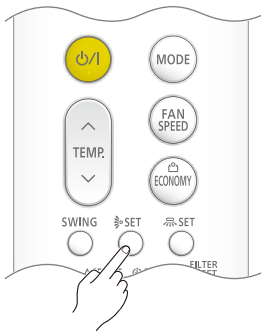


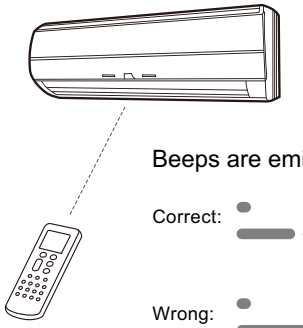

When the address setting is “0”, TIMER lamp and FILTER lamp will not flash.


FUNCTION SETTINGS

## ● Confirmation of address setting

To confirm the address setting is properly configured, press the SET button.



Beeps are emitted intermittently as follows:

Correct: (1 short beep, 1 long beep, 4 short beeps, and 1 long beep)

Wrong: (3 sec) (1 short beep and 1 long beep)

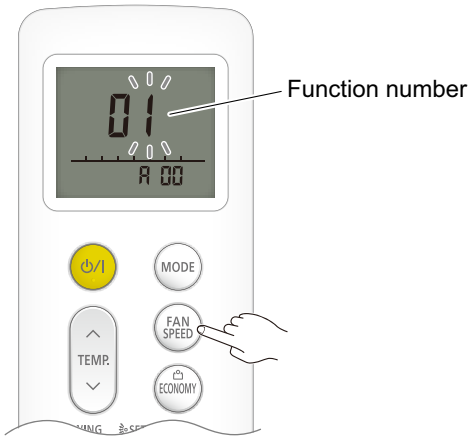


FUNCTION SETTINGS

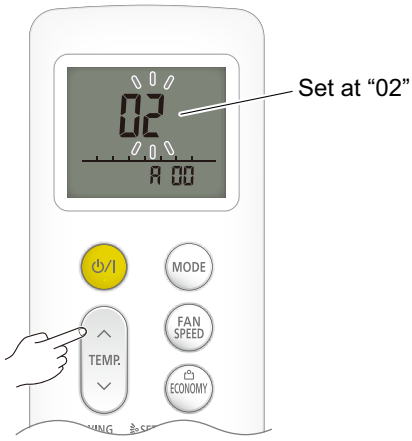
## ● Refrigerant system address setting

**NOTE:** Even when the indoor unit indicator lamp shows the indoor unit address, the display switches to the refrigerant system address when performing the following operations.

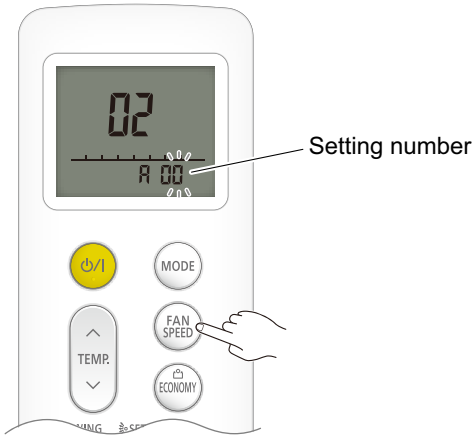
1. Press the FAN SPEED button to select the function number.




2. Press the TEMP. ∧ or ∨ button to adjust function number “02”.



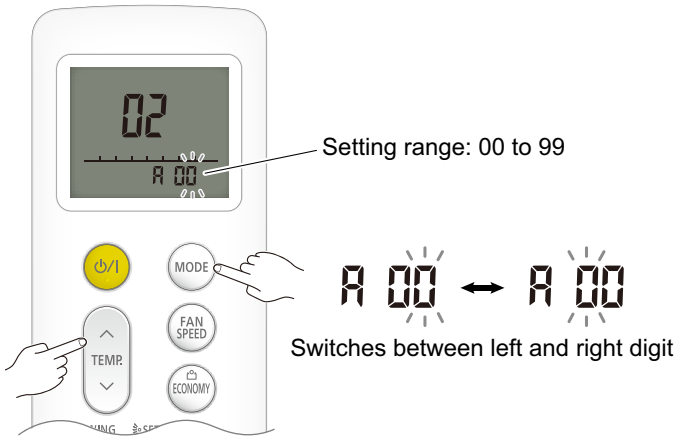

3. Press the FAN SPEED button to enter the refrigerant circuit address setting mode. The setting number flashes once when this button is pressed.



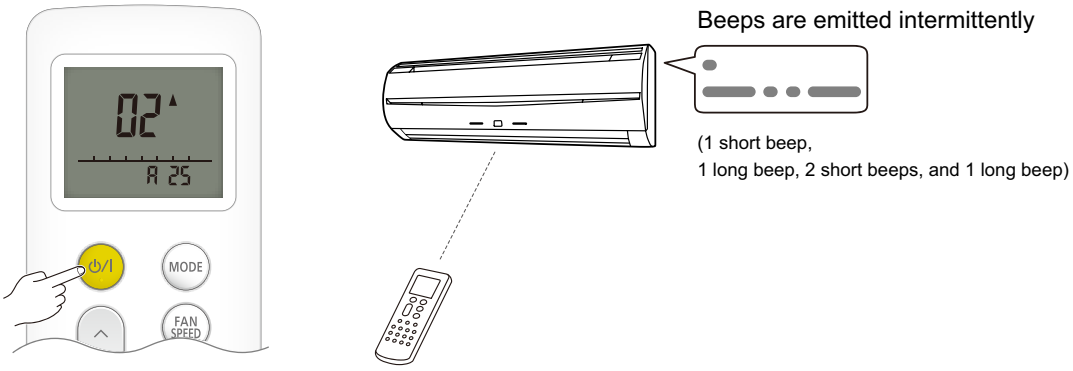


FUNCTION SETTINGS

4. Press the TEMP. ∧ or ∨ button to adjust the address data. The refrigerant system address range is between “00” and “99”.
Each time the MODE button is pressed, it switches between the left digit and the right digit.



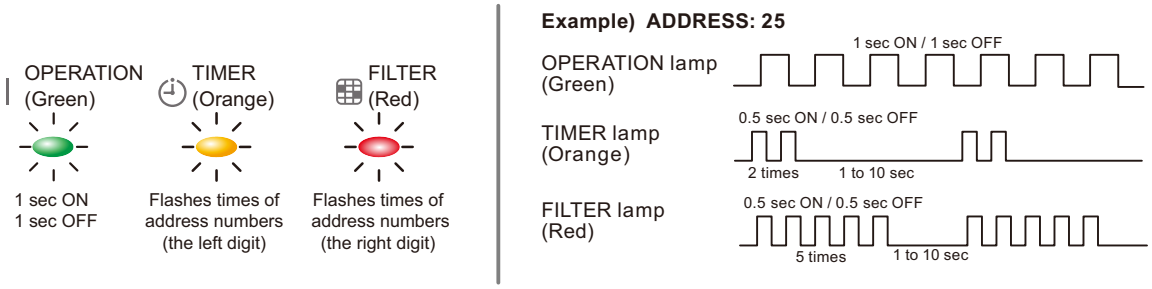

5. Send the information by pressing the ⏻/I (start/stop) button once. A beeping sound (1 short beep, 1 long beep, 2 short beeps, and 1 long beep) will be emitted if the command is accepted.




In the following cases, the setting signal will not be accepted correctly and 1 short beep and 1 long beep will be emitted:

- The indoor unit address number is set out of range (64 or more)
- The setting of the rotary switch on the indoor unit PCB is not set to “00”

6. Indoor unit lamps will indicate the refrigerant system address data number as follows:

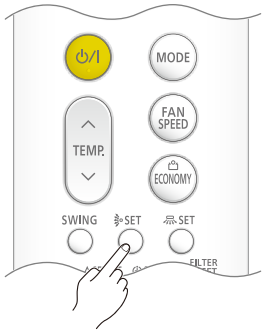


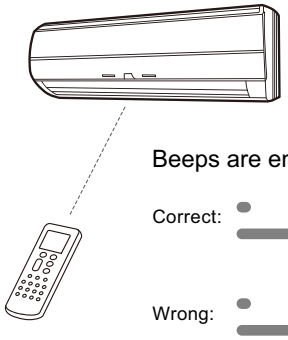

- When the address setting is “0”, TIMER lamp and FILTER lamp will not flash.
- Address indication will be switched automatically from indoor unit address to refrigerant system address.


FUNCTION SETTINGS

## ● Confirmation of address setting

To confirm the address setting is properly configured, press the SET button.



Beeps are emitted intermittently as follows:

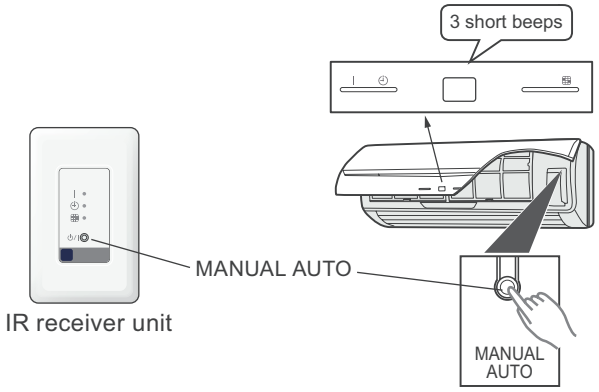
Correct: (1 short beep, 1 long beep, 4 short beeps, and 1 long beep)

Wrong: (3 sec) (1 short beep and 1 long beep)

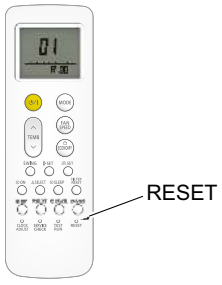
## ● Completion of address setting mode

- The position of the MANUAL AUTO button varies depending on the model. For the actual position of the button on each unit, refer to the operation manual.
- If the MANUAL AUTO button is pressed continuously for 10 seconds or more, the error will be displayed. In this case, release the button or turn off the power.

1. Press and hold the MANUAL AUTO button for 3 seconds. The brightness of each indicator lamp is darkening though the content of the display does not change.




2. Press the RESET button.




For the custom code setting of b, c, or d, perform the setting after pressing the RESET button.

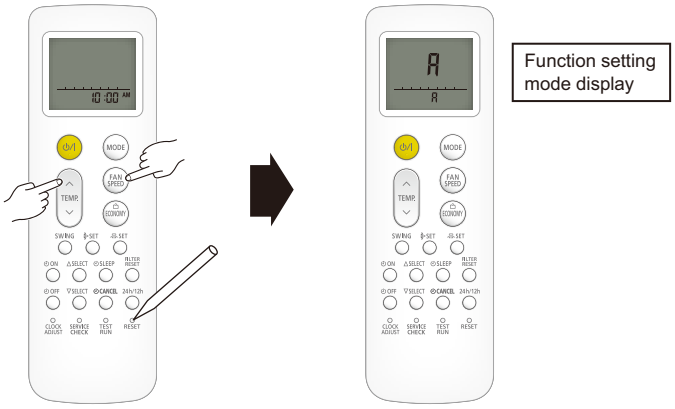
- After completing the procedure above, no address setting signal is received. If the address setting signal is sent, 1 short beep and 1 long beep will be emitted indicating an error.
- When returning the address setting mode again, press the MANUAL AUTO button for 3 seconds.



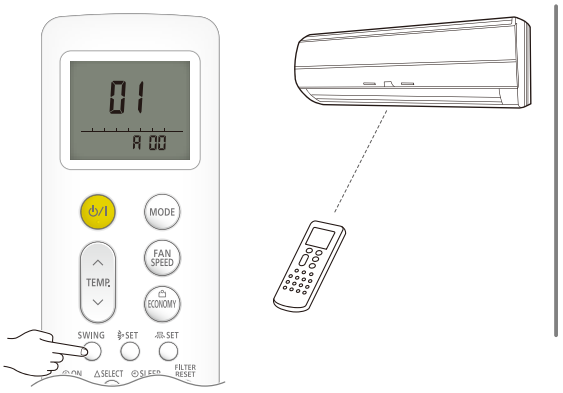
FUNCTION SETTINGS

## ● Reconfirmation of address setting

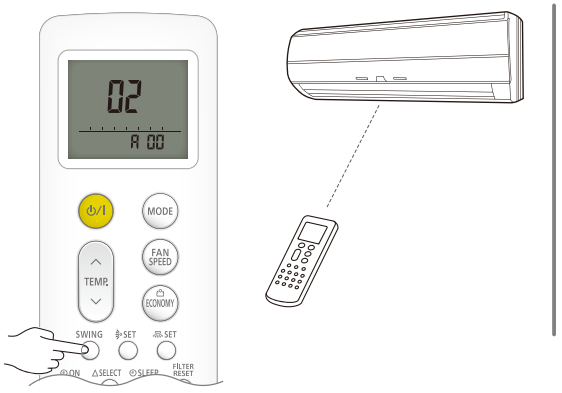
Press and hold the FAN SPEED and the TEMP. ∧ buttons. While holding these 2 buttons, press the RESET button.




- **Indoor unit address setting**
  1. Make sure that the function number is set to “01” with referring the step 2. in "Indoor unit address setting" on page 07-28.
  2. Press the SWING button. Associating indication will be shown on the indoor unit LED lamps.




- **Refrigerant system address setting**
  1. Make sure that the function number is set to “01” with referring the step 2. in "Refrigerant system address setting" on page 07-31.
  2. Press the SWING button. Associating indication will be shown on the indoor unit LED lamps.



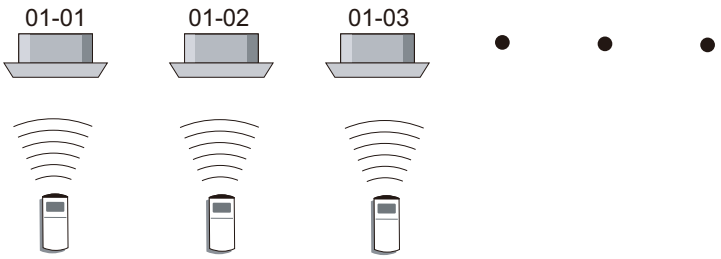


FUNCTION SETTINGS

## ● Setting up each indoor unit

Setting must be performed on each indoor unit by repeating following procedures:

- "Preparation" on page 07-24
- "Entering function setting mode" on page 07-26
- "Selection and confirmation of custom code" on page 07-27
- "Indoor unit address setting" on page 07-28
- "Refrigerant system address setting" on page 07-31
- "Completion of address setting mode" on page 07-33
- "Reconfirmation of address setting" on page 07-34




When the custom code is different to "H" (factory setting), only following procedures need to be performed.

- "Preparation" on page 07-24
- "Entering function setting mode" on page 07-26
- "Selection and confirmation of custom code" on page 07-27
- "Completion of address setting mode" on page 07-33
- "Reconfirmation of address setting" on page 07-34

## ● Resetting the power after setting up all indoor units

**NOTES:**

- If the reset is not performed, address cannot be read correctly.
- After all the addresses have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set address is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting address is effective after disconnecting the power supply and then reconnecting it.
- Record the address set in the indoor unit on a label, and put the label on the unit so it can be used for after-sales service operations.

Address “0” setting will not be indicated on TIMER lamp and FILTER lamp.

Once the RESET button is pressed on the remote controller, the operation mode will be set to the AUTO MODE.

Adjust the operation mode to either cooling or heating before starting the operation of the air conditioner.

**NOTE:** If custom code other than "H" is set, the remote control must be set accordingly to the indoor unit setting.



FUNCTION SETTINGS

# ■ Address setting by wireless remote controller (UTY-LNH∗)

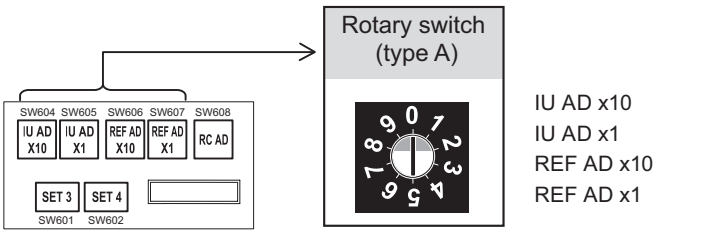
- A wireless remote controller is required to set the infrared address setting.
- Infrared address setting function is available in all indoor units with infrared signal receiver.
- Infrared address setting for duct type and cassette type models can be performed by using the optional IR receiver unit.

**NOTE:** The beeping sound is emitted from the Indoor unit PCB. Since the indoor unit is installed far away, the sound might not be heard. (The sound is not emitted from the IR receiver unit.)

- The indoor unit address and the indoor unit refrigerant circuit address can be set by performing the infrared address setting.
- When remote controller address setting is required, set by the rotary switch on the indoor unit PCB.

## ● Preparation

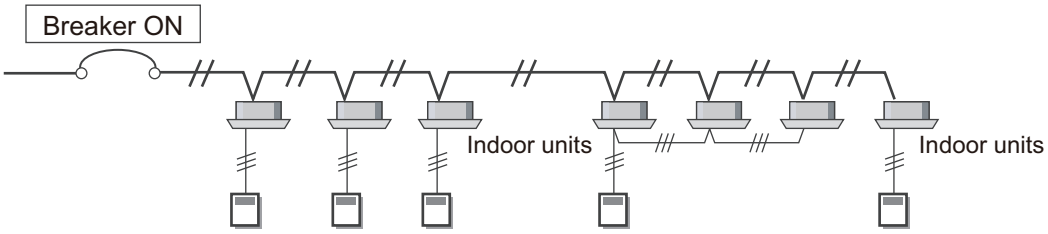
1. (This step is unnecessary for newly installed and not yet set the switch.)
   Set the rotary switch on the indoor unit PCB for manual address setting. (Initially set to “00” as factory setting.)
   The layout of the switches differs by the type of the indoor unit. For the details, refer to "Setting on indoor unit PCB" on page 07-100.




Check the switch position is set at “0”. (Factory setting)

2. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

3. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.





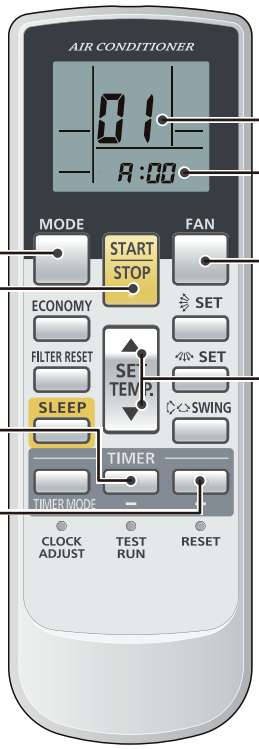
FUNCTION SETTINGS

# ● Button name and function

Address code indicator on the remote controller and the operation lamp on IR receiver unit and on the indoor unit are as shown in the figures below.

- For an outline of the address setting, refer to "Address setting" on page 07-4.
- For the details of function number and setting number used for the function setting, refer to "Function details" on page 07-147.
- It does not matter whether the refrigerant system address or indoor unit address is set first. (The method shown here sets the indoor unit address first.)
- During address setting mode, indoor unit reject the any operation command from remote controller.

**Wireless remote controller**




**Function number**
01: Indoor unit address
02: Refrigerant system address

**MODE button**
- Starts the address setting mode
- Changes the address indicator digits

**Setting number**
Indoor unit address valid range: 00 to 63
Refrigerant system address valid range: 00 to 99

**START/STOP button**
Transmits address setting

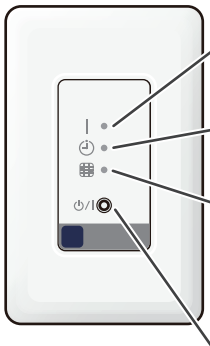
**FAN button**
Switches between the setting number (bottom line) and function number (top line)

**TIMER set (-) button**
Used to reconfirm the address setting

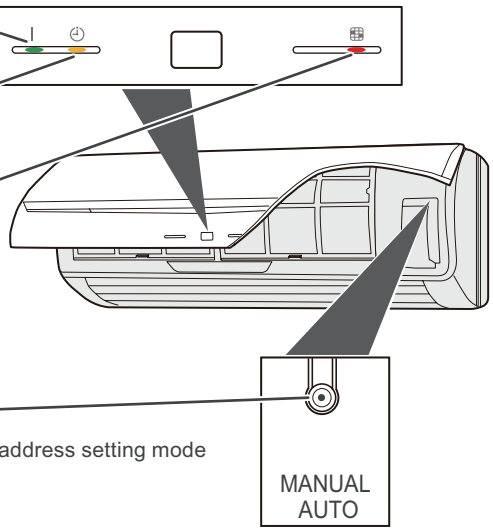
**TIMER set (+) button**
Used to confirm the address setting

**SET TEMP. "▲" and "▼ " button**
Increases and decreases the displayed number

**IR receiver unit**



**Indoor unit**




**OPERATION lamp**
Indication of address code

**TIMER lamp**
Indication of address data number (the right digit)

**FILTER lamp**
Indication of address data number (the left digit)

**MANUAL/AUTO button**
Long press (3 sec or more): Switches between the address setting mode and the address setting complete mode
Short press: Switches the lamp indication

| | Indoor unit address display | Refrigerant system address display |
|---|---|---|
| Operation lamp | ON / OFF (Light continuously) | ON / OFF (Light 1 sec. ON / 1 sec. OFF) |

**RELATED LINKS**

"Indoor unit (setting by UTY-LNH∗)" on page 07-121



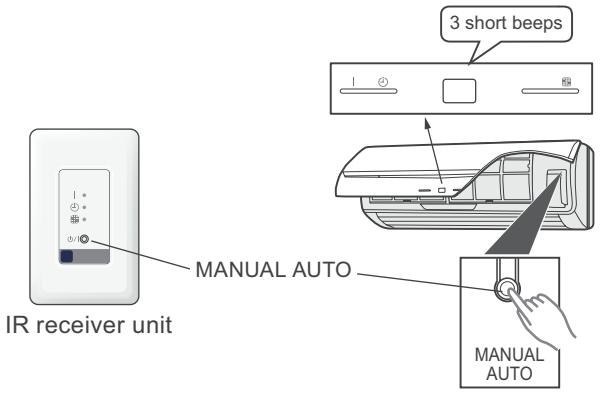

FUNCTION SETTINGS

## ● Entering function setting mode

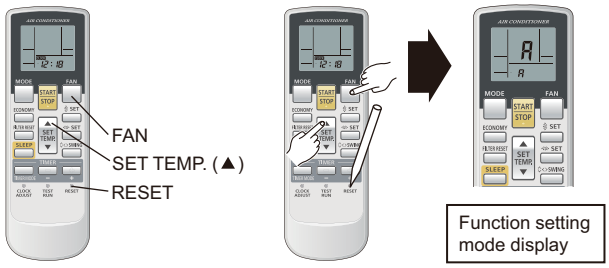
**NOTE:** Be sure that all the procedures described in "Preparation" on page 07-36 are completed.

- The position of the MANUAL AUTO button varies depending on the model. For the actual position of the button on each unit, refer to the operation manual.
- If the MANUAL AUTO button is pressed continuously for 10 seconds or more, the error will be displayed. In this case, release the button or turn off the power.

1. Press and hold the MANUAL AUTO button for 3 seconds.




2. While holding down the FAN and the SET TEMP.▲ buttons, press the RESET button. The function setting mode will be activated.

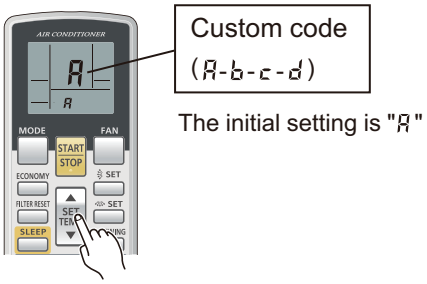




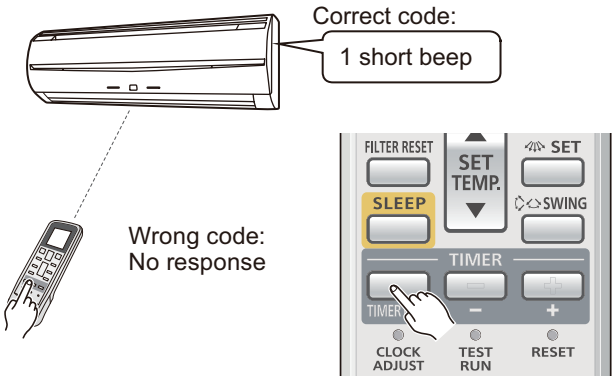

FUNCTION SETTINGS

## ● Selection and confirmation of custom code

1. In function setting mode display, press the SET TEMP. ▲ or ▼ button to select the custom code that matches the setting with the indoor unit. By selecting the appropriate custom code, the communication between the indoor unit and the wireless remote controller become possible.




2. For confirming the custom code, press the TIMER MODE button to send the code to the indoor unit.

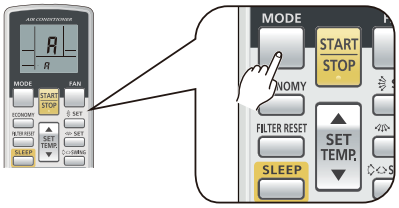




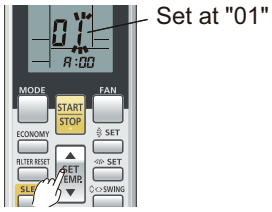

FUNCTION SETTINGS

## ● Indoor unit address setting

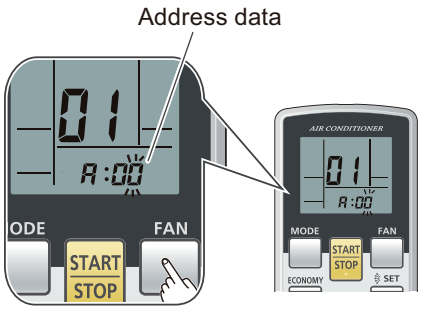
1. In the function setting mode display, press the MODE button to enter the address setting mode.



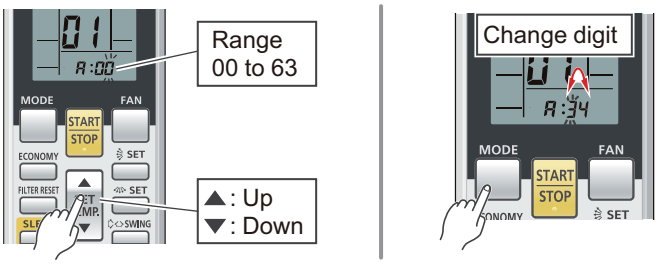

2. Make sure that the function number displayed on the remote controller LCD is “01”. If the number is other than “01”, press the SET TEMP.▲ or ▼ button to change the number.




3. Press the FAN button to enter the address data setting mode. The address data will flash when this button is pressed.



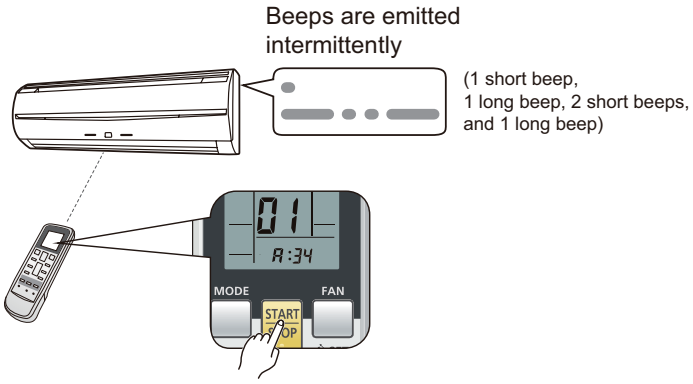

4. Press the SET TEMP.▲ or ▼ button to adjust the address data. The indoor unit address range is between “00” and “63”.
Each time the MODE button is pressed, it switches between the left digit and the right digit.






FUNCTION SETTINGS

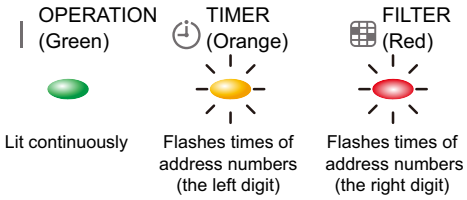
5. Send the information by pressing the START/STOP button once. A beeping sound (1 short beep, 1 long beep, 2 short beeps, and 1 long beep) will be emitted if the command is accepted.

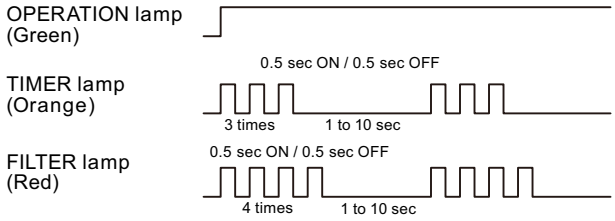



In the following cases, the setting signal will not be accepted correctly and 1 short beep and 1 long beep will be emitted:

- The indoor unit address number is set out of range (64 or more)
- The setting of the rotary switch on the indoor unit PCB is not set to “00”

6. Indoor unit lamps will indicate the indoor unit address data number as follows:

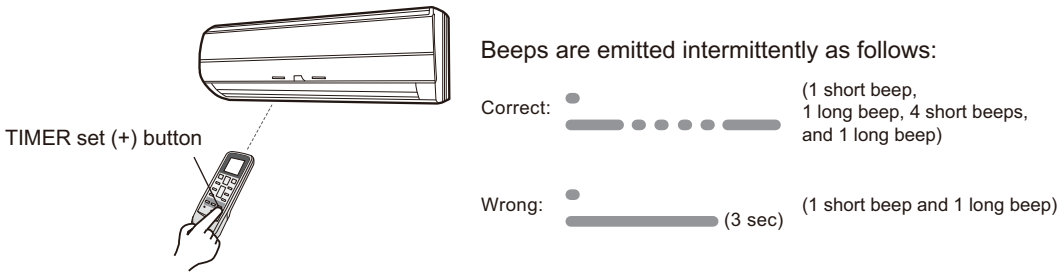



When the address setting is “0”, TIMER lamp and FILTER lamp will not flash.

## ● Confirmation of address setting

To confirm the address setting is properly configured, press the TIMER set (+) button.



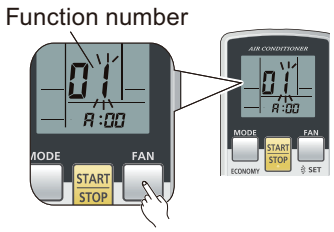


FUNCTION SETTINGS

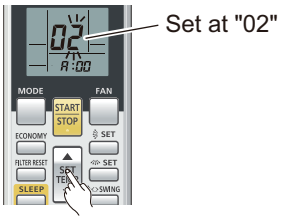
## ● Refrigerant system address setting

**NOTE:** Even when the indoor unit indicator lamp shows the indoor unit address, the display switches to the refrigerant system address when performing the following operations.

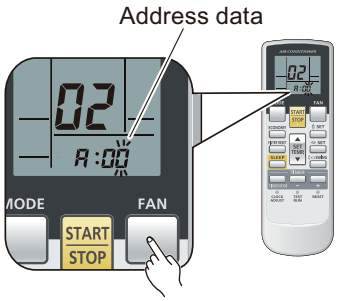
1. Press the FAN button to select the function number.



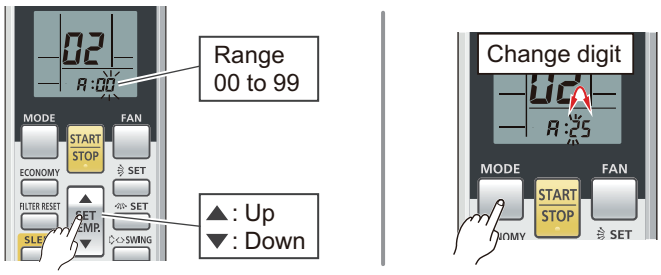

2. Press the SET TEMP.▲ or ▼ button to adjust function number “02”.




3. Press the FAN button to enter the address data setting mode. The address data will flash when this button is pressed.



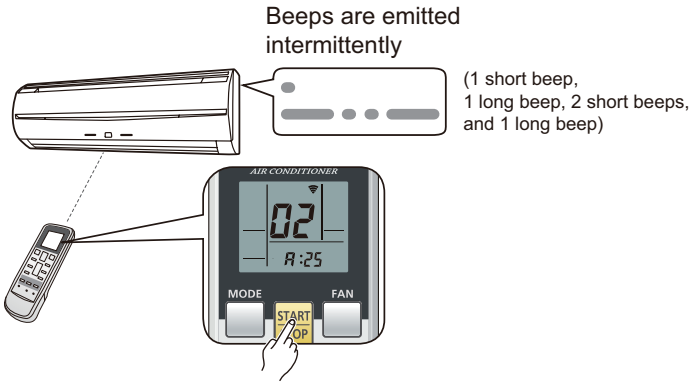

4. Press the SET TEMP.▲ or ▼ button to adjust the address data. The refrigerant system address range is between “00” and “99”.
Each time the MODE button is pressed, it switches between the left digit and the right digit.






FUNCTION SETTINGS

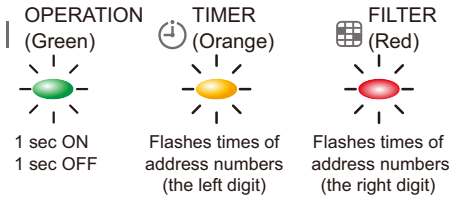
5. Send the information by pressing the START/STOP button once. A beeping sound (1 short beep, 1 long beep, 2 short beeps, and 1 long beep) will be emitted if the command is accepted.

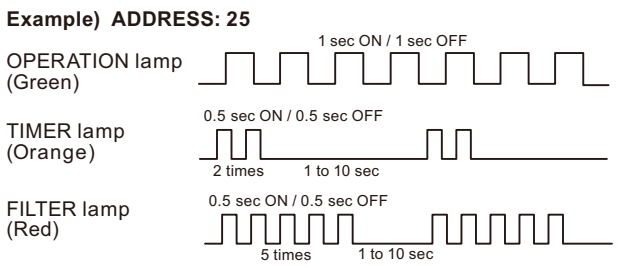



In the following cases, the setting signal will not be accepted correctly and 1 short beep and 1 long beep will be emitted:

- The indoor unit address number is set out of range (64 or more)
- The setting of the rotary switch on the indoor unit PCB is not set to “00”

6. Indoor unit lamps will indicate the refrigerant system address data number as follows:

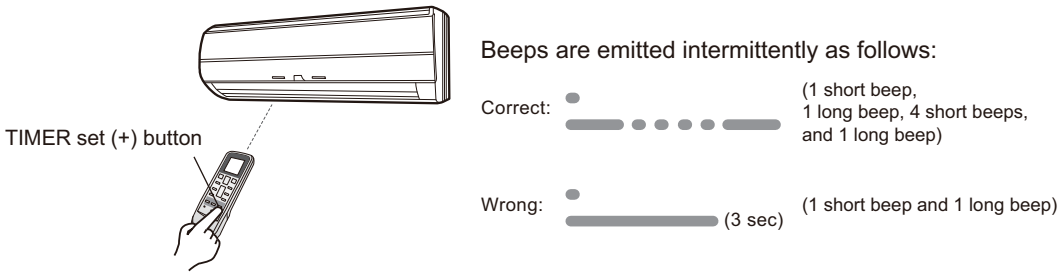



- When the address setting is “0”, TIMER lamp and FILTER lamp will not flash.
- Address indication will be switched automatically from indoor unit address to refrigerant system address.

## ● Confirmation of address setting

To confirm the address setting is properly configured, press the TIMER set (+) button.



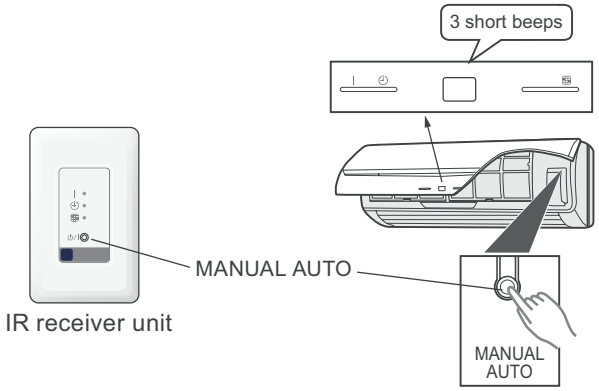


FUNCTION SETTINGS

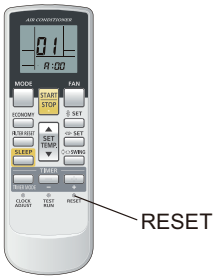
## ● Completion of address setting mode

- The position of the MANUAL AUTO button varies depending on the model. For the actual position of the button on each unit, refer to the operation manual.
- If the MANUAL AUTO button is pressed continuously for 10 seconds or more, the error will be displayed. In this case, release the button or turn off the power.

1. Press and hold the MANUAL AUTO button for 3 seconds. The brightness of each indicator lamp is darkening though the content of the display does not change.




2. Press the RESET button.



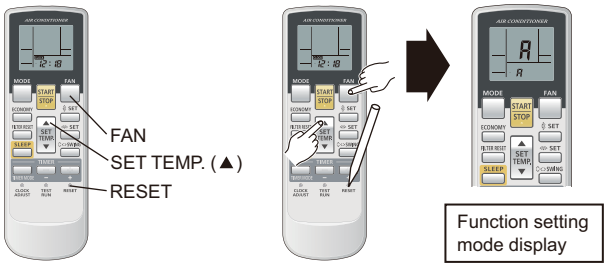

For the custom code setting of b, c, or d, perform the setting after pressing the RESET button.

- After completing the procedure above, no address setting signal is received. If the address setting signal is sent, 1 short beep and 1 long beep will be emitted indicating an error.
- When returning the address setting mode again, press the MANUAL AUTO button for 3 seconds.

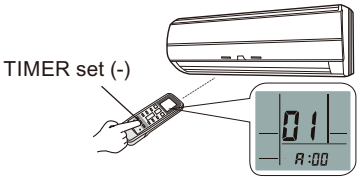

FUNCTION SETTINGS

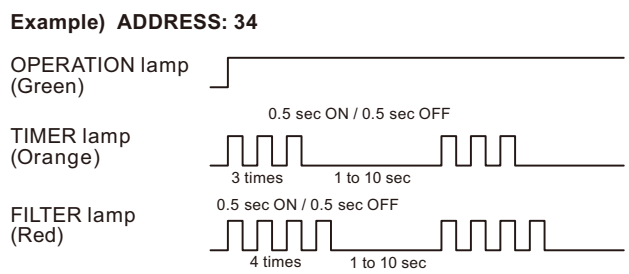
# ● Reconfirmation of address setting

Press and hold the FAN and the SET TEMP.▲ buttons. Whilst holding these 2 buttons, press the RESET button.

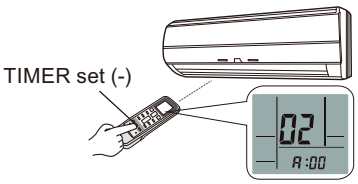


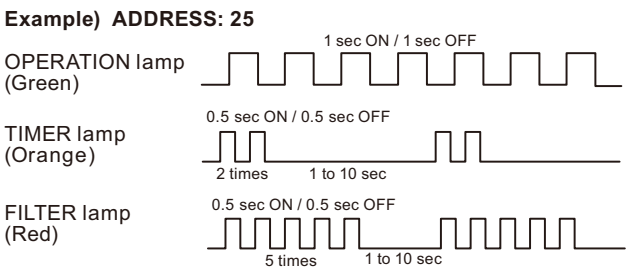

- **Indoor unit address setting**
  1. Make sure that the function number is set to “01” with referring the step 2. in "Indoor unit address setting" on page 07-40.
  2. Press the TIMER set (-) button. Associating indication will be shown on the indoor unit LED lamps.




- **Refrigerant system address setting**
  1. Make sure that the function number is set to “01” with referring the step 2. in "Refrigerant system address setting" on page 07-42.
  2. Press the TIMER set (-) button. Associating indication will be shown on the indoor unit LED lamps.



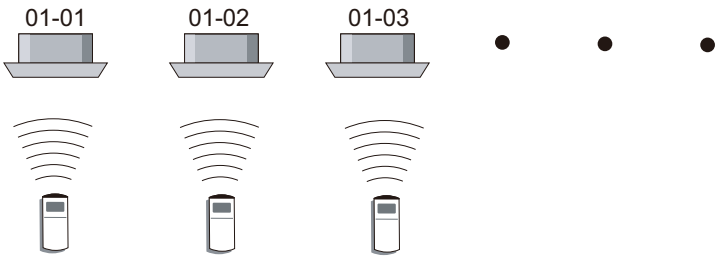


FUNCTION SETTINGS

## ● Setting up each indoor unit

Setting must be performed on each indoor unit by repeating following procedures:

- "Preparation" on page 07-36
- "Entering function setting mode" on page 07-38
- "Selection and confirmation of custom code" on page 07-39
- "Indoor unit address setting" on page 07-40
- "Refrigerant system address setting" on page 07-42
- "Completion of address setting mode" on page 07-44
- "Reconfirmation of address setting" on page 07-45




When the custom code is different to "H" (factory setting), only following procedures need to be performed.

- "Preparation" on page 07-36
- "Entering function setting mode" on page 07-38
- "Selection and confirmation of custom code" on page 07-39
- "Completion of address setting mode" on page 07-44
- "Reconfirmation of address setting" on page 07-45

## ● Resetting the power after setting up all indoor units

**NOTES:**

- If the reset is not performed, address cannot be read correctly.
- After all the addresses have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set address is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting address is effective after disconnecting the power supply and then reconnecting it.
- Record the address set in the indoor unit on a label, and put the label on the unit so it can be used for after-sales service operations.

Address “0” setting will not be indicated on TIMER lamp and FILTER lamp.

Once the RESET button is pressed on the remote controller, the operation mode will be set to the AUTO MODE.

Adjust the operation mode to either cooling or heating before starting the operation of the air conditioner.

**NOTE:** If custom code other than "H" is set, the remote control must be set accordingly to the indoor unit setting.



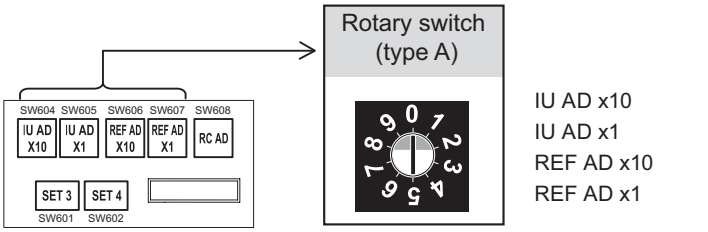
FUNCTION SETTINGS

# ■ Address setting by wired remote controller (UTY-RNK∗)

- Indoor unit addresses and refrigerant system address can be set up using wired remote controllers.
- This function allows setting the addresses of all indoor units to which a wired remote controller is being connected.
- This function cannot be used to set up remote controller addresses.
  Be sure to set them up using the rotary switches on the PCB of each indoor unit. (Refer to "Manual address setting method" on page 07-11.)
- This function cannot be used on the subordinate units.
- This device is connectable to 3-wire type remote controller compatible models only. As for the compatible models, refer to "System configuration examples" in Chapter 5. CONTROL SYSTEM on page 05-2.

## ● Preparation

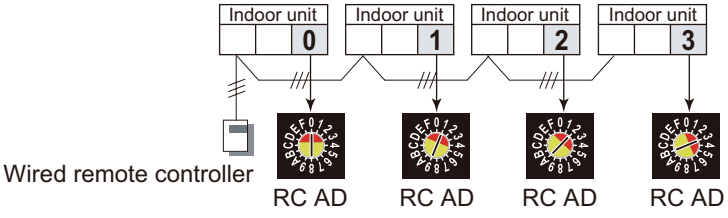
1. Make sure that all indoor unit address switches (IU AD x10, IU AD x1) and refrigerant system address switches (REF AD x10, REF AD x1) on the PCB of each indoor unit are set at 0 (factory setting).
   The layout of the switches differs by the type of the indoor unit. For the details, refer to "Setting on indoor unit PCB" on page 07-100.




Check the switch position is set at “0”. (Factory setting)

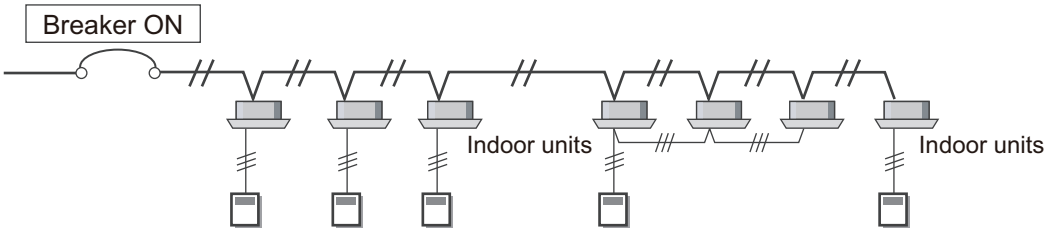
2. If multiple indoor units are connected to a single wired remote controller, set up the remote controller address (RC AD) manually on the indoor units PCBs by referring "Manual address setting method" on page 07-11.

**Example: When 4 indoor units are connected**




3. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

4. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.



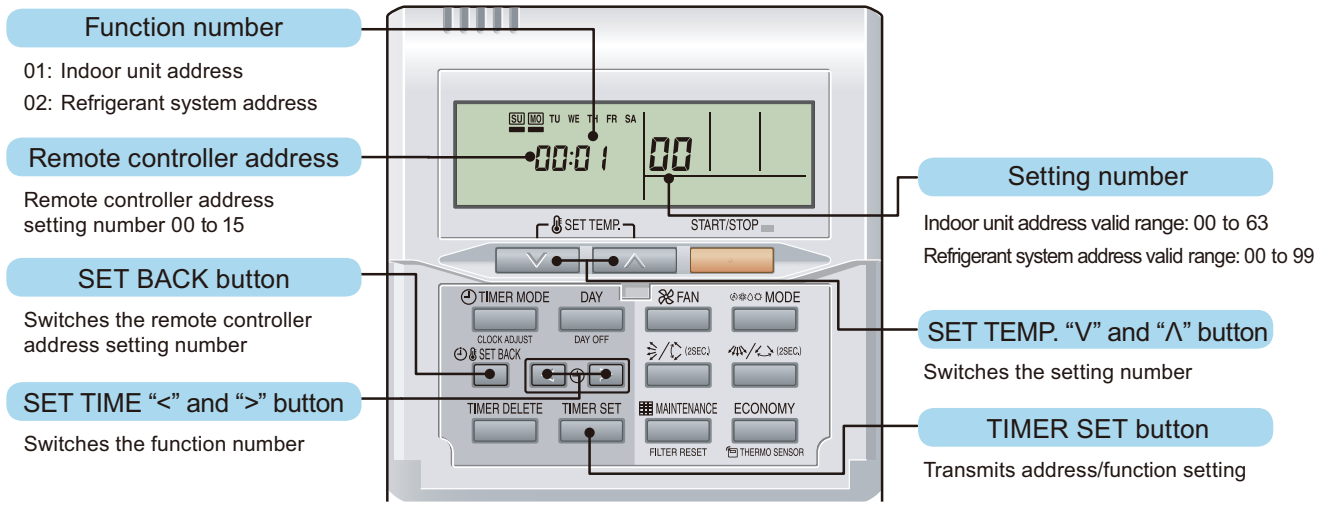


FUNCTION SETTINGS

## ● Button name and function

Address code or function indicator on the remote controller is as shown in the figures below.

- For an outline of the address setting, refer to "Address setting" on page 07-4.
- For the details of function number and setting number used for the function setting, refer to "Function details" on page 07-147.
- It does not matter whether the refrigerant system address or indoor unit address is set first. (The method shown here sets the indoor unit address first.)
- During address setting mode, indoor unit reject the any operation command from remote controller.

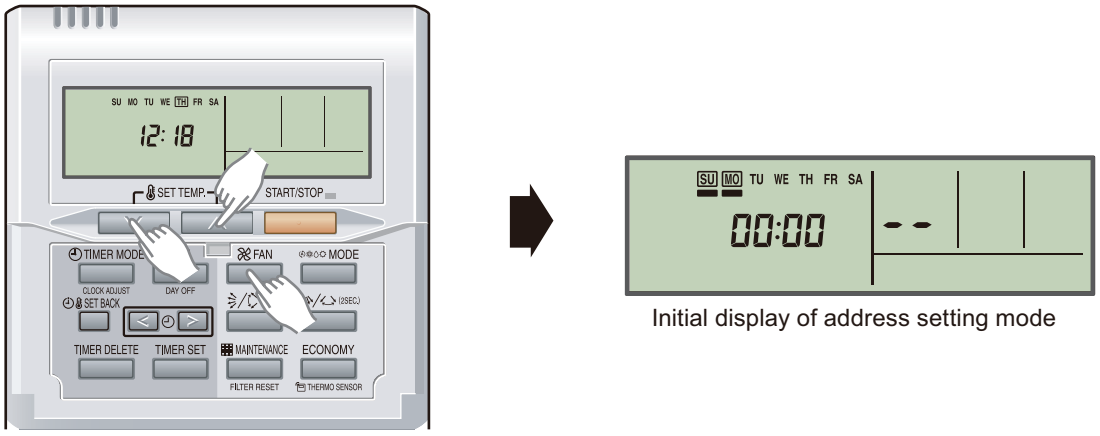



**RELATED LINKS**

"Indoor unit (setting by UTY-RNK∗)" on page 07-127

## ● Entering setting mode

Hold down the 3 buttons of SET TEMP. "⌄", SET TEMP. "⌃", and FAN at the same time for 5 seconds or longer. The setting mode will be activated.



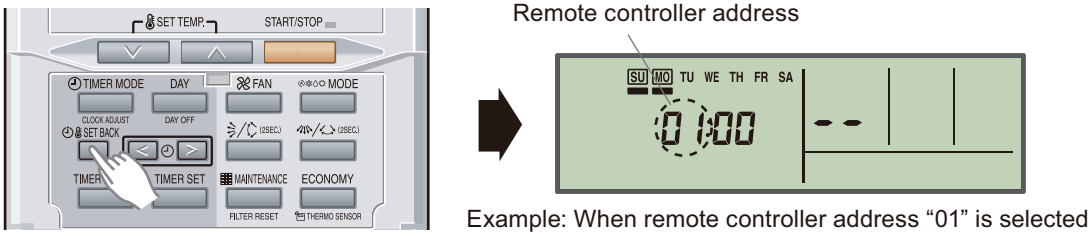

Initial display of address setting mode

FUNCTION SETTINGS

FUNCTION SETTINGS

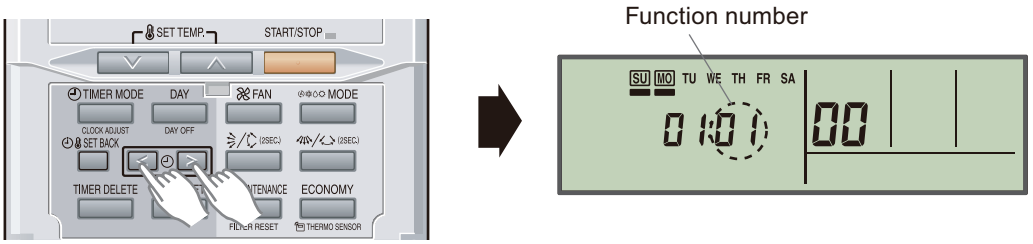
## ● Indoor unit address setting

1. In the initial display of setting mode, by pressing the SET BACK button, select a remote controller address. (Select the indoor unit you want to operate.)

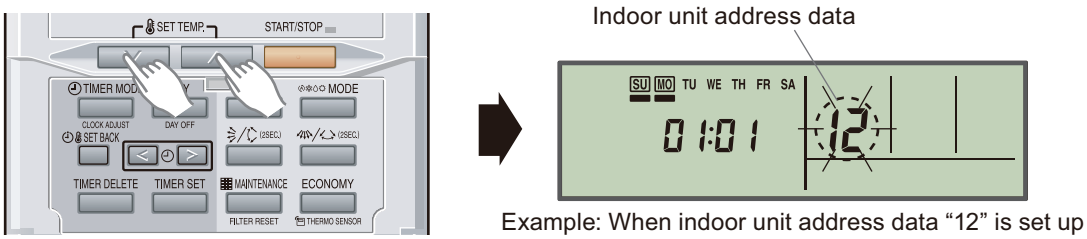



Example: When remote controller address “01” is selected

2. Display the function number “01” by pressing the SET TIME “<” button or SET TIME “>” button.

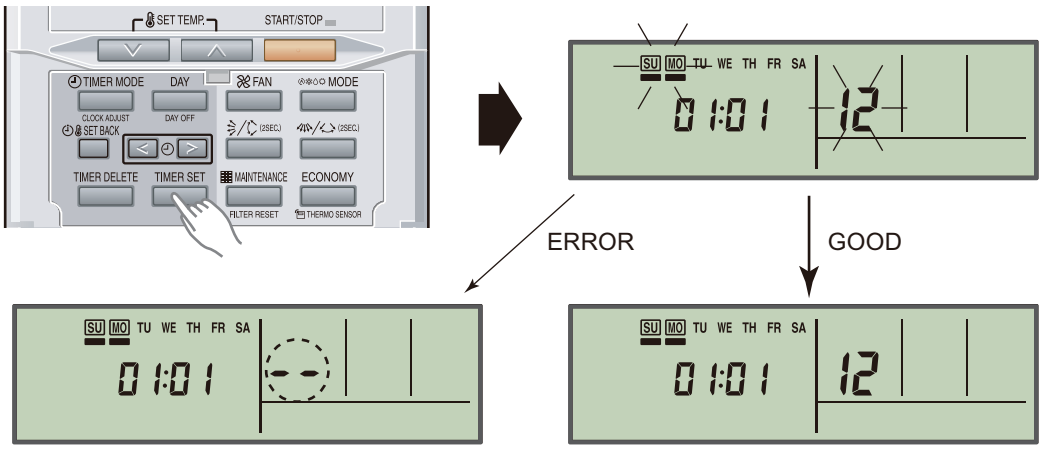



3. Set up the indoor unit address by pressing the SET TEMP. “∨” or the SET TEMP. “∧” button. (The setting range is from “00” to “63”.)




Example: When indoor unit address data “12” is set up

4. Confirm the selected indoor unit address data by pressing the TIMER SET button. The data will be transferred to the indoor unit.

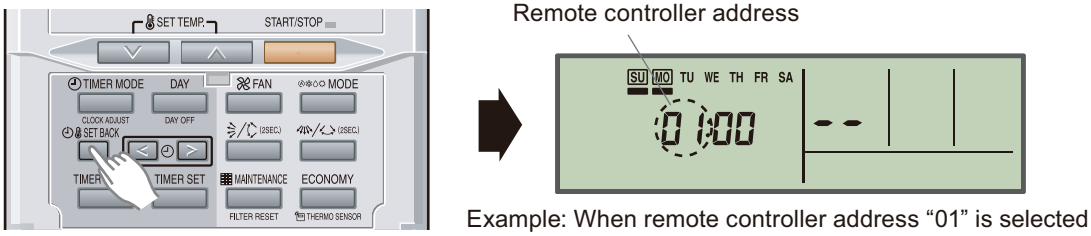



- When the address data is properly set up on the indoor unit, the flashing of the number stops and the set number will be displayed. (GOOD)
- When the address data is not set up correctly, “- -” is displayed. (ERROR) Back to the previous step and set up the indoor unit address data again.


FUNCTION SETTINGS

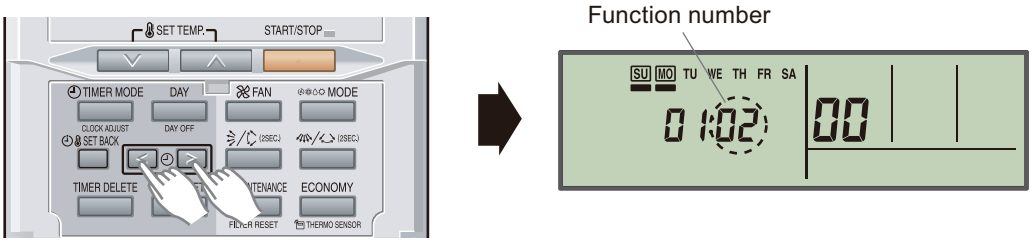
## ● Refrigerant system address setting

1. In the initial display of address setting mode, by pressing the SET BACK button, select a remote controller address. (Select the indoor unit you want to operate.)
   If the indoor unit you want to operate has already been selected, skip this step.



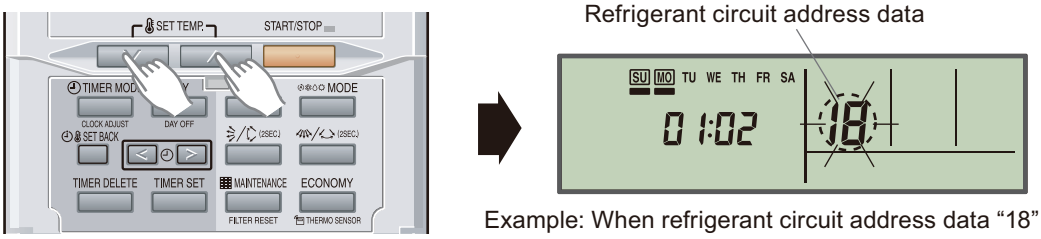

Example: When remote controller address “01” is selected

2. Display the function number “02” by pressing the SET TIME “<” button or SET TIME “>” button.



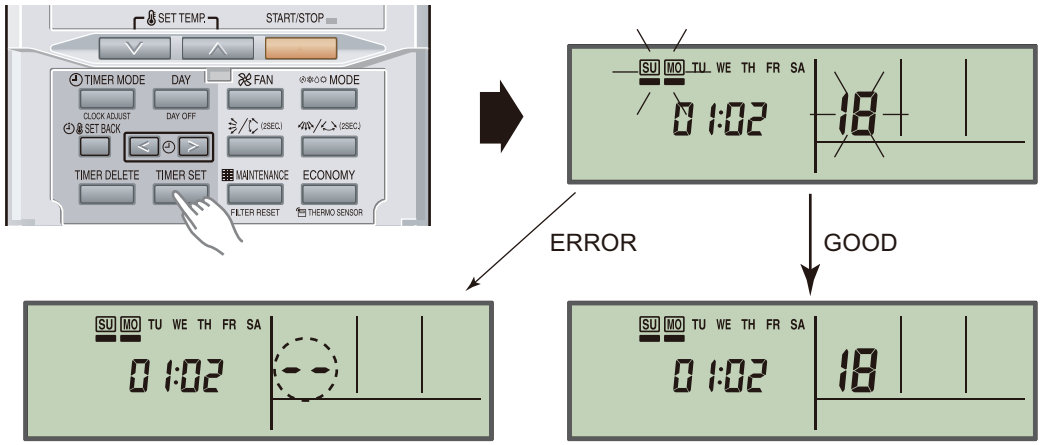

<: Down button
>: Up button

3. Set up the refrigerant system address by pressing the SET TEMP. “∨” or the SET TEMP. “∧” button. (The setting range is from “00” to “99”.)




Example: When refrigerant circuit address data “18” is set up

4. Confirm the selected refrigerant system address data by pressing the TIMER SET button. The data will be transferred to the indoor unit.




- When the address data is properly set up on the indoor unit, the flashing of the number stops and the set number will be displayed. (GOOD)
- When the address data is not set up correctly, “- -” is displayed. (ERROR) Back to the previous step and set up the indoor unit address data again.


FUNCTION SETTINGS

## ● Completion of setting mode

To exit the setting mode and return to the regular display, hold down the 3 buttons of SET TEMP. "﹀", SET TEMP. "﹀", and FAN at the same time.

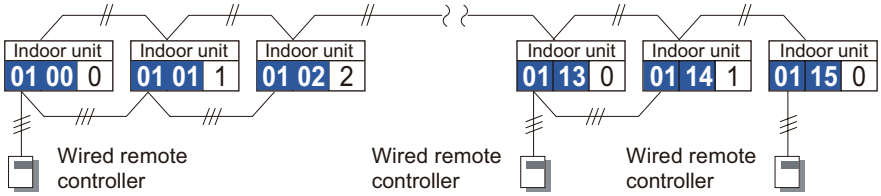
If there is no key entry for 60 seconds, even though none of the above buttons is pressed, the setting mode will be cleared automatically.

If the setting mode is automatically cleared during setting, you need to enter the setting mode again by performing the procedure in "Entering setting mode" on page 07-48.

## ● Setting up each indoor unit

Setting must be performed on each indoor unit requiring address setting by repeating following procedures:

- "Preparation" on page 07-47
- "Entering setting mode" on page 07-48
- "Indoor unit address setting" on page 07-49
- "Refrigerant system address setting" on page 07-50
- "Completion of setting mode" on page 07-51




## ● Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

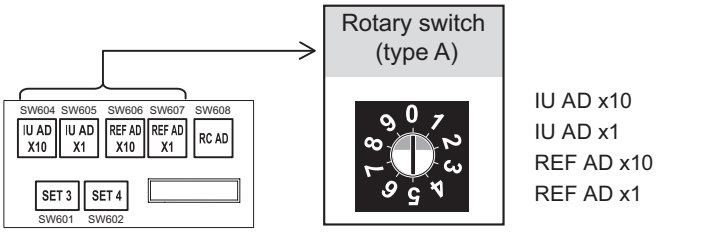

FUNCTION SETTINGS

# ■ Address setting by simple remote controller (UTY-RSR∗, UTY-RHR∗)

- Indoor unit addresses and refrigerant system address can be set up using wired remote controllers.
- This function allows setting the addresses of all indoor units to which a wired remote controller is being connected.
- This function cannot be used to set up remote controller addresses.
  Be sure to set them up using the rotary switches on the PCB of each indoor unit. (Refer to "Manual address setting method" on page 07-11.)
- This function cannot be used on the subordinate units.
- This function can be set up on both UTY-RSR∗ (with operation mode) and UTY-RHR∗ (without operation mode) types.

## ● Preparation

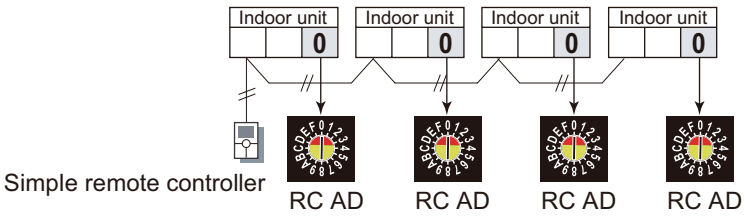
1. Make sure that all indoor unit address switches (IU AD x10, IU AD x1) and refrigerant system address switches (REF AD x10, REF AD x1) on the PCB of each indoor unit are set at 0 (factory setting).
   The layout of the switches differs by the type of the indoor unit. For the details, refer to "Setting on indoor unit PCB" on page 07-100.




Check the switch position is set at “0”.
(Factory setting)

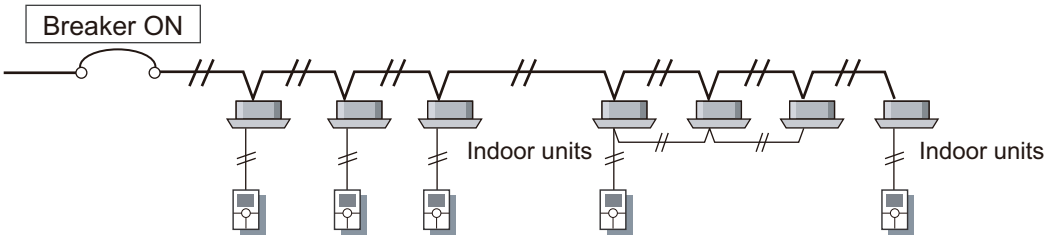
2. If multiple indoor units are connected to a single wired remote controller, set up the remote controller address with “Automatic address setting”.

**Example: When 4 indoor units are connected**




3. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

4. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.

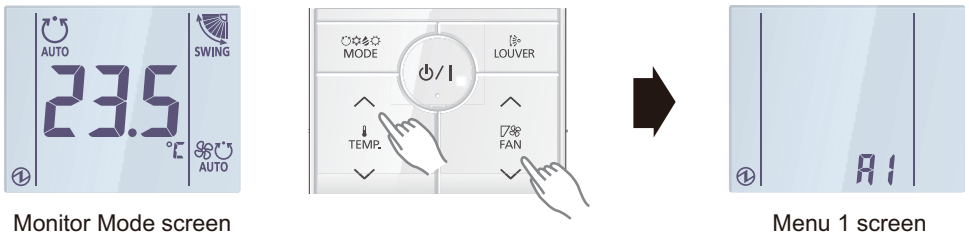




FUNCTION SETTINGS

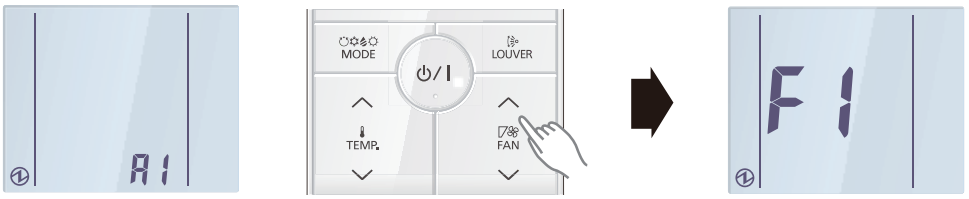
## ● Entering setting mode

1. While displaying Monitor Mode screen, press and hold the TEMP. "∧" button and FAN "∨" button at the same time for 2 seconds or longer. Menu 1 screen will be displayed.




Monitor Mode screen　　Menu 1 screen

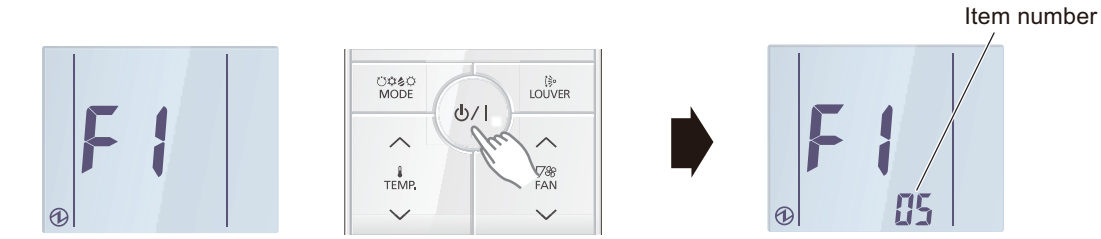
2. While displaying the Menu 1 screen, press and hold the FAN "∧" button for 2 seconds or longer. Setting mode selection screen will be displayed.




Menu 1 screen　　Setting mode selection screen

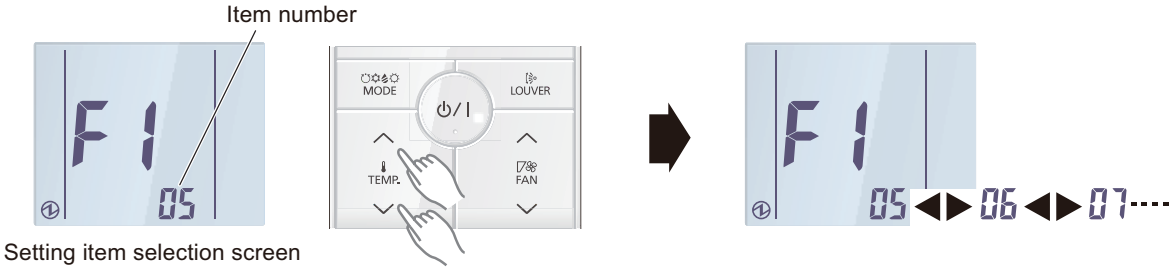
3. Press the TEMP. "∧" or TEMP. "∨" button to select "F1" (Menu 2-F1) settings mode or F2 (Menu 2-F2) settings mode.
   - F1: Initial settings mode
   - F2: Maintenance settings mode

4. While displaying the settings mode selection screen, press START/STOP⏻/I button. Setting item selection screen with item number will be displayed.




Setting mode selection screen　　Setting item selection screen

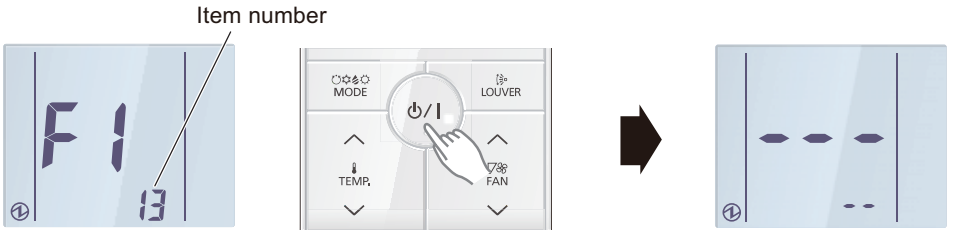
5. While displaying the setting item selection screen with item number, press the TEMP. "∧" or TEMP. "∨" button to select the item number "13".




Setting item selection screen


FUNCTION SETTINGS

6. After adjusting the item number to “13” in Menu 2-F1 settings, press the START/STOP⏻/I button to switch to the function setting screen.




Setting item selection screen

Function setting screen

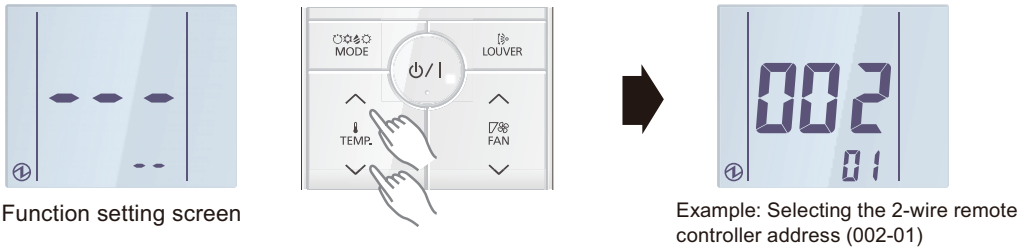
**RELATED LINKS**

"Indoor unit address setting" on page 07-54
"Refrigerant system address setting" on page 07-56
"Indoor unit function setting" on page 07-131

## ● Indoor unit address setting

**NOTE:** Perform this setting on the primary remote controller.

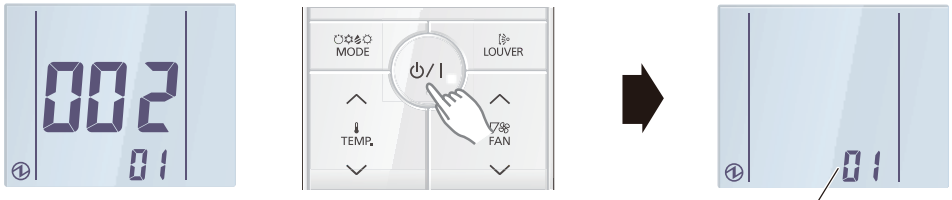
1. While displaying the function setting screen, press the TEMP. “^” or TEMP. “v” button to select the 2-wire remote controller address.




Function setting screen

Example: Selecting the 2-wire remote controller address (002-01)

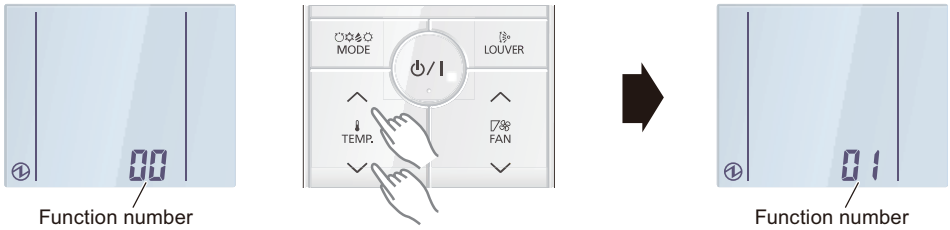
2. Press the START/STOP⏻/I button to switch to the function number setting.




Example: Selecting the 2-wire remote controller address

Function number

3. Press the TEMP. “^” or TEMP. “v” button to adjust the function number.



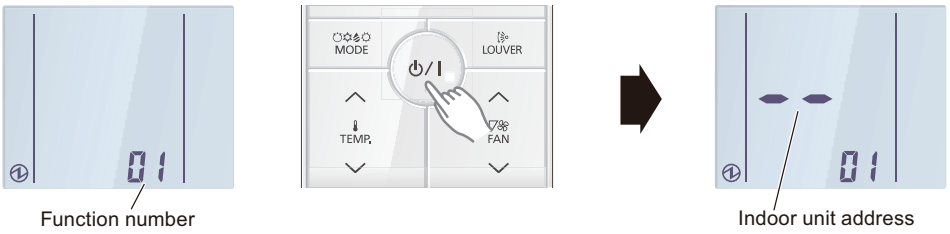

Function number

Function number

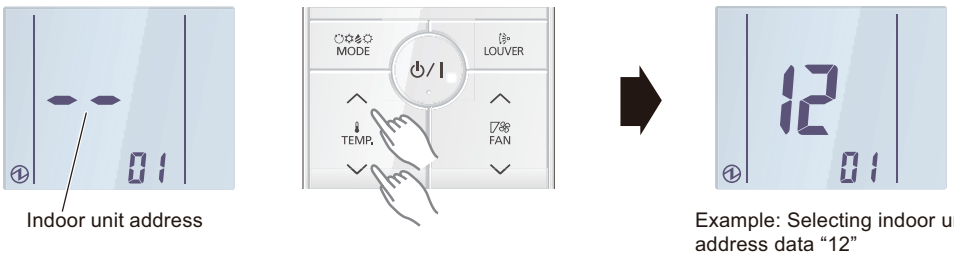


FUNCTION SETTINGS

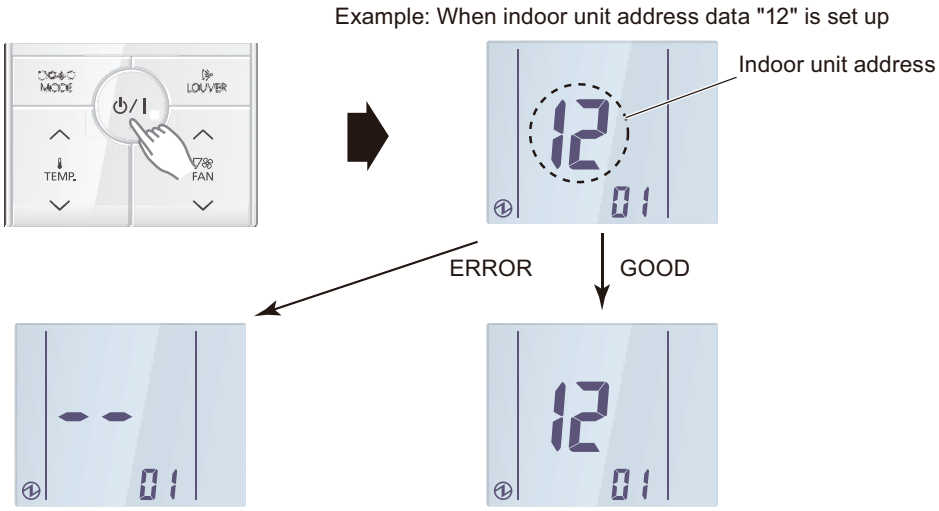
4. Press the START/STOP⏻/I button to switch to the indoor unit address setting.




5. Press the TEMP. "∧" or TEMP. "∨" button to adjust the indoor unit address number.

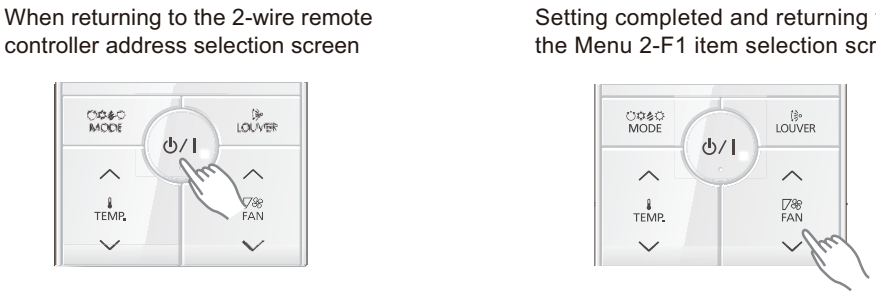



6. Confirm the selected indoor unit address data by pressing the START/STOP⏻/I button. The data will be transferred to the indoor unit.




- When the address data is properly set up on the indoor unit, the set number will be displayed. (GOOD)
- When the address data is not set up correctly, "- -" is displayed. (ERROR) Back to the previous step and set up the indoor unit address data again.

7. To return to the 2-wire remote controller address selection screen, press the START/STOP⏻/I button. If setting has been completed, press FAN "∨" button to return to the Menu 2-F1 item selection screen.



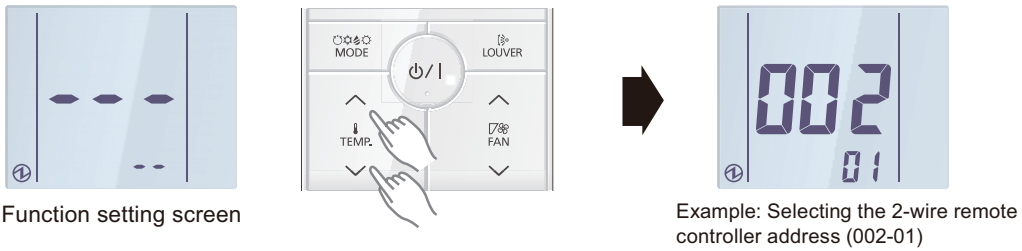


FUNCTION SETTINGS

## ● Refrigerant system address setting

**NOTE:** Perform this setting on the primary remote controller.

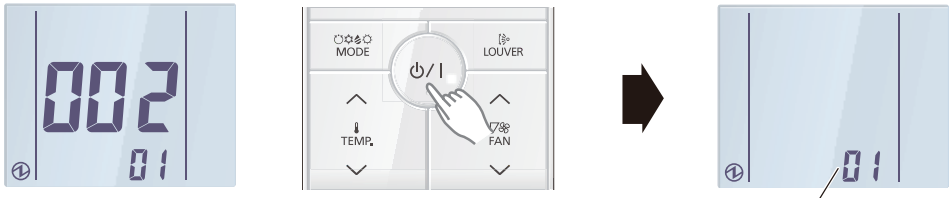
1. While displaying the function setting screen, press the TEMP. "∧" or TEMP. "∨" button to select the 2-wire remote controller address.




Function setting screen

Example: Selecting the 2-wire remote controller address (002-01)

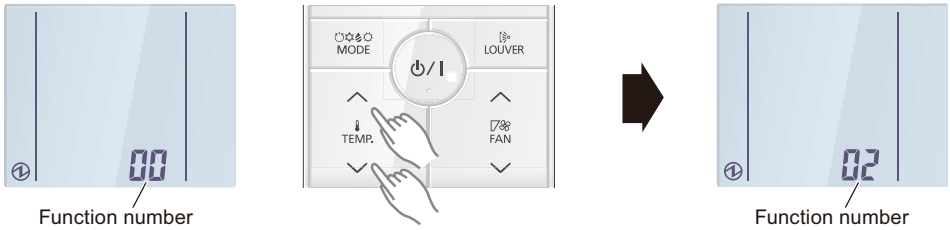
2. Press the START/STOP⏻/I button to switch to the function number setting.




Example: Selecting the 2-wire remote controller address

Function number

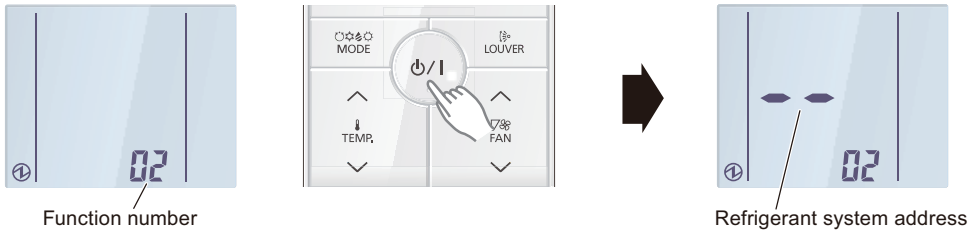
3. Press the TEMP. "∧" or TEMP. "∨" button to adjust the function number.




Function number

Function number

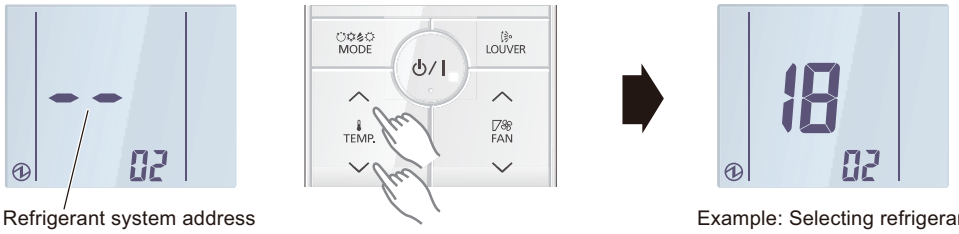
4. Press the START/STOP⏻/I button to switch to the refrigerant system address setting.




Function number

Refrigerant system address

5. Press the TEMP. "∧" or TEMP. "∨" button to adjust the refrigerant system address number.




Refrigerant system address

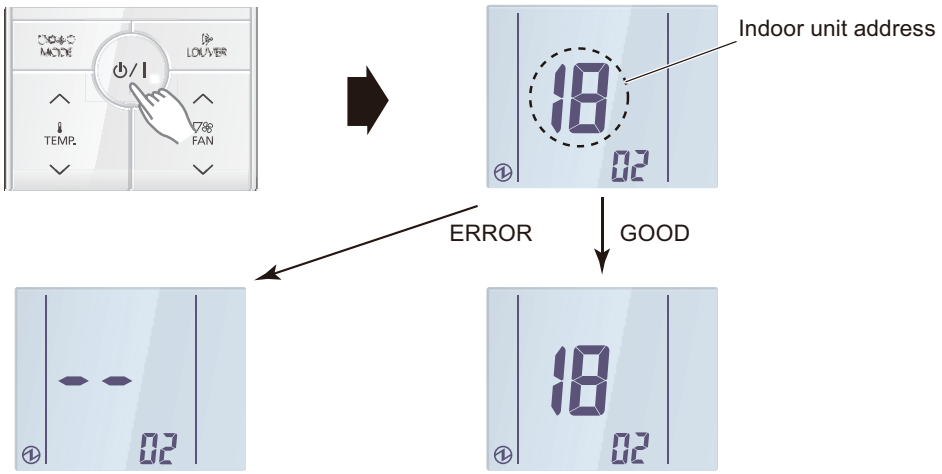
Example: Selecting refrigerant circuit address data "18"

FUNCTION SETTINGS

FUNCTION SETTINGS

6. Confirm the selected refrigerant system address data by pressing the START/STOP⏻/I button. The data will be transferred to the indoor unit.

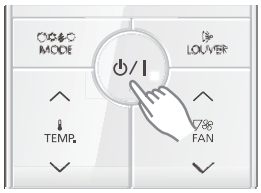
Example: When refrigerant system address data "18" is set up



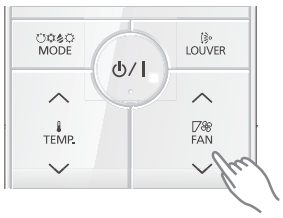

- When the address data is properly set up on the indoor unit, the set number will be displayed. (GOOD)
- When the address data is not set up correctly, "- -" is displayed. (ERROR) Back to the previous step and set up the indoor unit address data again.

7. To return to the 2-wire remote controller address selection screen, press the START/STOP⏻/I button. If setting has been completed, press FAN "⌄" button to return to the Menu 2-F1 item selection screen.

When returning to the 2-wire remote controller address selection screen




Setting completed and returning to the Menu 2-F1 item selection screen




## ● Completion of setting mode

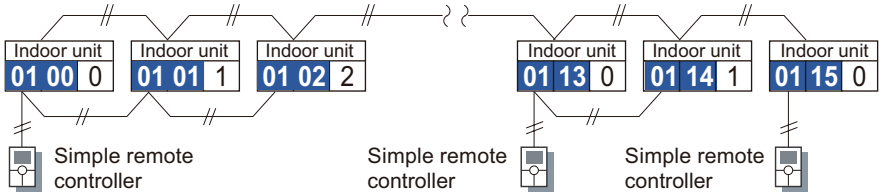
1. To exit the setting mode and return to the Menu 1 item selection screen, press and hold the FAN "⌃" button for 2 seconds or longer.
2. To return to the Monitor Mode screen, press and hold the TEMP. "⌃" button and FAN "⌄" button at the same time for 2 seconds or longer.


FUNCTION SETTINGS

## ● Setting up each indoor unit

Setting must be performed on each indoor unit requiring address setting by repeating following procedures:

- "Preparation" on page 07-52
- "Entering setting mode" on page 07-53
- "Indoor unit address setting" on page 07-54
- "Refrigerant system address setting" on page 07-56




## ● Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

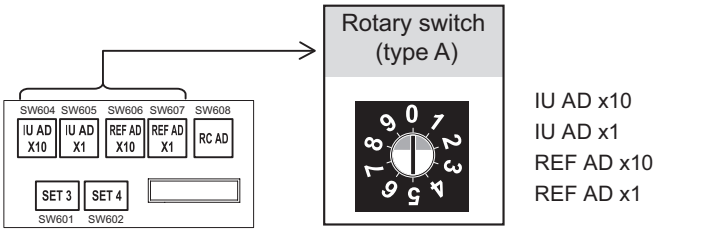

FUNCTION SETTINGS

# ■ Address setting by simple remote controller (UTY-RSK∗, UTY-RHK∗)

- Indoor unit addresses and refrigerant system address can be set up using wired remote controllers.
- This function allows setting the addresses of all indoor units to which a wired remote controller is being connected.
- This function cannot be used to set up remote controller addresses.
  Be sure to set them up using the rotary switches on the PCB of each indoor unit. (Refer to "Manual address setting method" on page 07-11.)
- This function cannot be used on the subordinate units.
- This function can be set up on both UTY-RSK∗ (with operation mode) and UTY-RHK∗ (without operation mode) types.

## ● Preparation

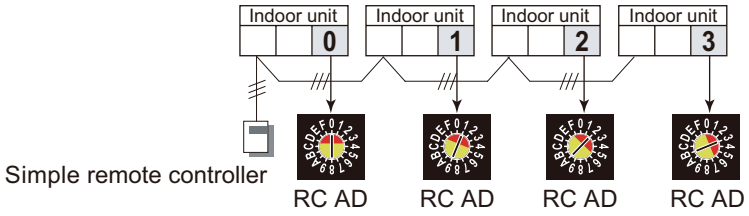
1. Make sure that all indoor unit address switches (IU AD x10, IU AD x1) and refrigerant system address switches (REF AD x10, REF AD x1) on the PCB of each indoor unit are set at 0 (factory setting).
   The layout of the switches differs by the type of the indoor unit. For the details, refer to "Setting on indoor unit PCB" on page 07-100.




Check the switch position is set at “0”. (Factory setting)

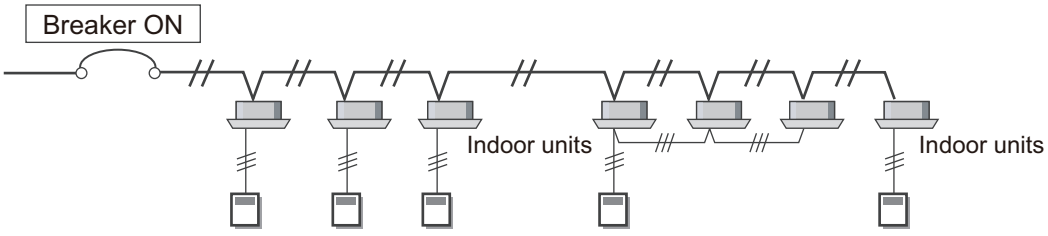
2. If multiple indoor units are connected to a single simple remote controller, set up the remote controller address (RC AD) manually on the indoor units PCBs by referring "Manual address setting method" on page 07-11.

**Example: When 4 indoor units are connected**




3. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

4. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.



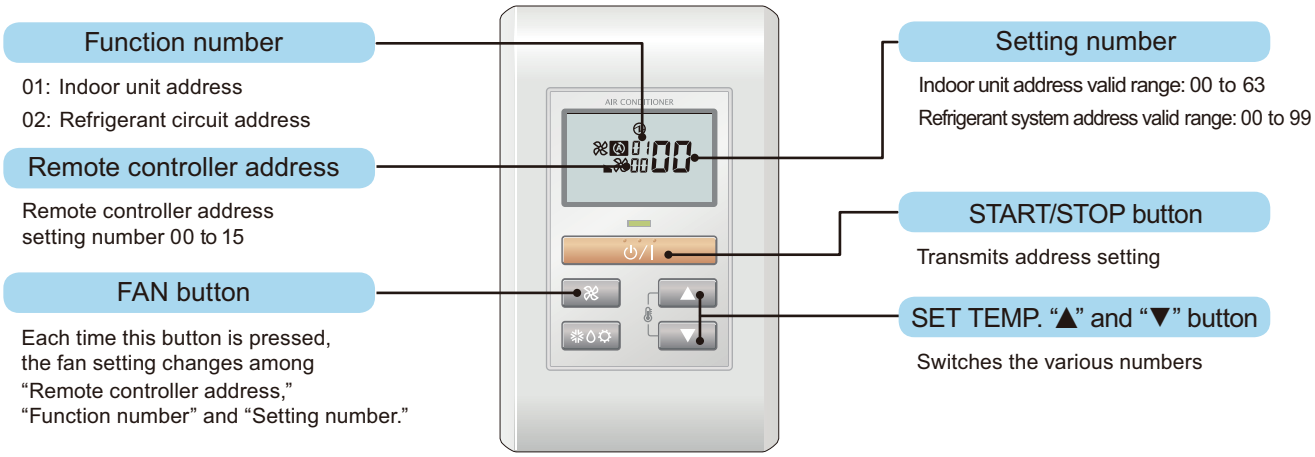


FUNCTION SETTINGS

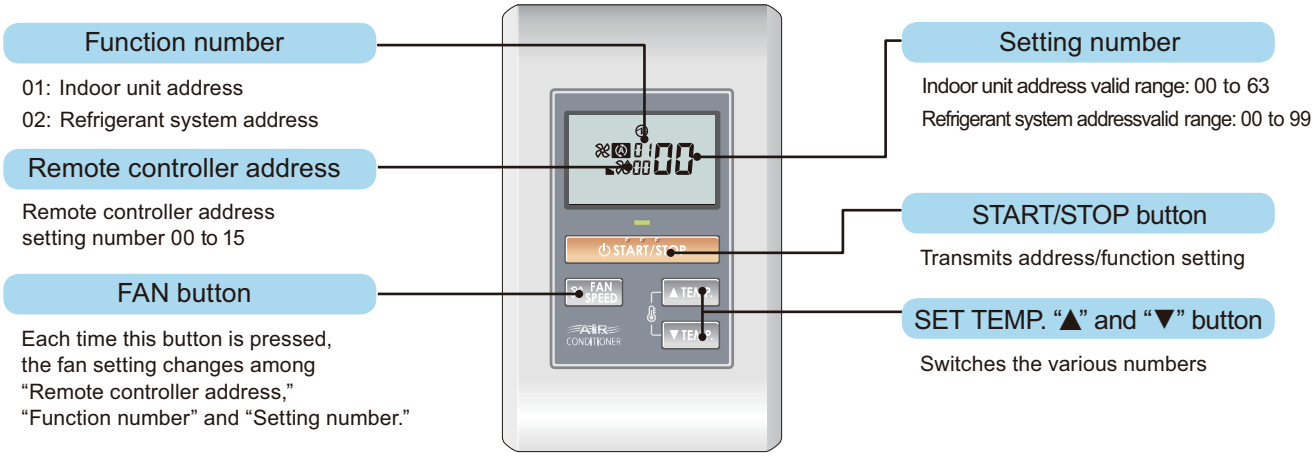
## ● Button name and function

Address code or function indicator on the remote controller is as shown in the figures below.

- For an outline of the address setting, refer to "Address setting" on page 07-4.
- For the details of function number and setting number used for the function setting, refer to "Function details" on page 07-147.
- It does not matter whether the refrigerant system address or indoor unit address is set first. (The method shown here sets the indoor unit address first.)
- During address setting mode, indoor unit reject the any operation command from remote controller.




UTY-RSK* (With operation mode)




UTY-RHK* (Without operation mode)

FUNCTION SETTINGS

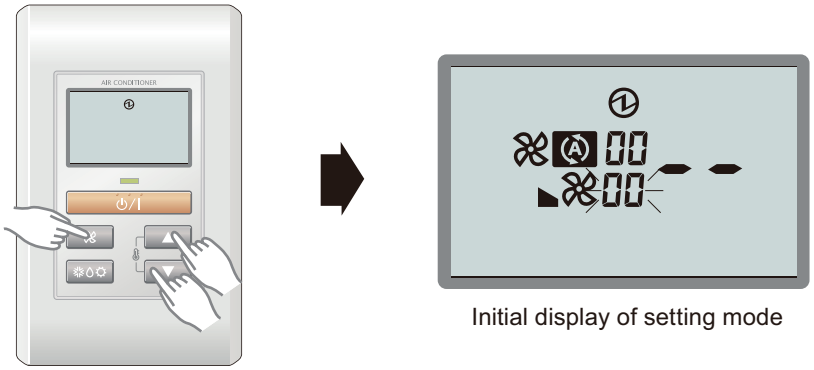
FUNCTION SETTINGS

**RELATED LINKS**

"Indoor unit (setting by UTY-RSK∗, UTY-RHK∗)" on page 07-133

## ● Entering setting mode

Hold down the 3 buttons of SET TEMP. "▲", SET TEMP. "▼", and FAN at the same time for 5 seconds or longer. The setting mode will be activated.



Initial display of setting mode

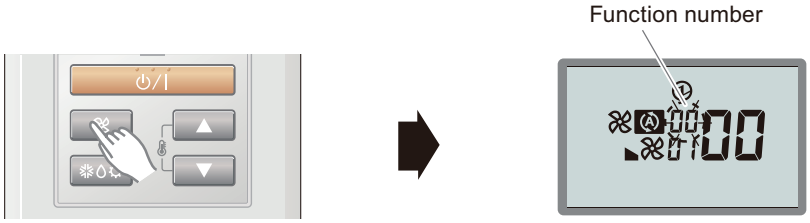
## ● Indoor unit address setting

1. In initial display of the setting mode, by pressing SET TEMP. "▲" button or SET TEMP. "▼" button, select a remote controller address. (Select the indoor unit you want to operate.)

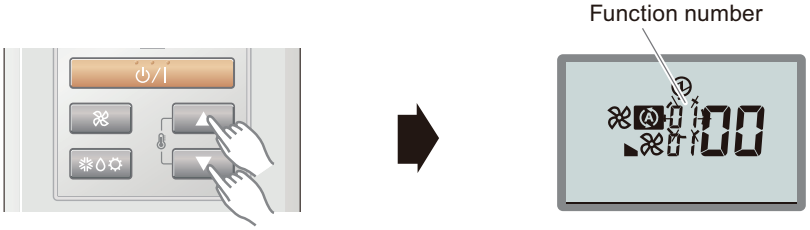
Initial display of address setting mode

Example: When remote controller address "01" is selected

2. Press the FAN button. "Function number" indicator flashes.

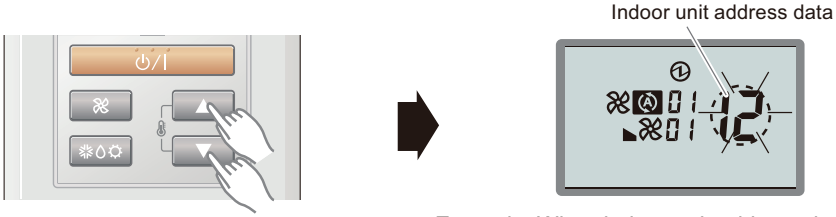



3. Display the function number "01" by pressing SET TEMP. "▲" button or SET TEMP. "▼" button.




4. Press the FAN button. "Setting number" indicator flashes.

5. Set up the indoor unit address data by pressing SET TEMP. "▲" button or SET TEMP. "▼" button. (Setting range is from "00" to "63".)

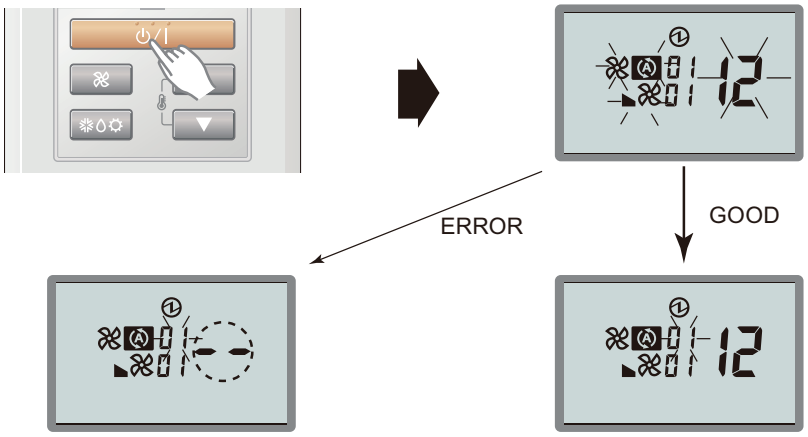



Example: When indoor unit address data "12" is set

FUNCTION SETTINGS

FUNCTION SETTINGS

6. Confirm the selected indoor unit address data by pressing the START/STOP⏻/I button. The data will be transferred to the indoor unit.

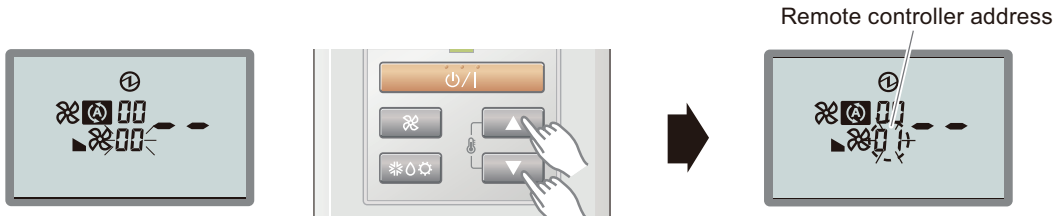



- When the address data is properly set up on the indoor unit, the set number will be displayed. (GOOD)
- When the address data is not set up correctly, "- -" is displayed. (ERROR) Back to the previous step and set up the indoor unit address data again.

## ● Refrigerant system address setting

**NOTE:** Perform this setting on the primary remote controller.

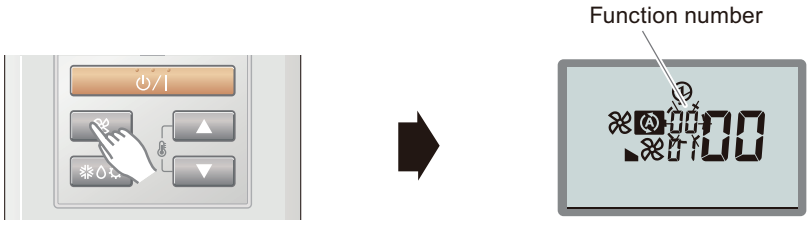
1. In initial display of the address setting mode, by pressing SET TEMP. "▲" button or SET TEMP. "▼" button, select a remote controller address. (Select the indoor unit you want to operate.)
   If the indoor unit you want to operate has already been selected, skip this step.



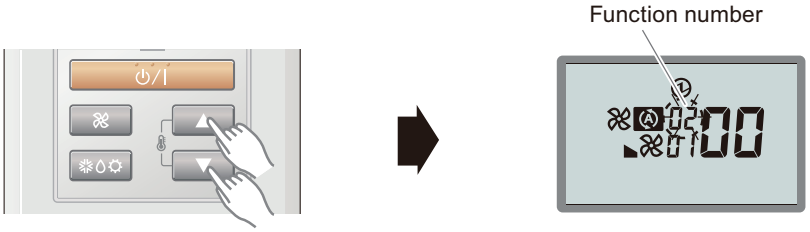

Initial display of address setting mode

Example: When remote controller address "01" is selected

2. Press the FAN button. "Function number" indicator flashes.




3. Display the function number "02" by pressing SET TEMP. "▲" button or SET TEMP. "▼" button.

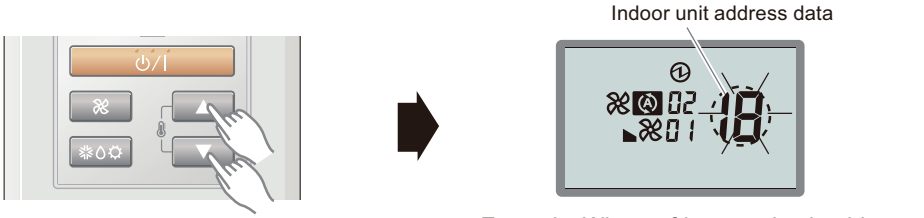




FUNCTION SETTINGS

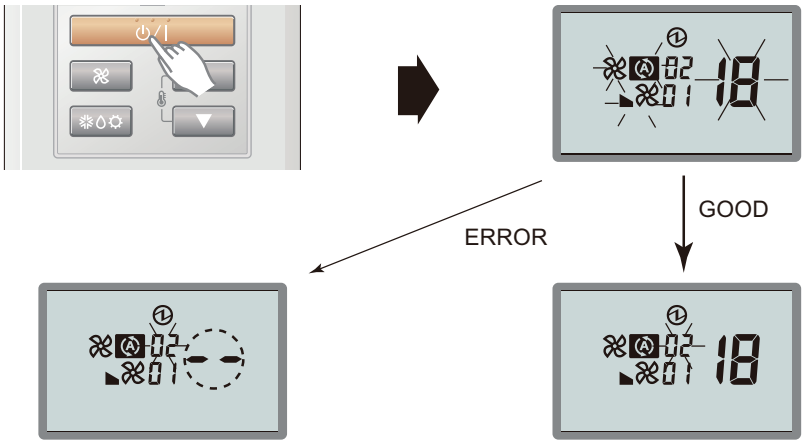
4. Press the FAN button. “Setting number” indicator flashes.

5. Set up the refrigerant system address data by pressing SET TEMP. “▲” button or SET TEMP. “▼” button. (Setting range is from “00” to “99”.)




Example: When refrigerant circuit address data “12” is set

6. Confirm the selected refrigerant system address data by pressing the START/STOP⏻/I button. The data will be transferred to the indoor unit.




- When the address data is properly set up on the indoor unit, the set number will be displayed. (GOOD)
- When the address data is not set up correctly, “- -” is displayed. (ERROR) Back to the previous step and set up the indoor unit address data again.



FUNCTION SETTINGS

## ● Completion of setting mode

To exit the setting mode and return to the regular display, hold down the 3 buttons of SET TEMP. "▲", SET TEMP. "▼", and FAN at the same time for 5 seconds or longer.

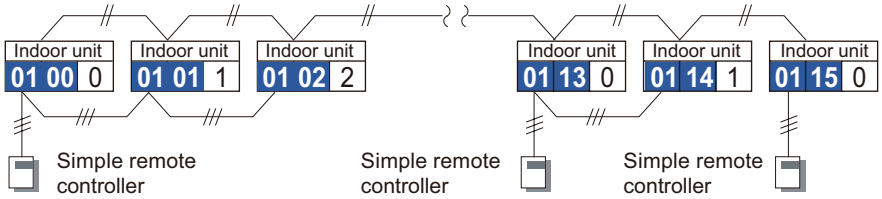
If there is no key entry for 60 seconds, even though none of the above buttons is pressed, the setting mode will be cleared automatically.

If the setting mode is automatically cleared during setting, you need to enter the setting mode again by performing the procedure in "Entering setting mode" on page 07-60.

## ● Setting up each indoor unit

Setting must be performed on each indoor unit requiring address setting by repeating following procedures:

- "Preparation" on page 07-59
- "Entering setting mode" on page 07-60
- "Indoor unit address setting" on page 07-61
- "Refrigerant system address setting" on page 07-62




## ● Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

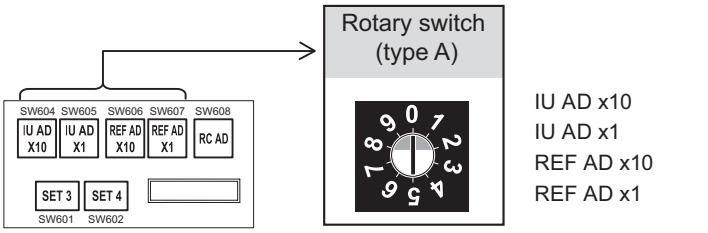

FUNCTION SETTINGS

# ■ Address setting by Wired Remote Controller (Touch Panel) (UTY-RVR∗)

- Indoor unit addresses and refrigerant system address can be set up using wired remote controllers.
- This function allows setting the addresses of all indoor units to which a wired remote controller is being connected.
- This function cannot be used to set up remote controller addresses.
  Be sure to set them up using the rotary switches on the PCB of each indoor unit. (Refer to "Manual address setting method" on page 07-11.)
- This function cannot be used on the subordinate units.

## ● Preparation

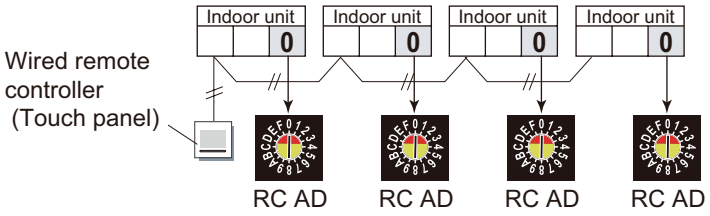
1. Make sure that all indoor unit address switches (IU AD x10, IU AD x1) and refrigerant system address switches (REF AD x10, REF AD x1) on the PCB of each indoor unit are set at 0 (factory setting).
   The layout of the switches differs by the type of the indoor unit. For the details, refer to "Setting on indoor unit PCB" on page 07-100.




Check the switch position is set at “0”. (Factory setting)

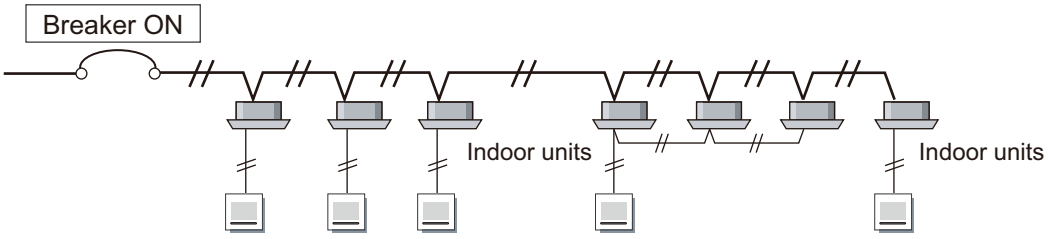
2. If multiple indoor units are connected to a single wired remote controller, set up the remote controller address with “Automatic address setting”.

**Example: When 4 indoor units are connected**




3. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

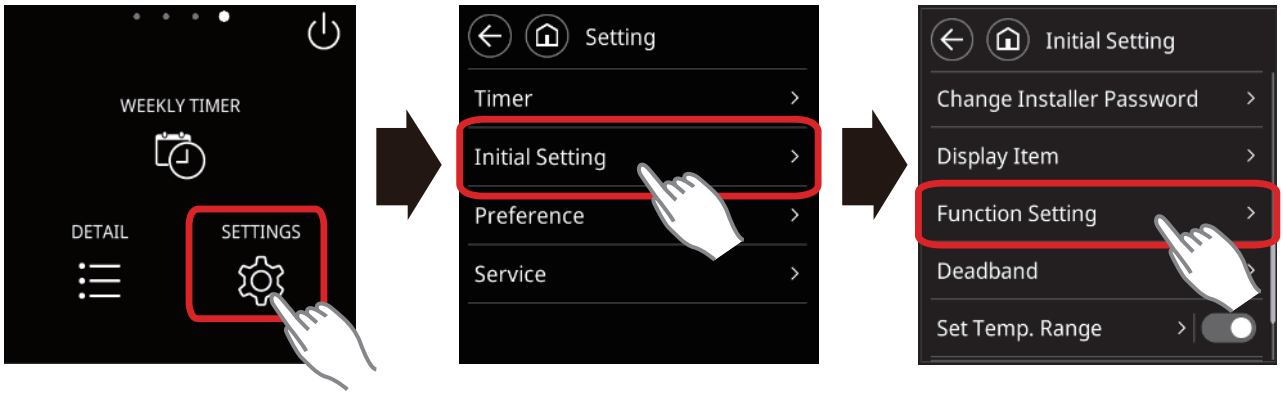
4. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.




FUNCTION SETTINGS

## ● Entering setting mode

When SETTINGS on the other setting screen is touched, the Admin password verification screen is displayed. Enter the password, and touch button.
When Initial Setting on the setting screen is touched, the Installer password verification screen is displayed. Enter the password, and touch button.
Function Setting screen is displayed.

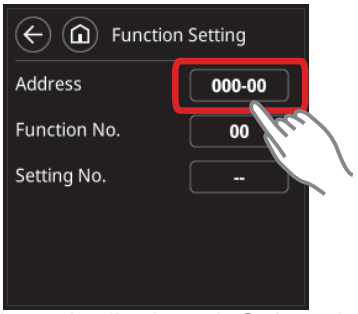



Enter the Admin password.

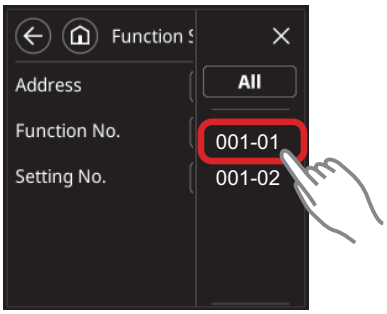
Enter the Installer password.

## ● Indoor unit address setting

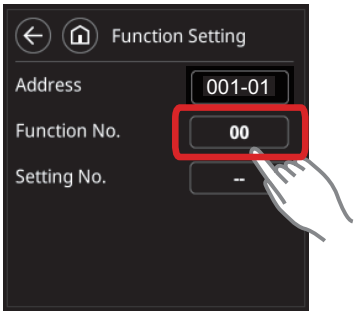
1. Tap “Address” on the Function Setting screen.




2. Pull-down window of indoor unit address is displayed. Select the address of the indoor unit whose function number is to be set.



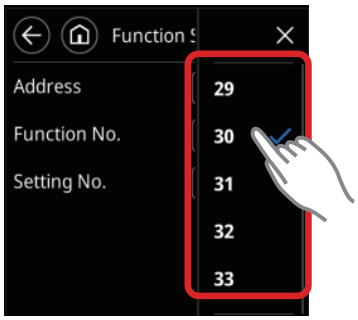

3. Tap “Function No.” on the Function Setting screen.





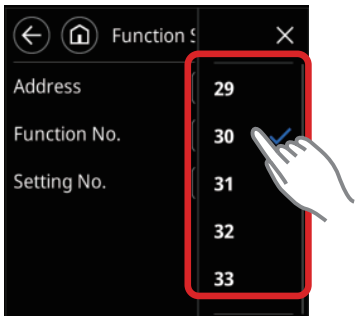

FUNCTION SETTINGS

4. Pull-down window of Function No. is displayed. Set the Function No. “01”.

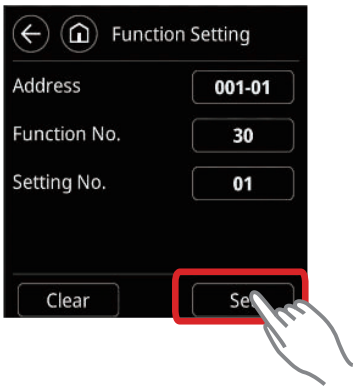



5. Tap “Setting No.” on the Function Setting screen.

6. Pull-down window of “Setting No.” is displayed. Set the Setting No. (Setting range is from “00” to “63”.)




7. Tap “Set” on the verification screen.



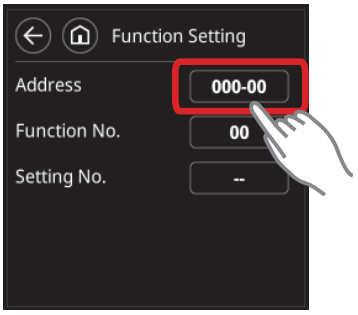

Tap to return to the Initial Setting screen.



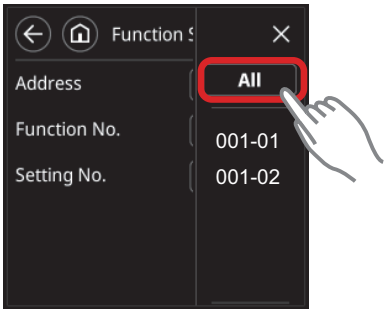
FUNCTION SETTINGS

## ● Refrigerant system address setting

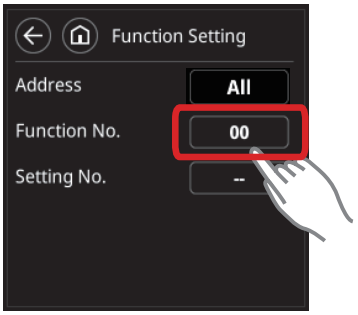
1. Tap “Address” on the Function Setting screen.



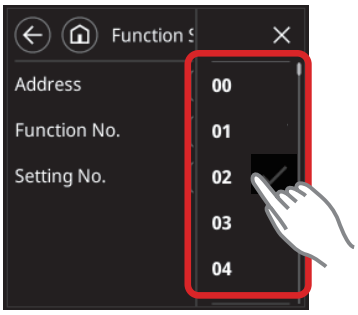

2. Pull-down window of indoor unit address is displayed. Select the address of the indoor unit whose function number is to be set. When setting at all the indoor units, tap “All”.



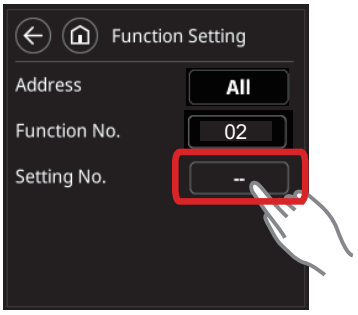

3. Tap “Function No.” on the Function Setting screen.




4. Pull-down window of Function No. is displayed. Set the Function No. “02”.



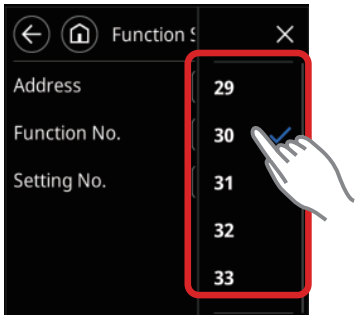

5. Tap “Setting No.” on the Function Setting screen.



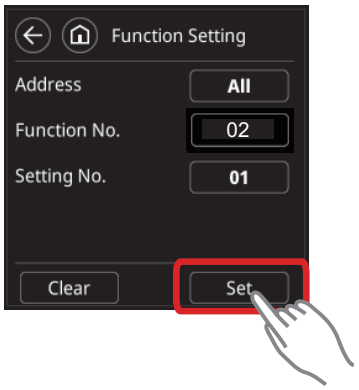



FUNCTION SETTINGS

6. Pull-down window of “Setting No.” is displayed. Set the Setting No. (Setting range is from “00” to “99”.)




7. Tap “Set” on the verification screen.

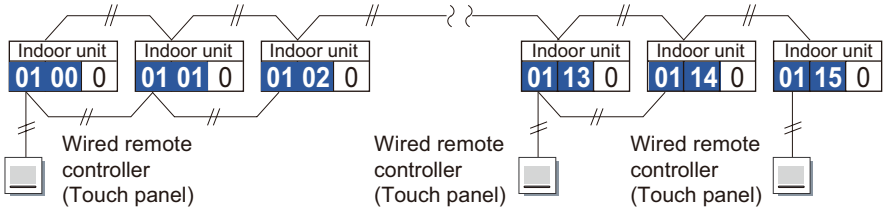



Tap to return to the Initial Setting screen.

## ● Setting up each indoor unit

Setting must be performed on each indoor unit requiring address setting by repeating following procedures.


- "Preparation" on page 07-65
- "Entering setting mode" on page 07-71
- "Indoor unit address setting" on page 07-71
- "Refrigerant system address setting" on page 07-72
- "Completion of setting mode" on page 07-73


## ● Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

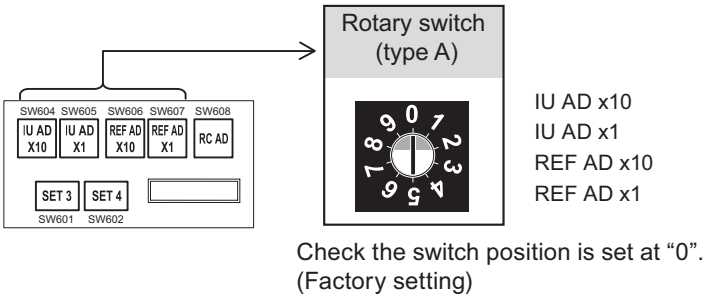

FUNCTION SETTINGS

# ■ Address setting by Wired Remote Controller (Touch Panel) (UTY-RNR∗Z∗)

- Indoor unit addresses and refrigerant system address can be set up using wired remote controllers.
- This function allows setting the addresses of all indoor units to which a wired remote controller is being connected.
- This function cannot be used to set up remote controller addresses.
  Be sure to set them up using the rotary switches on the PCB of each indoor unit. (Refer to "Manual address setting method" on page 07-11.)
- This function cannot be used on the subordinate units.

## ● Preparation

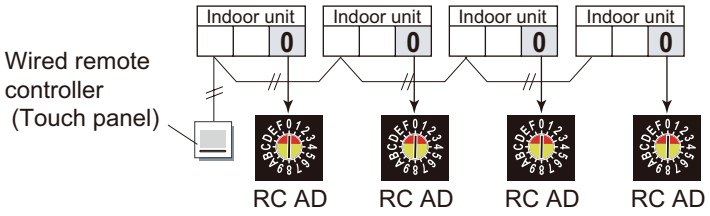
1. Make sure that all indoor unit address switches (IU AD x10, IU AD x1) and refrigerant system address switches (REF AD x10, REF AD x1) on the PCB of each indoor unit are set at 0 (factory setting).
   The layout of the switches differs by the type of the indoor unit. For the details, refer to "Setting on indoor unit PCB" on page 07-100.




Check the switch position is set at “0”. (Factory setting)

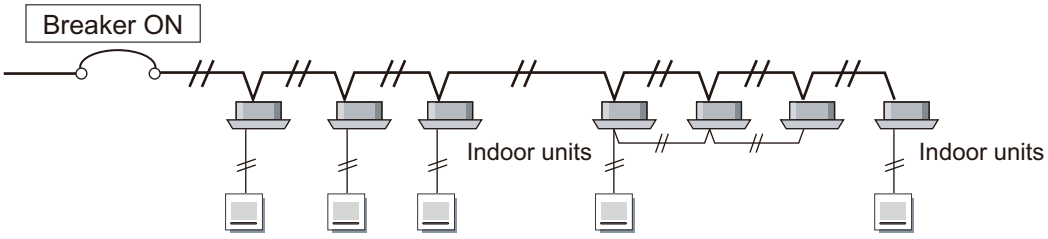
2. If multiple indoor units are connected to a single wired remote controller, set up the remote controller address with “Automatic address setting”.

**Example: When 4 indoor units are connected**




3. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

4. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.

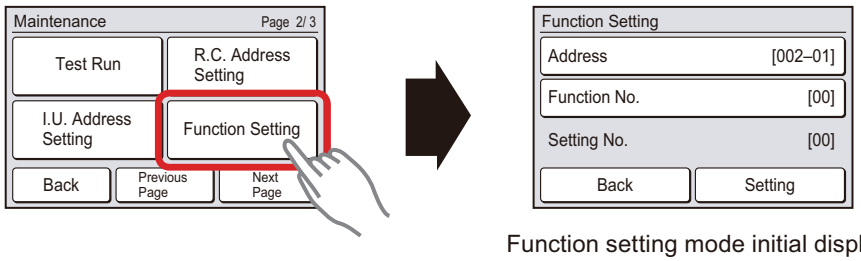



FUNCTION SETTINGS

FUNCTION SETTINGS

## ● Entering setting mode

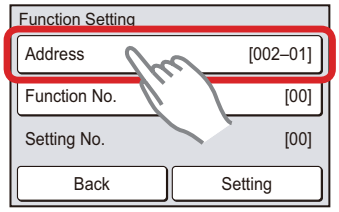
When “Function Setting” on the Maintenance screen is touched, Installer Password Verification screen is displayed.
Enter the Installer Password, and touch “OK”. Function Setting screen is displayed.



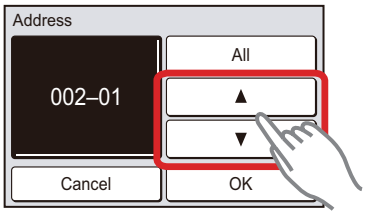

Function setting mode initial display

## ● Indoor unit address setting

1. Touch “Address” on the Function Setting screen.

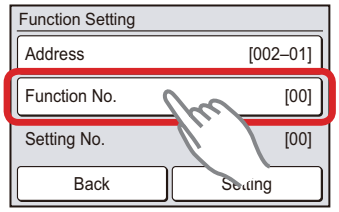



2. Address screen is displayed. Select the address of the indoor unit whose function number is to be set by touching “▲” or “▼”.

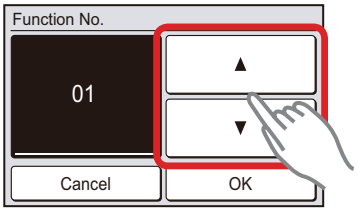



When “OK” is touched, the display returns to the Function Setting screen.

3. Touch “Function No.” on the Function Setting screen.



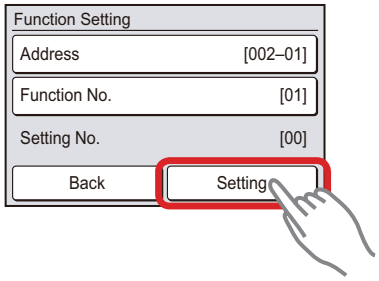

4. Function No. screen is displayed. Set the Function No. “01” by touching “▲” or “▼”.



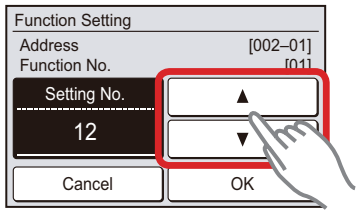

When “OK” is touched, the display returns to the Function Setting screen.


FUNCTION SETTINGS

5. Touch “Setting” on the Function Setting screen.



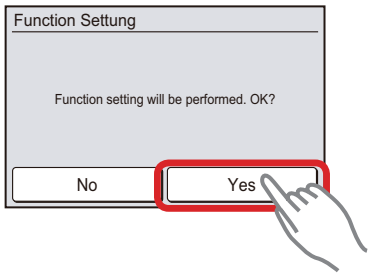

6. Setting screen of “Setting No.” is displayed. Set the Setting No. by touching “▲” or “▼”. (Setting range is from “00” to “63”.)




Example: When indoor unit address data "12" is set

When “OK” is touched, the Function Setting verification screen is displayed.

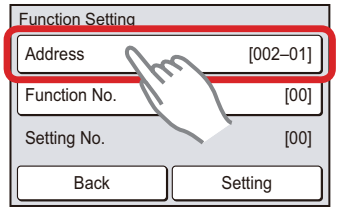
7. Touch “Yes” on the verification screen.



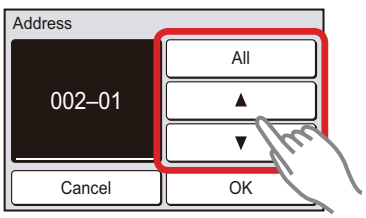

After the Setting screen is displayed, the display returns to the Function Setting screen.

## ● Refrigerant system address setting

1. Touch “Address” on the Function Setting screen.



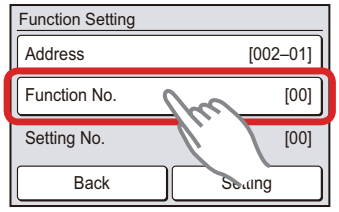

2. Address screen is displayed. Select the address of the indoor unit whose function number is to be set by touching “▲” or “▼”. When setting at all the indoor units, touch “All”.



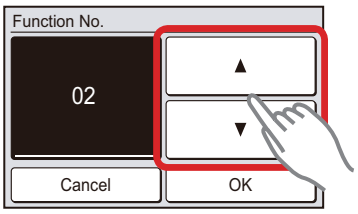

When “OK” is touched, the display returns to the Function Setting screen.


FUNCTION SETTINGS

3. Touch “Function No.” on the Function Setting screen.

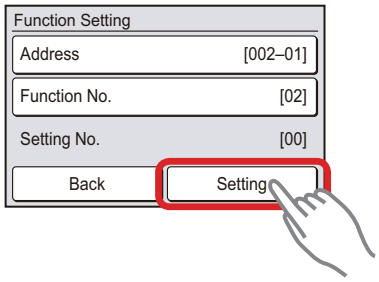



4. Function No. screen is displayed. Set the Function No. “02” by touching “▲” or “▼”.

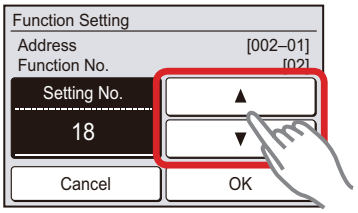



When “OK” is touched, the display returns to the Function Setting screen.

5. Touch “Setting” on the Function Setting screen.



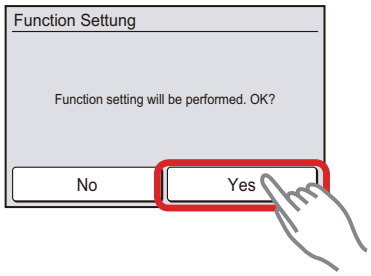

6. Setting screen of “Setting No.” is displayed. Set the Setting No. by touching “▲” or “▼”. (Setting range is from “00” to “99”.)




Example: When refrigerant circuit address data "18" is set

When “OK” is touched, the Function Setting verification screen is displayed.

7. Touch “Yes” on the verification screen.




After the Setting screen was displayed, the display returns to the Function Setting screen.

## ● Completion of setting mode

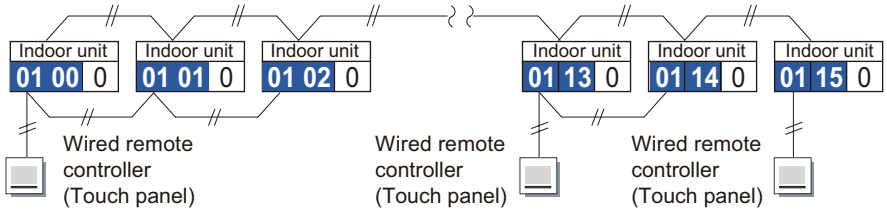
To exit the setting mode and return to the Maintenance screen, touch “Back” on the Function Setting screen.


FUNCTION SETTINGS

## ● Setting up each indoor unit

Setting must be performed on each indoor unit requiring address setting by repeating following procedures.


- "Preparation" on page 07-65
- "Entering setting mode" on page 07-71
- "Indoor unit address setting" on page 07-71
- "Refrigerant system address setting" on page 07-72
- "Completion of setting mode" on page 07-73


## ● Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

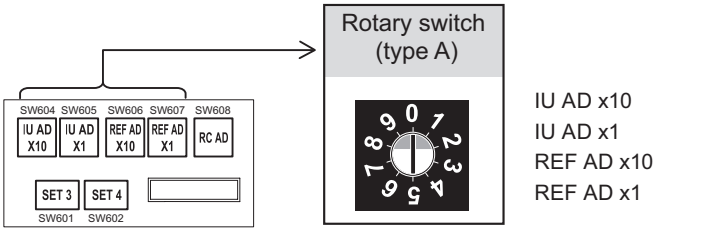

FUNCTION SETTINGS

# ■ Address setting by wired remote controller (UTY-RLR∗)

- Indoor unit addresses and refrigerant system address can be set up using wired remote controllers.
- This function allows setting the addresses of all indoor units to which a wired remote controller is being connected.
- This function cannot be used to set up remote controller addresses.
  Be sure to set them up using the rotary switches on the PCB of each indoor unit. (Refer to "Manual address setting method" on page 07-11.)
- This function cannot be used on the subordinate units.

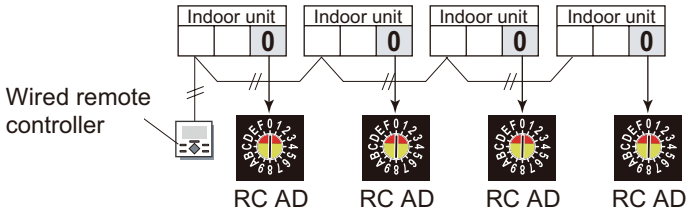
## ● Preparation

1. Make sure that all indoor unit address switches (IU AD x10, IU AD x1) and refrigerant system address switches (REF AD x10, REF AD x1) on the PCB of each indoor unit are set at 0 (factory setting).
   The layout of the switches differs by the type of the indoor unit. For the details, refer to "Setting on indoor unit PCB" on page 07-100.



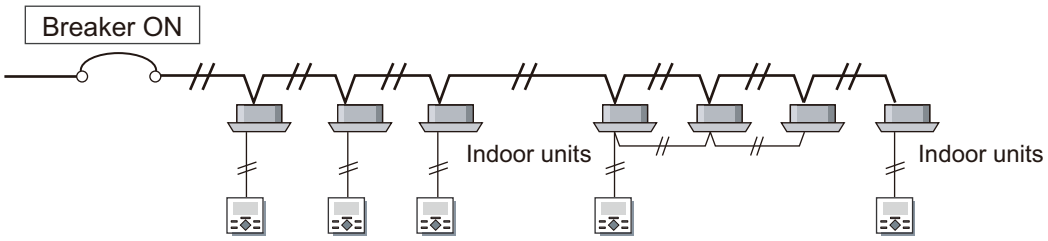

Check the switch position is set at “0”.
(Factory setting)

2. If multiple indoor units are connected to a single wired remote controller, set up the remote controller address with “Automatic address setting”.
   Example: When 4 indoor units are connected




3. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

4. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.

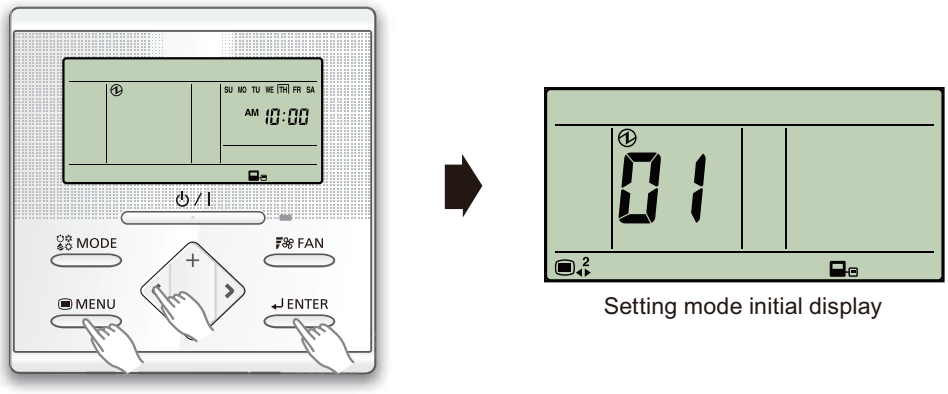




FUNCTION SETTINGS

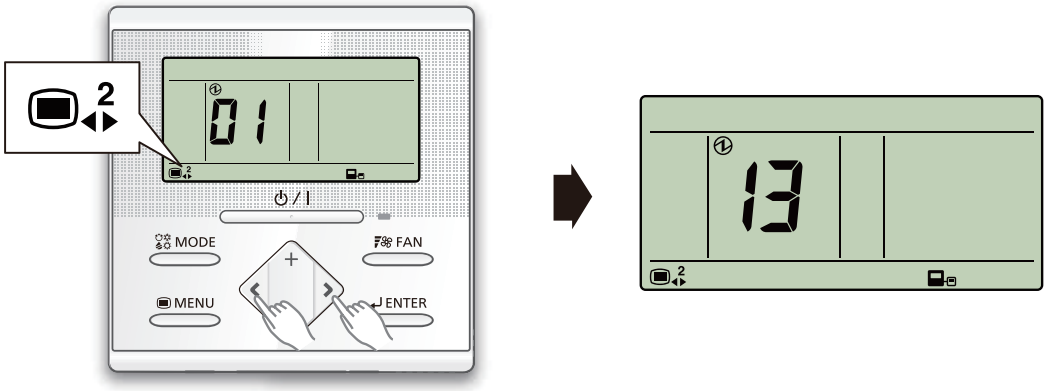
## ● Entering setting mode

1. Press and hold the 3 buttons of MENU, <, and ENTER at the same time for 2 seconds or longer. Initial display of the setting mode will be displayed.

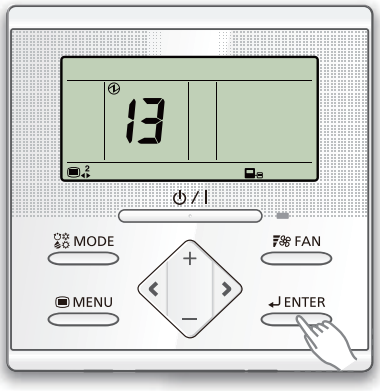



Setting mode initial display

2. In Menu 2 settings, select “13” by pressing < or > button.




3. Press ENTER button.



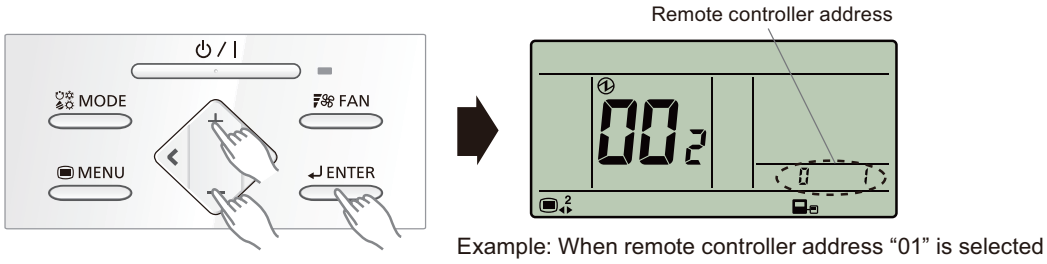



FUNCTION SETTINGS

## ● Indoor unit address setting

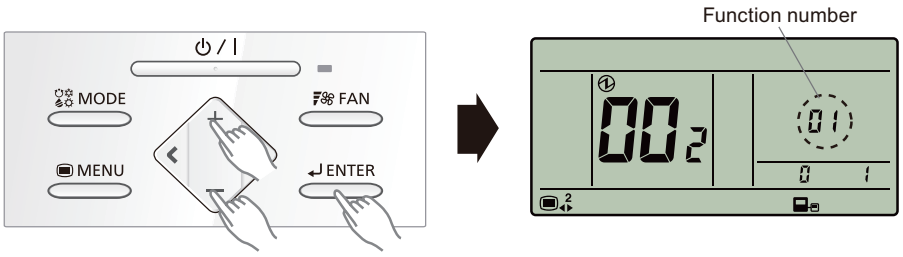
**NOTE:** Perform this setting on the primary remote controller.

1. By pressing the + or - button, select a remote controller address. (Select the indoor unit you want to operate.) Then pres the ENTER button.



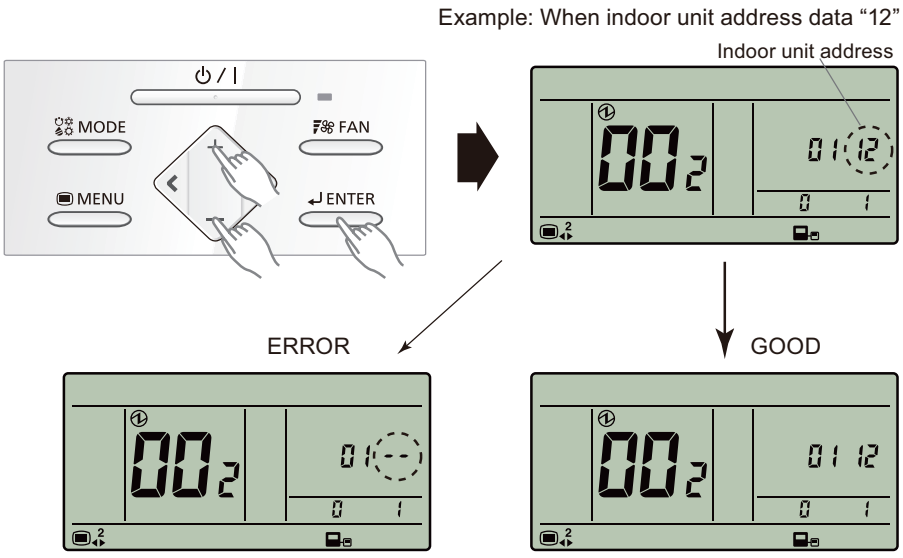

Example: When remote controller address “01” is selected

2. By pressing the + or - button, display function number “01”. Then press the ENTER button.




3. By pressing the + or - button, set up the indoor unit address. (The setting range is from “00” to “63”.)

Example: When indoor unit address data “12” is set up




- When the address data is properly set up on the indoor unit, the set number will be displayed. (GOOD)
- When the address data is not set up correctly, “- -” is displayed. (ERROR) Back to the previous step and set up the indoor unit address data again.

4. To return to the address selection screen, press the ENTER button. If setting has been completed, press MENU button to return to the Menu 2 item selection screen.

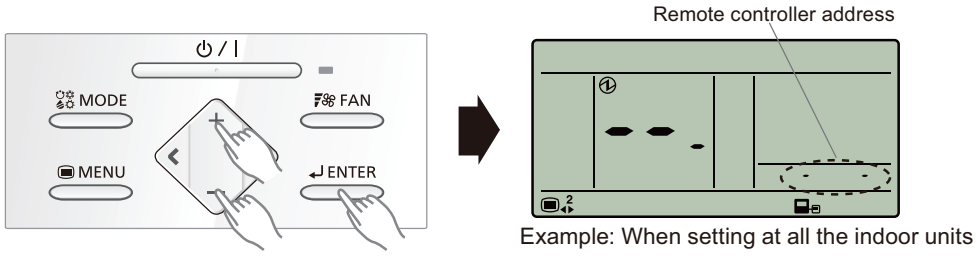


FUNCTION SETTINGS

## ● Refrigerant system address setting

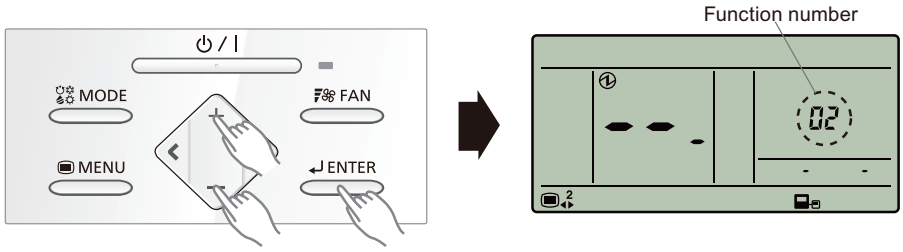
**NOTE:** Perform this setting on the primary remote controller.

1. By pressing the + or - button, select a remote controller address. (Select the indoor unit you want to operate.) Then press the ENTER button.



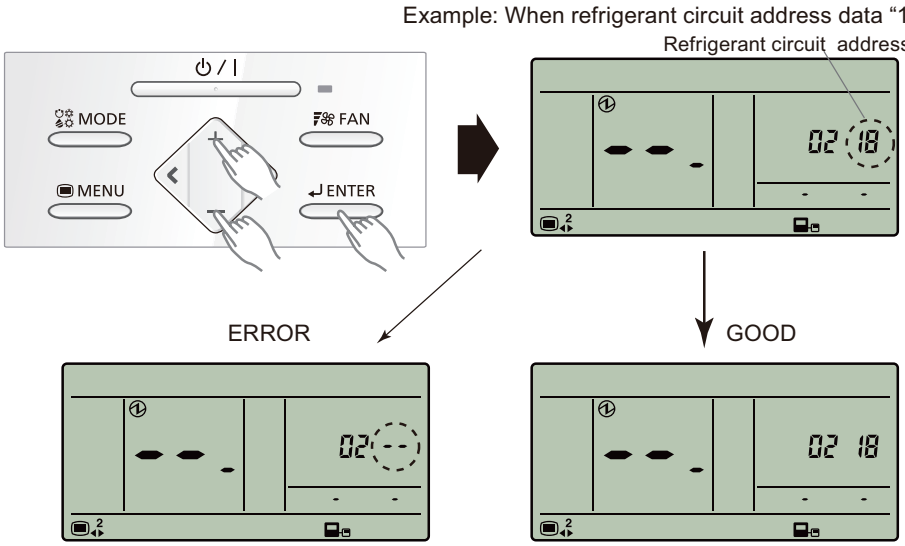

Example: When setting at all the indoor units

2. By pressing the + or - button, display function number “02”. Then press the ENTER button.




3. By pressing the + or - button, set up the refrigerant system address. (The setting range is from “00” to “99”.)

Example: When refrigerant circuit address data “18” is set up




- When the address data is properly set up on the indoor unit, the set number will be displayed. (GOOD)
- When the address data is not set up correctly, “- -” is displayed. (ERROR) Back to the previous step and set up the indoor unit address data again.

4. To return to the address selection screen, press the ENTER button. If setting has been completed, press MENU button to return to the Menu 2 item selection screen.

## ● Completion of setting mode

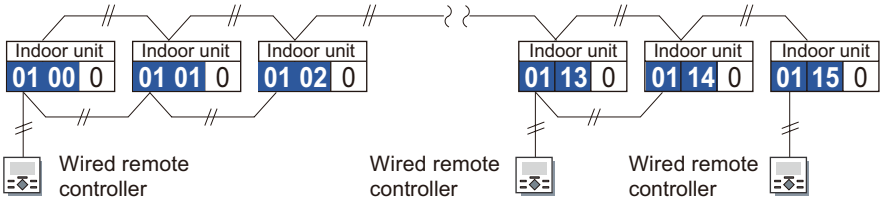
To exit the setting mode and return to the regular display, hold down the 3 buttons of MENU, <, and ENTER at the same time for 2 seconds or longer.


FUNCTION SETTINGS

## ● Setting up each indoor unit

Setting must be performed on each indoor unit requiring address setting by repeating following procedures:


- "Preparation" on page 07-75
- "Entering setting mode" on page 07-76
- "Indoor unit address setting" on page 07-77
- "Refrigerant system address setting" on page 07-78
- "Completion of setting mode" on page 07-78


## ● Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.


FUNCTION SETTINGS

# 1-5. Automatic address setting

The addresses of signal amplifiers and indoor units can be set automatically.

**⚠ CAUTION**

- Mind the following items when performing automatic address setting.
  - The controller cannot be used.
  - Automatic address setting may take about 30 minutes.
  - Emergency stop signal is not accepted.
- When setting addresses of Signal amplifiers, indoor units, and RB units automatically, be sure to always set the addresses in following order:
  1. Signal amplifiers
  2. Indoor units
  3. RB units

## ■ Automatic address setting method

Automatic address setting needs to be performed by following steps mentioned below in order.

| | |
|---|---|
| <Step 1><br>Manual setting of outdoor unit | Refer to the set up procedures in following sections:<br>• "Manual address setting method" on page 07-11<br>• "Terminal resistor setting" on page 07-91 |
| ↓ | |
| <Step 2><br>Turning power on of all units | |
| ↓ | |
| <Step 3><br>Automatic address setting of Signal amplifier | Refer to the set up procedure in following section:<br>"Automatic address setting of Signal Amplifier" on page 07-83 |
| ↓ | |
| <Step 4><br>Automatic address setting of indoor unit | Refer to the set up procedure in following section:<br>"Automatic address setting of indoor unit" on page 07-85 |
| ↓ | |
| <Step 5><br>Automatic address setting of RB unit | Refer to the set up procedure in following section:<br>"Automatic address setting of RB unit" on page 07-87 |

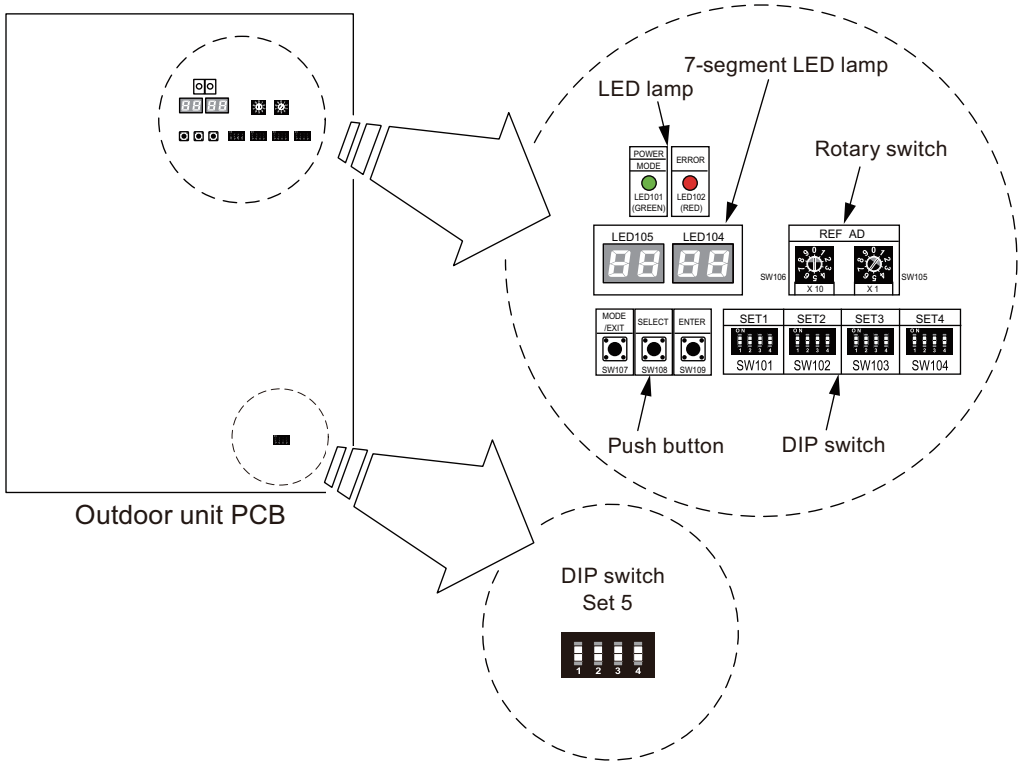


FUNCTION SETTINGS

# ■ Components location

Components related to automatic address setting are located on the outdoor unit PCB.

Set the functions of an outdoor unit with the push buttons (SW107, SW108, and SW109) while observing the 7-segment LED lamps (LED105 and LED104) on the PCB.




**NOTE:** For details of DIP switch set 5, refer to "Terminal resistor setting" on page 07-91.

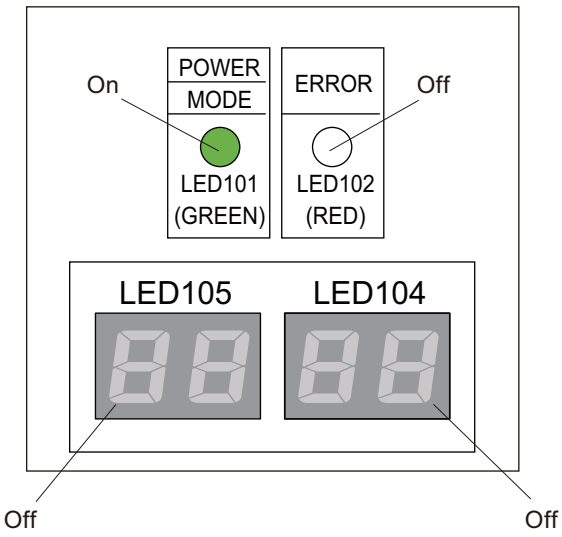


FUNCTION SETTINGS

# ■ Preparation

Before performing the setting, be sure to conducting necessary preparations.

1. Make sure that the operation of the outdoor unit has stopped (if it is still running, stop the operation), and turn off the power.
2. Remove the front panel of the outdoor unit.
3. Remove the lid of the electrical component box to expose the PCB.
4. Turn on the power of the outdoor unit. When the system is operated normally, the indicator lamps may light as in following figure:




- Make sure that the POWER/MODE indicator lamp (LED101) is on and the ERROR indicator lamp (LED102) is off.
- If there is a system error, the ERROR indicator lamp (LED102) flashes. Check the wiring and power supply. After confirming the ERROR indicator lamp (LED102) has turned off, proceed to the setting procedure.

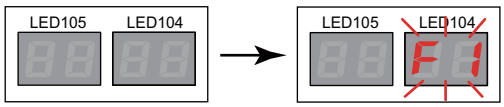

FUNCTION SETTINGS

# ■ Automatic address setting of Signal Amplifier

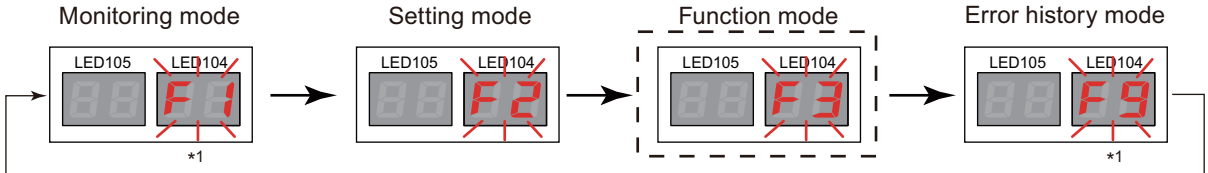
**⚠ CAUTION**

- This function can be used for a maximum of 8 Signal Amplifiers installed within a same refrigerant system.
- Perform this setting on only 1 outdoor unit (primary unit) within the same network. No duplicate setting of this function from other outdoor unit is allowed.
- When setting the address of a Signal Amplifier automatically, be sure to always set the address on the PCB of the Signal Amplifier to “1” (factory setting).

1. After verifying that the system is operating normally, press the MODE/EXIT button (SW107) once.

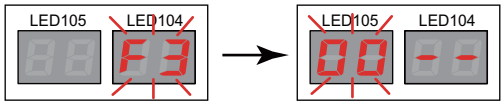



2. Press the SELECT button (SW108) to display “F3” on LED104.
   *1: Do not set “F1” and “F9” usually since they are used for maintenance.

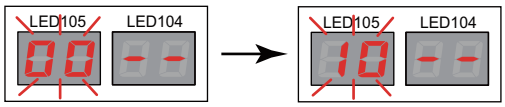



Do not set "F8". "F8" is for factory use only and is not for a service purpose.

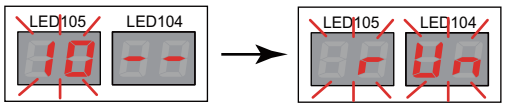
3. When “F3” is displayed on the LED104, press the ENTER button (SW109). Indicator on the LED105 flashes.




4. Press the SELECT button (SW108) to display “10” on the LED105.

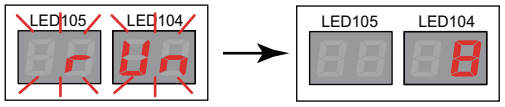



5. When “10” is displayed on the LED105, hold down the ENTER button (SW109) for 3 seconds or longer. (Unless it is held down for at least 3 seconds, the selection will not be confirmed.) When the automatic address setting function is activated, the display changes to “run.”

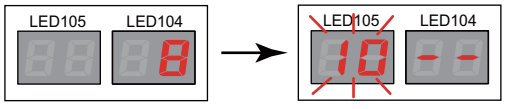



6. When the automatic address setting is completed, the number of Signal Amplifier is displayed on the LED104. Verify that the count matches the number of Signal Amplifiers being installed.

Example: When 8 signal amplifiers are being connected



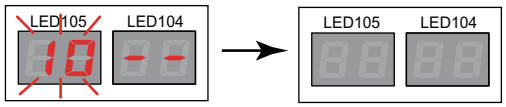

7. To exit the automatic address setting, press the ENTER button (SW109) in the setting completed status shown in the previous step.






FUNCTION SETTINGS

8. To exit the function mode, press the MODE/EXIT button (SW107).




## RELATED LINKS

"Signal amplifier" on page 07-177



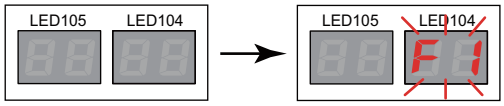
FUNCTION SETTINGS

# ■ Automatic address setting of indoor unit

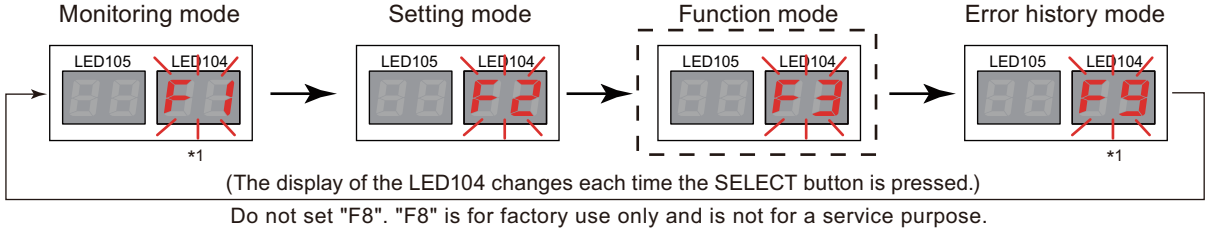
**⚠ CAUTION**

- This function can be used for a maximum of 64 indoor units installed within a same refrigerant system.
- This function cannot be used for indoor units being connected to other refrigerant systems via the network. For details, refer to "Transmission cable" in Chapter 6. SYSTEM DESIGN on page 06-145
- When setting the addresses automatically, make sure that the position of following switches are set at “0” (Factory setting).
  - IU AD x10 (SW6)
  - IU AD x1 (SW7)
  - REF AD x10 (SW8)
  - REF AD x1 (SW9)
- When an indoor unit address is set up, a refrigerant circuit address is also set up at the same time. (The refrigerant circuit address of an outdoor unit being connected within the same refrigerant system is set up.)

1. After verifying that the system is operating normally, press the MODE/EXIT button (SW107) once.

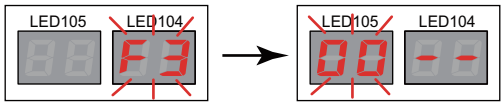



2. Press the SELECT button (SW108) to display “F3” on LED104.
   *1: Do not set “F1” and “F9” usually since they are used for maintenance.

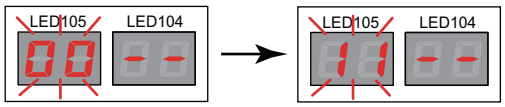



Do not set "F8". "F8" is for factory use only and is not for a service purpose.

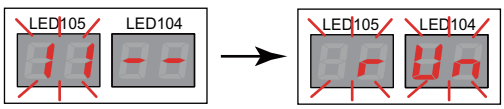
3. When “F3” is displayed on the LED104, press the ENTER button (SW109). Indicator on the LED105 flashes.




4. Press the SELECT button (SW108) to display “11” on the LED105.




5. When “11” is displayed on the LED105, hold down the ENTER button (SW109) for 3 seconds or longer. (Unless it is held down for at least 3 seconds, the selection will not be confirmed.) When the automatic address setting function is activated, the display changes to “run.”

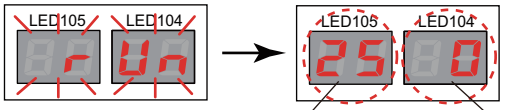




FUNCTION SETTINGS

6. When the automatic address setting is completed, the number of indoor units of which the automatic address setting succeeded is displayed on the LED105, and the number of indoor units of which the automatic address setting failed is displayed on the LED104.

Example: When 25 indoor units are connected, and the automatic setting of the addresses of all indoor units ended normally

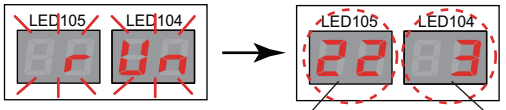



(Setting completed)

LED105: The number of indoor units of which automatic address setting succeeded

LED104: The number of indoor units of which automatic address setting failed

Example: When 25 indoor units are connected, and the automatic setting of the addresses of three indoor units failed

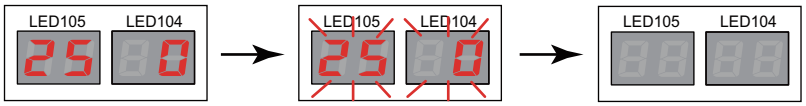



LED105: The number of indoor units of which automatic address setting succeeded

LED104: The number of indoor units of which automatic address setting failed

If automatic address setting failed, make sure that all of the rotary switches SW6 to SW9 on the PCBs of the failed indoor units are positioned at “0” and that wiring and power supply are correct, and then perform the automatic address setting again.

7. When the ENTER button (SW109) is pressed, end processing will begin and the LED lamps start to blink. For completing this process will take about 30 seconds.




When the setting is completed, the LED lamps go off.



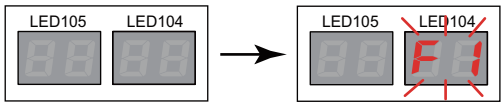
FUNCTION SETTINGS

# ■ Automatic address setting of RB unit

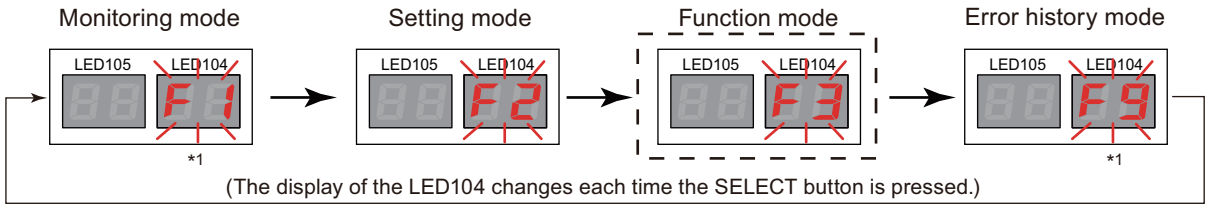
**⚠ CAUTION**

- Please be sure to finish address setting of outdoor unit and indoor unit before performing the automatic address setting of RB unit.
- This function can be used for a maximum of 64 indoor units installed within a same refrigerant system.
- When setting the addresses automatically, make sure that the position of following switches are set at “0” (Factory setting).
  - RB AD x10 (SW11)
  - RB AD x1 (SW14)
  - REF AD x10 (SW13)
  - REF AD x1 (SW12)
- When a RB unit address is set up, a refrigerant system address is also set up at the same time. (The refrigerant system address of an outdoor unit being connected within the same refrigerant system is set up.)

1. After verifying that the system is operating normally, press the MODE/EXIT button (SW107) once.

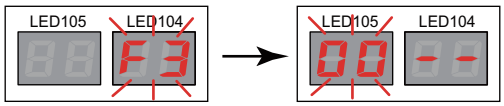



2. Press the SELECT button (SW108) to display “F3” on LED104.
   *1: Do not set “F1” and “F9” usually since they are used for maintenance.

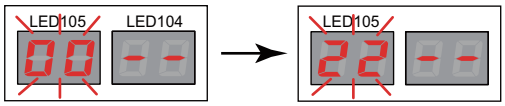



Do not set "F8". "F8" is for factory use only and is not for a service purpose.

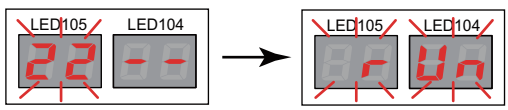
3. When “F3” is displayed on the LED104, press the ENTER button (SW109). Indicator on the LED105 flashes.




4. Press the SELECT button (SW108) to display “22” on the LED105.




5. When “22” is displayed on the LED105, hold down the ENTER button (SW109) for 3 seconds or longer. (Unless it is held down for at least 3 seconds, the selection will not be confirmed.) When the automatic address setting function is activated, the display changes to “run.”

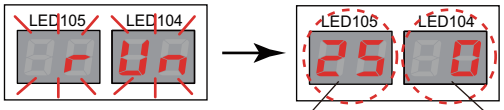




FUNCTION SETTINGS

6. When the automatic address setting is completed, the number of RB units of which the automatic address setting succeeded is displayed on the LED105, and the number of RB units of which the automatic address setting failed is displayed on the LED104.

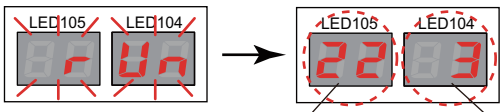
Example: When 25 RB units are connected, and the automatic setting of the addresses of all RB units ended normally




LED105: The number of RB units of which automatic address setting succeeded

LED104: The number of RB units of which automatic address setting failed

Example: When 25 RB units are connected, and the automatic setting of the addresses of three RB units failed

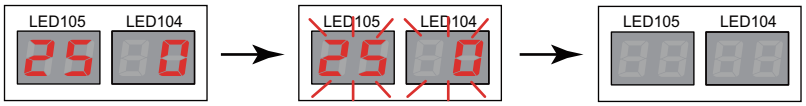



LED105: The number of RB units of which automatic address setting succeeded

LED104: The number of RB units of which automatic address setting failed

If automatic address setting failed, make sure that all of the rotary switches SW6 to SW9 on the PCBs of the failed RB units are positioned at “0” and that wiring and power supply are correct, and then perform the automatic address setting again.

7. When the ENTER button (SW109) is pressed, end processing will begin and the LED lamps start to blink. For completing this process will take about 30 seconds.




When the setting is completed, the LED lamps go off.



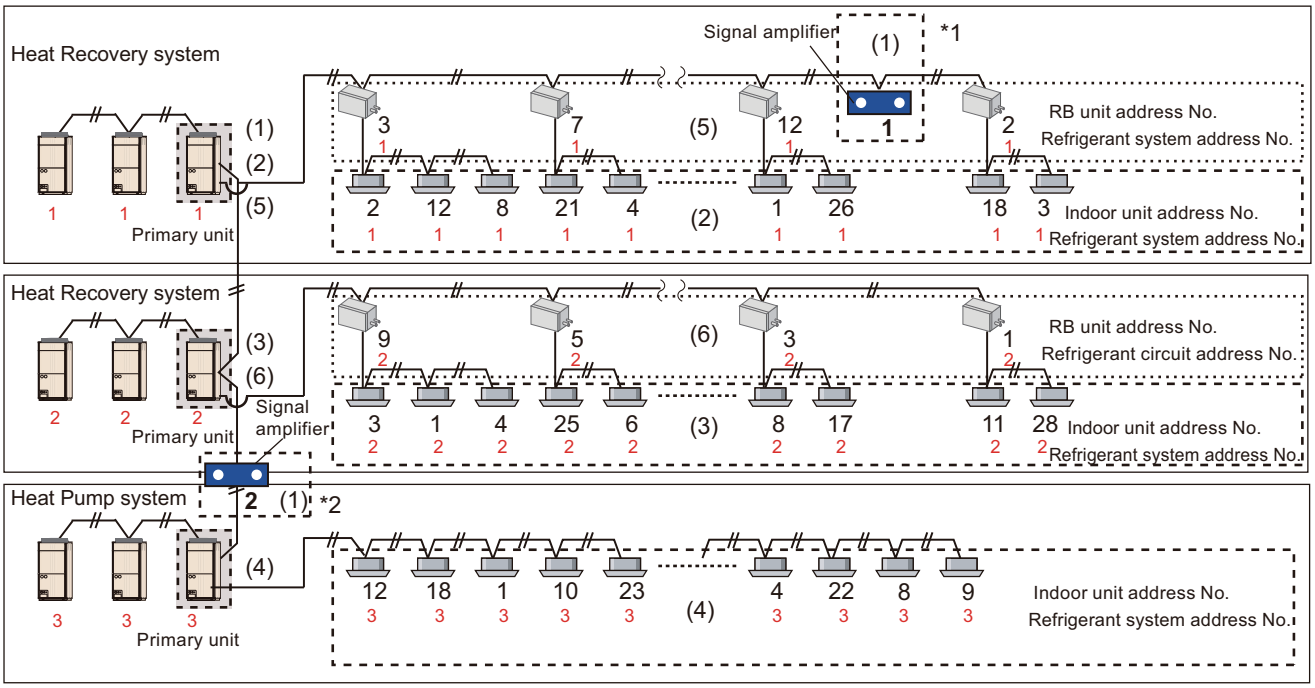
FUNCTION SETTINGS

# ■ Example of setting flow

## ● Example 1: Setting both addresses of signal amplifiers and indoor units automatically

### ⚠ CAUTION

- Complete the refrigerant system address setting of outdoor units before activating the automatic address setting function.
- Setting the indoor units addresses automatically does not necessarily mean that the addresses are assigned sequentially starting from the indoor unit which is located the closest to the outdoor units. (Instead, addresses are assigned randomly.)
  With respect to the setting of refrigerant system address, the same address numbers of the refrigerant system address of the outdoor units being connected within the same refrigerant system are assigned.
- To find out what addresses have been assigned to individual indoor units, perform a separate address check operation.




1. Activate the automatic address setting function of Signal Amplifier on the primary unit of Refrigerant system 1. (1)
   An address is automatically assigned to all Signal Amplifiers on the network.
   (Because an address is also assigned to the signal amplifiers being connected in Refrigerant system 2 and3, its is not necessary to perform the automatic address setting of these Signal Amplifiers again on the primary units of Refrigerant system 2 and 3.)

2. Activate the automatic address setting function of indoor unit on the primary unit of Refrigerant system 1. (2)
   An indoor unit address and a refrigerant system address are automatically set up for all indoor units being connected in Refrigerant system 1.

3. Activate the automatic address setting function of indoor unit on the primary unit of Refrigerant system 2. (3)
   An indoor unit address and a refrigerant system address are automatically set up for all indoor units being connected in Refrigerant system 2.


FUNCTION SETTINGS

4. Activate the automatic address setting function of indoor unit on the primary unit of Refrigerant system 3. (4)
   An indoor unit address and a refrigerant system address are automatically set up for all indoor units being connected in Refrigerant system 3.

5. Activate the RB Unit Automatic Address Setting function on the primary unit of Refrigerant System 1. (5)
   A RB Unit address and a refrigerant system address are automatically set up for all RB Units being connected in Refrigerant System 1.

6. Activate the RB Unit automatic address setting function on the primary unit of Refrigerant System 2. (6)
   A RB Unit address and a refrigerant circuit address are automatically set up for all RB Units being connected in Refrigerant System 2.

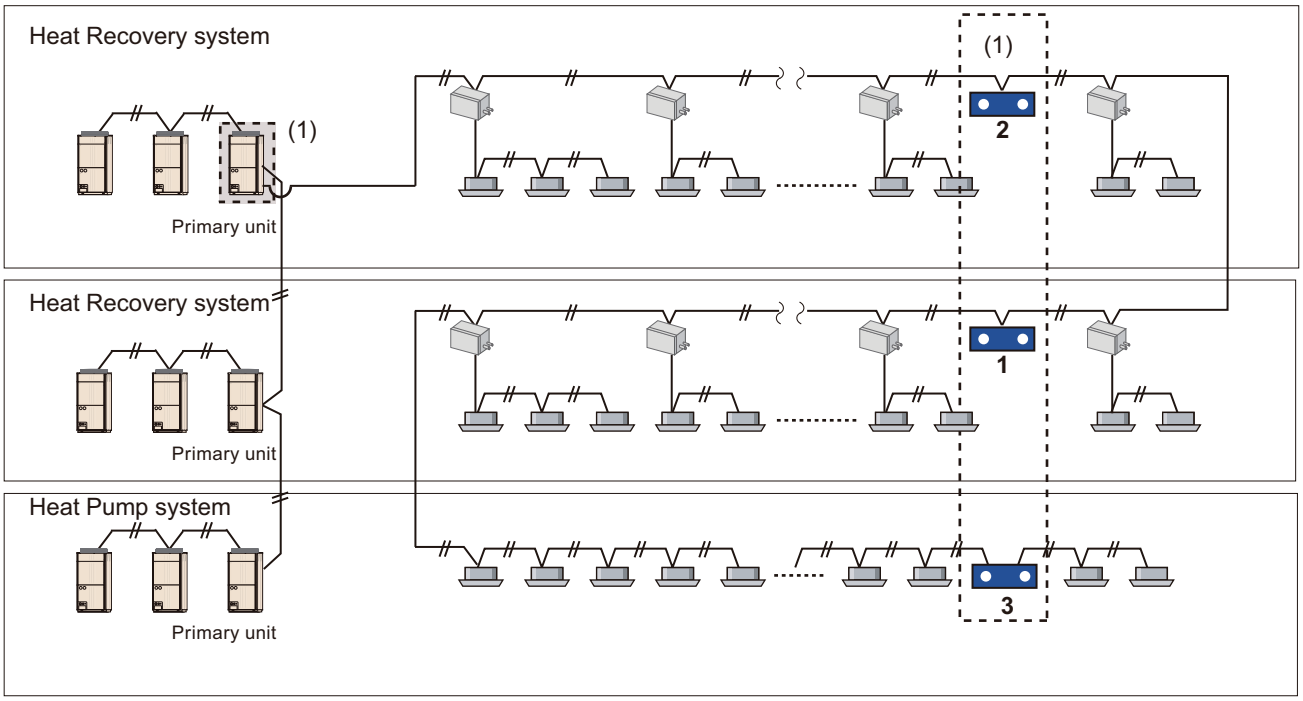
*1: If the total wiring length within a segment is expected to exceed 500 m, insert a Signal Amplifier. For details, refer to "Signal Amplifier (UTY-VSGXZ1)" in Chapter 5. CONTROL SYSTEM on page 05-191.

*2: If the number of nodes (the number of units of indoor units, outdoor units, controllers, and others) is expected to exceed 64 (including Signal Amplifiers), insert a Signal Amplifier. For details, refer to "Signal Amplifier (UTY-VSGXZ1)" in Chapter 5. CONTROL SYSTEM on page 05-191.

## ● Example 2: Setting automatically the address of signal amplifiers only (When the addresses of indoor units will be set manually)

**⚠ CAUTION**

- When indoor units are being connected via different refrigerant systems, never activate the automatic address setting function of indoor unit.
- As long as primary units are on the same network, any primary unit can set the addresses of Signal Amplifiers automatically. Perform this setting on only 1 outdoor unit (primary unit) within the same network. No duplicate setting of this function from other outdoor unit is allowed.




Activate the automatic address setting function of Signal Amplifier on the primary unit of Refrigerant system 1.

An address is automatically assigned to all Signal Amplifiers on the network.


FUNCTION SETTINGS

# 1-6. Terminal resistor setting

**⚠ CAUTION**

- Be sure to set the terminal resistor according to specifications.
- Set the terminal resistor for every network segment (NS).
  - If terminal resistor is set in multiple devices, the overall communication system may be damaged.
  - If terminal resistor is not set in a device, abnormal communication may occur.

The layout of the switches differs by the type of the indoor unit. For the details, refer to "Setting on indoor unit PCB" on page 07-100.

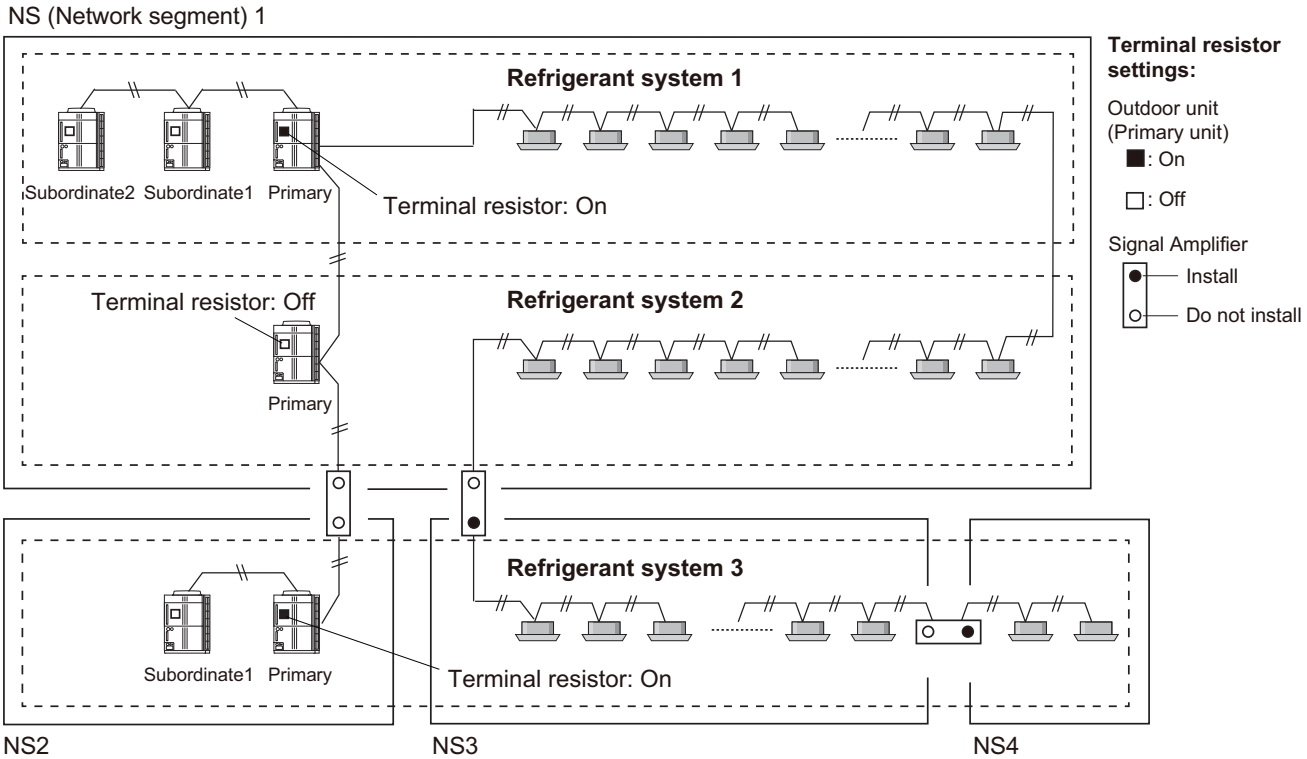
**NOTES:**

- Be sure to set one terminal resistor in a network segment. You can set the terminal resistor at the outdoor unit or signal amplifier.
- When setting the terminal resistor of a signal amplifier, refer to the installation manual of the signal amplifier.
- When setting multiple terminal resistors, take note of the following conditions:
  - How many network segments are there in a VRF system?
  - Where will you set the terminal resistors in a network segment?
    (Condition for 1 segment: Total number of outdoor units, indoor units, and signal amplifiers is less than 64, or the total length of the transmission line is less than 500 m)
  - How many outdoor units are connected in 1 refrigerant system?

  Based on the conditions mentioned above, set the outdoor unit DIP switch SET5-4 in accordance with the table below.

| DIP switch SET5-4 | Terminal resistor | Factory setting |
|---|---|---|
| Off | Disabled | ◆ |
| On | Enabled | |

## ■ Setting example





FUNCTION SETTINGS

# 2. Function settings

To adjust the functions of this product according to the installation environment, various types of function settings are available.

**NOTE:** Incorrect settings can cause a product malfunction.

**RELATED LINKS**

"Setting on outdoor unit PCB" on page 07-93
"Setting on indoor unit PCB" on page 07-100
"Setting by service tool (UTY-ASGXZ1)" on page 07-109
"Indoor unit (setting by UTY-LNV∗)" on page 07-113
"Indoor unit (setting by UTY-LNH∗)" on page 07-121
"Indoor unit (setting by UTY-RNK∗)" on page 07-127
"Indoor unit (setting by UTY-RSR∗, UTY-RHR∗)" on page 07-130
"Indoor unit (setting by UTY-RSK∗, UTY-RHK∗)" on page 07-133
"Indoor unit (setting by UTY-RVR∗)" on page 07-136
"Indoor unit (setting by UTY-RNR∗Z∗)" on page 07-140
"Indoor unit (setting by UTY-RLR∗)" on page 07-144
"Function details" on page 07-147
"RB unit (UTP-RX01AH, UTP-RX01BH, UTP-RX01CH, UTP-RX04BH)" on page 07-151
"RB unit (UTP-RX08AH, UTP-RX12AH)" on page 07-153
"Wired remote controller (UTY-RNK∗)" on page 07-156
"Simple remote controller (UTY-RSK∗, UTY-RHK∗)" on page 07-158
"Touch panel controller" on page 07-160
"Central remote controller (UTY-DCG∗Z3)" on page 07-161
"Wired Remote Controller (Touch Panel) (UTY-RVR∗)" on page 07-163
"Wired Remote Controller (Touch Panel) (UTY-RNR∗Z∗)" on page 07-167
"Wired remote controller (UTY-RLR∗)" on page 07-171
"Simple remote controller (UTY-RSR∗, UTY-RHR∗)" on page 07-173
"Network convertor (UTY-VTGX, UTY-VTGXV)" on page 07-175
"Signal amplifier" on page 07-177
"KNX convertor for VRF" on page 07-179
"KNX convertor for Indoor unit" on page 07-181
"Modbus Converter for VRF" on page 07-182
"Modbus Converter for Indoor Unit" on page 07-185
"Network Converter for LonWorks" on page 07-187
"Duct static pressure setting" on page 07-188
"Administrative indoor unit setting" on page 07-190
"Energy saving setting on System Controller" on page 07-194
"Electricity charge apportionment setting (System controller, Touch panel controller)" on page 07-200

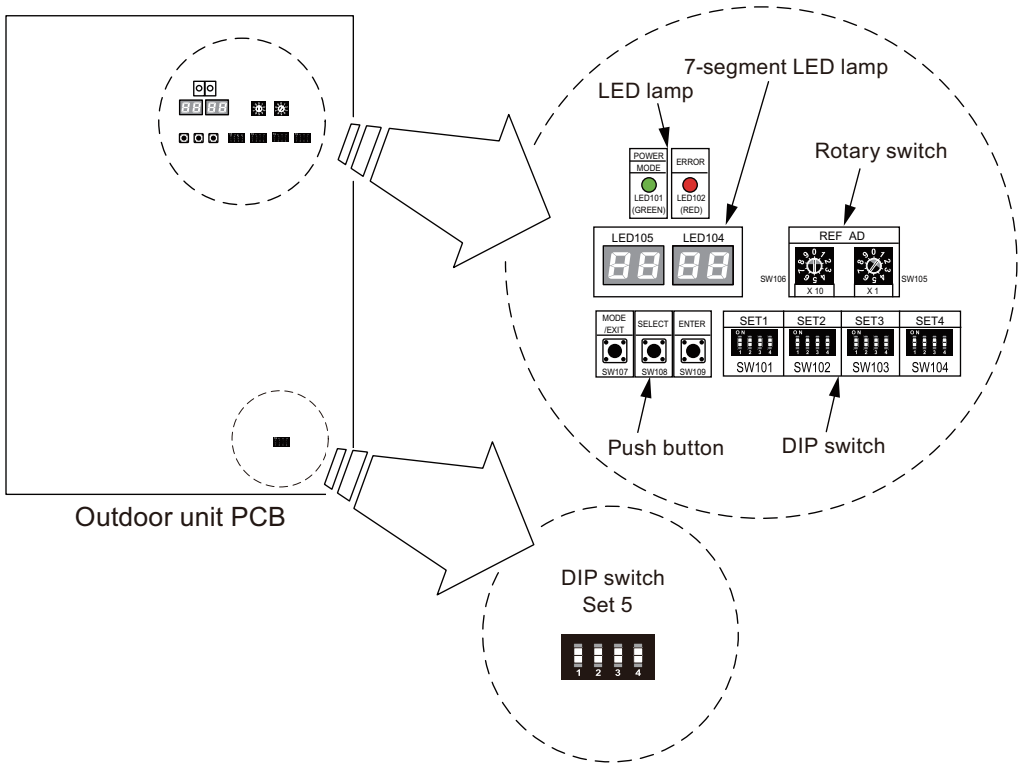


FUNCTION SETTINGS

# 2-1. Setting on outdoor unit PCB

## ■ Components location

Set the functions of an outdoor unit with the push buttons (SW107, SW108, and SW109) while observing the 7-segment LED lamps (LED105 and LED104) on the PCB.




Actual switch position may differ depending on the outdoor unit.

## ■ Preparation

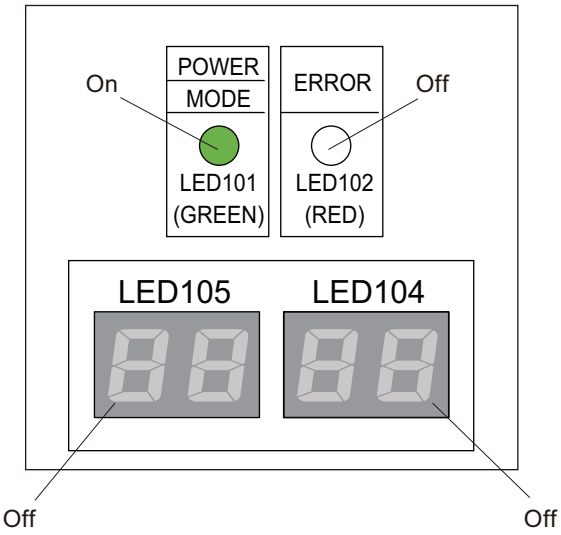
Before performing the setting, be sure to conducting necessary preparations.

1. Make sure that the operation of the outdoor unit has stopped (if it is still running, stop the operation), and turn off the power.
2. Remove the front panel of the outdoor unit.
3. Remove the lid of the electrical component box to expose the PCB.

FUNCTION SETTINGS

FUNCTION SETTINGS

4. Turn on the power of the outdoor unit. When the system is operated normally, the indicator lamps may light as in following figure:

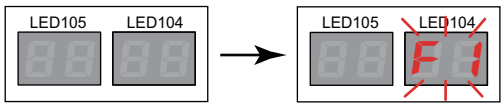



- Make sure that the POWER/MODE indicator lamp (LED101) is on and the ERROR indicator lamp (LED102) is off.
- If there is a system error, the ERROR indicator lamp (LED102) flashes. Check the wiring and power supply. After confirming the ERROR indicator lamp (LED102) has turned off, proceed to the setting procedure.

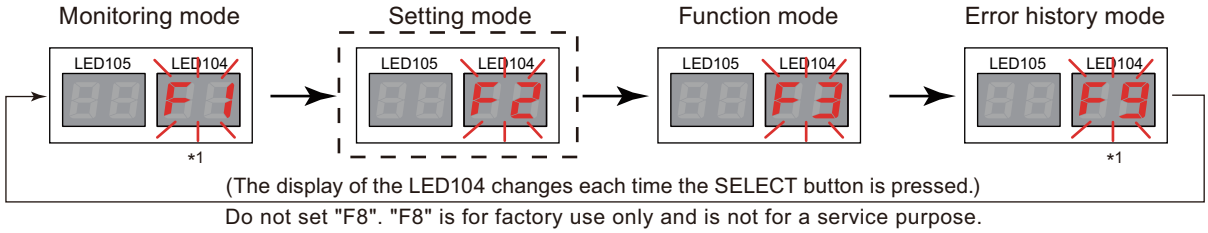

FUNCTION SETTINGS

# ■ Function setting method

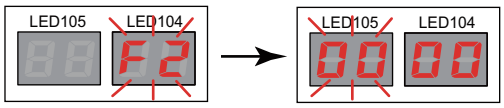
1. After verifying that the system is operating normally, press the MODE/EXIT button (SW107) once.




2. Press the SELECT button (SW108) to display “F2” on LED104.
*1: Do not set “F1” and “F9” usually since they are used for maintenance.

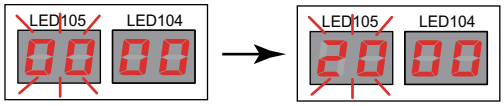



3. When “F2” is displayed on the LED104, press the ENTER button (SW109). Indicator on the LED105 flashes, and the flashing of “F2” on the LED104 stops and lights a number.

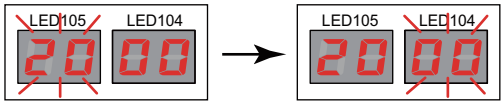



4. With referring to "Setting list" on page 07-97, press the SELECT button (SW108) to display the code number of the mode you want to set on the LED105.

Example: To select switching between Forced stop and Emergency stop

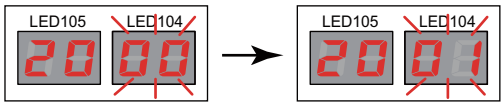



Then, press the ENTER button (SW109) to confirm the mode you want to set.
Flashing of LED105 stops and lights a number, and the lit number on the LED104 starts to flash.

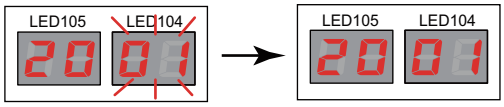



5. Again, with referring to "Setting list" on page 07-97, press the SELECT button (SW108), and display the code number of the function you want to set on the LED104.

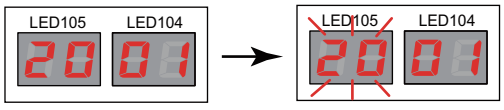
Example: To select the Emergency stop function




Then, press the ENTER button (SW109) to confirm the function you want to set.
Flashing of LED104 stops and lights a number.



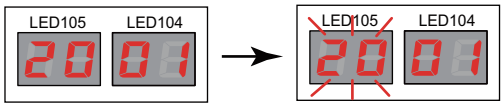

To set another function, press the ENTER button (SW109) in the completed state of current setting. Then, repeat steps 4. and 5. to set each function.



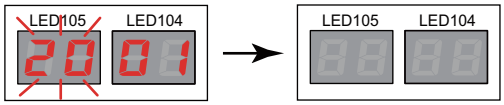


FUNCTION SETTINGS

6. After all necessary function settings are completed, press the ENTER button (SW109) in the setting completed state shown in the previous step.
5 seconds after, even if the ENTER button (SW109) is not pressed, the LED105 starts to flash automatically.




Then, press the MODE/EXIT button (SW107) to exit the function setting mode.






FUNCTION SETTINGS

# ■ Setting list

**NOTE:** Code numbers not listed in the table blow are not available in this product. Do not set the unsupported code numbers.

| LED105 code no. | | Setting mode | LED104 code no. | | Setting function | Factory setting | Outdoor unit | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Primary | Subordinate |
| 0 | 0 | Pipe length setting | 0 | 0 | Standard (40 to 65 m) | ♦ | ○ | —*1 |
| | | | 0 | 1 | Short (less than 40 m) | | | |
| | | | 0 | 2 | Medium (65 to 90 m) | | | |
| | | | 0 | 3 | Long 1 (90 to 120 m) | | | |
| | | | 0 | 4 | Long 2 (120 to 165 m) | | | |
| | | | Pipe length means the length between primary outdoor unit and the nearest indoor unit. | | | | | |
| 1 | 0 | Sequential start shift | 0 | 0 | Normal | ♦ | ○ | —*1 |
| | | | 0 | 1 | 21 sec delay | | | |
| | | | 0 | 2 | 42 sec delay | | | |
| | | | 0 | 3 | 63 sec delay | | | |
| | | | The start up timing of outdoor unit (compressor) can be set so that it can be delayed several seconds.<br>This feature is useful when multiple outdoor units are installed and turned on at the same time to limit the starting current. | | | | | |
| 1 | 1 | Cooling capacity shift | 0 | 0 | Normal mode | ♦ | ○ | —*1 |
| | | | 0 | 1 | Save energy mode | | | |
| | | | 0 | 2 | High power mode 1 | | | |
| | | | 0 | 3 | High power mode 2 | | | |
| | | | 0 | 4 | Prohibited | | | |
| 1 | 2 | Heating capacity shift | 0 | 0 | Normal mode | ♦ | ○ | —*1 |
| | | | 0 | 1 | Save energy mode | | | |
| | | | 0 | 2 | High power mode 1 | | | |
| | | | 0 | 3 | High power mode 2 | | | |
| 1 | 3 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 1 | 4 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| | | | 0 | 2 | Prohibited | | | |
| | | | 0 | 3 | Prohibited | | | |
| | | | 0 | 4 | Prohibited | | | |
| 1 | 5 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| | | | 0 | 2 | Prohibited | | | |
| | | | 0 | 3 | Prohibited | | | |
| 2 | 0 | Switching between Group Stop or emergency stop | 0 | 0 | Group Stop | ♦ | ○ | —*1 |
| | | | 0 | 1 | Emergency stop | | | |
| | | | This mode selects the pattern of the stop function to be operated by the external input terminal (CN134).<br>• Group Stop: The stop of all indoor units connected to same refrigerant system due to input signal coming from CN134.<br>• Emergency stop: When emergency stop is actuated, the indoor unit does not accept the operation command from the remote controller. On the other hand, when the emergency stop is released (no input from CN134), the air conditioner does not return to the original operation until operate indoor unit by the remote controller. | | | | | |



FUNCTION SETTINGS

| LED105 code no. | | Setting mode | LED104 code no. | | Setting function | Factory setting | Outdoor unit | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Primary | Subordinate |
| 2 | 2 | Snow falling protection fan mode | 0 | 0 | Enabled | ♦ | ○ | —*1 |
| | | | 0 | 1 | Disabled | | | |
| | | | This mode operates the fans of outdoor units in order to prevent the units from stopping operation when they are covered by snow. | | | | | |
| 2 | 3 | Interval setting for snow falling protection fan mode | 0 | 0 | Standard (30 min) | ♦ | ○ | —*1 |
| | | | 0 | 1 | Short 1 (5 min) | | | |
| | | | 0 | 2 | Short 2 (10 min) | | | |
| | | | 0 | 3 | Short 3 (20 min) | | | |
| | | | When the snow falling protection fan mode is set, the operation interval of the fans of outdoor units can be selected. | | | | | |
| 2 | 4 | High static pressure mode | 0 | 0 | Standard | ♦ | ○ | ○ |
| | | | 0 | 1 | High static pressure 1 (Equivalent to 30 Pa) | | | |
| | | | 0 | 2 | High static pressure 2 (Equivalent to 80 Pa) | | | |
| | | | 0 | 3 | Prohibited | | | |
| | | | When installing a duct to the blow-off outlet of an outdoor unit, set the high static pressure mode according to the static pressure of the duct to be installed. Furthermore, use this setting if the air blow of an outdoor unit is poor, such as when installed in a place with a low ceiling. | | | | | |
| 2 | 5 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 2 | 6 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 2 | 7 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 2 | 8 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 2 | 9 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 3 | 0 | Energy saving level setting | 0 | 0 | Level 1 (Stop) | ♦ | ○ | —*1 |
| | | | 0 | 1 | Level 2 (Operated at 40% capacity) | | | |
| | | | 0 | 2 | Level 3 (Operated at 60% capacity) | | | |
| | | | 0 | 3 | Level 4 (Operated at 80% capacity) | | | |
| | | | 0 | 4 | Level 5 (Operated at 100% capacity) | | | |
| | | | The capacity limit in Peak Cut Control operation can be selected by the external input terminal (CN133). With lowering the level, the energy efficiency get higher but the cooling or heating performance gets lower. | | | | | |
| 3 | 2 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| | | | 0 | 2 | Prohibited | | | |
| 3 | 3 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 4 | 0 | Capacity priority setting (in low noise mode) | 0 | 0 | Off (Quiet priority) | ♦ | ○ | —*1 |
| | | | 0 | 1 | On (Capacity priority) | | | |
| | | | If the cooling/heating performance becomes insufficient when the low noise mode is set, it is possible to set “Capacity priority” that automatically cancels the low noise mode. (Once performance is restored, the mode will automatically return to the low noise mode.) | | | | | |
| 4 | 1 | Low noise mode setting | 0 | 0 | Off (Normal) | ♦ | ○ | —*1 |
| | | | 0 | 1 | On (Low noise mode) | | | |
| 4 | 2 | Low noise mode operation level setting | 0 | 0 | Level 1 | ♦ | ○ | —*1 |
| | | | 0 | 1 | Level 2 | | | |
| | | | Level1: The operating sound lowers from about 3 to 5 dB (A) more than the rated value<br>Level2: The operating sound lowers from about 3 to 5 dB (A) more than the Level1 | | | | | |

FUNCTION SETTINGS

FUNCTION SETTINGS

| LED105 code no. | | Setting mode | LED104 code no. | | Setting function | Factory setting | Outdoor unit | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Primary | Subordinate |
| 5 | 3 | Intelligent refrigerant control | 0 | 0 | Enable | ♦ | ○ | —*1 |
| | | | 0 | 1 | Disable | | | |
| | | | 0 | 2 | Enable only evaporation temperature control | | | |
| | | | 0 | 3 | Enable only condensation temperature control | | | |
| 5 | 4 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 6 | 0 | Recovery operation | 0 | 0 | On | ♦ | ○ | —*1 |
| | | | 0 | 1 | Off | | | |
| 6 | 1 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 6 | 2 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 6 | 3 | Prohibited | 0 | 0 | Prohibited | ♦ | | |
| | | | 0 | 1 | Prohibited | | | |
| 7 | 0 | Electricity meter no. setting 1 *2 | 0 | 0 | Setting number x00 | ♦ | ○ | ○ |
| | | | 0 | 1 | Setting number x01 | | | |
| | | | • | • | • | | | |
| | | | • | • | • | | | |
| | | | • | • | • | | | |
| | | | 9 | 8 | Setting number x98 | | | |
| | | | 9 | 9 | Setting number x99 | | | |
| | | | Set the ones digit and tens digit of the number of the electricity meter connected to CN135. | | | | | |
| 7 | 1 | Electricity meter no. setting 2 *2 | 0 | 0 | Setting number 0xx | ♦ | ○ | ○ |
| | | | 0 | 1 | Setting number 1xx | | | |
| | | | 0 | 2 | Setting number 2xx | | | |
| | | | Set the hundreds digit of the number of the electricity meter connected to CN135. | | | | | |
| 7 | 2 | Electricity meter pulse setting 1 *3 | 0 | 0 | Setting number xx00 | ♦ | ○ | ○ |
| | | | 0 | 1 | Setting number xx01 | | | |
| | | | • | • | • | | | |
| | | | • | • | • | | | |
| | | | • | • | • | | | |
| | | | 9 | 8 | Setting number xx98 | | | |
| | | | 9 | 9 | Setting number xx99 | | | |
| | | | Set the ones digit and tens digit of the number of the electricity meter pulse setting connected to CN135. | | | | | |
| 7 | 3 | Electricity meter pulse setting 2 *3 | 0 | 0 | Setting number 00xx | ♦ | ○ | ○ |
| | | | 0 | 1 | Setting number 01xx | | | |
| | | | • | • | • | | | |
| | | | • | • | • | | | |
| | | | • | • | • | | | |
| | | | 9 | 8 | Setting number 98xx | | | |
| | | | 9 | 9 | Setting number 99xx | | | |
| | | | Set the hundreds digit and thousands digit of the electricity meter pulse setting connected to CN135. | | | | | |

*1: Do not set this for outdoor units with “Subordinate” setting.

*2: When electricity meter number is set to “000” and “201 to 299”, the pulses input to CN135 become ineffective. Available setting number is “001” to “200”.

*3: When the electricity meter pulse setting is set to “0000”, the pulses input to CN135 become ineffective. Available setting number is “0001” to “9999”.



FUNCTION SETTINGS

# 2-2. Setting on indoor unit PCB

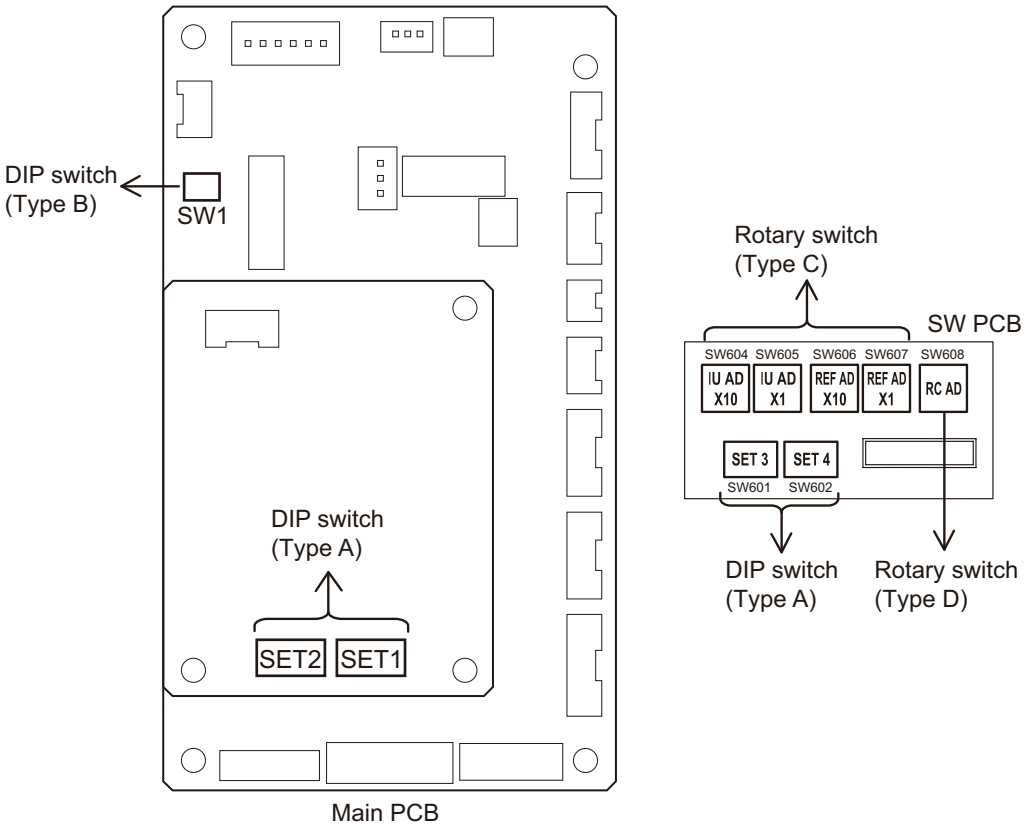
Components related to function setting are located on the indoor unit main PCB.

## ■ Components location

Related components location is differ depending on the type of the indoor unit as follows:

| Type of PCB | Type of indoor unit |
|---|---|
| Type 1 | Compact cassette, 4-way flow cassette, Low static pressure duct (Mini duct), Low static pressure duct (Slim duct)/Slim concealed floor, Low static pressure duct (High efficiency), Medium static pressure duct, High static pressure duct, Floor/ceiling, Ceiling |
| Type 2 | Wall mounted (AS∗A018, 024) |
| Type 3 | 3D flow cassette |
| Type 4 | Circular flow cassette |
| Type 5 | Wall mounted (AS∗A030, 034) |
| Type 6 | Compact floor |
| Type 7 | Wall mounted (AS∗A004, 007, 009, 012, 014, AS∗E004, 007, 009, 012, 014) |
| Type 8 | One way flow cassette |

- **Type 1:**

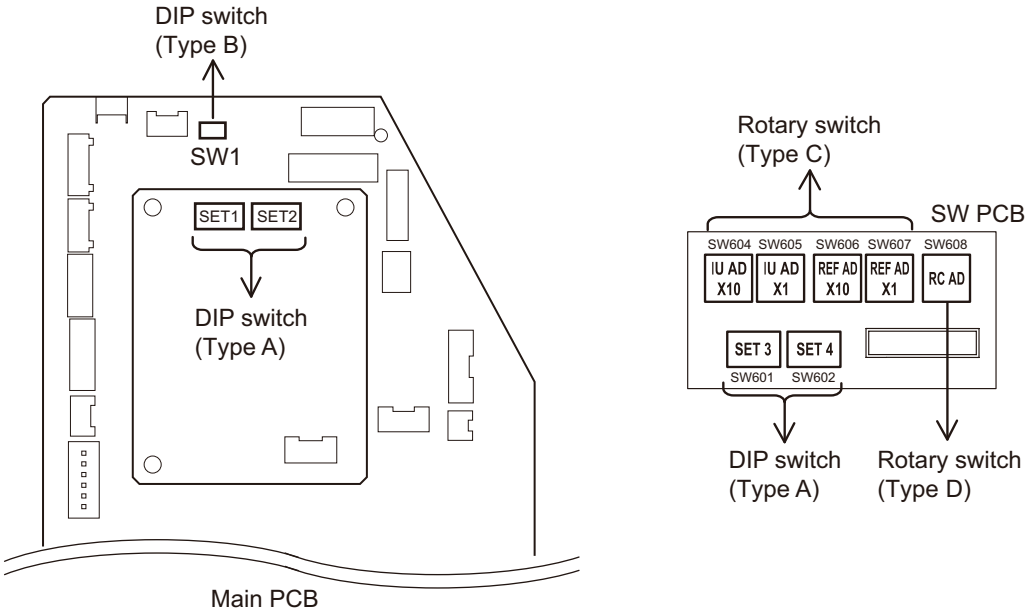



**NOTE:** SW1 may not be available depending on the models.

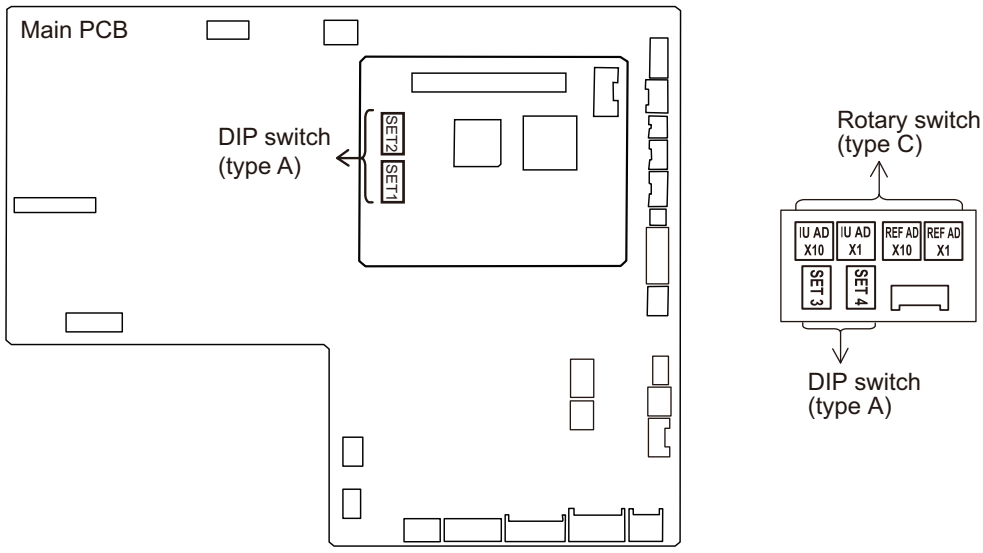


FUNCTION SETTINGS

- **Type 2:**



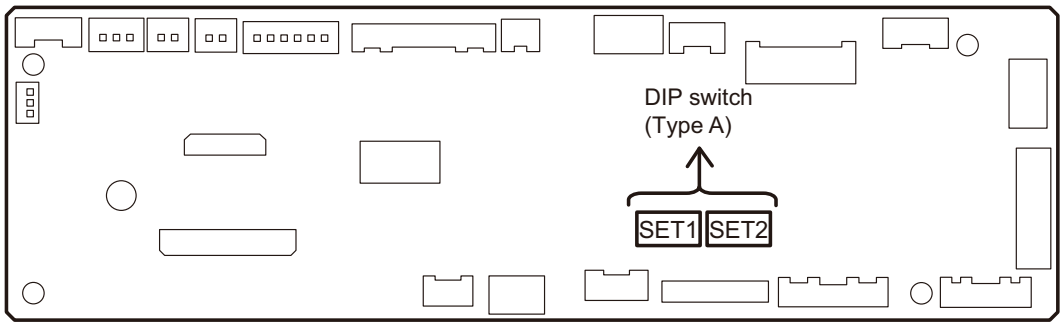

- **Type 3:**



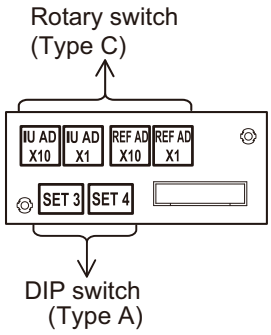



FUNCTION SETTINGS

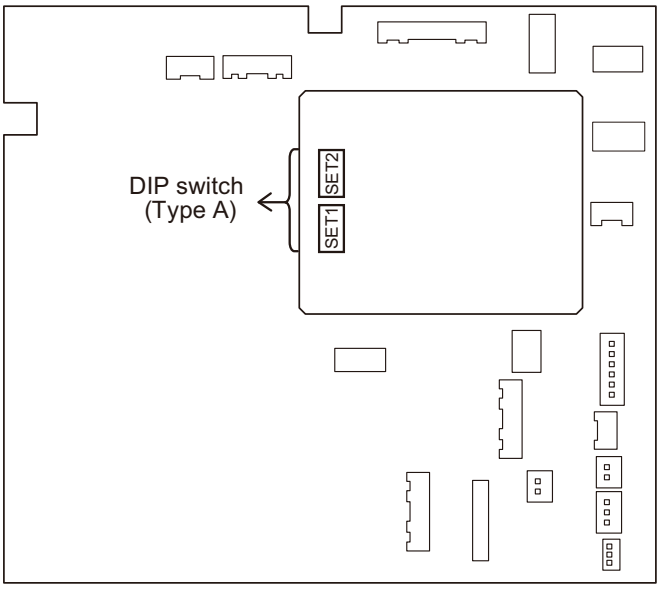
- **Type 4:**

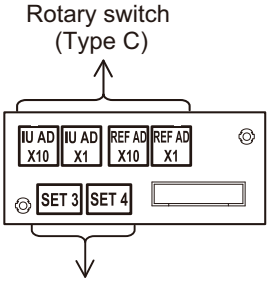



Main PCB

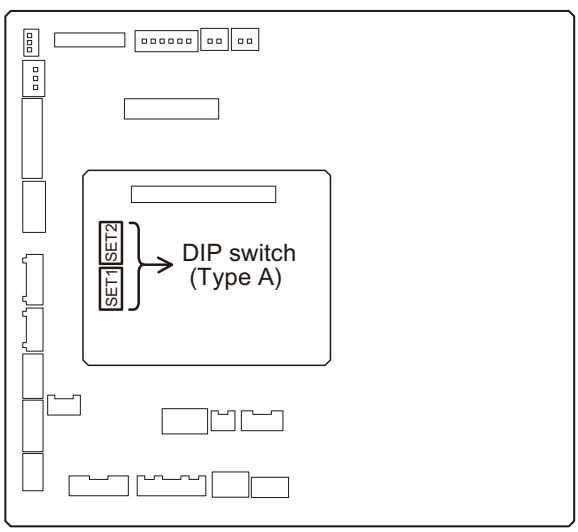


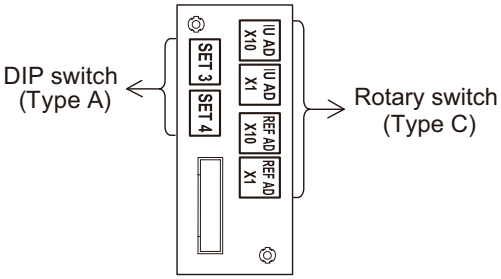

- **Type 5:**




- **Type 6:**

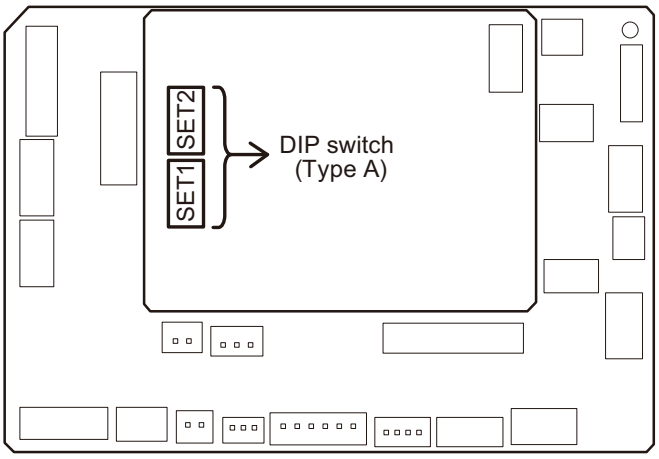


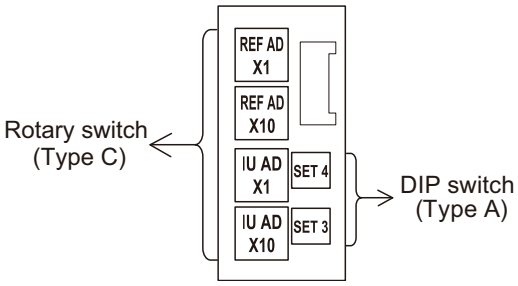





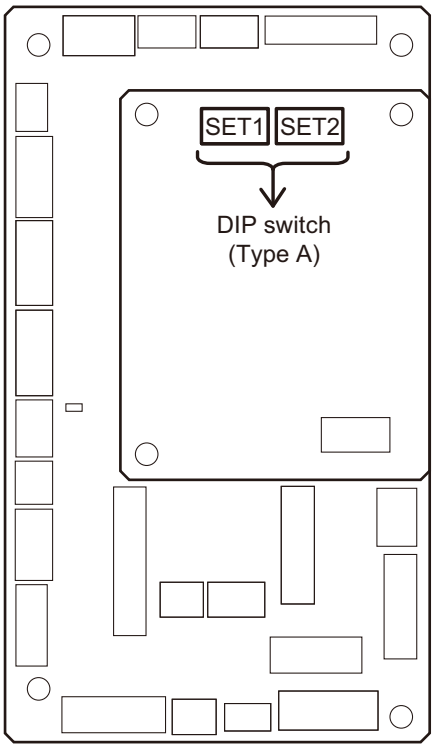

FUNCTION SETTINGS

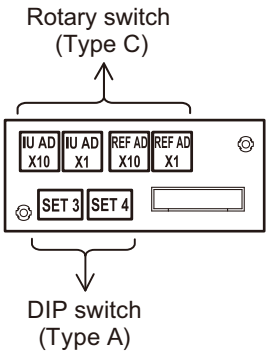
- **Type 7:**




- **Type 8:**






FUNCTION SETTINGS

# ■ Switch type and setting item

| | | | | |
|---|---|---|---|---|
| DIP switch | Type A | SET1 | 1 | Prohibited (Indoor unit capacity setting) |
| | | | 2 | Prohibited (Indoor unit capacity setting) |
| | | | 3 | Prohibited (Indoor unit capacity setting) |
| | | | 4 | Prohibited (Indoor unit capacity setting) |
| | | SET2 | 1 | Prohibited (Indoor unit capacity setting) |
| | | | 2 | External input select “edge/pulse” |
| | | | 3 | Fan delay switch |
| | | | 4 | Prohibited |
| | | SET3 | 1 | Wireless remote controller custom code switch 1 |
| | | | 2 | Wireless remote controller custom code switch 2 |
| | | | 3 | Prohibited |
| | | | 4 | Prohibited |
| | | SET4 | 1 | Drainage function switch (Mini duct type and Slim duct type only) |
| | | | 2 | Auto louver grille setting switch (Mini duct type and Slim duct type only) |
| | | | 3 | Prohibited |
| | | | 4 | Prohibited |
| | Type B | SW1 | | Remote controller wire type switch |
| Rotary switch | Type C | IU AD x1 | | Indoor unit address switch 1 |
| | | IU AD x10 | | Indoor unit address switch 2 |
| | | REF AD x1 | | Refrigerant circuit address switch 1 |
| | | REF AD x10 | | Refrigerant circuit address switch 2 |
| | Type D | RC AD | | Remote controller address switch |



FUNCTION SETTINGS

# ■ DIP switch setting

- **SET1, SET2-1: Indoor unit capacity** (Setting prohibited)

**NOTE:** DO NOT change these settings at site.

| SET1-1 | SET1-2 | SET1-3 | SET1-4 | SET2-1 | Indoor unit capacity (kW) |
|---|---|---|---|---|---|
| Off | Off | Off | Off | On | 1.1 |
| Off | Off | Off | Off | Off | 2.2 |
| On | Off | Off | Off | Off | 2.8 |
| Off | On | Off | Off | Off | 3.6 |
| On | On | Off | Off | Off | 4.0 |
| Off | Off | On | Off | Off | 4.5 |
| On | Off | On | Off | Off | 5.6 |
| Off | On | On | Off | Off | 7.1 |
| On | On | On | Off | Off | 8.0 |
| Off | Off | Off | On | Off | 9.0 |
| Off | On | On | Off | On | 10.0 |
| On | Off | Off | On | Off | 11.2 |
| Off | On | Off | On | Off | 12.5 |
| On | On | Off | On | Off | 14.0 |
| Off | Off | On | On | Off | 18.0 |
| On | Off | On | On | Off | 22.4 |
| Off | On | On | On | Off | 25.0 |
| On | On | On | On | Off | 28.0 |

- **SET2-2: “Edge” or “Pulse” selection of external input**

| SET2-2 | External input select | Factory setting |
|---|---|---|
| Off | Edge | ♦ |
| On | Pulse | |

- **SET2-3: Switching of Fan delay function**

Fan delay is a function to delay the stop of cooling fan when the air conditioner is stopped.

When auxiliary heater is connected, this switch should be set at “On (Enabled)”. When connecting the auxiliary heater, be careful enough.

| SET2-3 | Fan delay | Factory setting |
|---|---|---|
| Off | Disabled | ♦ |
| On | Enabled | |

- **SET2-4: Setting prohibited**

| SET2-4 | Fan delay | Factory setting |
|---|---|---|
| Off | Off (Fixed) | ♦ |
| On | Setting prohibited | |

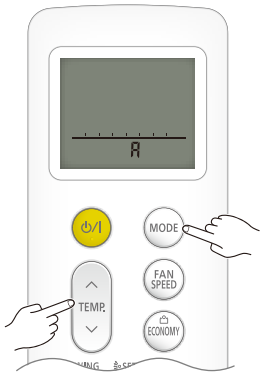


FUNCTION SETTINGS

- **SET3-1, 3-2: Custom code switching of wireless remote controller**
  This DIP switch sets the custom code of the wireless remote controller of an indoor unit.
  If multiple indoor units are being installed in the same room, switch the custom codes of the corresponding wireless remote controllers in order to prevent their signals from being mixed.
  When switching the custom code of the wireless remote controller of an indoor unit, be sure to also switch the code setting on the paired wireless remote controller at the same time.

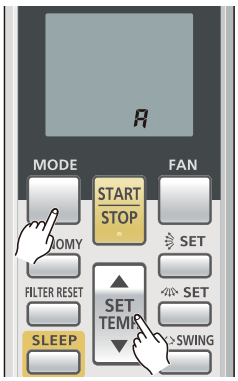
| SET3-1 | SET3-2 | Custom code | Factory setting |
|---|---|---|---|
| Off | Off | Type A | ♦ |
| On | Off | Type B | |
| Off | On | Type C | |
| On | On | Type D | |

**How to switch the code on UTY-LNV∗:**




1. Press the MODE button for more than 5 seconds to start the code change.
2. Press the TEMP. ∧ or ∨ button to select the desired code.
   → A → B → C → D →
3. Press the MODE button again to complete the code change.

**How to switch the code on UTY-LNH∗:**




1. Press the MODE button for more than 5 seconds to start the code change.
2. Press the SET TEMP. ▲ or ▼ button to select the desired code.
   → A → B → C → D →
3. Press the MODE button again to complete the code change.

- **SET3-3, SET3-4: Setting prohibited**

| SET3-3 | SET3-4 | Factory setting |
|---|---|---|
| Off (Setting prohibited) | On (Setting prohibited) | |
| On (Fixed) | Off (Fixed) | ♦ |

- **SET4-1: Switching of Drainage function** (for Mini duct type and Slim duct type only)
  If the drain pump is not used, this switch should be set at “On (Disabled)”.

| SET4-1 | Drainage function | Factory setting |
|---|---|---|
| Off | Enabled | ♦ |
| On | Disabled | |

**NOTE:** When set to “On” (Drainage function: Disabled), be careful not to cause water leakage by the drainage.


FUNCTION SETTINGS

- **SET4-2: Switching of Auto louver grille setting** (for Mini duct type and Slim Duct type only)
  When Auto louver grille kit (optional parts) is attached, this switch should be set “On (Enabled)”.

| SET4-2 | Auto louver grille setting | Factory setting |
|---|---|---|
| Off | Disabled | ♦ |
| On | Enabled | |

- **SET4-3: Setting prohibited**

| SET4-3 | Factory setting |
|---|---|
| Off (Fixed) | ♦ |
| On (Setting prohibited) | |

- **SET4-4: Setting prohibited**

| SET4-4 | Factory setting |
|---|---|
| Off (Fixed) | ♦ |
| On (Setting prohibited) | |

- **SW1: Switching of Remote controller wire type setting**

| SW1 | Remote controller wire type | Factory setting |
|---|---|---|
| 2WIRE | 2-wire | ♦ |
| 3WIRE | 3-wire | |



FUNCTION SETTINGS

# ■ Rotary switch setting

- **IU AD (Indoor unit address): Switching of Indoor unit address**
  Sets the indoor unit addresses. For details, refer to the indoor unit address conversion table in "Address setting" on page 07-4.

| Rotary switch | Description | Remarks | Factory setting |
|---|---|---|---|
| IU AD x1 | Indoor unit address Switch 1 | Indoor unit address (the first digit) | 0 |
| IU AD x10 | Indoor unit address Switch 2 | Indoor unit address (the second digit) | 0 |

- **REF AD (Refrigerant circuit address): Switching of Refrigerant circuit address**
  Sets the refrigerant circuit addresses. For details, refer to the refrigerant circuit address conversion table in "Address setting" on page 07-4.

| Rotary switch | Description | Remarks | Factory setting |
|---|---|---|---|
| REF AD x1 | Refrigerant circuit address Switch 1 | Refrigerant circuit address (the first digit) | 0 |
| REF AD x10 | Refrigerant circuit address Switch 2 | Refrigerant circuit address (the second digit) | 0 |

- **RC AD (Remote controller address): Switching of Remote controller address**
  When the indoor unit is wired by remote controller group, to identity the indoor unit in the remote controller group, the number (remote controller address) in the remote controller group is set.
  – **3-wire type** (only for manual address setting)
  Set the remote controller address in order of 0, 1, 2, 3..., 15. (Blank is not allowed.)

| Rotary switch | Description | Remarks | Factory setting |
|---|---|---|---|
| RC AD | Remote controller address | Remote controller address | 0 |

  – **2-wire type**
  It can choose either automatic address setting or manual address setting.
    - When setting the automatic address:
      Set the remote controller address at “0 (Factory setting)” only.
    - When setting the manual address:
      Set the remote controller address in the 1, 2, 3..., 15.

| Rotary switch | Description | Remarks | Factory setting |
|---|---|---|---|
| RC AD | Remote controller address | Remote controller address | 0 |

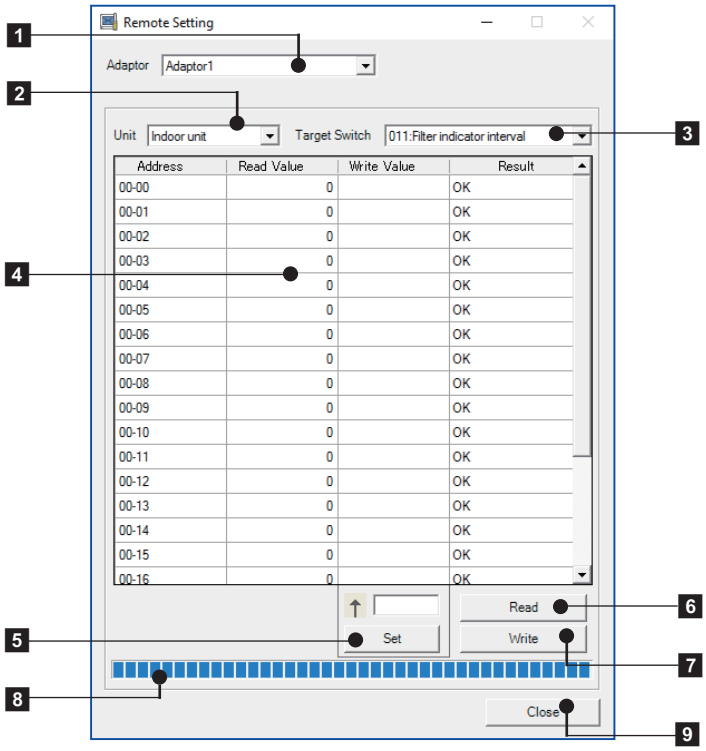
**NOTE:** When performing manual address setting, this setting cannot be set at “0 (Factory setting)”.


FUNCTION SETTINGS

# 2-3. Setting by service tool (UTY-ASGXZ1)

## ■ Remote setting

Function setting of the indoor unit and function setting defined as Function “F2” on the outdoor unit can be changed remotely. (Some settings are not available.)
The processed result can also be output to a CSV file.




### 1 Adapter selection

Selects the transmission adapter that connects the system containing units perform processing.

### 2 Unit type

Selects the unit type of the indoor unit and the outdoor unit that perform processing.

### 3 Target switch

Displays the target item of the local function setting. (No. + name)

### 4 Unit list

Displays a list of addresses (Refrigerant no. - Unit no.) of the target unit selected in 1 and 2.
In addition, multiple units can be handled simultaneously by arbitrary selection (background blue color) for target unit selection.This list displays the following information, in addition to address.

- Read value

  Displays the value of the item selected by combo box in 3 acquired from the target unit.
- Write value

  Displays the set value specified in 5.
- Result

  Displays the result (OK/NG) when 6 and 7 are pressed. When outside the target, ‘--’ is displayed.


FUNCTION SETTINGS

### 5 Write value input

The value input here is set at the write value field of the unit selected in 4.This input value becomes the setting change value of the item selected in 3.

**NOTES:**

- For the set value of each function setting, refer to "Function details" on page 07-147, or the Installation manual of the indoor unit or the outdoor unit.
- When clearing the write value, click the Set button with the field blank after selecting the target unit.

### 6 Read button

Acquires the value of the item selected in 3 from the unit selected in 4, and displays it at the read value field in 4. After the acquirement of the value is completed, subsequent processing can be canceled by clicking the button again.

### 7 Write button

Performs setting of the value input at the write value field of 4. for the unit selected in 4.

Thereafter, the setting contents result is displayed at the read value field of 4 for check use.

After the setting is completed, subsequent processing can be canceled by clicking the button again.

### 8 Progress bar

Displays the processing progress of 6 or 7.

### 9 Close button

Closes this screen (Remote Setting screen). However, when read/write processing for unit was performed, confirmation dialog box opens to confirm whether to save the data to a CSV file.

**NOTES:**

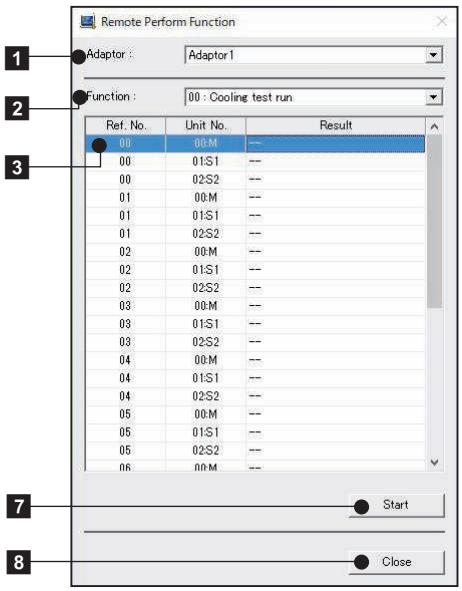
- When both remote setting of the outdoor unit and the setting from the push button on the PCB of the outdoor unit are performed, the setting performed later will be valid.
- When the remote setting of the outdoor unit and the setting from the push button on the PCB of the outdoor unit are performed at the same time, the remote setting will be invalid. Check that the push button is not used before starting the remote setting.



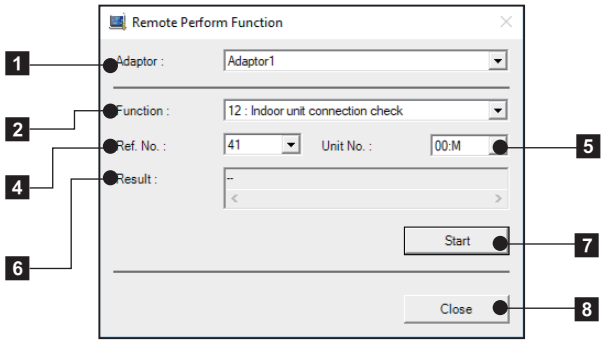
FUNCTION SETTINGS

# ■ Remote perform function

Function defined as “F3” on the outdoor unit can be performed remotely.




When selecting the function applied to multiple outdoor units




When selecting the function applied to one outdoor unit

**1 Adapter name selection**

Selects the transmission adapter that connects the target unit.

**2 Function selection**

Selects the function to be operated remotely. The window display varies depending on the selected function.

**3 Outdoor unit selection (for the function applied to multiple outdoor units)**

Specifies the outdoor unit to be operated remotely. After the function is performed, the result is displayed.

**4 Refrigerant system address selection**

Specifies the refrigerant system address which the outdoor unit to be operated remotely belongs to.

**5 Outdoor unit selection**

Specifies the outdoor unit to be operated remotely.

**6 Result (for the function applied to one outdoor unit)**

After the function is performed, the result is displayed.

**7 Start button**

Performs setting of the value input at the write value field of 4 for the unit selected in 4.

Thereafter, the setting contents result is displayed at the read value field of 4 for check use.

After setting is completed, subsequent processing can be canceled by clicking the button again.



FUNCTION SETTINGS

**8 Close button**

Closes this screen. (Remote Perform Function screen)

**NOTES:**

- Even if you perform another function by the remote perform function or the push button on the PCB of the outdoor unit while a function is operating, the function may not be changed.
- When the remote perform function and the function by the push button on the PCB of the outdoor unit are performed at the same time, the remote perform function will not be operated. Check that the push button is not used before starting the remote perform function.



FUNCTION SETTINGS

# 2-4. Indoor unit (setting by UTY-LNV∗)

**⚠ CAUTION**

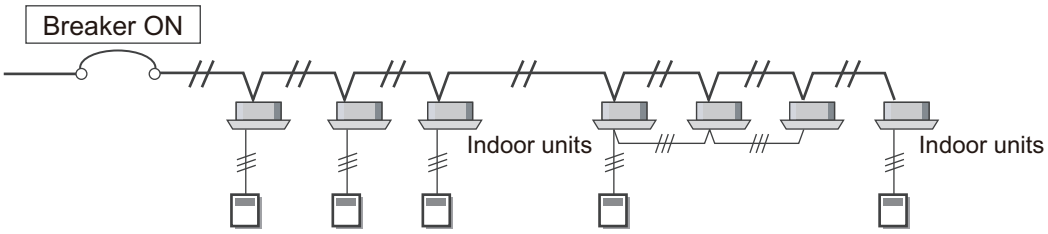
This setting changes the function settings used to control the indoor unit according to the installation conditions. Incorrect settings can cause a product malfunction.

- After the power is turned on, perform the “Function setting” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function number or Setting number.
- Settings will not be changed if invalid numbers or setting numbers are selected.

## ■ Preparation

1. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

2. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.




Before proceeding the function setting, refer to the following sections and perform necessary steps:

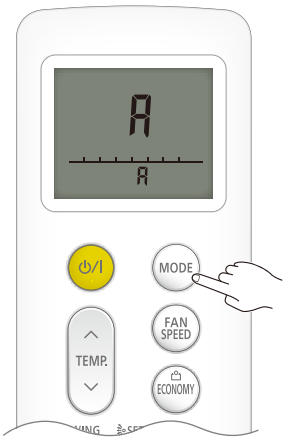
- "Button name and function" on page 07-25
- "Entering function setting mode" on page 07-26
- "Selection and confirmation of custom code" on page 07-27



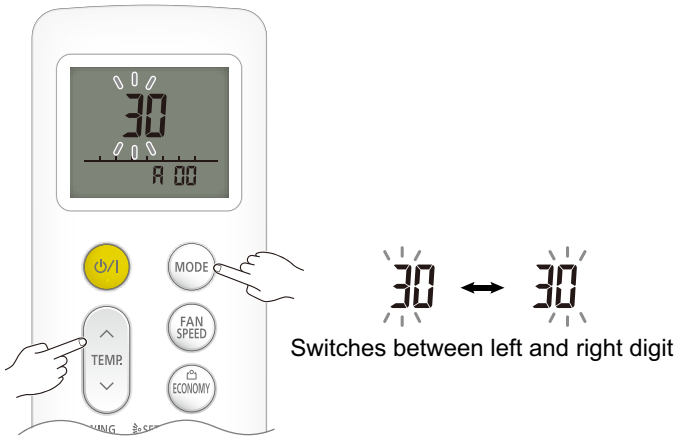
FUNCTION SETTINGS

# ■ Indoor unit function setting

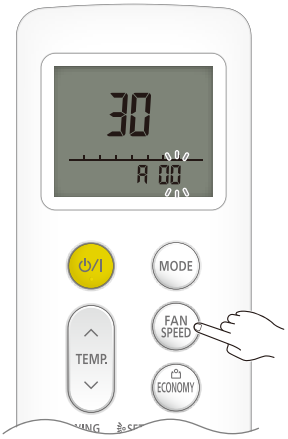
1. Press the MODE button to enter the function setting mode.




2. Press the TEMP. ∧ or ∨ button to adjust the function number.
Each time the MODE button is pressed, it switches between the left digit and the right digit.



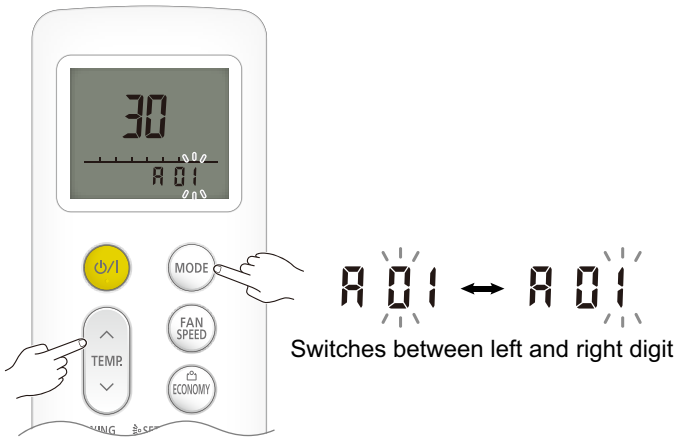

3. Press the FAN SPEED button to proceed to number setting. To return to the function number adjustment, press the FAN SPEED button again.



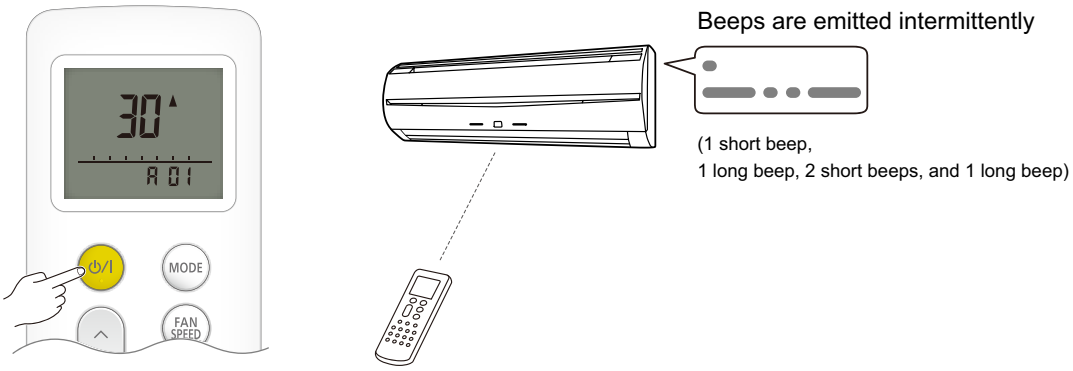


FUNCTION SETTINGS

4. Press the TEMP. ∧ or ∨ button to adjust the setting number.
   Each time the MODE button is pressed, it switches between the left digit and the right digit.




5. Send the information by pressing the ⏻/I (start/stop) button once. A beeping sound (1 short beep, 1 long beep, 2 short beeps, and 1 long beep) will be emitted if the command is accepted.




In the following case, the setting signal will not be accepted correctly and 1 short beep and 1 long beep will be emitted:

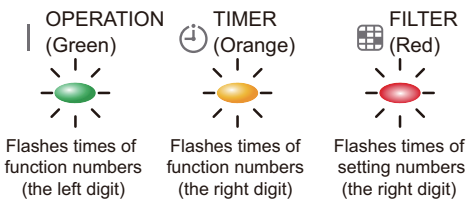
- The function setting number is set out of range


FUNCTION SETTINGS

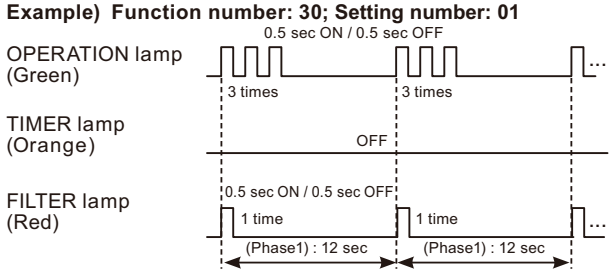
6. Indoor unit lamps will indicate the function setting number as follows:

**Case 1: When setting number is one digit**

Indoor unit lamps will indicate the function setting number on the OPERATION (Green) lamp, TIMER (Orange) lamp, and FILTER (Red) lamp.



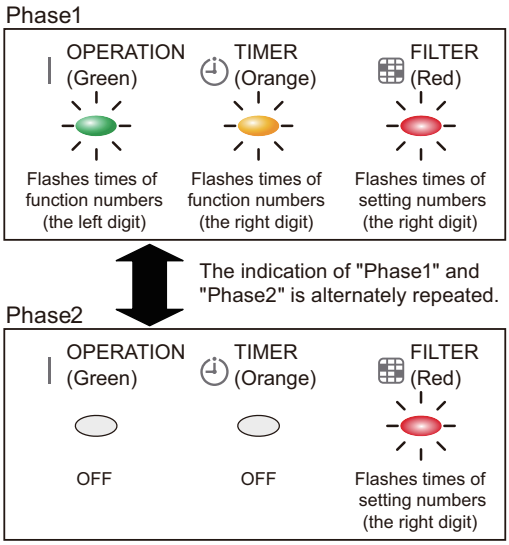

**Example) Function number: 30; Setting number: 01**



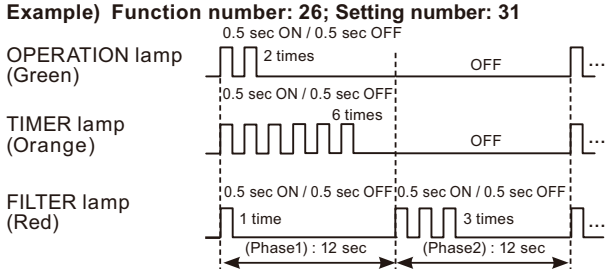

When the number setting is “0”, TIMER lamp and FILTER lamp will not flash.

**Case 2: When setting number is two digits**

Indoor unit lamps will indicate the function setting number on the OPERATION (Green) lamp, TIMER (Orange) lamp, and FILTER (Red) lamp.




**Example) Function number: 26; Setting number: 31**




When the number setting is “0”, TIMER lamp and FILTER lamp will not flash.

FUNCTION SETTINGS

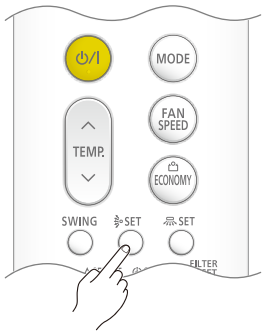
FUNCTION SETTINGS

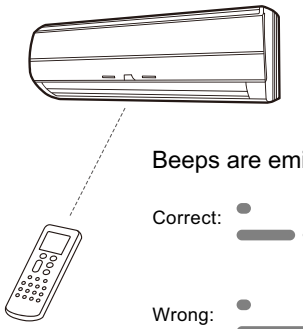
## RELATED LINKS

"Function details" on page 07-147

## ■ Confirmation of function setting

To confirm the function setting is properly configured, press the SET button.



Beeps are emitted intermittently as follows:

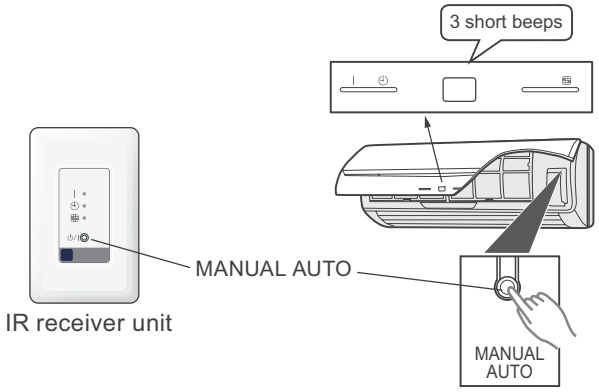
Correct: (1 short beep, 1 long beep, 4 short beeps, and 1 long beep)

Wrong: (3 sec) (1 short beep and 1 long beep)

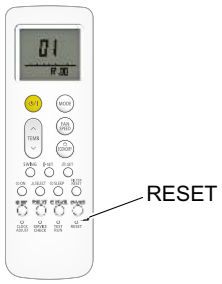
## ■ Completion of function setting mode

- The position of the MANUAL AUTO button varies depending on the model. For the actual position of the button on each unit, refer to the operation manual.
- If the MANUAL AUTO button is pressed continuously for 10 seconds or more, the error will be displayed. In this case, release the button or turn off the power.

1. Press and hold the MANUAL AUTO button for 3 seconds. The brightness of each indicator lamp is darkening though the content of the display does not change.




2. Press the RESET button.



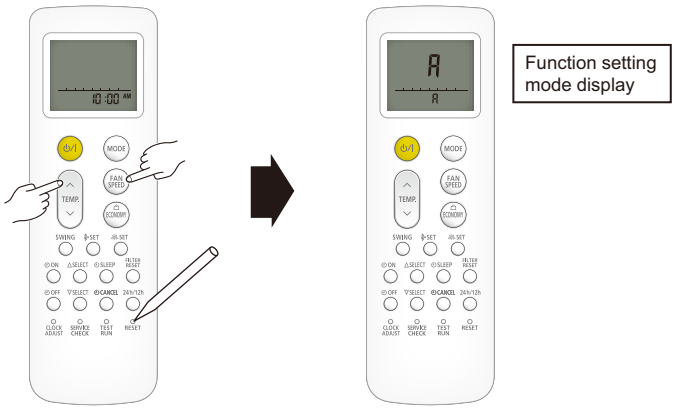

For the custom code setting of b, c, or d, perform the setting after pressing the RESET button.

- After completing the procedure above, no function setting signal is received. If the function setting signal is sent, 1 short beep and 1 long beep will be emitted indicating an error.
- When returning the function setting mode again, press the MANUAL AUTO button for 3 seconds.

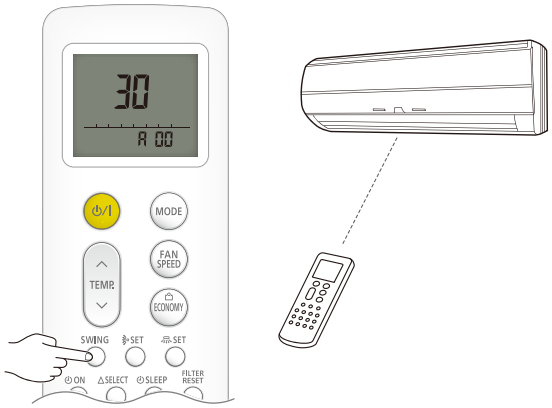

FUNCTION SETTINGS

# ■ Reconfirmation of function setting

1. Press and hold the FAN SPEED and the TEMP. ∧ buttons. While holding these 2 buttons, press the RESET button.

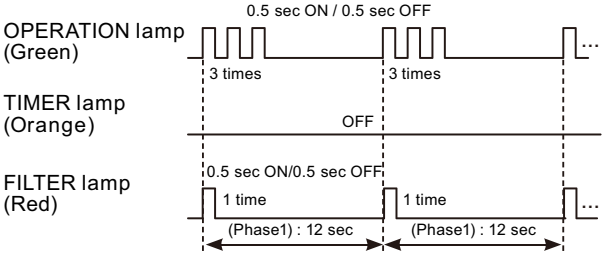



2. Function number to be confirmed is displayed on the remote controller LCD.
   Press the TEMP.∧ or ∨ button to adjust the setting number. Each time the MODE button is pressed, it switches between the left digit and the right digit.
   Press the SWING button.



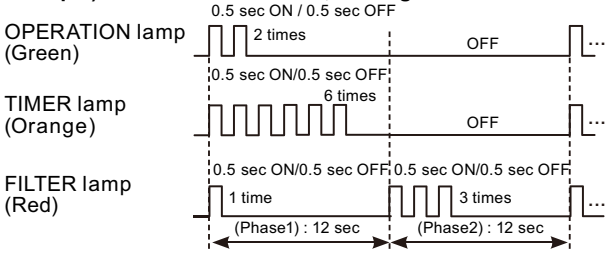

**Case1: When setting number is one digit**

**Example) Function number: 30; Setting number: 01**




**Case2: When setting number is two digits**

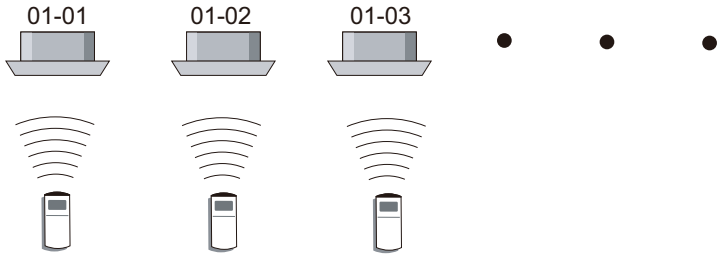
**Example) Function number: 26; Setting number: 31**



## ■ Setting up each indoor unit

Setting must be performed on each indoor unit by repeating following procedures.

- "Preparation" on page 07-113
- "Indoor unit function setting" on page 07-114
- "Confirmation of function setting" on page 07-117
- "Completion of function setting mode" on page 07-117
- "Reconfirmation of function setting" on page 07-118




When the custom code is different to "H" (factory setting), only following procedures need to be performed.

- "Preparation" on page 07-113
- "Completion of function setting mode" on page 07-117
- "Reconfirmation of function setting" on page 07-118

## ■ Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

Number “0” setting will not be indicated on TIMER lamp and FILTER lamp.

Once the RESET button is pressed on the remote controller, the operation mode will be set to the AUTO MODE.

Adjust the operation mode to either cooling or heating before starting the operation of the air conditioner.

**NOTE:** If custom code other than "H" is set, the remote control must be set accordingly to the indoor unit setting.



FUNCTION SETTINGS

# ■ Switching indoor unit setting mode

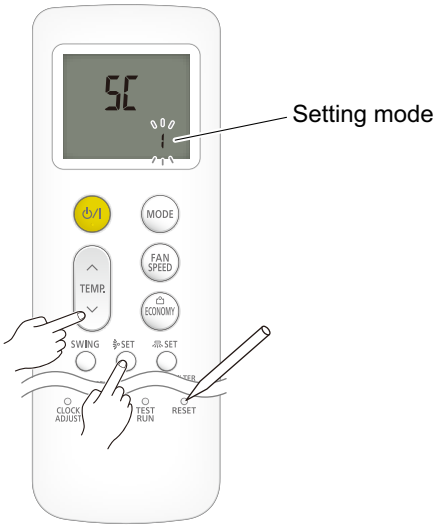
The temperature indicator increments and fan speed steps may differ depending on the indoor unit model. In that case, it is necessary to switch the setting mode of this remote controller.

**NOTE:** When the setting mode of this remote controller does not match the indoor unit, you cannot start operation using this remote controller.

| **Setting mode** | 1 (Factory setting) | 2 |
|---|---|---|
| **Temperature indicator increments** | 0.5°C (1°F) | 1°C (2°F) |
| **Fan speed steps** | 6-speed | 3-speed |

To switch the setting mode, do as follows.

1. Press and hold the TEMP. ∨ and SET buttons. While holding these 2 buttons, press the RESET button.




2. Press the TEMP. ∧ or ∨ button to change the setting mode 1 or 2.
3. Press the ⏻/I (start/stop) button to complete the setting.


FUNCTION SETTINGS

# 2-5. Indoor unit (setting by UTY-LNH∗)

**⚠ CAUTION**

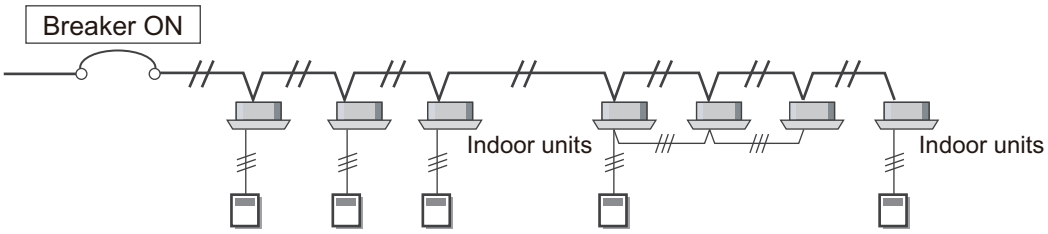
This setting changes the function settings used to control the indoor unit according to the installation conditions. Incorrect settings can cause a product malfunction.

- After the power is turned on, perform the “Function setting” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function number or Setting number.
- Settings will not be changed if invalid numbers or setting numbers are selected.

## ■ Preparation

1. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

2. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.

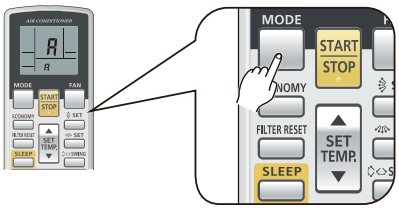



Before proceeding the function setting, refer to the following sections and perform necessary steps:

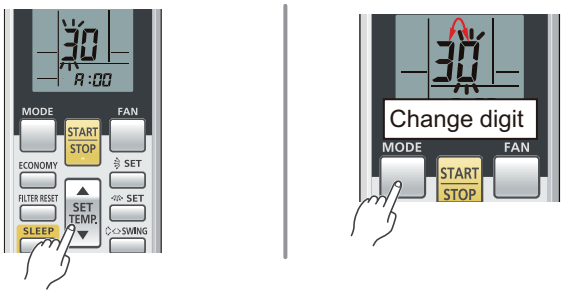
- "Button name and function" on page 07-37
- "Entering function setting mode" on page 07-38
- "Selection and confirmation of custom code" on page 07-39

## ■ Indoor unit function setting

1. Press the MODE button to enter the function setting mode.




2. Press the SET TEMP.▲ or ▼ button to adjust the function number.
   Each time the MODE button is pressed, it switches between the left digit and the right digit.

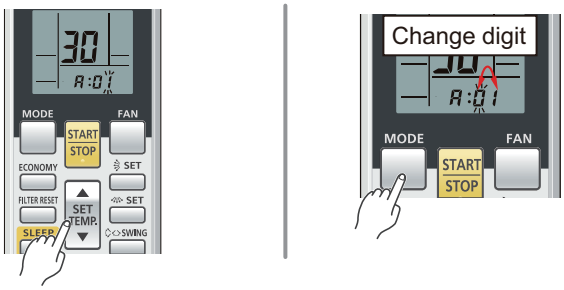




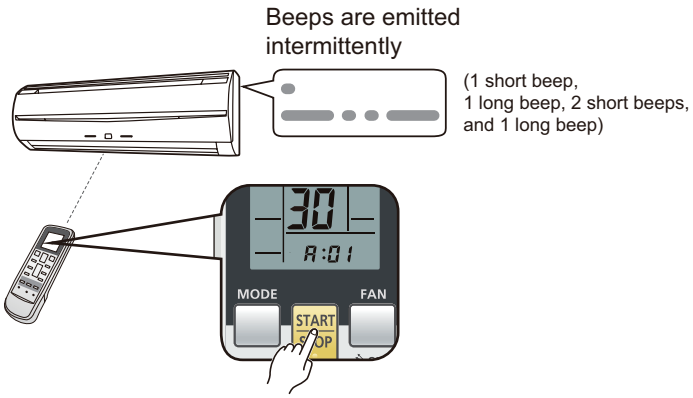
FUNCTION SETTINGS

3. Press the FAN button to proceed to number setting. To return to the function number adjustment, press the FAN button again.

4. Press the SET TEMP. ▲ or ▼ button to adjust the setting number.
Each time the MODE button is pressed, it switches between the left digit and the right digit.




5. Send the information by pressing the START/STOP button once. A beeping sound (1 short beep, 1 long beep, 2 short beeps, and 1 long beep) will be emitted if the command is accepted.




In the following case, the setting signal will not be accepted correctly and 1 short beep and 1 long beep will be emitted:

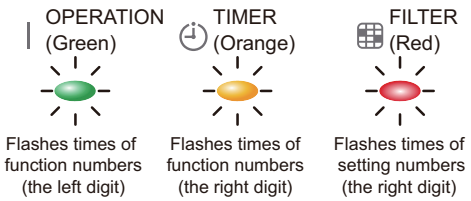
- The function setting number is set out of range

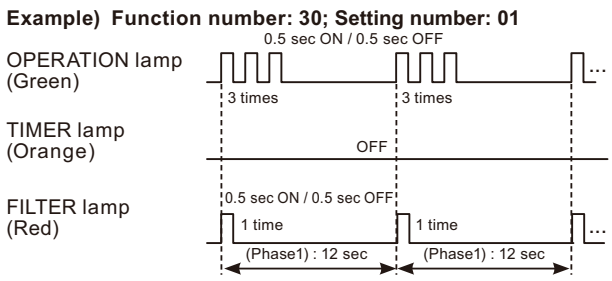

FUNCTION SETTINGS

6. Indoor unit lamps will indicate the function setting number as follows:

**Case 1: When setting number is one digit**

Indoor unit lamps will indicate the function setting number on the OPERATION (Green) lamp, TIMER (Orange) lamp, and FILTER (Red) lamp.

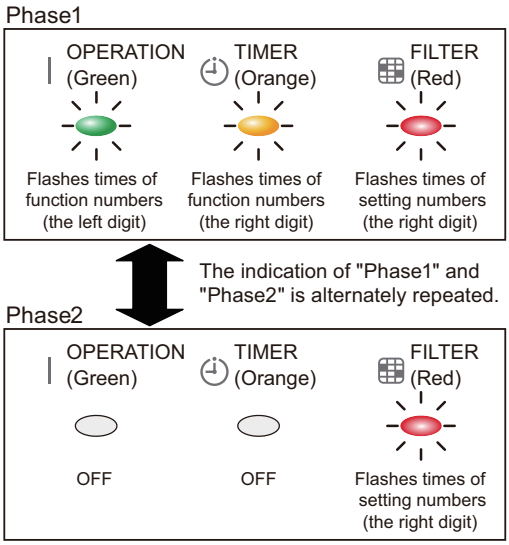


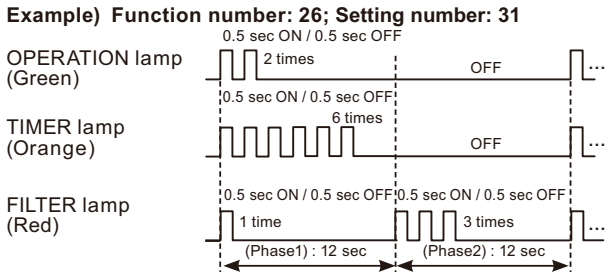




When the number setting is “0”, TIMER lamp and FILTER lamp will not flash.

**Case 2: When setting number is two digits**

Indoor unit lamps will indicate the function setting number on the OPERATION (Green) lamp, TIMER (Orange) lamp, and FILTER (Red) lamp.




When the number setting is “0”, TIMER lamp and FILTER lamp will not flash.

FUNCTION SETTINGS

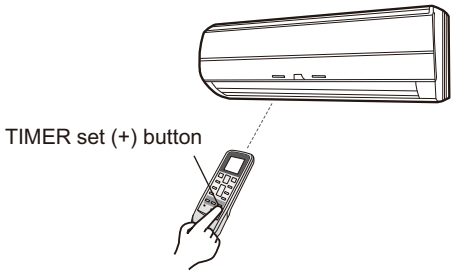
FUNCTION SETTINGS

**RELATED LINKS**

"Function details" on page 07-147

## ■ Confirmation of function setting

To confirm the function setting is properly configured, press the TIMER set (+) button.




Beeps are emitted intermittently as follows:

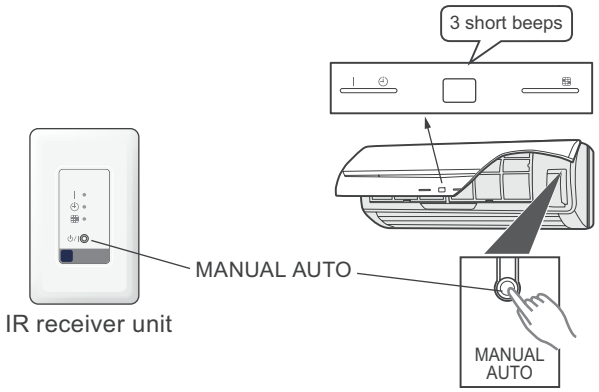
Correct: (1 short beep, 1 long beep, 4 short beeps, and 1 long beep)

Wrong: (3 sec) (1 short beep and 1 long beep)

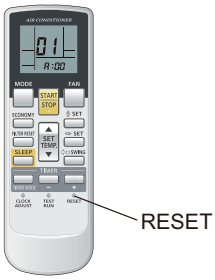
# ■ Completion of function setting mode

- The position of the MANUAL AUTO button varies depending on the model. For the actual position of the button on each unit, refer to the operation manual.
- If the MANUAL AUTO button is pressed continuously for 10 seconds or more, the error will be displayed. In this case, release the button or turn off the power.

1. Press and hold the MANUAL AUTO button for 3 seconds. The brightness of each indicator lamp is darkening though the content of the display does not change.




2. Press the RESET button.



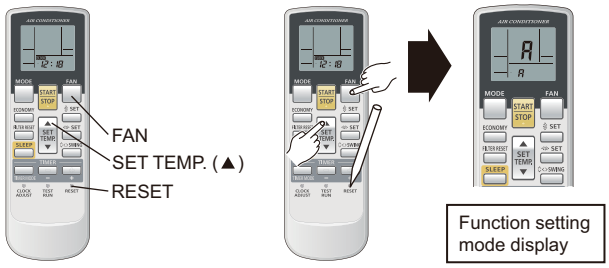

For the custom code setting of b, c, or d, perform the setting after pressing the RESET button.

- After completing the procedure above, no function setting signal is received. If the function setting signal is sent, 1 short beep and 1 long beep will be emitted indicating an error.
- When returning the function setting mode again, press the MANUAL AUTO button for 3 seconds.

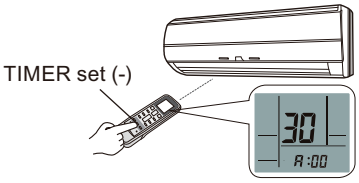

FUNCTION SETTINGS

# ■ Reconfirmation of function setting

1. While holding down the FAN and the SET TEMP.▲ buttons, press the RESET button. The function setting mode will be activated.

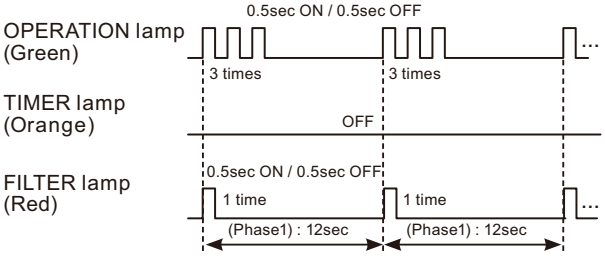



2. Function number to be confirmed is displayed on the remote controller LCD.
   Press the SET TEMP.▲ or ▼ button to adjust the setting number. Each time the MODE button is pressed, it switches between the left digit and the right digit.
   Press the TIMER set (-) button.



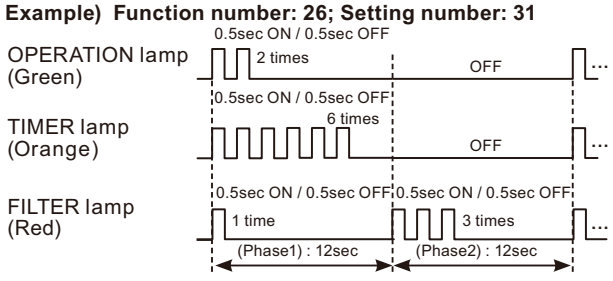

**Case1: When setting number is one digit**

**Example) Function number: 30; Setting number: 01**




**Case2: When setting number is two digits**

**Example) Function number: 26; Setting number: 31**



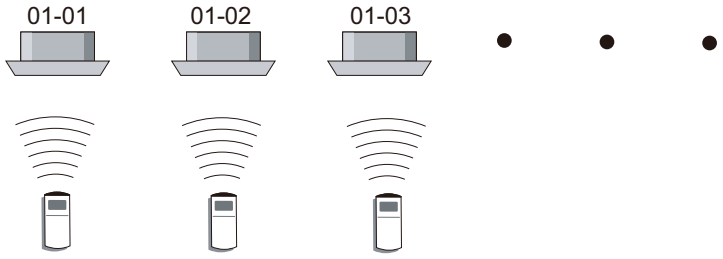



FUNCTION SETTINGS

## ■ Setting up each indoor unit

Setting must be performed on each indoor unit by repeating following procedures.

- "Preparation" on page 07-121
- "Indoor unit function setting" on page 07-121
- "Confirmation of function setting" on page 07-123
- "Completion of function setting mode" on page 07-124
- "Reconfirmation of function setting" on page 07-125




When the custom code is different to "H" (factory setting), only following procedures need to be performed.

- "Preparation" on page 07-121
- "Completion of function setting mode" on page 07-124
- "Reconfirmation of function setting" on page 07-125

## ■ Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

Number “0” setting will not be indicated on TIMER lamp and FILTER lamp.

Once the RESET button is pressed on the remote controller, the operation mode will be set to the AUTO MODE.

Adjust the operation mode to either cooling or heating before starting the operation of the air conditioner.

**NOTE:** If custom code other than "H" is set, the remote control must be set accordingly to the indoor unit setting.



FUNCTION SETTINGS

# 2-6. Indoor unit (setting by UTY-RNK∗)

**⚠ CAUTION**

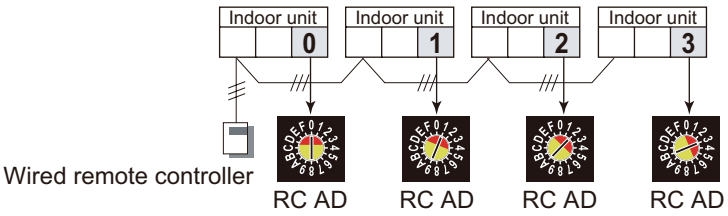
This setting changes the function settings used to control the indoor unit according to the installation conditions. Incorrect settings can cause a product malfunction.

- After the power is turned on, perform the “Function setting” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function number or Setting number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function is not available on the subordinate units.

## ■ Preparation

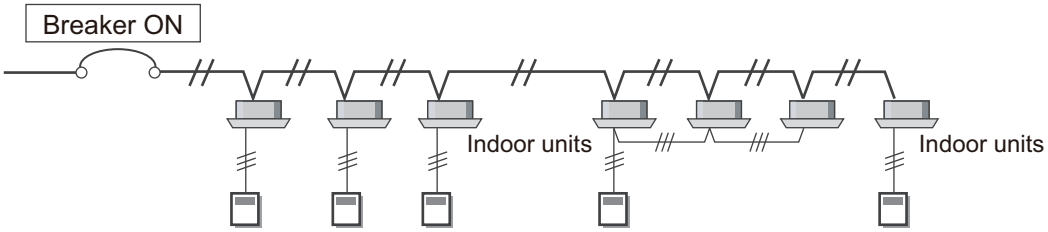
1. If multiple indoor units are connected to a single wired remote controller, set up the remote controller address (RC AD) manually on the indoor units PCBs by referring "Manual address setting method" on page 07-11.

**Example: When 4 indoor units are connected**




2. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

3. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.

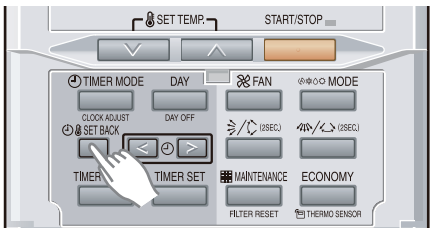


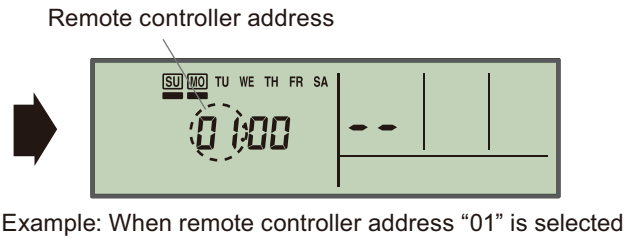

Before proceeding the function setting, refer to the following sections and perform necessary steps:

- "Button name and function" on page 07-48
- "Entering setting mode" on page 07-48

## ■ Indoor unit function setting

1. In the initial display of setting mode, by pressing the SET BACK button, select a remote controller address. (Select the indoor unit you want to operate.)

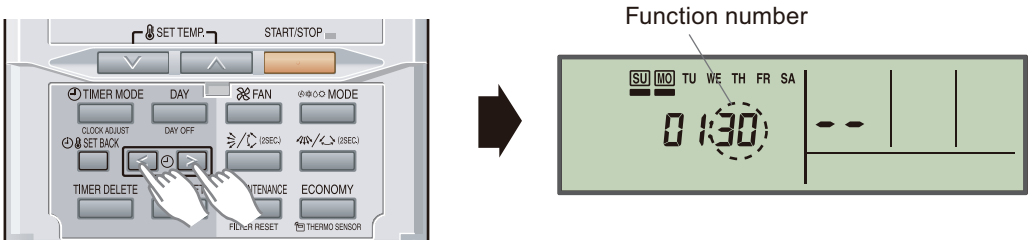


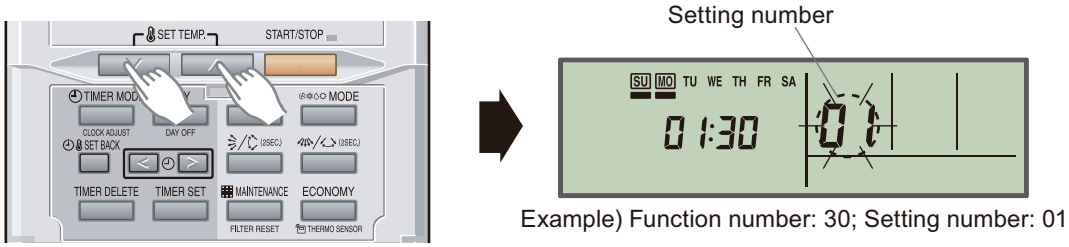

Example: When remote controller address “01” is selected


FUNCTION SETTINGS

2. Select the function number by pressing the SET TIME “<” button or SET TIME “>” button.

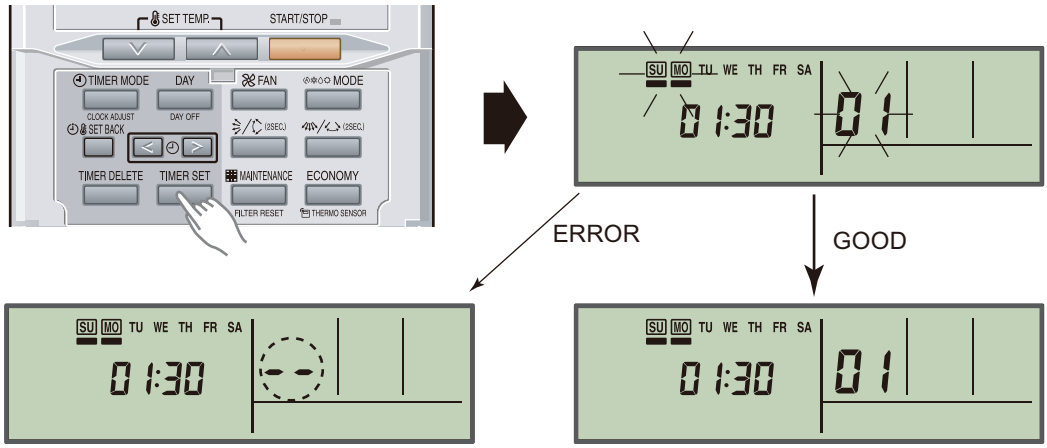



3. Select the setting number by pressing the SET TEMP. “∨” or the SET TEMP. “∧” button. The setting number indication flashes during number selection setting.




Example) Function number: 30; Setting number: 01

4. Confirm the setting by pressing the TIMER SET button. The data will be transferred to the indoor unit.




- When the address data is properly set up on the indoor unit, the flashing of the number stops and the set number will be displayed. (GOOD)
- When the address data is not set up correctly, “- -” is displayed. (ERROR) Back to the previous step and set up the indoor unit address data again.

FUNCTION SETTINGS

FUNCTION SETTINGS

**RELATED LINKS**

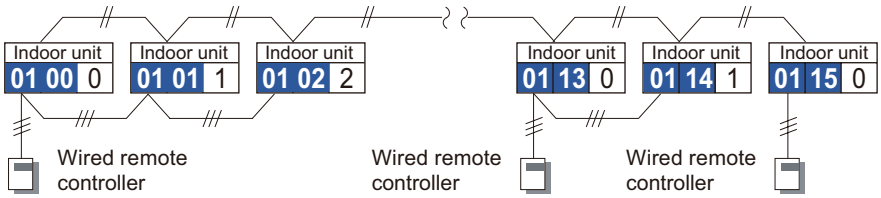
"Completion of setting mode" on page 07-51

"Function details" on page 07-147

## ■ Setting up each indoor unit

Setting must be performed on each indoor unit by repeating following procedures.

- "Preparation" on page 07-127
- "Indoor unit function setting" on page 07-127
- "Completion of setting mode" on page 07-51




## ■ Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.


FUNCTION SETTINGS

# 2-7. Indoor unit (setting by UTY-RSR∗, UTY-RHR∗)

**⚠ CAUTION**

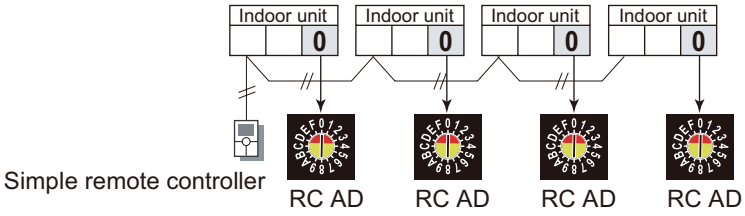
This setting changes the function settings used to control the indoor unit according to the installation conditions. Incorrect settings can cause a product malfunction.

- After the power is turned on, perform the “Function setting” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function number or Setting number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function is not available on the subordinate units.
- Before starting the function setting, refer to the indoor unit installation manual and prepare for the setting.
- For details on the function numbers and setting numbers, refer to the indoor unit installation manual.

## ■ Preparation

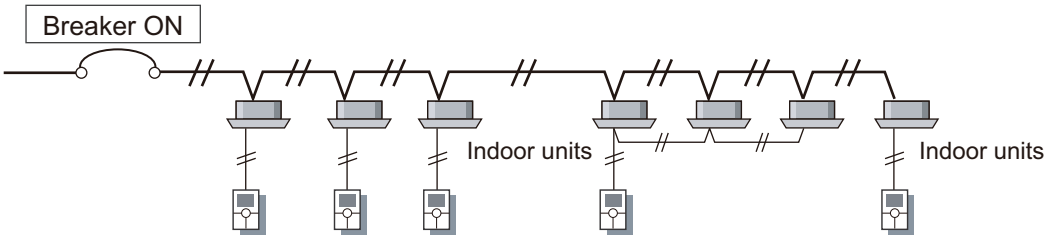
1. If multiple indoor units are connected to a single wired remote controller, set up the remote controller address with “Automatic address setting”.

**Example: When 4 indoor units are connected**




2. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

3. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.




Before proceeding the function setting, refer to the following section and perform necessary steps:

- "Entering setting mode" on page 07-53

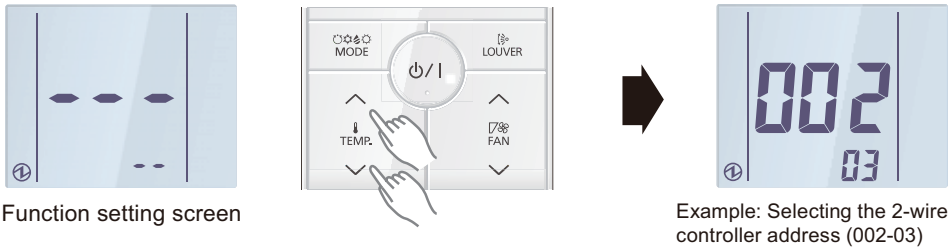


FUNCTION SETTINGS

# ■ Indoor unit function setting

**NOTE:** Perform this setting on the primary remote controller.

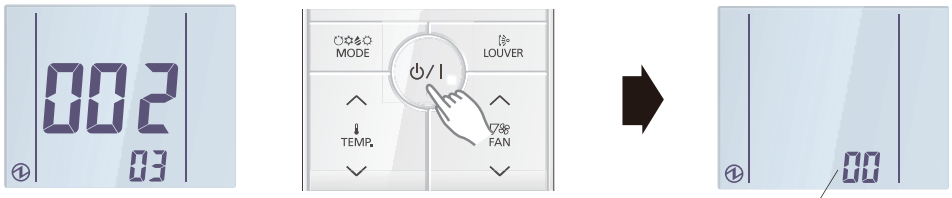
1. While displaying the function setting screen, press the TEMP. "∧" or TEMP. "∨" button to select the 2-wire remote controller address.




Function setting screen

Example: Selecting the 2-wire remote controller address (002-03)

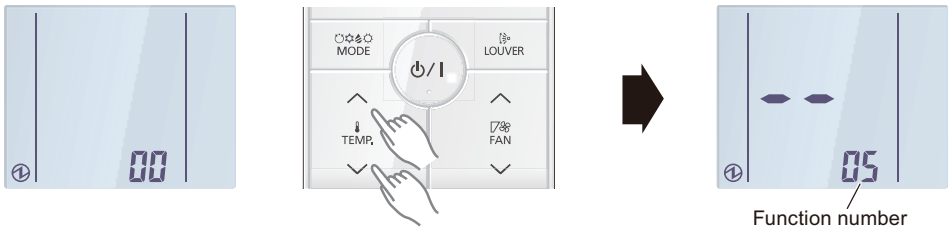
2. Press the START/STOP⏻/I button to switch to the function number setting.




Example: Selecting the 2-wire remote controller address

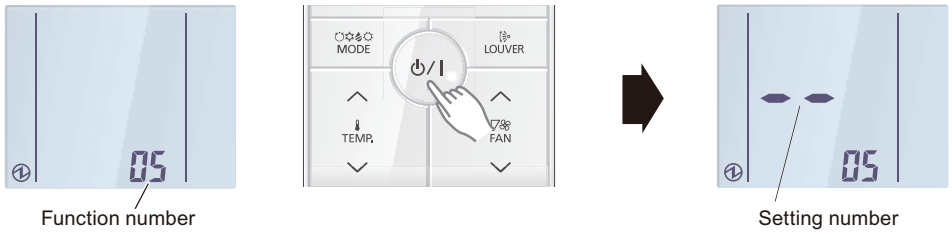
Function number

3. Press the TEMP. "∧" or TEMP. "∨" button to adjust the function number.




Function number

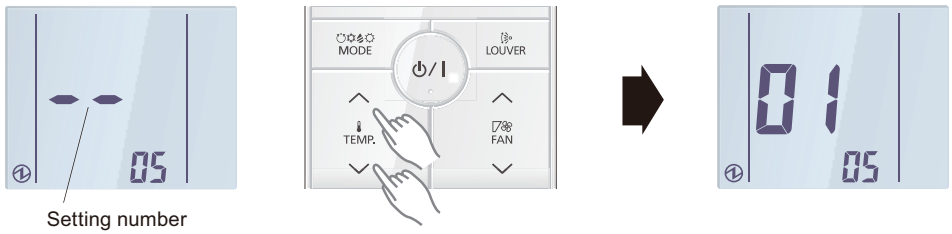
4. Press the START/STOP⏻/I button to switch to the setting number adjustment.




Function number

Setting number

5. Press the TEMP. "∧" or TEMP. "∨" button to adjust the setting number.




Setting number

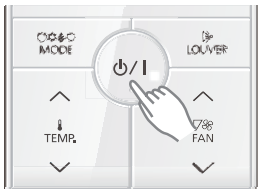
6. Press the START/STOP⏻/I button. The data will be transferred to the indoor unit, and the setting result will be displayed.



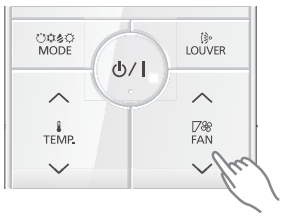
FUNCTION SETTINGS

7. To return to the 2-wire remote controller address selection screen, press the START/STOP⏻/I button. If setting has been completed, press FAN "⌄" button to return to the Menu 2-F1 item selection screen.

When returning to the 2-wire remote controller address selection screen




Setting completed and returning to the Menu 2-F1 item selection screen



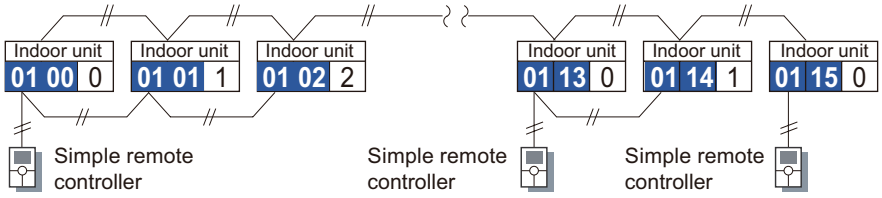

**RELATED LINKS**

"Completion of setting mode" on page 07-57
"Function details" on page 07-147

## ■ Setting up each indoor unit

Setting must be performed on each indoor unit by repeating following procedures.


- "Preparation" on page 07-130
- "Indoor unit function setting" on page 07-131
- "Completion of setting mode" on page 07-57


## ■ Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.


FUNCTION SETTINGS

# 2-8. Indoor unit (setting by UTY-RSK∗, UTY-RHK∗)

**⚠ CAUTION**

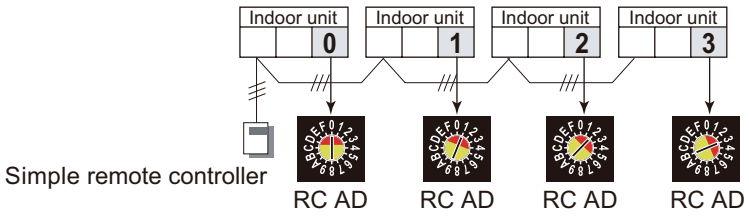
This setting changes the function settings used to control the indoor unit according to the installation conditions. Incorrect settings can cause a product malfunction.

- After the power is turned on, perform the “Function setting” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function number or Setting number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function is not available on the subordinate units.

## ■ Preparation

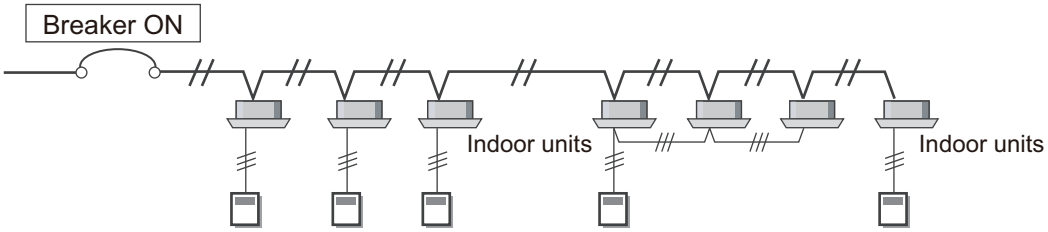
1. If multiple indoor units are connected to a single simple remote controller, set up the remote controller address (RC AD) manually on the indoor units PCBs by referring "Manual address setting method" on page 07-11.

**Example: When 4 indoor units are connected**




2. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

3. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.




Before proceeding the function setting, refer to the following sections and perform necessary steps:

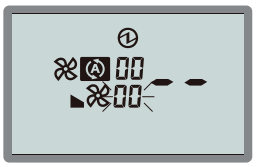
- "Button name and function" on page 07-60
- "Entering setting mode" on page 07-60



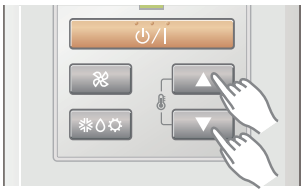
FUNCTION SETTINGS

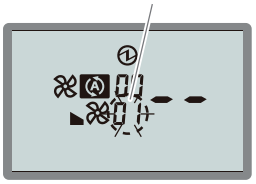
# ■ Indoor unit function setting

1. In initial display of the setting mode, by pressing SET TEMP. "▲" button or SET TEMP. "▼" button, select a remote controller address. (Select the indoor unit you want to operate.)



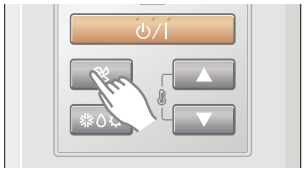
Initial display of address setting mode

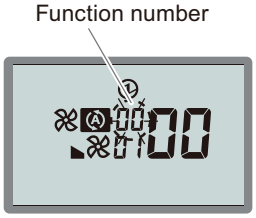




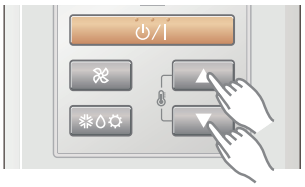

Example: When remote controller address "01" is selected

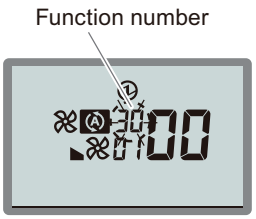
2. Press the FAN button. "Function number" indicator flashes.



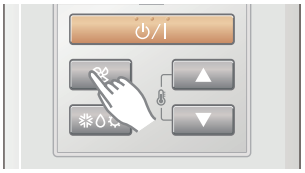


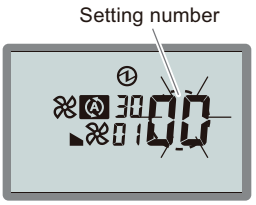

3. Set up the function number by pressing SET TEMP. "▲" button or SET TEMP. "▼" button.



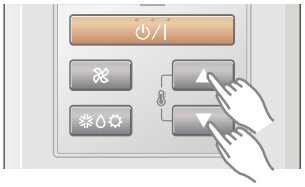


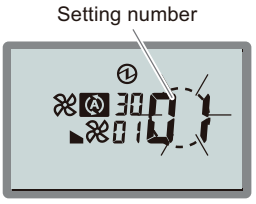

4. Press the FAN button. "Setting number" indicator flashes.






5. Set up the setting number by pressing SET TEMP. "▲" button or SET TEMP. "▼" button.



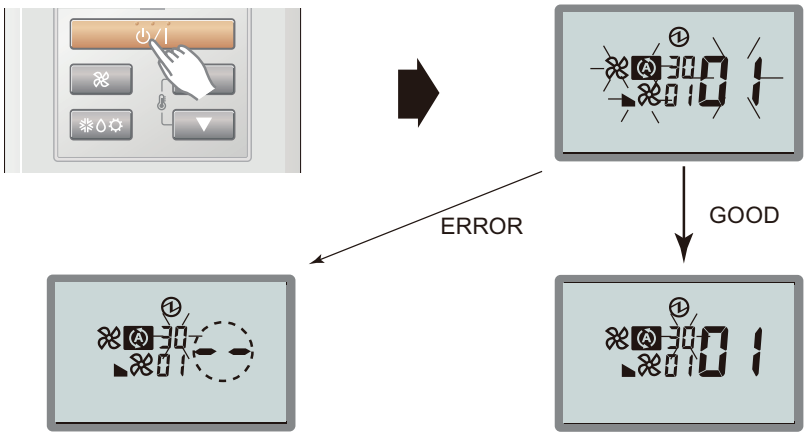



Example) Function number: 30; Setting number: 01



FUNCTION SETTINGS

6. Confirm the setting by pressing the START/STOP⏻/I button. The data will be transferred to the indoor unit.




- When the setting is properly set up on the indoor unit, the set number will be displayed. (GOOD)
- When the setting is not set up correctly, "- -" is displayed. (ERROR) Back to the previous step and perform the setting again.

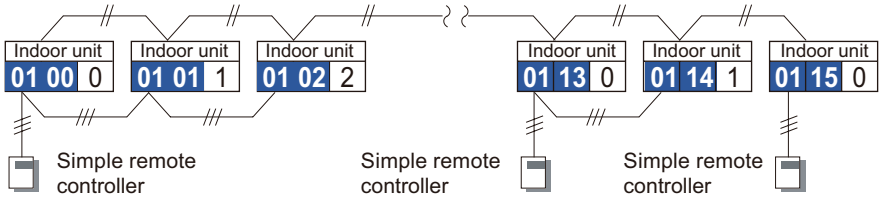
**RELATED LINKS**

"Completion of setting mode" on page 07-64
"Function details" on page 07-147

## ■ Setting up each indoor unit

Setting must be performed on each indoor unit by repeating following procedures.

- "Preparation" on page 07-133
- "Indoor unit function setting" on page 07-134




## ■ Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

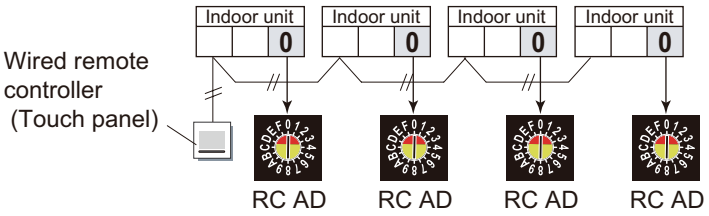

FUNCTION SETTINGS

# 2-9. Indoor unit (setting by UTY-RVR∗)

## ■ Preparation

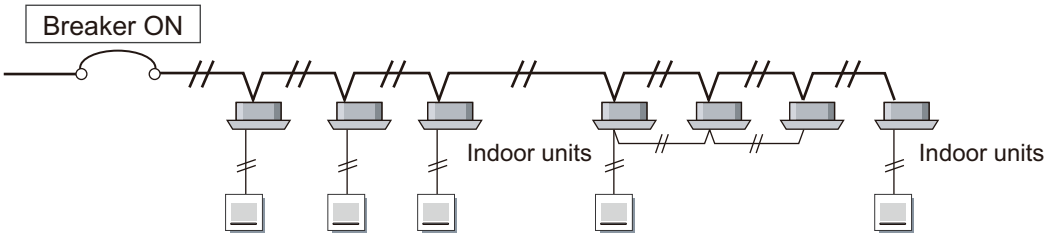
1. If multiple indoor units are connected to a single wired remote controller, set up the remote controller address with “Automatic address setting”.

**Example: When 4 indoor units are connected**




2. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

3. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.




Before proceeding the function setting, refer to the following sections and perform necessary steps:

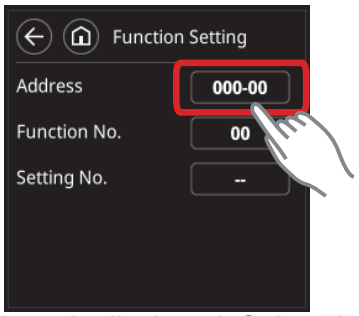

- "Entering setting mode" on page 07-71
- "Entering setting mode" on page 07-48



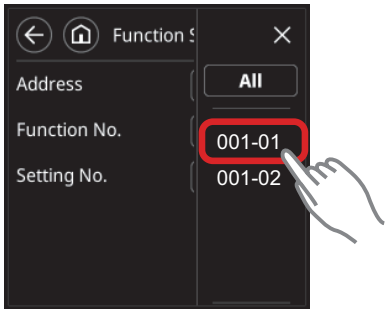

FUNCTION SETTINGS

# ■ Indoor unit function setting

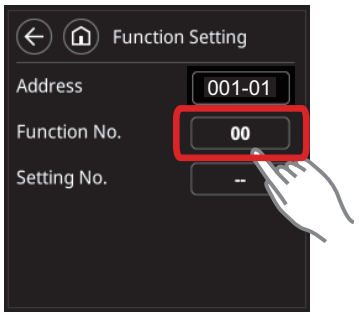
1. Tap “Address” on the Function Setting screen.



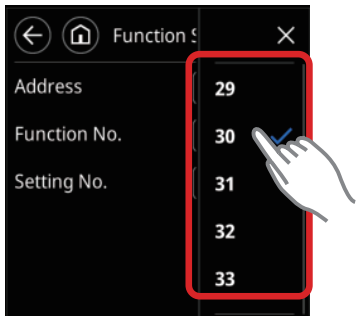

2. Pull-down window of indoor unit address is displayed. Select the address of the indoor unit whose function number is to be set.



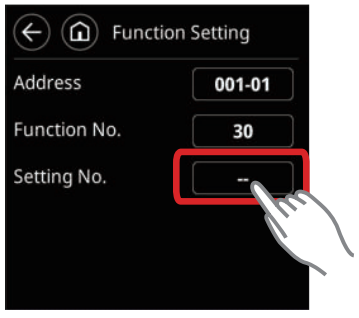

3. Tap “Function No.” on the Function Setting screen.




4. Pull-down window of Function No. is displayed. Set the Function No to be set.



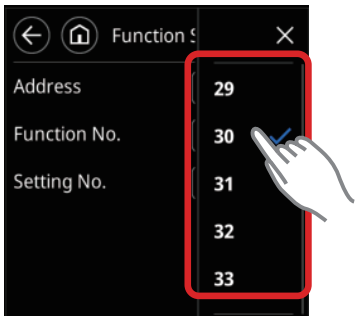

5. Tap “Setting No.” on the Function Setting screen.



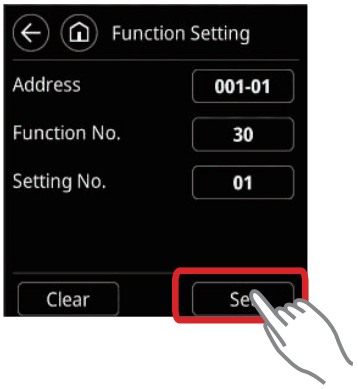



FUNCTION SETTINGS

6. Pull-down window of “Setting No.” is displayed. Set the Setting No.




7. Tap “Set” on the verification screen.




Tap to return to the Initial Setting screen.

**RELATED LINKS**

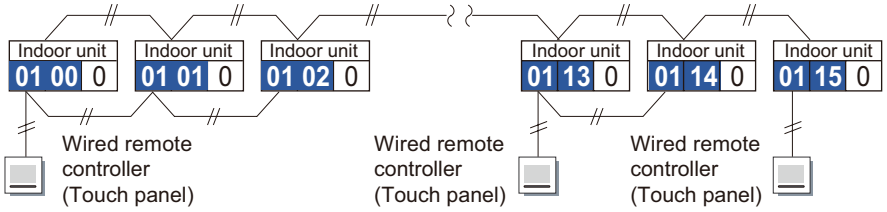
"Completion of setting mode" on page 07-73
"Function details" on page 07-147


FUNCTION SETTINGS

## ■ Setting up each indoor unit

Setting must be performed on each indoor unit by repeating following procedures.

- "Preparation" on page 07-136
- "Indoor unit function setting" on page 07-141




## ■ Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.


FUNCTION SETTINGS

# 2-10. Indoor unit (setting by UTY-RNR∗Z∗)

**⚠ CAUTION**

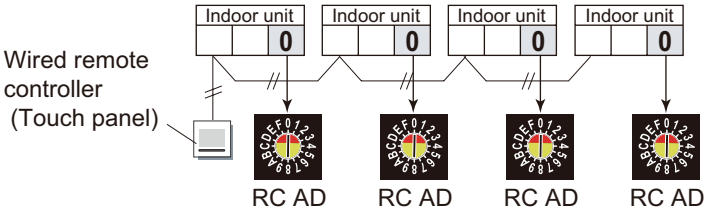
This setting changes the function settings used to control the indoor unit according to the installation conditions. Incorrect settings can cause a product malfunction.

- After the power is turned on, perform the “Function setting” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function number or Setting number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function is not available on the subordinate units.

## ■ Preparation

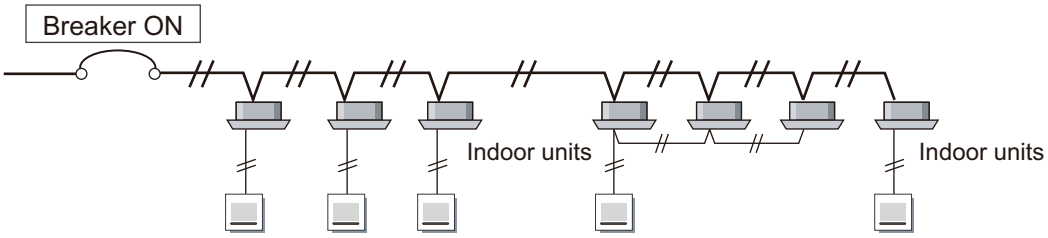
1. If multiple indoor units are connected to a single wired remote controller, set up the remote controller address with “Automatic address setting”.

**Example: When 4 indoor units are connected**




2. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

3. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.




Before proceeding the function setting, refer to the following sections and perform necessary steps:

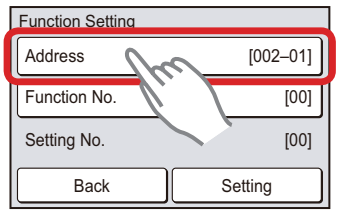
- "Entering setting mode" on page 07-71
- "Entering setting mode" on page 07-48



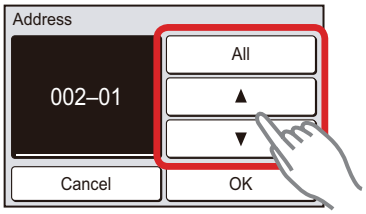
FUNCTION SETTINGS

# ■ Indoor unit function setting

1. Touch “Address” on the Function Setting screen.

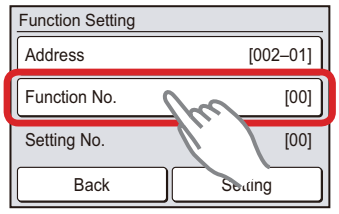



2. Address screen is displayed. Select the address of the indoor unit whose function number is to be set by touching “▲” or “▼”. When setting at all the indoor units, touch “All”.

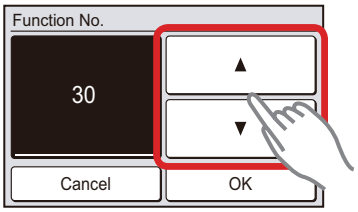



When “OK” is touched, the display returns to the Function Setting screen.

3. Touch “Function No.” on the Function Setting screen.

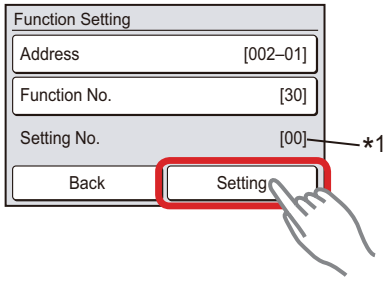



4. Function No. screen is displayed. Set the Function No. by touching “▲” or “▼”.




When “OK” is touched, the display returns to the Function Setting screen.

5. Touch “Setting” on the Function Setting screen.

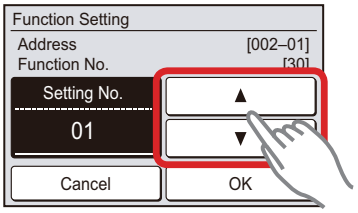



*1: When “All” is selected in step 2, and different Setting No. is set from 2 or more indoor units, “-” is displayed here.



FUNCTION SETTINGS

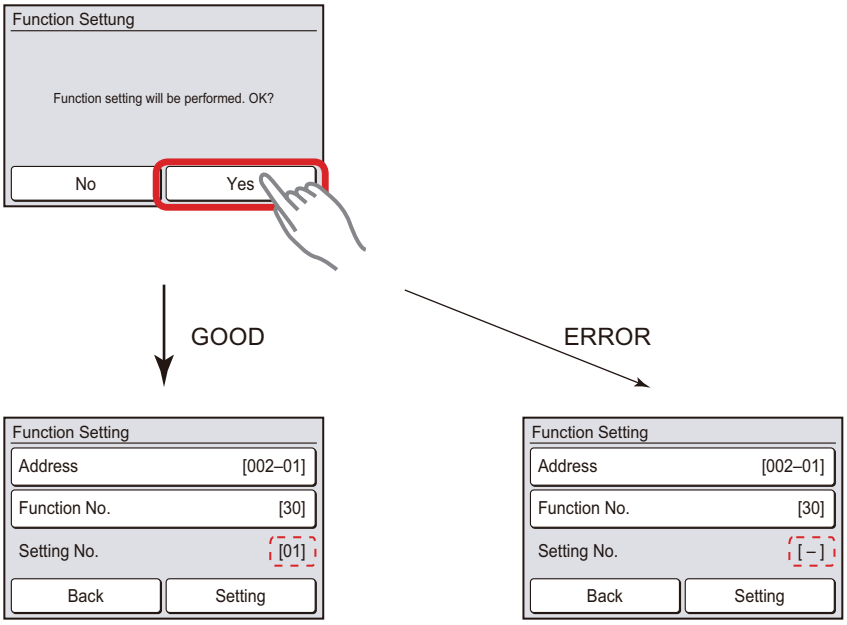
6. Setting screen of “Setting No.” is displayed. Set the Setting No. by touching “▲” or “▼”.




Example) Function number: 30; Setting number:01

When “OK” is touched, the Function Setting verification screen is displayed.

7. Touch “Yes” on the verification screen.




- When the setting is properly set up on the indoor unit, the set number will be displayed in Setting No. (GOOD)
- When the setting is not set up correctly, “-” is displayed in Setting No. (ERROR) Back to the previous step and perform the setting again.



## RELATED LINKS

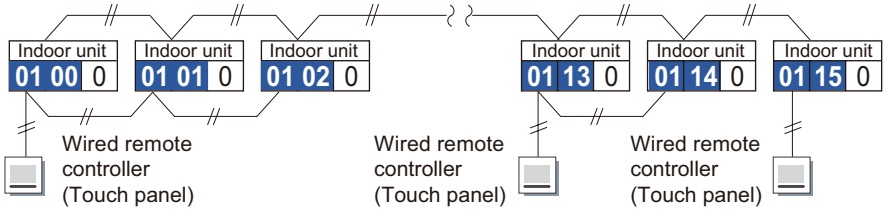
"Completion of setting mode" on page 07-73
"Function details" on page 07-147

FUNCTION SETTINGS

## ■ Setting up each indoor unit

Setting must be performed on each indoor unit by repeating following procedures.

- "Preparation" on page 07-136
- "Indoor unit function setting" on page 07-141




## ■ Resetting the power after setting up all indoor units

**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.


FUNCTION SETTINGS

# 2-11. Indoor unit (setting by UTY-RLR∗)

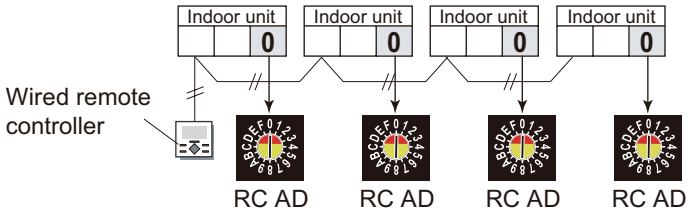
**⚠ CAUTION**

This setting changes the function settings used to control the indoor unit according to the installation conditions. Incorrect settings can cause a product malfunction.

- After the power is turned on, perform the “Function setting” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function number or Setting number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function is not available on the subordinate units.

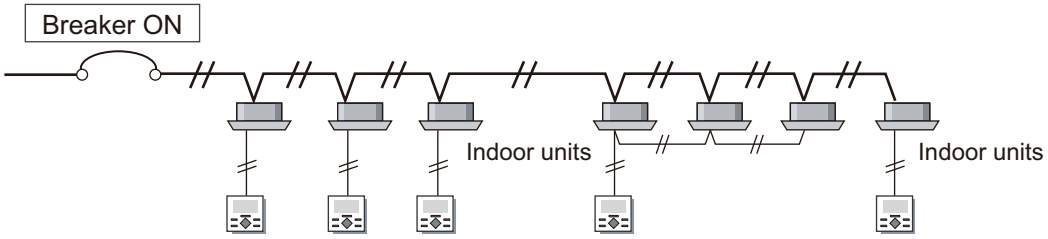
## ■ Preparation

1. If multiple indoor units are connected to a single wired remote controller, set up the remote controller address with “Automatic address setting”.
   Example: When 4 indoor units are connected




2. Before turning on the power of indoor unit, reconfirm following items:
   - Piping air tightness test and vacuuming have been performed firmly.
   - There is no wiring mistake.

3. Turn on the power of indoor units.
   By turning on the power, the indoor units initialize EEV.




Before proceeding the function setting, refer to the following sections and perform necessary steps:

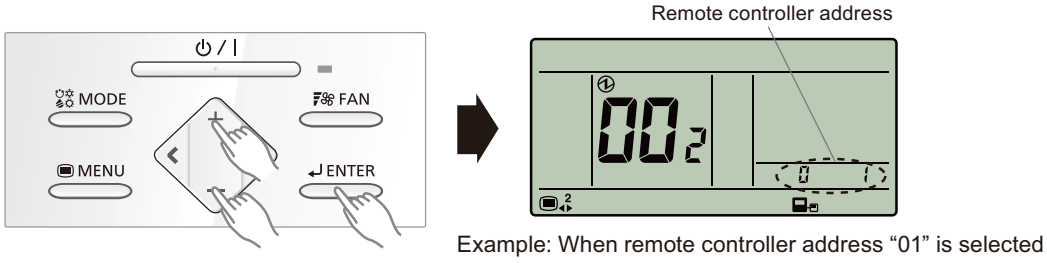
- "Entering setting mode" on page 07-76


FUNCTION SETTINGS

# ■ Indoor unit function setting

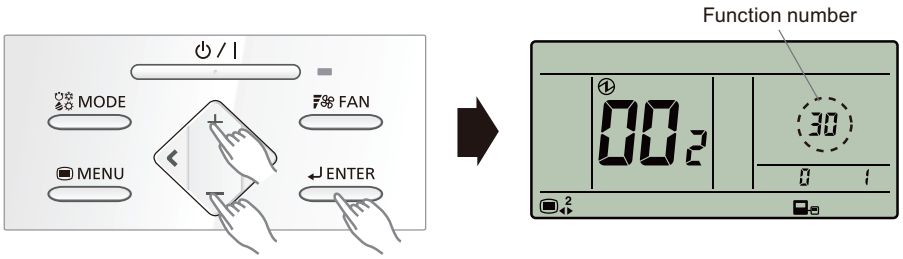
**NOTE:** Perform this setting on the primary remote controller.

1. By pressing the + or - button, select a remote controller address. (Select the indoor unit you want to operate.) Then pres the ENTER button.



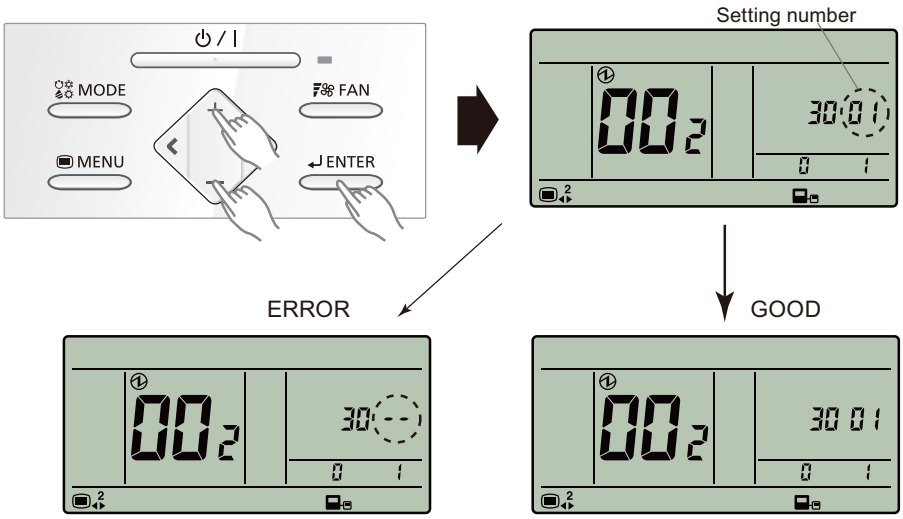

Example: When remote controller address “01” is selected

2. By pressing the + or - button, select the function number. Then press the ENTER button.




3. By pressing the + or - button, select the setting number.

Example) Function number: 30; Setting number: 01




- When the address data is properly set up on the indoor unit, the set number will be displayed. (GOOD)
- When the address data is not set up correctly, “- -” is displayed. (ERROR) Back to the previous step and perform the setting again.

4. To return to the address selection screen, press the ENTER button. If setting has been completed, press MENU button to return to the Menu 2 item selection screen.

**RELATED LINKS**

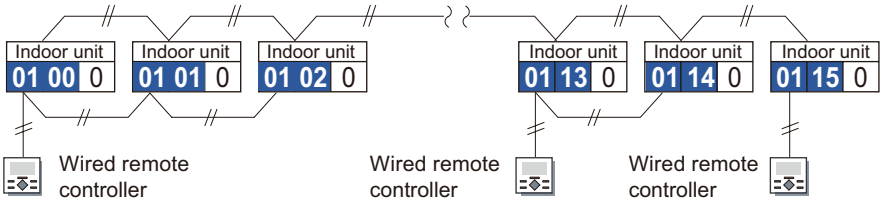
"Completion of setting mode" on page 07-78
"Function details" on page 07-147


FUNCTION SETTINGS

## ■ Setting up each indoor unit

Setting must be performed on each indoor unit by repeating following procedures.


- "Preparation" on page 07-144
- "Indoor unit function setting" on page 07-145


## ■ Resetting the power after setting up all indoor units

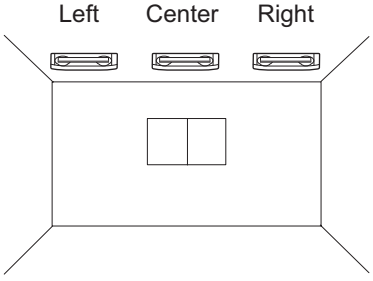
**Important:**

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.
    However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.



FUNCTION SETTINGS

# 2-12. Function details

| Function | Function number | Setting number | | Factory setting |
|---|---|---|---|---|
| Filter indicator interval | 11 | 00 | Standard | ♦ |
| | | 01 | Longer | |
| | | 02 | Shorter | |
| | | Adjusts the filter cleaning interval notification. If the notification is too early, change to setting “01”. If the notification is too late, change to setting “02”. | | |
| Filter indicator action | 13 | 00 | Enable | ♦ |
| | | 01 | Disable | |
| | | 02 | Display only on central remote controller | |
| | | Enables or disables the filter indicator. Setting “02” is for use with a central remote controller. | | |
| Ceiling airflow | 20 | 00 | Standard | ♦ |
| | | 01 | High ceiling | |
| | | Regulates the airflow according to the needs of the installation location. When set to 01, the air flow will be stronger. (Cassette type only) | | |
| Vertical airflow direction | 23 | 00 | Standard | ♦ |
| | | 01 | Raise | |
| | | Adjusts the up/down airflow direction. All the horizontal louvers are adjusted together. (Cassette type only) | | |
| Horizontal swing airflow direction | 24 | 00 | Standard | ♦ |
| | | 01 | Left half | |
| | | 02 | Right half | |
| | | Adjusts the horizontal swing airflow direction. (For horizontal swing equipped models) | | |
| Static pressure | 26 | 00 | SP mode 00 | |
| | | 01 | SP mode 01 | |
| | | 02 | SP mode 02 | |
| | | 03 | SP mode 03 | |
| | | • | • | |
| | | • | • | |
| | | • | • | |
| | | 27 | SP mode 27 | |
| | | 28 | SP mode 28 | |
| | | 29 | SP mode 29 | |
| | | 31 | Normal SP | ♦ |
| | | Range of static pressure mode varies on the indoor unit models. (For details, refer to "Range of static pressure mode by model" on page 07-150). As for the characteristics of each indoor unit, refer to "Fan performance curve" in Chapter 4. INDOOR UNITS on page 04-199. | | |
| Installation location setting | 27 | 00 | Center | ♦ |
| | | 01 | Right | |
| | | 02 | Left | |
| | | Switch the airflow direction based on the installation location of the 3D flow cassette.   | | |



FUNCTION SETTINGS

| Function | Function number | Setting number | | Factory setting |
|---|---|---|---|---|
| Room temperature correction for cooling | 30 | 00 | Standard | ♦ |
| | | 01 | Adjust (1) | |
| | | 02 | Adjust (2) | |
| | | This function adjusts the temperature the indoor unit thermistor detects.<br>This function is not available when the Wired Remote Controller sensor is enabled.<br>• Setting 00: No adjustment<br>• Setting 01: 2°C cooler than the setting “00”.<br>• Setting 02: 2°C warmer than the setting “00”. | | |
| Room temperature correction for heating | 31 | 00 | Standard | ♦ |
| | | 01 | Adjust (1) | |
| | | 02 | Adjust (2) | |
| | | 03 | Adjust (3) | |
| | | This function adjusts the temperature the indoor unit thermistor detects.<br>This function is not available when the Wired Remote Controller sensor is enabled.<br>• Setting 00: No adjustment<br>• Setting 01: 6°C cooler than the setting “00”.<br>• Setting 02: 4°C cooler than the setting “00”.<br>• Setting 03: 4°C warmer than the setting “00”. | | |
| Auto restart | 40 | 00 | Enable | |
| | | 01 | Disable | ♦ |
| | | Enables or disables automatic system restart after a power outage.<br>**NOTE:** Auto restart is an emergency function such as for power failure etc. Do not start and stop the indoor unit by this function in normal operation.<br>Be sure to operate by the control unit, converter or external input device. | | |
| Cold air prevention | 43 | 00 | Enable | ♦ |
| | | 01 | Disable | |
| | | Enables or disables the cold air prevention function during heating operation. When disabled, the fan setting will always follow the setting on the remote controller. (Excluding defrost/oil recovery mode)<br>**NOTE:** When this setting is set to “00” and the thermistor sensor on the wired remote controller is enabled, the fan stops completely during the thermostat off. | | |
| External control | 46 | 00 | Start/Stop | ♦ |
| | | 01 | Emergency stop | |
| | | 02 | Forced stop | |
| | | 03 | Prohibited | |
| | | • | • | |
| | | • | • | |
| | | • | • | |
| | | 09 | Prohibited | |
| | | 10 | Start/Stop (logic inverse) | |
| | | 11 | Emergency stop (logic inverse) | |
| | | 12 | Forced stop (logic inverse) | |
| | | 13 | Prohibited | |
| | | Allows an external controller to start or stop the system, or to perform an emergency stop, or to perform a forced stop.<br>• If an emergency stop is performed from an external controller, same refrigerant system will be disabled.<br>• If forced stop is set, indoor unit stops by the input to the external input terminals, and Start/Stop by a remote controller is restricted. | | |


FUNCTION SETTINGS

| Function | Function number | Setting number | | Factory setting |
|---|---|---|---|---|
| Error report target | 47 | 00 | All | ♦ |
| | | 01 | Display only on central remote control | |
| | | Changes the target for reporting errors. Errors can either be reported in all locations, or only on the wired remote. | | |
| Fan setting when cooling thermostat OFF | 49 | 00 | Follow the setting on the remote controller | ♦ |
| | | 01 | Stop | |
| | | • When set “00”, indoor unit is continued operation based upon central remote controller or individual controller set. Once indoor unit received signal from external controller, indoor unit changed fan mode forcibly.<br>• When set “01”, indoor unit is continued operation based upon central remote controller or individual controller set. Once indoor unit received signal from external controller, indoor unit stop forcibly.<br>• Connection of the wired remote controller (2-wire type or 3-wire type) and switching its thermistor are necessary. | | |
| Switching functions for external inputs | 60 | 00 | For details, refer to "8. EXTERNAL INPUT AND OUTPUT". | ♦ |
| | | 01 | Forbidden | |
| | | 02 | | |
| | | 03 | | |
| | | 04 | | |
| | | 05 | | |
| | | 06 | | |
| | | 07 | | |
| | | 08 | | |
| | | 09 | Refrigerant leak detection | |
| | | **NOTE:** The setting number 09 is available only when connecting to the J-IIIL or J-IVL series outdoor units. This setting is required when connecting a refrigerant-leak detection device.<br>For details, refer to "8. EXTERNAL INPUT AND OUTPUT". | | |
| Auto mode type | 68 | 00 | Single setpoint auto mode (traditional) | ♦ |
| | | 01 | Dual setpoint auto mode | |
| | | Switches the setting method of auto mode to single or dual (cooling/heating).<br>For heat pump systems, it is necessary to set the primary indoor unit by using wired remote controller.<br>**NOTE:** Auto mode type will be usable provided that the corresponding operating device is connected. | | |
| Deadband value | 69 | 00 | 0°C | ♦ |
| | | 01 | 0.5°C | |
| | | 02 | 1.0°C | |
| | | 03 | 1.5°C | |
| | | 04 | 2.0°C | |
| | | 05 | 2.5°C | |
| | | 06 | 3.0°C | |
| | | 07 | 3.5°C | |
| | | 08 | 4.0°C | |
| | | 09 | 4.5°C | |
| | | Choose the minimum temperature between cooling and heating settings (deadband) for dual setpoint auto mode (function number 68).<br>**NOTE:** Deadband value will be usable provided that the corresponding operating device is connected. | | |


FUNCTION SETTINGS

## Range of static pressure mode by model

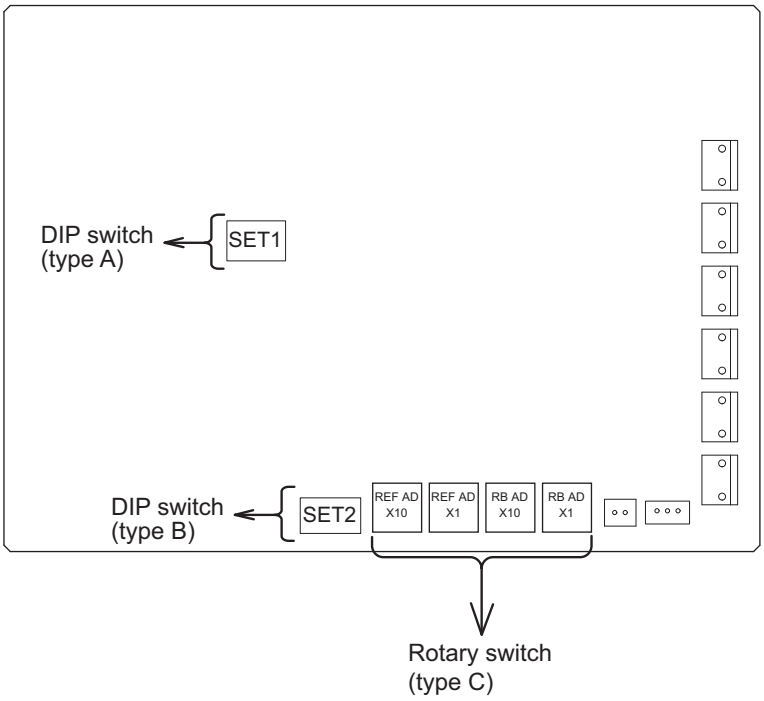
| Model name | Range of static pressure mode | Normal static pressure |
|---|---|---|
| ARXK004GLGH | SP mode 00 to 03 | 10 Pa |
| ARXK007GLGH | | |
| ARXK009GLGH | | |
| ARXK012GLGH | | |
| ARXK014GLGH | SP mode 00 to 05 | 15 Pa |
| ARXK018GLGH | | |
| ARXK024GLGH | | |
| ARXD007GLEH | SP mode 00 to 09 | 25 Pa |
| ARXD009GLEH | | |
| ARXD012GLEH | | |
| ARXD014GLEH | | |
| ARXD018GLEH | | |
| ARXD024GLEH | SP mode 00 to 05 | |
| ARXP018GLFH | SP mode 00 to 08 | 40 Pa |
| ARXP030GLFH | SP mode 00 to 05 | 50 Pa |
| ARXA024GLEH | SP mode 00 to 14 | 40 Pa |
| ARXA030GLEH | | 50 Pa |
| ARXA036GLEH | SP mode 00 to 12 | |
| ARXA045GLEH | SP mode 00 to 11 | 60 Pa |
| ARXC036GTEH | SP mode 02 to 16 | 100 Pa |
| ARXC072GTEH | SP mode 04 to 27 | 150 Pa |
| ARXC090GTEH | SP mode 05 to 24 | |
| ARXC096GTEH | SP mode 05 to 29 | |



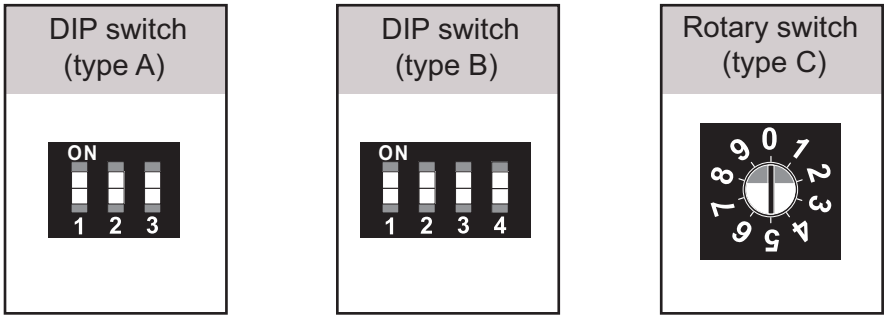
FUNCTION SETTINGS

# 2-13. RB unit (UTP-RX01AH, UTP-RX01BH, UTP-RX01CH, UTP-RX04BH)

## ■ Switch location




## ■ Switch type




## ■ Switch table

| | | | | |
|---|---|---|---|---|
| DIP switch | Type A | SET1 | 1 | Prohibited |
| | | | 2 | Prohibited |
| | | | 3 | Prohibited |
| | Type B | SET2 | 1 | Operation mode selecting switch 1 |
| | | | 2 | Operation mode selecting switch 2 |
| | | | 3 | Cool/heat selection control time switch 1 |
| | | | 4 | Cool/heat selection control time switch 2 |
| Rotary switch | Type C | RB AD x1 | | RB unit address switch 1 |
| | | RB AD x10 | | RB unit address switch 2 |
| | | REF AD x1 | | Refrigerant system address switch 1 |
| | | REF AD x10 | | Refrigerant system address switch 2 |


FUNCTION SETTINGS

# ■ DIP switch setting

- **SET1: Setting prohibited**

| SET1-1 | SET1-2 | SET1-3 | | Factory setting |
|---|---|---|---|---|
| OFF | OFF | OFF | Fixed at OFF | ♦ |
| ON | ON | ON | Setting prohibited | |

- **SET2**
  - **Operation mode selecting switch**

| SET2-1 | SET2-2 | Description | Remarks | Factory setting |
|---|---|---|---|---|
| OFF | OFF | Priority given to the first command | Priority is given to the operation mode which is set first. | ♦ |
| ON | OFF | Priority given to external input of RB unit | Priority is given to the operation mode which is set by the external input terminal (CNA01 or CNA02). | |
| OFF | ON | Priority given to administrative indoor unit | Priority is given to the operation mode of the administrative indoor unit which is set by the wired remote controller. | |
| ON | ON | Setting prohibited | | |

  - **Cool/heat selection control time switch**
    This switch is set up to shorten cool/heat selection control time by RB unit.
    If the cool/heat selection control time is short, the sound of passing refrigerant may be loud during the cool/heat selection control process.
    Check that there is no influence on use.

| SET2-3 | SET2-4 | Description | Factory setting |
|---|---|---|---|
| OFF | OFF | 6 min | ♦ |
| ON | OFF | 3 min | |
| OFF | ON | Setting prohibited | |
| ON | ON | Setting prohibited | |

# ■ Rotary switch setting

- **RB unit address switch**
  Sets the RB unit addresses. For details, refer to the indoor unit address conversion table in "Address setting" on page 07-4.

| Rotary switch | Description | Remarks | Factory setting |
|---|---|---|---|
| RB AD x 1 | RB unit address Switch 1 | RB unit address (the first digit) | 0 |
| RB AD x 10 | RB unit address Switch 2 | RB unit address (the second digit) | 0 |

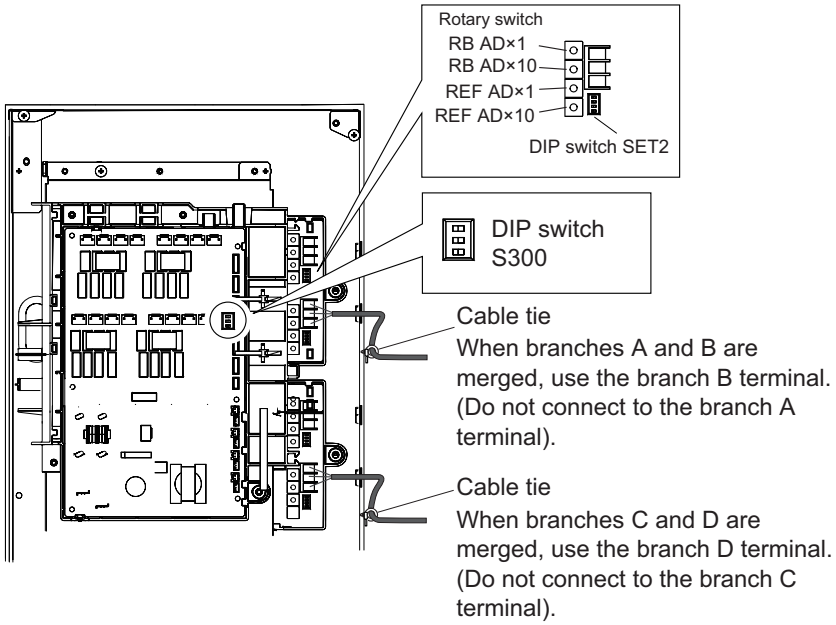
- **Refrigerant system address switch**
  Sets the refrigerant system addresses. For details, refer to the refrigerant system address conversion table in "Address setting" on page 07-4.

| Rotary switch | Description | Remarks | Factory setting |
|---|---|---|---|
| RB AD x 1 | Refrigerant system address Switch 1 | Refrigerant system address (the first digit) | 0 |
| RB AD x 10 | Refrigerant system address Switch 2 | Refrigerant system address (the second digit) | 0 |

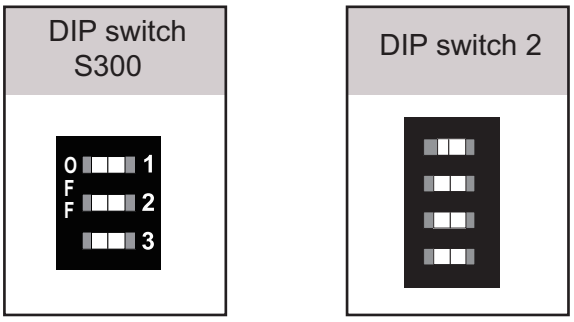

FUNCTION SETTINGS

# 2-14. RB unit (UTP-RX08AH, UTP-RX12AH)

## ■ Switch location




## ■ Switch type





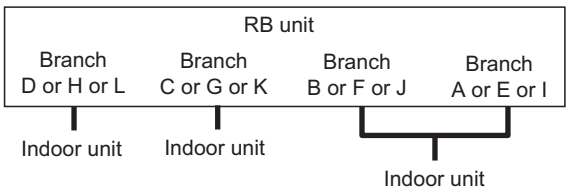

FUNCTION SETTINGS

# ■ DIP switch S300

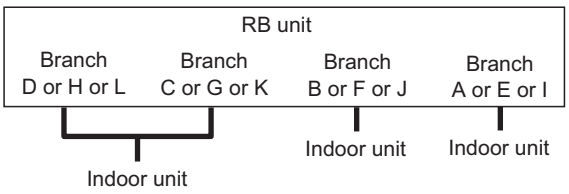
- **2-branch merging**

| PC board | Branches that can be merged | DIP Switch S300 "Concurrent output" | | | Cable connecting terminal block |
|---|---|---|---|---|---|
| | | 1 [4-3] | 2 [3-2] | 3 [2-1] | |
| For branches A-D | Branches A and B *1 | OFF | OFF | ON | For Branch B |
| | Branches C and D *2 | ON | OFF | OFF | For Branch D |
| | Branches A and B Branches C and D *3 | ON | OFF | ON | For Branch B |
| | | | | | For Branch D |
| For branches E-H | Branches E and F *1 | OFF | OFF | ON | For Branch F |
| | Branches G and H *2 | ON | OFF | OFF | For Branch H |
| | Branches E and F Branches G and H *3 | ON | OFF | ON | For Branch F |
| | | | | | For Branch H |
| For branches I-L | Branches I and J *1 | OFF | OFF | ON | For Branch J |
| | Branches K and L *2 | ON | OFF | OFF | For Branch L |
| | Branches I and J Branches K and L *3 | ON | OFF | ON | For Branch J |
| | | | | | For Branch L |

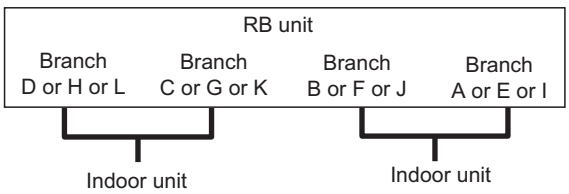
*1: Connection type 1




*2: Connection type 2




*3: Connection type 3






FUNCTION SETTINGS

- **4-branch merging**

| PC board | Branches that can be merged | DIP Switch S300 "Concurrent output" | | | Cable connecting terminal block |
|---|---|---|---|---|---|
| | | 1 [4-3] | 2 [3-2] | 3 [2-1] | |
| For branches A to D | Branches A to D | ON | ON | ON | For Branch D |
| For branches E to H | Branches E to H | ON | ON | ON | For Branch H |
| For branches I to L | Branches I to L | ON | ON | ON | For Branch L |

## ■ DIP switch 2

- **2-branch merging**

| PC board | Branches that can be merged | DIP Switch SET2 setting |
|---|---|---|
| For branches A to D | Branches A and B | Use the same switch setting on branches A and B |
| | Branches C and D | Use the same switch setting on branches C and D |
| | Branches A and B<br>Branches C and D | Use the same switch setting on branches A and B<br>Use the same switch setting on branches C and D |
| For branches E to H | Branches E and F | Use the same switch setting on branches E and F |
| | Branches G and H | Use the same switch setting on branches G and H |
| | Branches E and F<br>Branches G and H | Use the same switch setting on branches E and F<br>Use the same switch setting on branches G and H |
| For branches I to L | Branches I and J | Use the same switch setting on branches I and J |
| | Branches K and L | Use the same switch setting on branches K and L |
| | Branches I and J<br>Branches K and L | Use the same switch setting on branches I and J<br>Use the same switch setting on branches K and L |

- **4-branch merging**

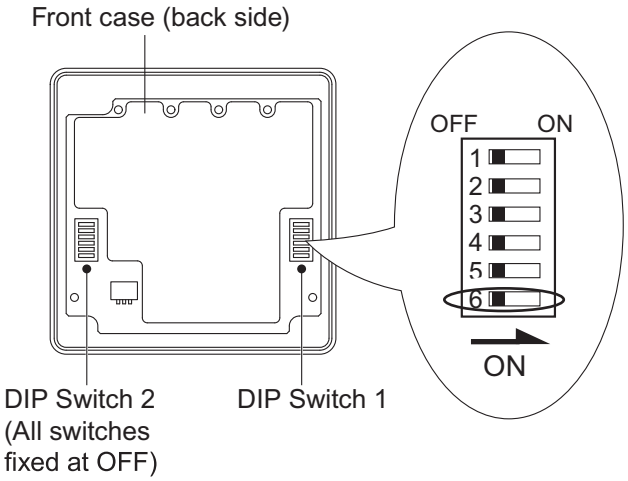
| PC board | Branches that can be merged | Rotary switch setting |
|---|---|---|
| For branches A to D | Branches A to D | Use the same setting value on branches A, B, C, and D |
| For branches E to H | Branches E to H | Use the same setting value on branches E, F, G, and H |
| For branches I to L | Branches I to L | Use the same setting value on branches I, J, K, and L |


FUNCTION SETTINGS

# 2-15. Wired remote controller (UTY-RNK∗)

| | | |
|---|---|---|
| DIP switch 1 | SW1 | Prohibited |
| | SW2 | Dual remote controller setting |
| | SW3 | Prohibited |
| | SW4 | Prohibited |
| | SW5 | Prohibited |
| | SW6 | Memory backup setting (Only for wired remote controller) |
| DIP switch 2 | Do not use. (All switches fixed at OFF.) | |

## ■ Switch location



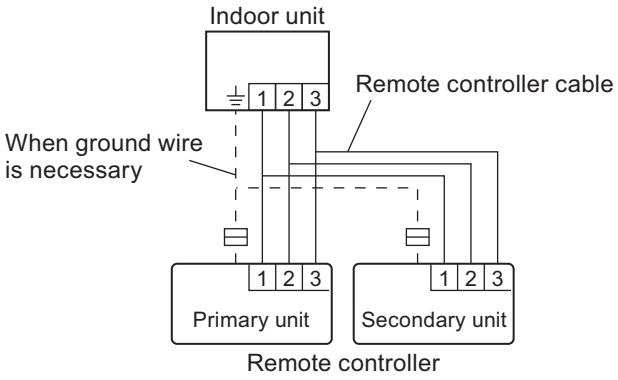

## ■ DIP switch 1 setting

- **SW1: Setting prohibited**

| SW1 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SW2: Dual remote controller setting**
  Set the remote controller SW2 according to the following table.

| Number of remote controller | Primary unit | Secondary unit | Factory setting |
|---|---|---|---|
| | SW2 | SW2 | |
| 1 (Normal) | OFF | — | ♦ |
| 2 (Dual) | OFF | ON | |





FUNCTION SETTINGS

- **SW3: Setting prohibited**

| SW3 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SW4: Setting prohibited**

| SW4 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SW5: Setting prohibited**

| SW5 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SW6: Memory backup setting** (Only for wired remote controller)
  Set to “ON” to use batteries for the memory backup.
  If there is a power failure when this setting is enabled, all the settings stored in the memory will be saved.

| SW6 | Memory backup | Factory setting |
|---|---|---|
| OFF | Disable | ♦ |
| ON | Enable | |

**NOTE:** Never turn it “ON” in the case of simple remote controller.

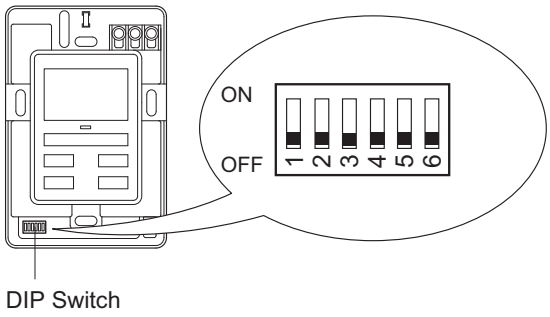


FUNCTION SETTINGS

# 2-16. Simple remote controller (UTY-RSK∗, UTY-RHK∗)

| | | |
|---|---|---|
| DIP switch 1 | SW1 | Prohibited |
| | SW2 | Dual remote controller setting |
| | SW3 | Prohibited |
| | SW4 | Prohibited |
| | SW5 | Prohibited |
| | SW6 | Memory backup setting (Only for wired remote controller) |
| DIP switch 2 | Do not use. (All switches fixed at OFF.) | |

## ■ Switch location




* Number of buttons differs by model.

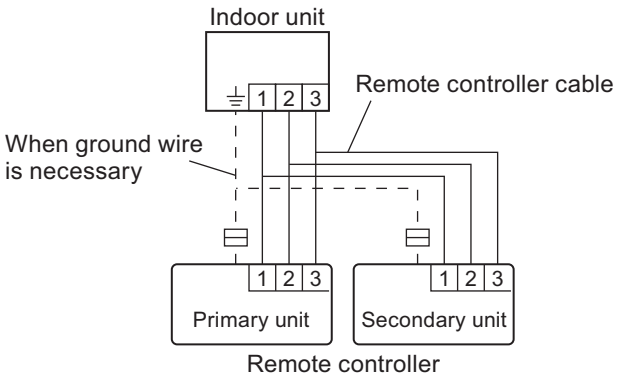
## ■ DIP switch 1 setting

- **SW1: Setting prohibited**

| SW1 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SW2: Dual remote controller setting**
  Set the remote controller SW2 according to the following table.

| Number of remote controller | Primary unit | Secondary unit | Factory setting |
|---|---|---|---|
| | SW2 | SW2 | |
| 1 (Normal) | OFF | — | ♦ |
| 2 (Dual) | OFF | ON | |




- **SW3: Setting prohibited**

| SW3 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |


FUNCTION SETTINGS

- **SW4: Setting prohibited**

| SW4 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SW5: Setting prohibited**

| SW5 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SW6: Memory backup setting** (Only for wired remote controller)
  Set to “ON” to use batteries for the memory backup.
  If there is a power failure when this setting is enabled, all the settings stored in the memory will be saved.

| SW6 | Memory backup | Factory setting |
|---|---|---|
| OFF | Disable | ♦ |
| ON | Enable | |

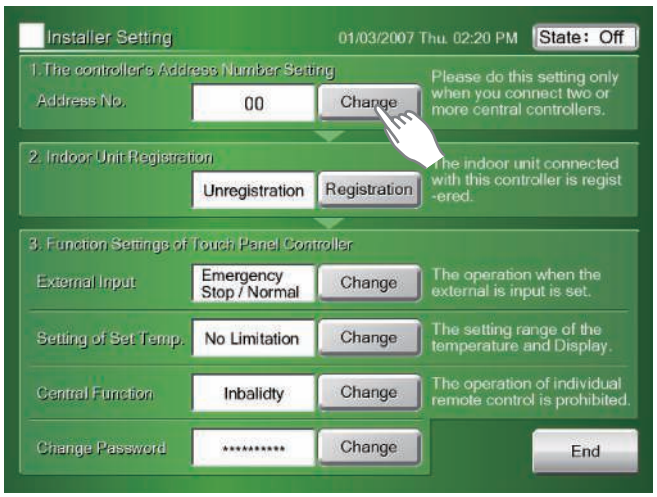
**NOTE:** Never turn it “ON” in the case of simple remote controller.


FUNCTION SETTINGS

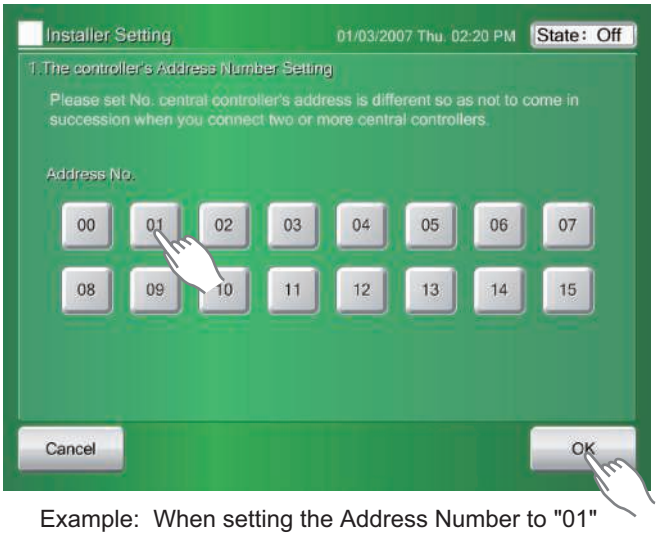
# 2-17. Touch panel controller

## ■ Address setting

1. Display the Installer Setting screen, and press “Change” button of “1. The Controller Address Number Setting”.

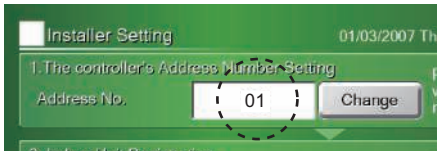



2. If it changes to “1. The controller Address Number Setting” screen, press “01” button of Address No., and then press “OK” button.




Example: When setting the Address Number to "01"

3. When it returns to Installer Setting screen, make sure that Address No. is “01”, and then complete the setting.




**NOTES:**

- Address No. can be set between “00” and “15”. (Up to 16 of this controller can be installed in 1 system.)
- When installing 2 or more controllers, set up so that Address No. does not overlap.
- When installing multiple controllers in the same VRF network system, avoid to overlap the Address No. of following controllers. (Even the same type of controllers, the Address No. is not allowed to overlap.)
  - Touch panel controller, Central remote controller
  - Modbus convertor
  - Network convertor for LONWORKS, Network convertor for Group remote controller
- For details, refer to the operating manual of the controller.

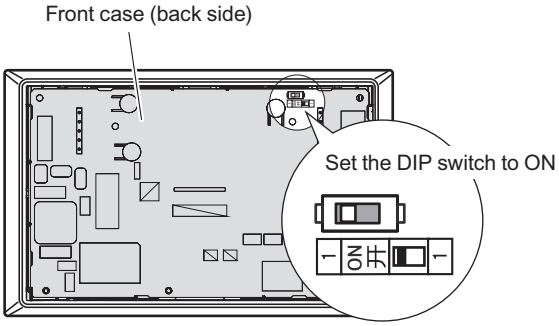

FUNCTION SETTINGS

# 2-18. Central remote controller (UTY-DCG∗Z3)

## ■ DIP switch setting

| DIP switch | Memory backup setting |
|---|---|

### ● Switch location




### ● Memory backup setting

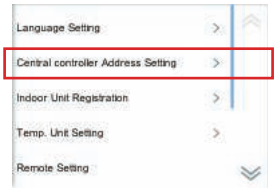
| DIP switch | | Factory setting |
|---|---|---|
| OFF | Disabled | ♦ |
| ON | Enabled | |

## ■ Address setting

1. Tap Menu button.

2. Tap “Installer Setting”.

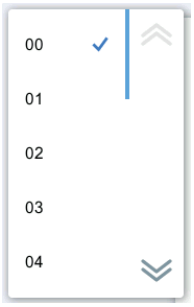
3. Tap “Central controller Address Setting”.






FUNCTION SETTINGS

4. Tap the address list “00” to “15”.




**NOTES:**

- Address No. can be set between “00” and “15”. (Up to 16 of this controller can be installed in 1 system.)
- When installing 2 or more controllers, set up so that Address No. does not overlap.
- When installing multiple controllers in the same VRF network system, avoid to overlap the Address No. of following controllers. (Even the same type of controllers, the Address No. is not allowed to overlap.)
  - Touch panel controller, Central remote controller
  - Modbus convertor
  - Network convertor for LONWORKS, Network convertor for Group remote controller
- For details, refer to the operating manual of the controller.



FUNCTION SETTINGS

# 2-19. Wired Remote Controller (Touch Panel) (UTY-RVR∗)

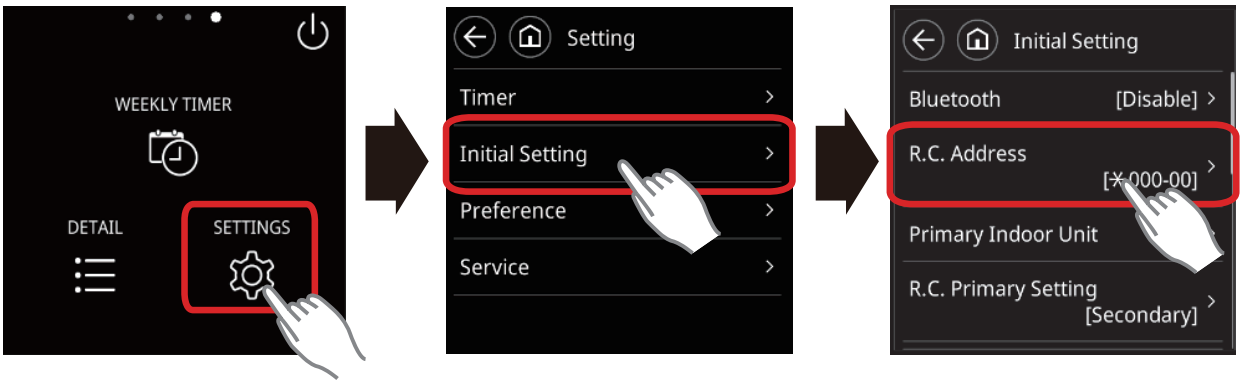
## ■ Remote controller address confirmation

The remote controller address is set automatically when initially start up this product.

**NOTE:** The address of this unit is set automatically. Do not change the indoor unit remote controller address from the factory setting “0”. (Verify that the address is “0”.)

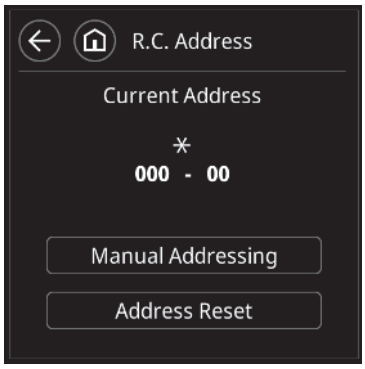
The checking method of the remote controller address is as follows.

1. Tap the “R.C. Address” on the Initial Setting screen.




Enter the Admin password. Enter the Installer password.

2. R.C. Address screen is displayed and the current address can be checked on the screen.




**NOTE:** The value for the unit refers to the remote controller address.



FUNCTION SETTINGS

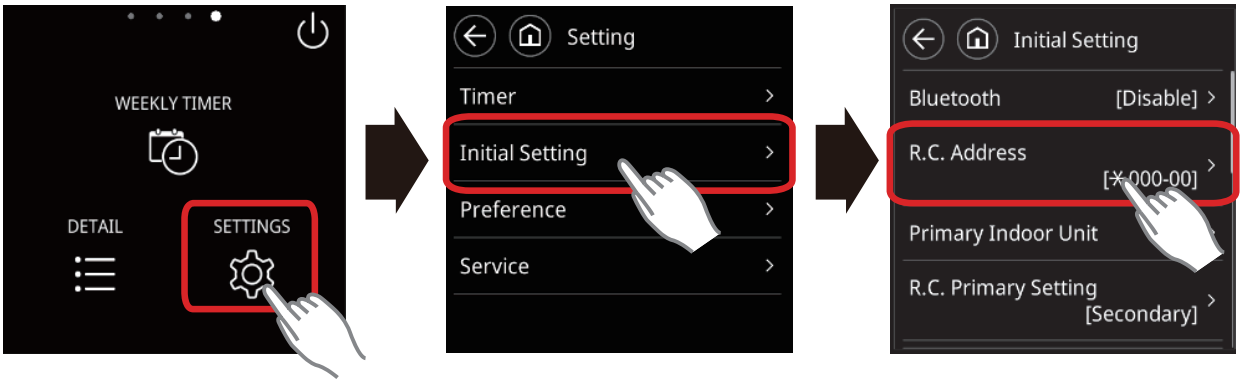
# ■ Manual address setting of the remote controller

**NOTES:**

- Perform manual address setting only when setting the address with an arbitrary number. Indoor unit remote controller address setting is necessary. Set the remote controller address of indoor units connected by the same remote controller cable within a range of 1 to 9 and A (10) to F (15) so that there is no duplication. (Do not set to “0”.)
- The address of this unit is set within a range of 1 to 32, but set it so that it does not duplicate the remote controller address of an indoor unit connected by the same remote controller cable.

The remote controller address can be set manually as follows.

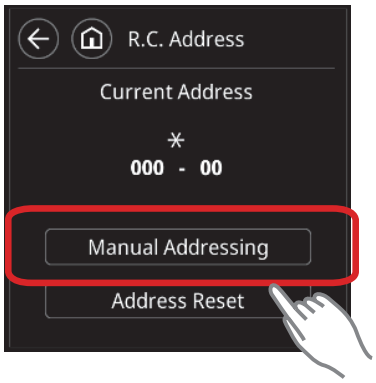
1. Tap the “R.C. Address” on the Initial Setting screen.



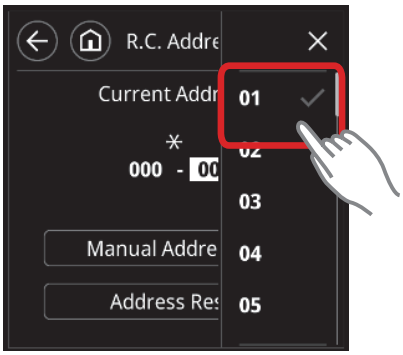

Enter the Admin password.

Enter the Installer password.

2. Tap “Manual Addressing” on the R.C. Address screen.




3. The address number to set the address of this unit.




**NOTE:** When you perform the address setting again, tap the “Address Reset”.



FUNCTION SETTINGS

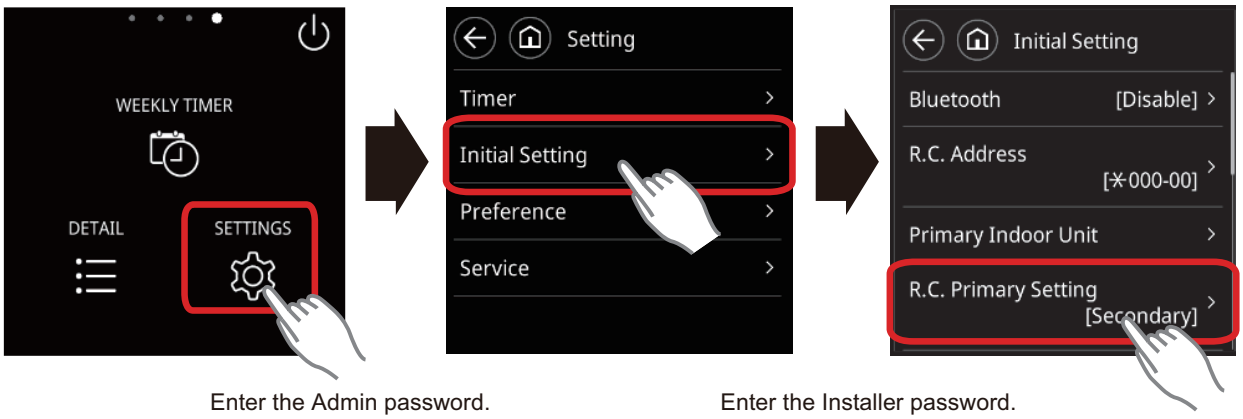
# ■ R.C. Primary setting

It is necessary to set the remote controller primary when multiple remote controllers are set for a remote control group or for a single indoor unit.

**NOTES:**

- This setting is required at the time of initial start-up during installation.
- This setting can be changed afterward. No primary remote controllers is automatically set to secondary.

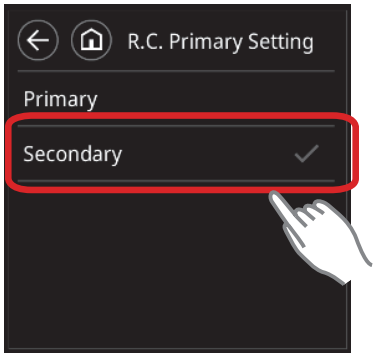
1. Tap the “R.C. Primary Setting” on the Initial Setting screen.




Enter the Admin password.

Enter the Installer password.

2. Select and tap the setting to be used.




**NOTE:** Do not perform this setting during setting or operating from the primary unit.



FUNCTION SETTINGS

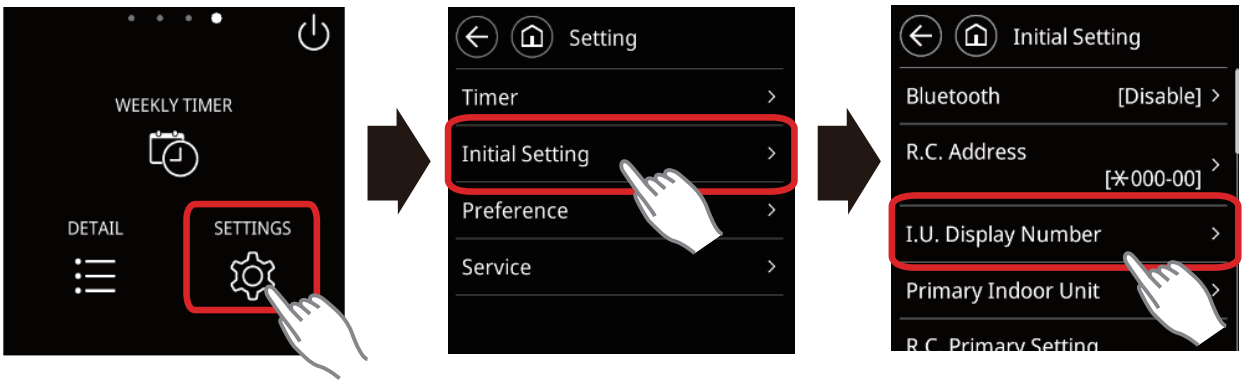
# ■ I.U. Display Number setting

It is necessary to set the remote controller primary when multiple remote controllers are set for a remote control group or for a single indoor unit.

**NOTES:**

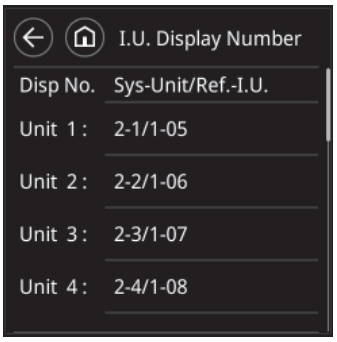
- This setting is required at the time of initial start-up during installation.
- This setting can be changed afterward. No primary remote controllers is automatically set to secondary.

1. Tap the “I.U. Display Number” on the Initial Setting screen.




Enter the Admin password. Enter the Installer password.

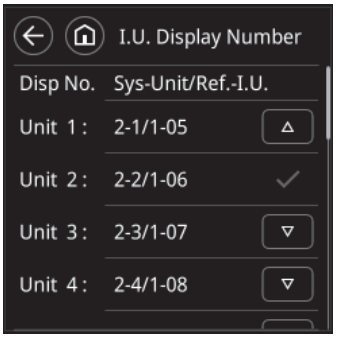
2. “I.U. Display Number” screen is displayed and tap the display numbers (Unit X) to be revised.




The address of “Sys-Unit” allocated to the current display number (Unit X) is displayed.
The refrigeration system address of “Ref.-I.U.” is displayed only when this remote controller is connected to a VRF system.

**NOTE:** At initial starting, the display numbers (Unit X) of the indoor units displayed in the “Individual Hold” setting are automatically allocated in ascending order of the address value. For indoor unit display numbers (Unit X), refer to the contents of the “Individual Hold” setting in the *OPERATION MANUAL* for this product.

3. Tap △ or ▽ button of the indoor unit address to be replaced the order.



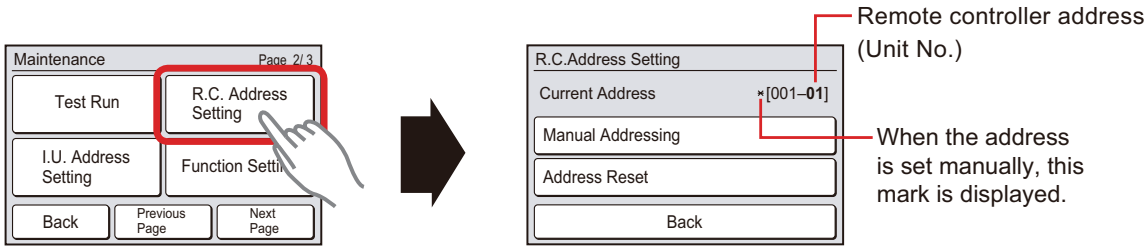

The address is replaced with the selected display number (Unit X).
Repeat step 2 and step 3 up to the desired order.


FUNCTION SETTINGS

# 2-20. Wired Remote Controller (Touch Panel) (UTY-RNR∗Z∗)

## ■ Remote controller address confirmation

When “R.C. Address Setting” on the Maintenance screen is touched, Installer Password Verification screen is displayed.
Enter the Installer Password, and touch “OK”. R.C. Address Setting screen is displayed.

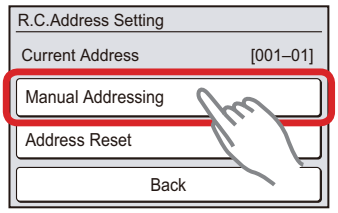



When the “Back” is touched, the display returns to the Maintenance screen.

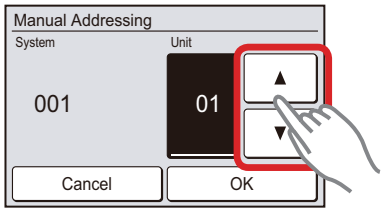
**NOTE:** The address of this unit is set automatically. Do not change the indoor unit remote controller address from the factory setting “0”. (Verify that the address is “0”.)

## ■ Manual address setting of the remote controller

1. Touch “Manual Addressing” on the R.C. Address Setting screen.

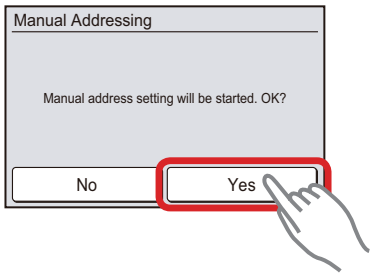



2. Manual Addressing screen is displayed. Set the address by touching “▲” or “▼”.




When “OK” is touched, a verification screen is displayed.

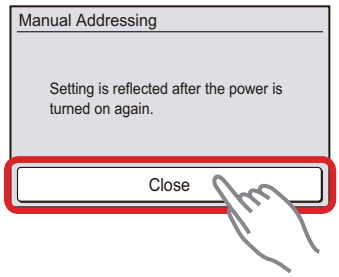
3. When the “Yes” on the verification screen is touched, a message screen is displayed.




FUNCTION SETTINGS

FUNCTION SETTINGS

4. When the “Close” on the message screen is touched, the display returns to the R.C. Address Setting screen. Turn on the power again.

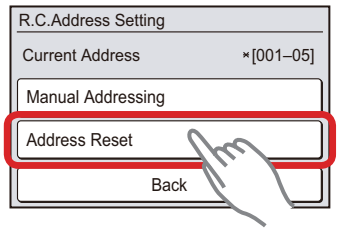



**NOTES:**

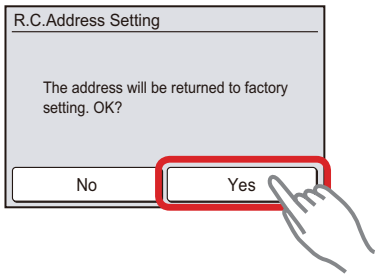
- Perform manual address setting only when setting the address with an arbitrary number. Indoor unit remote controller address setting is necessary. Set the remote controller address of indoor units connected by the same remote controller cable within a range of 1 to 9 and A (10) to F (15) so that there is no duplication. (Do not set to “0”.)
- The address of this unit is set within a range of 1 to 32, but set it so that it does not duplicate the remote controller address of an indoor unit connected by the same remote controller cable.

## ■ Resetting the manual address setting number

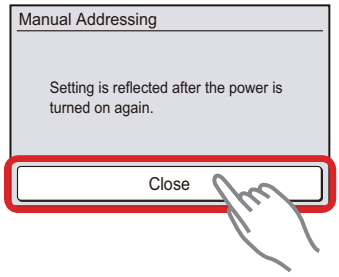
1. Touch “Address Reset” on the R.C. Address Setting screen.




2. A verification screen is displayed. When the “Yes” is touched, a message screen is displayed.




3. When the “Close” on the message screen is touched, the display returns to the R.C. Address Setting screen. Turn on the power again.

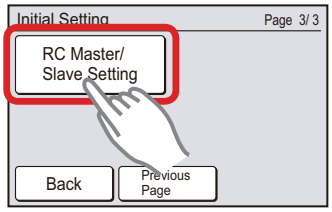




FUNCTION SETTINGS

# ■ Master or slave setting of remote controller

1. Touch “RC Master/Slave Setting” on the Initial Setting screen.



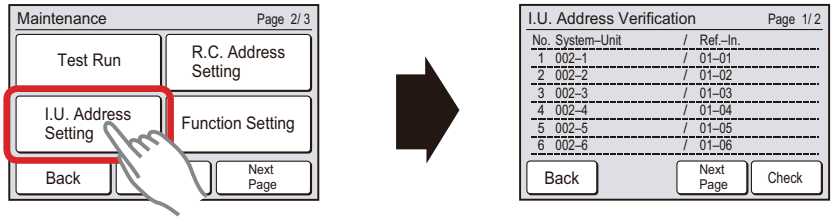

2. RC Master/Slave Setting screen is displayed. Select “Master” or “Slave”.

When the “OK” is touched, the display returns to the Initial Setting screen.

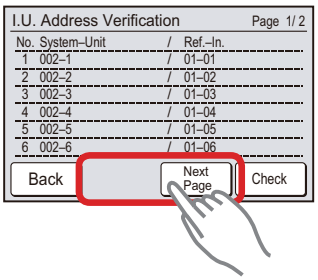
**NOTE:** Set only one master remote controller. Units other than “Master” are set to “Slave” automatically. Do not perform “RC Mater/Slave Setting” during setting or operating from the master unit.

# ■ Indoor unit address verification

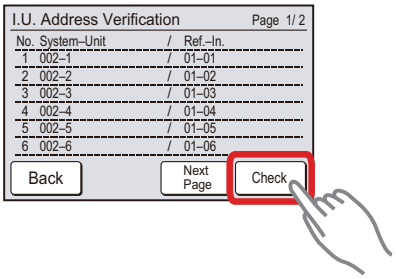
1. When “I.U. Address Verification” on the Maintenance screen is touched, Installer Password Verification screen is displayed.
Enter the Installer Password, and touch “OK”. I.U. Address Verification screen is displayed.




2. When the screen has multiple pages, they can be switched by touching the “Next Page” or “Previous Page”.



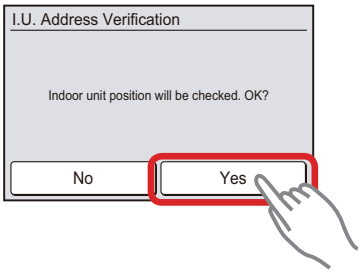

3. Touch the “Check” on the I.U. Address Verification screen.



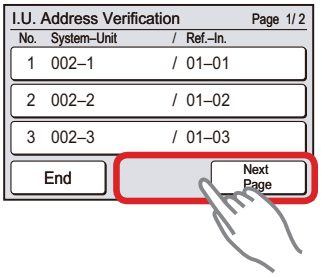



FUNCTION SETTINGS

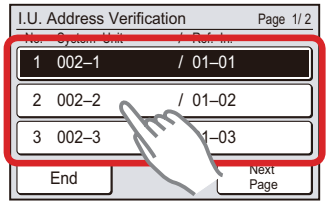
4. When the “Yes” on the verification screen of indoor unit verification is touched, all indoor units will stop, and the verification mode starts.



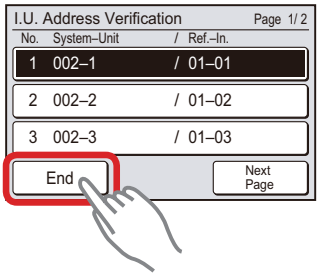

5. When indoor unit position verification ends, a screen displaying the indoor units in a list is displayed. When the screen has multiple pages, they can be switched by touching the “Next Page” or “Previous Page”.



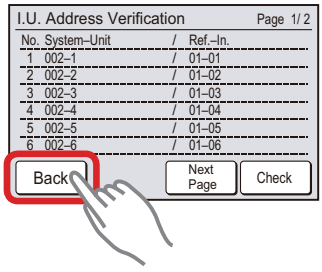

When the indoor unit address to be verified is touched, the appropriate indoor unit performs the air blow, and the indicator lamps blink*. (*Only when the indoor unit has that function.)




6. When the “End” is touched, the display returns to the I.U. Address Verification screen mentioned in step 2.




When “Back” on the I.U. Address Verification screen is touched, the display returns to the Maintenance screen.



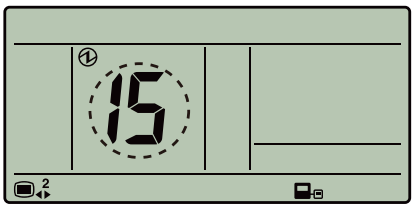


FUNCTION SETTINGS

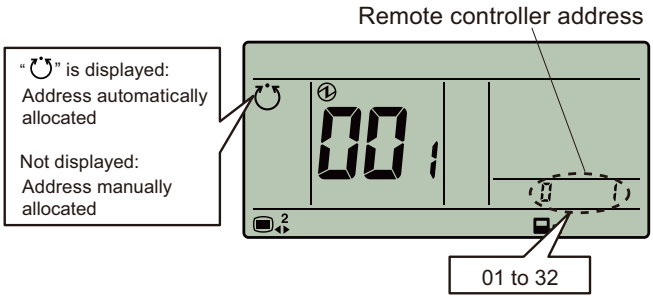
# 2-21. Wired remote controller (UTY-RLR∗)

## ■ Remote controller address confirmation

1. Select “15” in Menu 2 settings. Then press the ENTER button.




2. The address of this unit is displayed on the screen.

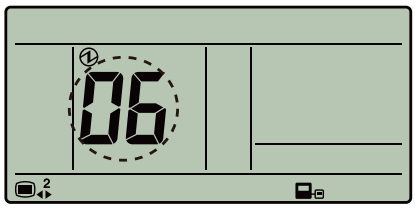



Press the ENTER button to return to the Menu 2 item selection screen.

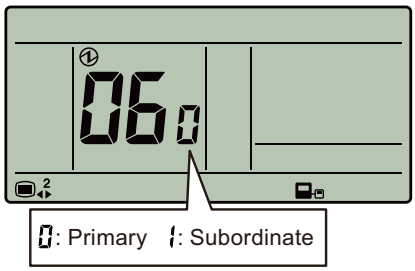
**NOTE:** The address of this unit is set automatically. Do not change the indoor unit remote controller address from the factory setting “0”. (Verify that the address is “0”.)

## ■ Primary or subordinate setting of remote controller

1. Select the “06” in Menu 2 Settings. Then press the ENTER button.



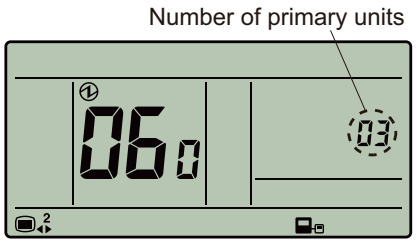

2. Select the “0: Primary” or the “1: Subordinate” with the + or - buttons.





FUNCTION SETTINGS

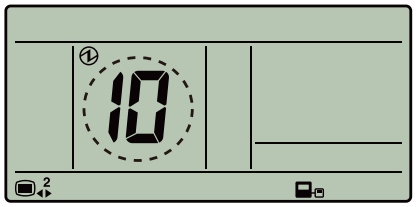
3. Press the ENTER button. If there is no problem, return to Menu 2 items selection screen. In the case of settings at initial booting, display Monitor mode screen.
   If there is 0 or more than 2 primary units, the number will be displayed.
   - If “Primary” is 0, press the ENTER button to return to the Menu 2 item selection screen.
   - If “Primary” is more than 2, press the ENTER button to return to the screen in previous step.
   - If “Primary” is 0 or more than 2, press the MENU button to return to the Menu 2 item selection screen.




**NOTE:** Set only one primary remote controller.

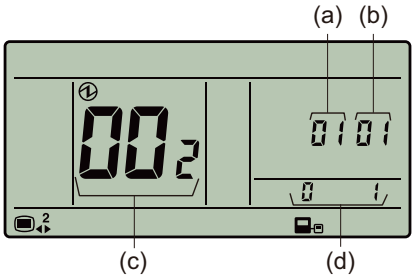
## ■ Indoor unit address verification

1. Select the “10” in Menu 2 Settings. Then press the ENTER button.




2. From remote controller with smallest 2-wire remote controller address of the remote controller group will be displayed.
   Indoor units displayed can be switched by + or - button.

   (a) Refrigerant circuit address (00 to 99)
   (b) Indoor unit address (00 to 63)
   (c) System number (002: Indoor unit)
   (d) Remote controller address (01 to 32)




3. Press the MENU button to return to the Menu 2 item selection screen.

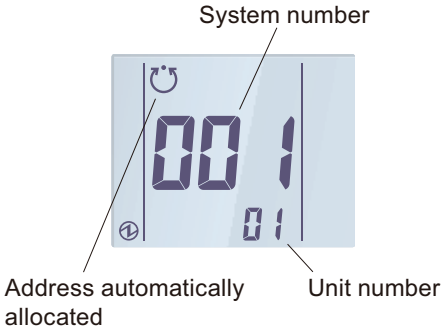

FUNCTION SETTINGS

# 2-22. Simple remote controller (UTY-RSR∗, UTY-RHR∗)

## ■ Remote controller address confirmation

1. Select the “15” in Menu 2-F1 Settings. Then press the “⏻/Ⅰ” button.

2. You can check current allocation of 2-wire remote controller address (system number and unit number).



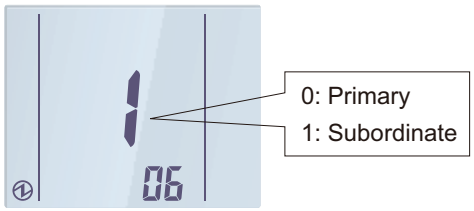

Press the “⏻/Ⅰ” button to return to the Menu 2-F1 item selection screen.

**NOTE:** In the case of automatic address settings, do not change the remote controller address for the indoor unit, and keep it at the initial setting of “0”. Addresses will be automatically set when initially starting up this unit.

## ■ Primary or subordinate setting of remote controller

1. Select the “06” in Menu 2-F1 Settings. Then press the “⏻/Ⅰ” button.

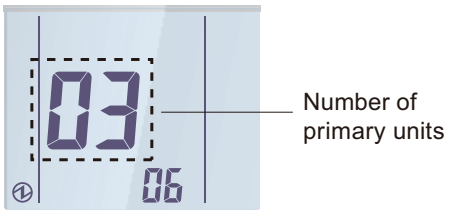
2. Select the “0: Primary” or the “1: Subordinate” with the TEMP. “∧” or TEMP. “∨” button.






FUNCTION SETTINGS

3. Press the "⏻/I" button. If there is no problem, return to Menu 2-F1 items selection screen. In the case of settings at initial booting, display Monitor mode screen.
   If there is 0 or more than 2 primary units, the number will be displayed.
   - If "Primary" is 0, press the "⏻/I" button to return to the Menu 2-F1 item selection screen.
   - If "Primary" is more than 2, press the "⏻/I" button to return to the screen in previous step.
   - To suspend the settings part way through and return to the Menu 2-F1 item screen, press FAN "∨" button.



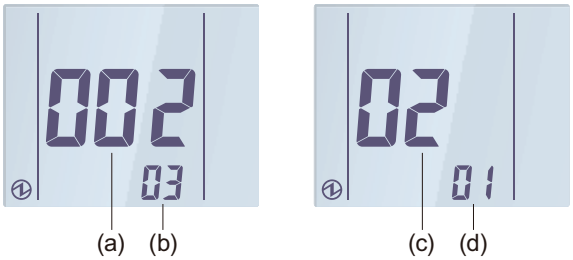

**NOTE:** Set only one primary remote controller.

## ■ Indoor unit address verification

1. Select the "10" in Menu 2-F2 Settings. Then press the "⏻/I" button.

2. Display the smallest 2-wire remote controller address of indoor unit (system number and unit number) of the remote controller group. This address displayed can be switched by the TEMP. "∧" or TEMP. "∨" button. If an indoor unit other than VRF is connected, "-" is displayed.
   Press the "⏻/I" button to display the refrigerant system address and indoor unit address.

   (a) System number (002: Indoor unit)
   (b) Unit number (01 to 32)
   (c) Refrigerant system address (00 to 99)
   (d) Indoor unit address (00 to 63)



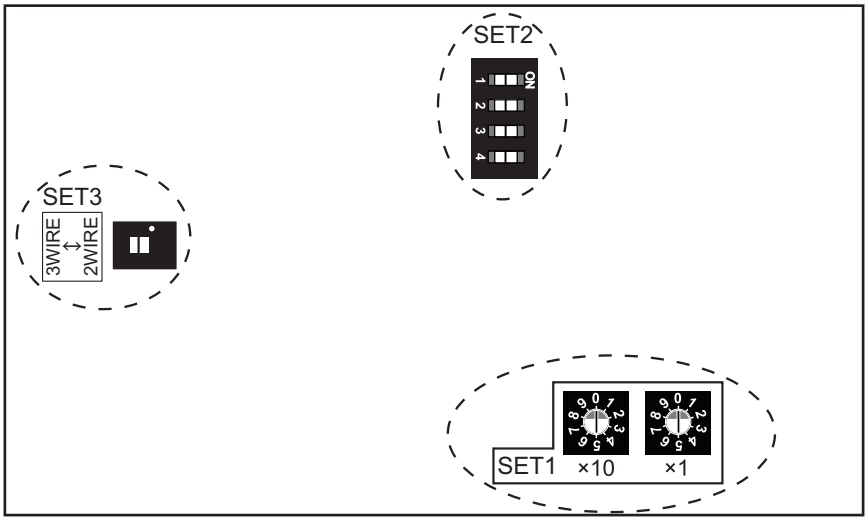

3. Press the FAN "∨" button to return to the Menu 2-F2 item selection screen.


FUNCTION SETTINGS

# 2-23. Network convertor (UTY-VTGX, UTY-VTGXV)

## ■ Switch location

Set the rotary switches (SET1) and DIP switches (SET2, SET3) on the network convertor PCB.




## ■ Rotary switch setting

- **SET1: Refrigerant system address setting**

| Refrigerant system address (Example) | Rotary switch setting | |
|---|---|---|
| | SET1 (x10) (10 digit) | SET1 (x1) (1 digit) |
| 01 | 0 | 1 |
| 99 | 9 | 9 |

**NOTES:**

- Setting range: 00 to 99 (Arbitrary numbers can be set.)
- When connecting the Network Converter for single split air conditioner, set up the number so that the refrigerant circuit address number of the outdoor unit and indoor unit does not overlap. The sum total of the refrigerant circuit address of Network Converter for single split air conditioner, outdoor unit and the indoor unit is a maximum of 100.


FUNCTION SETTINGS

# ■ DIP switch setting

- **SET2-1: Terminal resistance setting**
  When there is no other terminal resistance in the network segment to which the convertor is connected, set to “ON”.

| SET2-1 | Terminal resistance | Factory setting |
|---|---|---|
| ON | Enable | |
| OFF | Disable | ♦ |

- **SET2-2: Setting prohibited**

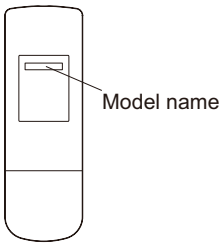
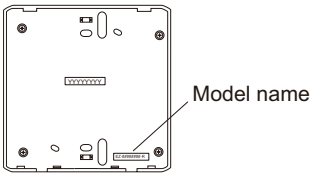
| SW1 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SET2-3: Setting prohibited**

| SW1 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SET2-4: Used remote controller setting**
  Change the DIP switch setting depending on the remote controller model name attached to the indoor unit.

  **NOTE:** When 2-wire type remote controller is connected, set to “OFF” for all models.

<table>
<tr><th>SET2-4</th><th></th><th>Factory setting</th></tr>
<tr><td rowspan="2">ON</td><td>Wireless remote controller model name:<br>AR-RAK1E<br>  <br><br>Rear view</td><td rowspan="2"></td></tr>
<tr><td>3-wire type wired remote controller model name:<br>AR-WAG1E (UTY-RNNGU)<br>  <br><br>Rear view</td></tr>
<tr><td>OFF</td><td>Other than the remote controller mentioned above</td><td>♦</td></tr>
</table>

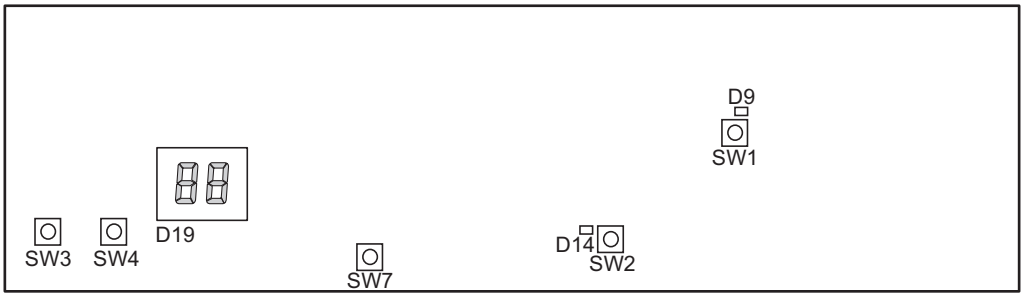
- **SET3: Remote controller 2-wire/3-wire switching**
  Set this setting so that the configuration match with the setting of the used indoor unit.
  Also, set matched with the connection method of the remote controller cable to be connected.

| SET3 | RC 2-wire/3-wire | Factory setting |
|---|---|---|
| 2WIRE | 2-wire type | ♦ |
| 3WIRE | 3-wire type | |


FUNCTION SETTINGS

# 2-24. Signal amplifier

## ■ Switch location

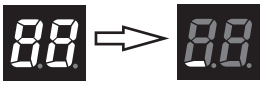



## ■ Automatic address setting

Refer to "Automatic address setting of Signal Amplifier" on page 07-83.

## ■ Manual address setting

1. Turn on the power for the signal amplifier.




2. While holding down SW4 (the set button), press and release SW7 (the reset button) to enter the address setting mode.
   The address setting mode is activated only if the set button is held down when SW7 released.

3. Press SW4 (the set button) to display the current address. The address is set to A1 at the factory.

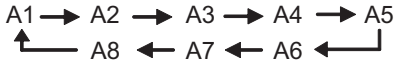
Example 1: When A1 is set  Example 2: When A12 is set



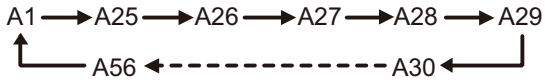
FUNCTION SETTINGS

4. Press SW3 (the mode button) to select the address. The displayed address changes as follows each SW3 button is pressed. When the manual setting is selected, the indicators change as follows:

Filter mode: OFF




Filter mode: ON



Example: Address No.5 is selected

- Press the SW3 when A9-A16 or A57-A88 is displayed, then A1 will be displayed.
- If connecting multiple signal amplifiers, be sure to select a different address for each amplifier.
- If the same address is used for different signal amplifiers, normal communication cannot be done.

5. Press SW4 (the set button) to set the selected address.

Example: Address no.5 is set

6. Turn the power off and on or press SW7 (the reset button) to exit the address setting mode and return to the normal mode. If an address setting error occurs (“26” is displayed on the D19-indicator), the address will not be set. Perform address setting again.

Normal mode

Address setting error

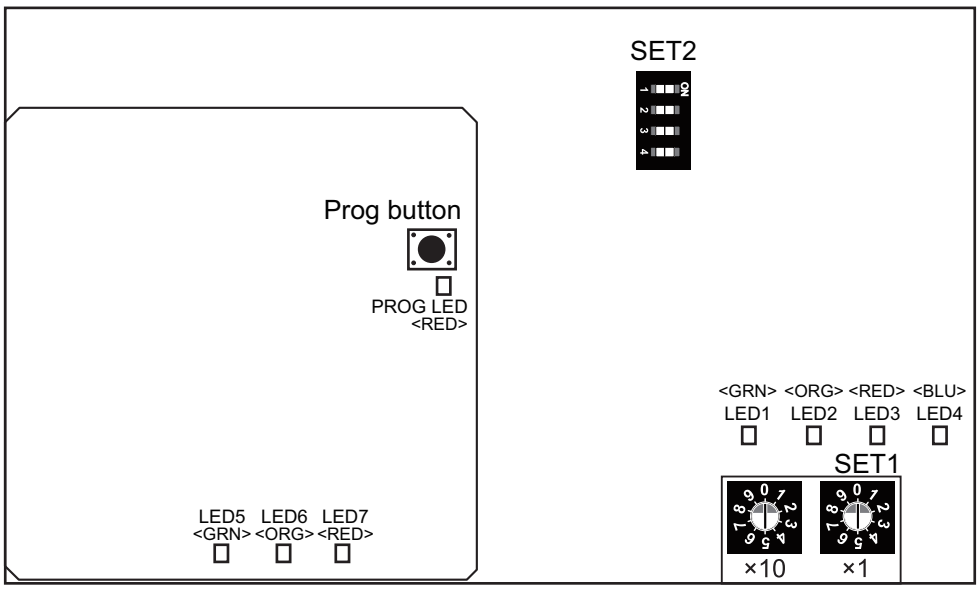


FUNCTION SETTINGS

# 2-25. KNX convertor for VRF

## ■ Switch location

Set the rotary switch (SET1), DIP switch (SET2), and Programming (Prog) button on the KNX convertor PCB.




## ■ Rotary switch setting

- **SET1: KNX convertor remote controller address setting**

| Refrigerant system address (Example) | Rotary switch setting | |
|---|---|---|
| | SET1 (x10) (10 digit) | SET1 (x1) (1 digit) |
| 01 | 0 | 1 |
| 15 | 1 | 5 |

**NOTES:**

- Factory setting: 00
- Setting range: 00 to 15 (Arbitrary numbers can be set.)
- When the rotary switch is set to 16 or more, the remote controller address of the convertor is 15.
- The sum total of the Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks is a maximum of 16.
- For Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks connected in same VRF network system, set an exclusive address on each device.
- This convertor is connectable a maximum of 9 in 1 VRF network system.


FUNCTION SETTINGS

# ■ DIP switch setting

- **SET2-1: VRF terminal resistance setting**
  When there is no outdoor unit or signal amplifier in the VRF network segment to which the convertor is connected, set to “ON”.

| SET2-1 | VRF terminal resistance | Factory setting |
|---|---|---|
| ON | Enable | |
| OFF | Disable | ♦ |

- **SET2-2: Setting prohibited**

| SET2-2 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SET2-3: Test run setting**

| SET2-3 | Test run | Factory setting |
|---|---|---|
| OFF | Reset | ♦ |
| ON | Start | |

- **SET2-4: Scan setting**

| SET2-4 | Scan | Factory setting |
|---|---|---|
| OFF | Reset | ♦ |
| ON | Start | |

# ■ Programming (Prog) button setting

- **Prog button: Mode setting when communicating with the ETS**
  Push to switch between Runtime mode and Programming mode.

| PROG LED | Mode setting | Factory setting |
|---|---|---|
| ON | Programming mode | |
| OFF | Runtime mode | ♦ |



FUNCTION SETTINGS

# ■ Configuration and setting up

This is a fully compatible KNX device which must be configured and setup using standard KNX tool ETS.

For how to configure the settings from the ETS, refer to the Interface Specification.

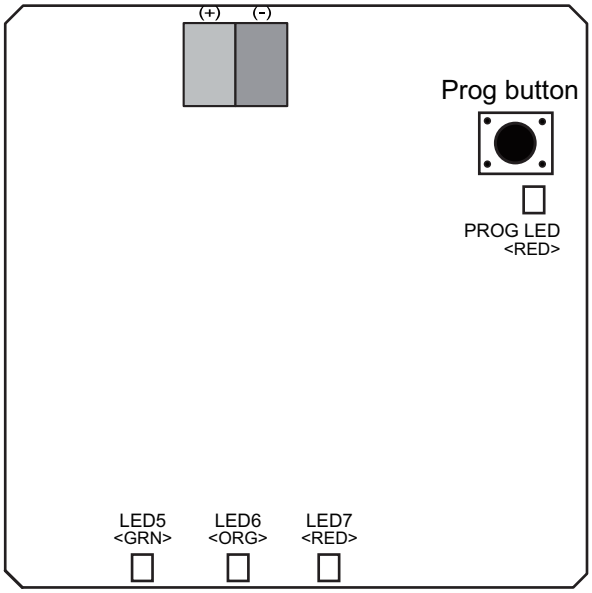
ETS database for this device can be downloaded from:

https://fujitsu-general.com/global/support/downloads/vrf/index.html

# 2-26. KNX convertor for Indoor unit

## ■ Switch location

Set Programming (Prog) button on the KNX convertor PCB.




## ■ Programming (Prog) button setting

- **Prog button: Mode setting when communicating with the ETS**
  Push to switch between Runtime mode and Programming mode.

| PROG LED | Mode setting | Factory setting |
|---|---|---|
| ON | Programming mode | |
| OFF | Runtime mode | ♦ |

## ■ Configuration and setting up

This is a fully compatible KNX device which must be configured and setup using standard KNX tool ETS.

For how to configure the settings from the ETS, refer to the Interface Specification.

ETS database for this device can be downloaded from:

https://fujitsu-general.com/global/support/downloads/vrf/index.html

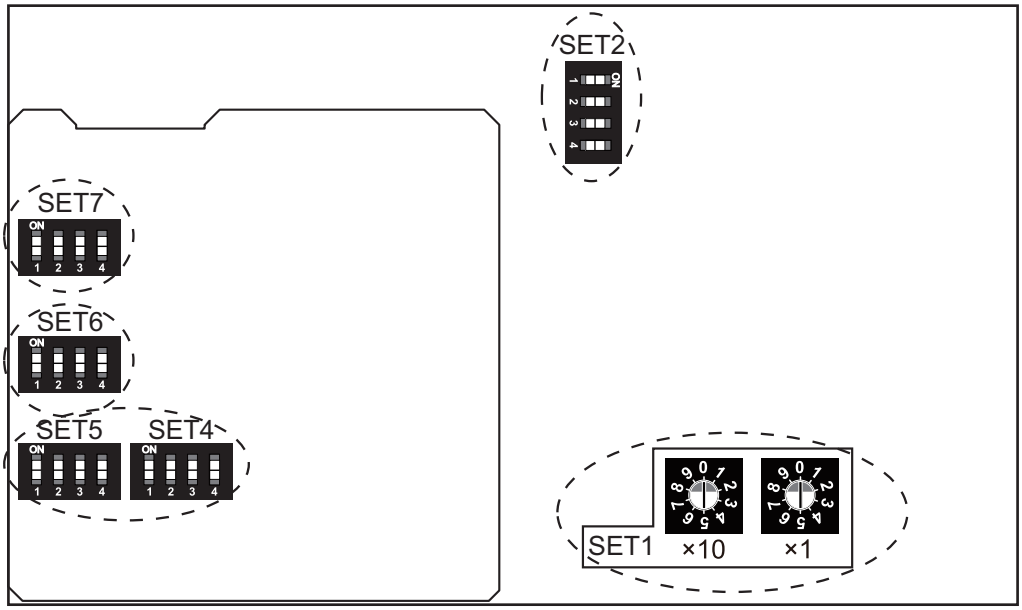


FUNCTION SETTINGS

# 2-27. Modbus Converter for VRF

## ■ Switch location

Set the rotary switch (SET1) and DIP switches (SET2, 4, 5, 6, 7) on the PCB.




## ■ Rotary switch setting

- **SET1: Modbus Converter remote controller address setting**

| Refrigerant system address (Example) | Rotary switch setting | |
|---|---|---|
| | SET1 (x10) (10 digit) | SET1 (x1) (1 digit) |
| 01 | 0 | 1 |
| 15 | 1 | 5 |

**NOTES:**

- Factory setting: 00
- Setting range: 00 to 15 (Arbitrary numbers can be set.)
- When the rotary switch is set to 16 or more, the remote controller address of the convertor is 15.
- The sum total of the Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks is a maximum of 16.
- For Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks connected in same VRF network system, set an exclusive address on each device.
- This convertor is connectable a maximum of 9 in 1 VRF network system.


FUNCTION SETTINGS

# ■ DIP switch setting

- **SET2-1: VRF terminal resistance setting**
  When there is no outdoor unit or signal amplifier in the VRF network segment to which the convertor is connected, set to “ON”.

| SET2-1 | VRF terminal resistance | Factory setting |
|---|---|---|
| ON | Enable | |
| OFF | Disable | ♦ |

- **SET2-2: Setting prohibited**

| SET2-2 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SET2-3: Test run setting**

| SET2-3 | Test run | Factory setting |
|---|---|---|
| OFF | Reset | ♦ |
| ON | Start | |

- **SET2-4: Scan setting**

| SET2-4 | Scan | Factory setting |
|---|---|---|
| OFF | Reset | ♦ |
| ON | Start | |

- **SET4, SET5: Modbus subordinate address setting**
  Setting range: 1-247 (Arbitrary numbers can be set.)
  For details, refer to the installation manual.

- **SET6-1: Setting prohibited**

| SET6-1 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SET6-2: Modbus communication stop bit setting**

| SET6-2 | Modbus communication stop bit | Factory setting |
|---|---|---|
| OFF | 1 bit | ♦ |
| ON | 2 bit | |

- **SET6-3: Modbus communication parity setting**

| SET6-3 | Modbus communication parity | Factory setting |
|---|---|---|
| OFF | Even | ♦ |
| ON | Odd | |

**NOTE:** When SET6-2 (Modbus communication stop bit setting) is set to “ON” (2 bit), the parity is set to “None” regardless of the setting of this switch.


FUNCTION SETTINGS

- **SET6-4: Modbus communication baud rate setting**

| SET6-4 | Modbus communication baud rate | Factory setting |
|---|---|---|
| OFF | 9,600 bps | ♦ |
| ON | 19,200 bps | |

- **SET7-1, 7-2, 7-3: Setting prohibited**

| SET7-1, 2, 3 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SET7-4: Terminal resistance setting**
  Terminal resistance of Modbus communication can be set. (Terminal resistance: 120 Ω)
  In case of circuit terminal resistance, set the terminal resistance to be enabled.

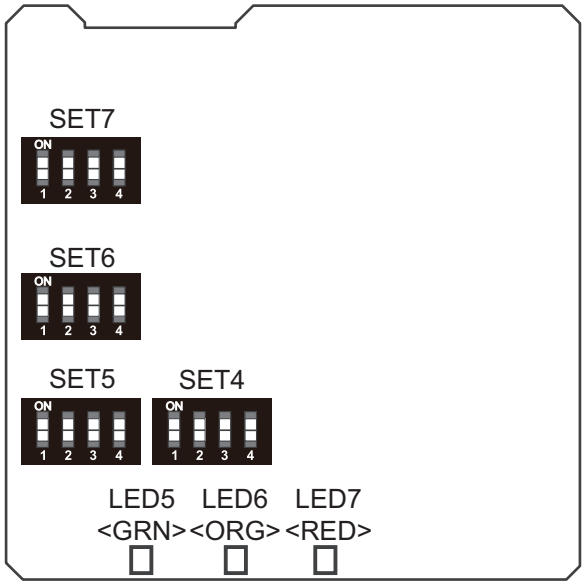
| SET7-4 | Terminal resistance | Factory setting |
|---|---|---|
| OFF | Disable | ♦ |
| ON | Enable | |


FUNCTION SETTINGS

# 2-28. Modbus Converter for Indoor Unit

## ■ Switch location

Set the DIP switches (SET4, 5, 6, 7) on the PCB.




## ■ DIP switch setting

- **SET4, SET5: Modbus subordinate address setting**
  Setting range: 1-247 (Arbitrary numbers can be set.)
  For details, refer to the installation manual.

- **SET6-1: Setting prohibited**

| SET6-1 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

- **SET6-2: Modbus communication stop bit setting**

| SET6-2 | Modbus communication stop bit | Factory setting |
|---|---|---|
| OFF | 1 bit | ♦ |
| ON | 2 bit | |

- **SET6-3: Modbus communication parity setting**

| SET6-3 | Modbus communication parity | Factory setting |
|---|---|---|
| OFF | Even | ♦ |
| ON | Odd | |

**NOTE:** When SET6-2 (Modbus communication stop bit setting) is set to “ON” (2 bit), the parity is set to “None” regardless of the setting of this switch.

- **SET6-4: Modbus communication baud rate setting**

| SET6-4 | Modbus communication baud rate | Factory setting |
|---|---|---|
| OFF | 9,600 bps | ♦ |
| ON | 19,200 bps | |


FUNCTION SETTINGS

- **SET7-1, 7-2, 7-3: Setting prohibited**

| SET7-1, 2, 3 | | Factory setting |
|---|---|---|
| OFF | Fixed at OFF | ♦ |
| ON | Setting prohibited | |

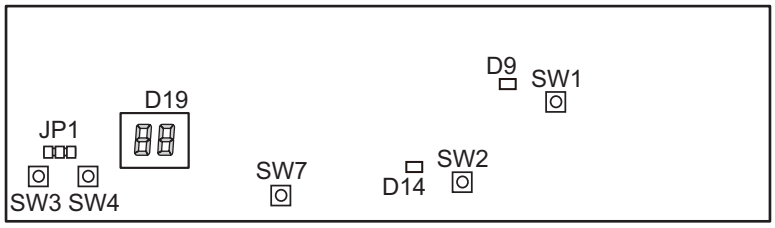
- **SET7-4: Terminal resistance setting**
  Terminal resistance of Modbus communication can be set. (Terminal resistance: 120 Ω)
  In case of circuit terminal resistance, set the terminal resistance to be enabled.

| SET7-4 | Terminal resistance | Factory setting |
|---|---|---|
| OFF | Disable | ♦ |
| ON | Enable | |


FUNCTION SETTINGS

# 2-29. Network Converter for LonWorks

## ■ Switch location



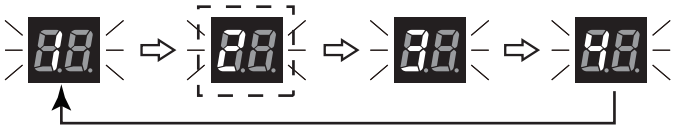

## ■ Address setting

Following steps are necessary for setting address of Network Converter.

For Touch Panel Controller, Central Remote Controller, Modbus Converter, and Network Converter for LonWorks connected in same VRF network system, set an exclusive address on each device.

1. Turn on the power of the Network Converter.

2. Select the special mode by pressing and releasing SW7 (reset button) while holding down SW4 (set button) until special mode “1” is displayed.
   Special mode changes from “1” to “4” as shown in the following figure.



3. Press SW3 (mode button) to set special mode “2”. Special mode “2” is the address setting mode.

4. Press SW4 (set button). Current set address is displayed.

Example: Address no. 15 (Factory setting)

5. Press SW3 (mode button) to select the address. The displayed address changes as follows each time the mode button is pressed.

A00 → A01 → A02 --------► A15

Example: Address no. 3 is selected.

6. Press SW4 (set button) to set the selected address.

Example: Address no. 3 is set

7. Turn the power off and on or press SW7 (reset button) to exit from address setting mode. Anyone of the following indication will disappear:

: VRF Network address allocation is not registered by using Tool for Network Converter

: Binding and commissioning is not executed

: Normal mode (Ready for operation)

Others : Refer to the installation manual for more details.



FUNCTION SETTINGS

# 2-30. Duct static pressure setting

When the external static pressure is different from the normal static pressure, change the airflow setting.

Setting of airflow can be changed by wireless remote controller, wired remote controller, and simple remote controller.

**How to set airflow (external static pressure):**

- **Wireless remote controller (UTY-LNV∗)**
  Airflow is set by function number 26 (static pressure).
  For details, refer to the following sections:
  – "Button name and function" on page 07-25
  – "Indoor unit (setting by UTY-LNV∗)" on page 07-113
  – "Function details" on page 07-147

- **Wireless remote controller (UTY-LNH∗)**
  Airflow is set by function number 26 (static pressure).
  For details, refer to the following sections:
  – "Button name and function" on page 07-37
  – "Indoor unit (setting by UTY-LNH∗)" on page 07-121
  – "Function details" on page 07-147

- **Wired remote controller (UTY-RNK∗)**
  Airflow is set by function number 26 (static pressure).
  For details, refer to the following sections:
  – "Button name and function" on page 07-48
  – "Indoor unit (setting by UTY-RNK∗)" on page 07-127
  – "Function details" on page 07-147

- **Wired remote controller (UTY-RLR∗)**
  Airflow is set by function number 26 (static pressure).
  For details, refer to the following sections:
  – "Indoor unit (setting by UTY-RLR∗)" on page 07-144
  – "Function details" on page 07-147

- **Simple remote controller (UTY-RSK∗, UTY-RHK∗)**
  Airflow is set by function number 26 (static pressure).
  For details, refer to the following sections:
  – "Button name and function" on page 07-60
  – "Indoor unit (setting by UTY-RSK∗, UTY-RHK∗)" on page 07-133
  – "Function details" on page 07-147

- **Simple remote controller (UTY-RSR∗, UTY-RHR∗)**
  Airflow is set by function number 26 (static pressure).
  For details, refer to the following sections:
  – "Indoor unit (setting by UTY-RSR∗, UTY-RHR∗)" on page 07-130
  – "Function details" on page 07-147

- **Wired remote controller (Touch panel)**
  Airflow is set by function number 26 (static pressure).
  For details, refer to the following sections:
  – "Indoor unit (setting by UTY-RVR∗)" on page 07-136
  – "Indoor unit (setting by UTY-RNR∗Z∗)" on page 07-140
  – "Function details" on page 07-147


FUNCTION SETTINGS

**⚠ CAUTION**

- Setting of static pressure must be fall within the static pressure setting range described in "Fan performance curve" in Chapter 4. INDOOR UNITS on page 04-199.
- Static pressure setting out of the static pressure setting range may cause product malfunction such as capacity degradation or water leakage.

This setting is not available for the following models.

| Indoor unit type | Model name |
|---|---|
| High static pressure duct | ARXC036GTEH |
| | ARXC045GTEH |
| | ARXC060GTEH |



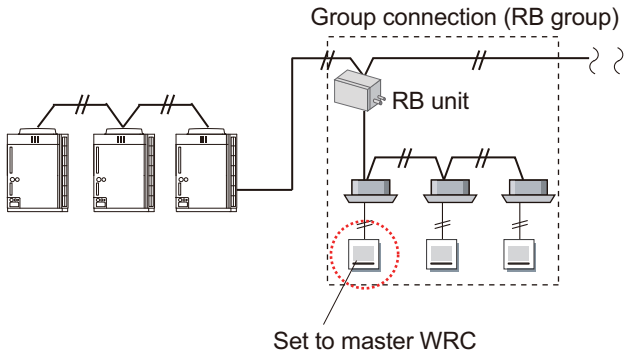
FUNCTION SETTINGS

# 2-31. Administrative indoor unit setting

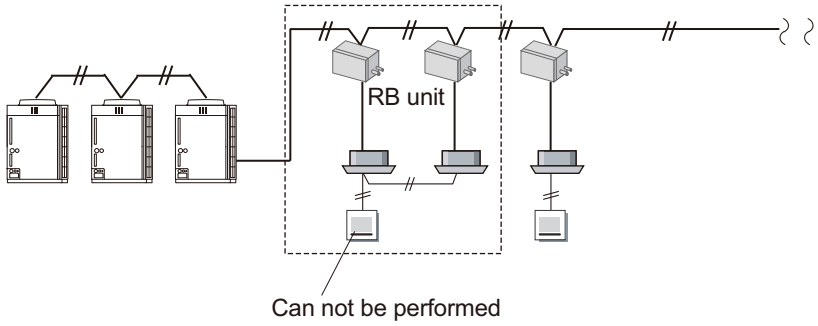
When multiple indoor units with separate wired remote controller are connected to one branch port of RB unit (group connection), it is possible to give the cool / heat mode selection authority to one particular wired remote controller (called master wired remote controller). When the master wired remote controller setting is not performed, mode (cool/ heat) selection priority goes to wired remote controller which executed first.

## ■ Example

- **Example 1 (OK)**




- **Example 2 (Prohibited)**
  When indoor units which connected to different RB units are operated by one wired remote controller, administrative indoor unit setting can not be performed.




## ■ Setting method

Administrative indoor unit setting can be performed by outdoor unit function setting and wired remote controller setting.

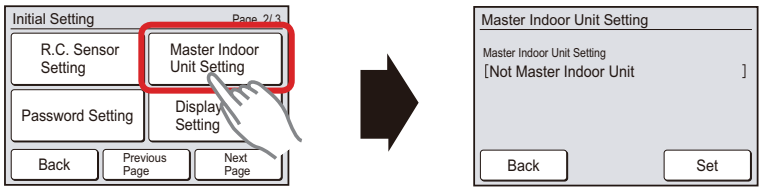
1. Perform outdoor unit function setting with referring "Setting on outdoor unit PCB" on page 07-93.


FUNCTION SETTINGS

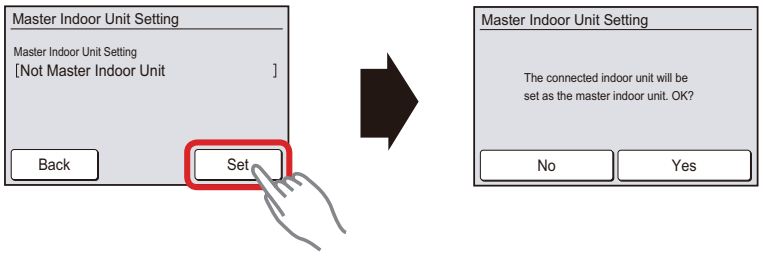
2. Perform wired remote controller setting. Depend on the type of the wired remote controller, setting method is different as follows:

- **Wired remote controller (Touch panel: UTY-RNR∗Z∗)**

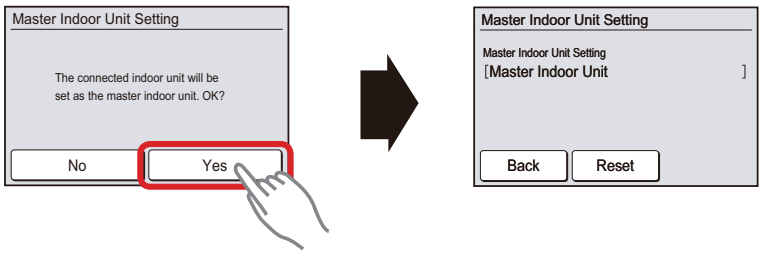
a. Touch the “Master Indoor Unit Setting” on the Initial Setting screen. Master Indoor Unit Setting screen is displayed. (Master indoor unit = Administrative indoor unit)



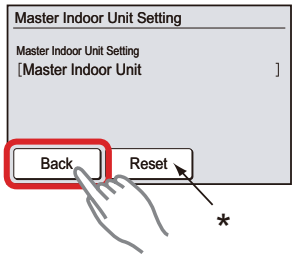

b. When “Set” is touched on the Master Indoor Unit Setting screen, a verification screen is displayed.




c. When “Yes” is touched on the verification screen, the setting data is transmitted to the indoor unit and the display returns to the Master Indoor Unit Setting screen.




d. When “Back” is touched on the Master Indoor Unit Setting screen, the display returns to the Initial Setting screen.



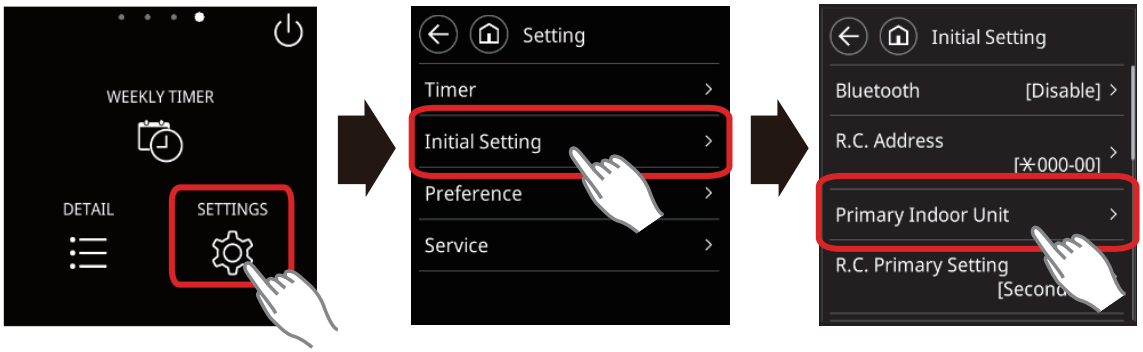

*: To clear the master indoor unit setting, touch “Reset”. (Resetting cannot be performed while the indoor unit is operating.)



FUNCTION SETTINGS

**NOTE:** For canceling the existing master unit setting and applying the master unit setting to other indoor unit, always perform the resetting of current setting first. Then perform the master unit setting to the other indoor unit.

- **Wired remote controller (Touch panel: UTY-RVR∗)**
  a. Tap the “Primary Indoor Unit” on the Initial Setting screen.



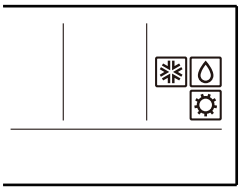

Enter the Admin password. Enter the Installer password.

  b. Tap “Set” to set a unit as the primary indoor unit.

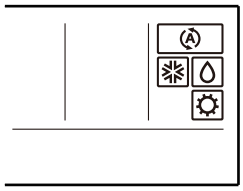
**NOTE:** To clear the primary indoor unit setting, tap “Reset”. (Resetting cannot be performed while the indoor unit is operating.)

- **Wired remote controller**
  a. After the indoor unit stops operation, press the MODE button of wired remote controller for 5 seconds continuously.
  After 5 seconds, the operating mode indicator on the wired remote controller display lights on.

When the unit is not set as the administrative indoor unit (A):



When the unit is set as the administrative indoor unit (B):

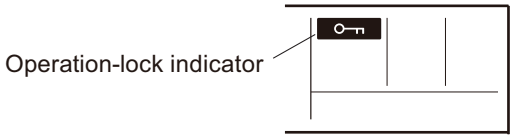


  b. Press the MODE button.
  – The indicator blinks when the MODE button is pressed, and the indication of 1-(A) and 1-(B) alters whenever the MODE button is pressed.
  – The setting configured on the wired remote controller is transmitted to the indoor unit immediately after the selection of (A) or (B) is completed. It may take 10 seconds or so depending on the communication conditions. During this period, the button operation will be suspended.
  – It automatically returns to the regular display after 20 seconds if there is no button entry.
  – When the setting or canceling is completed, the indication on the wired remote controller changes to the regular indication from blinking.


FUNCTION SETTINGS

**NOTES:**

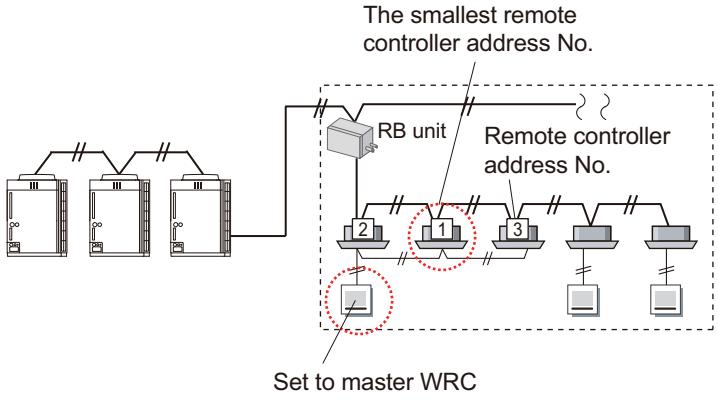
When operation lock indicator lights on, the MODE button is locked because of the following reasons:




- "Priority on administrative indoor unit" is not selected in the setting of priority mode of the outdoor unit.
  In this case, select "Priority on administrative indoor unit" in setting of priority mode of the outdoor unit first. Then set the administrative indoor unit on the wired remote controller.
- Another indoor unit has already been set as the administrative indoor unit.
  In this case, cancel the administrative indoor unit setting of another indoor unit.

c. Complete the setting or canceling of the administrative indoor unit.
   Press the MODE button of the wired remote controller again for 5 seconds continuously. The indication returns to the regular display.
   (It returns to regular indication after 20 seconds even if the MODE button is not pressed.)

**NOTE:** In remote controller group, the cool/heat mode is changed over according to a detected room temperature of an indoor unit with the smallest remote controller address number.





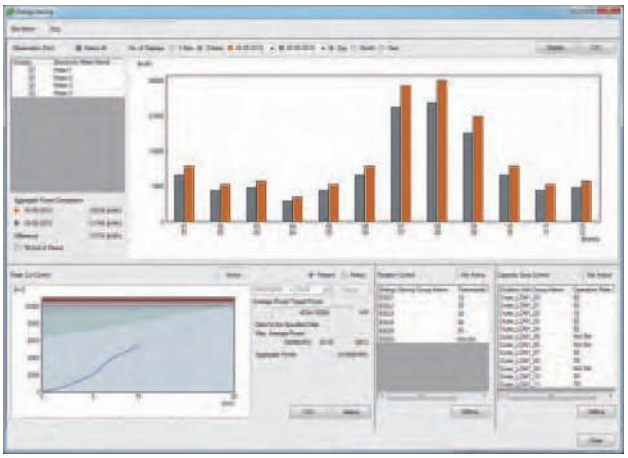

FUNCTION SETTINGS

# 2-32. Energy saving setting on System Controller

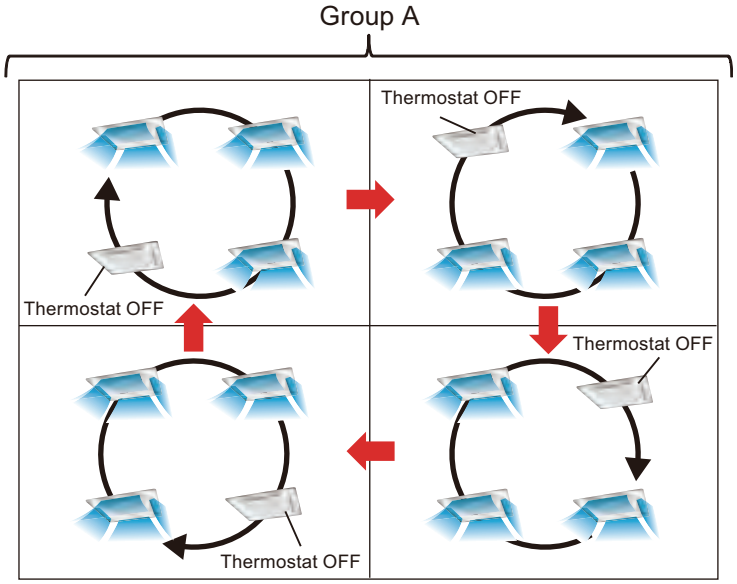
By installing System Controller or System Controller Lite, energy saving function using electricity meters can be performed.

## ■ Features of energy saving function

- **Power consumption graph**
  Displays the power consumption measured by the electricity meter connected to the air conditioner by bar graph, and makes it easier to understand the power consumption conditions.
  – Power consumption data for 3 years can be saved
  – Past record can be referenced as history
  – Data of an arbitrary 2 periods can be displayed for comparison



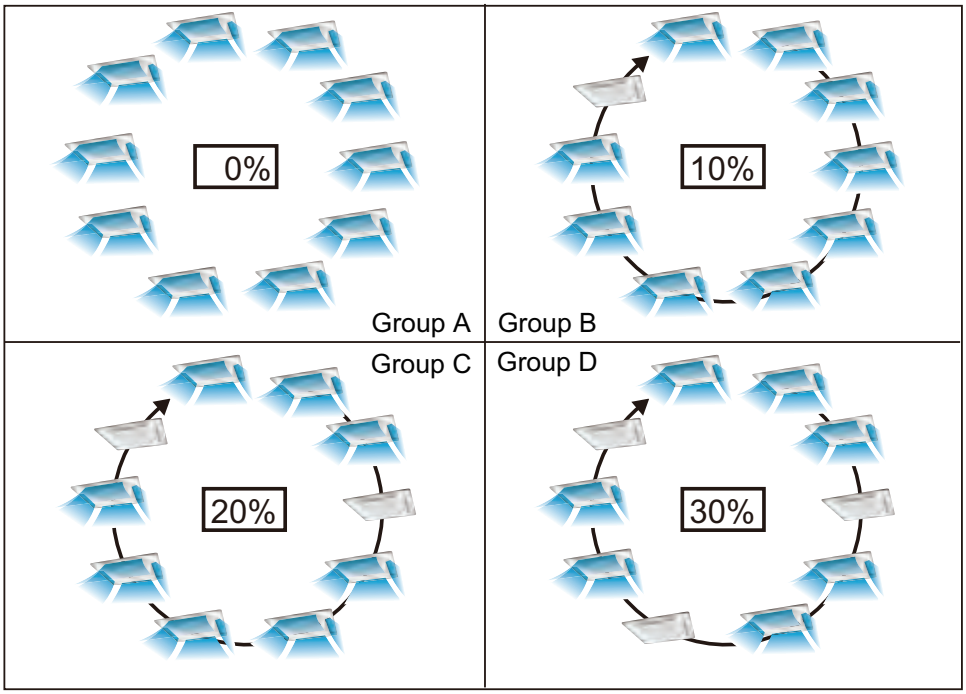
- **Indoor Unit Lead Lag operation**
  Reduces the power consumption by changing the indoor unit which is to be set forced thermostat OFF in turn.
  Operating the air conditioner even in the spring and autumn when the heat load is comparatively light may have an energy saving effect. Because it is an intermittent operation, it does not loose much comfort, and is a control which is difficult for the user of the room to sense its operation.
  – The electric power consumed in the arbitrarily defined group is reduced by changing indoor units which are set to forced thermostat OFF in turn.



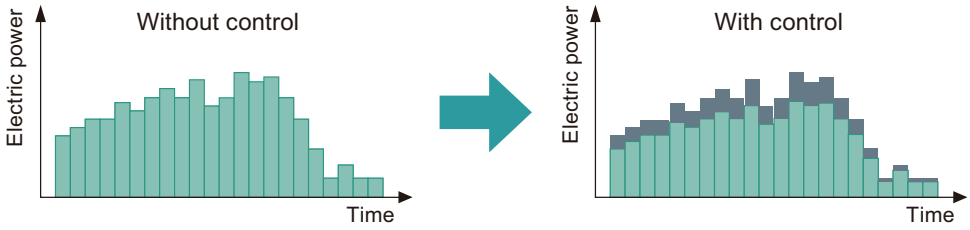


FUNCTION SETTINGS

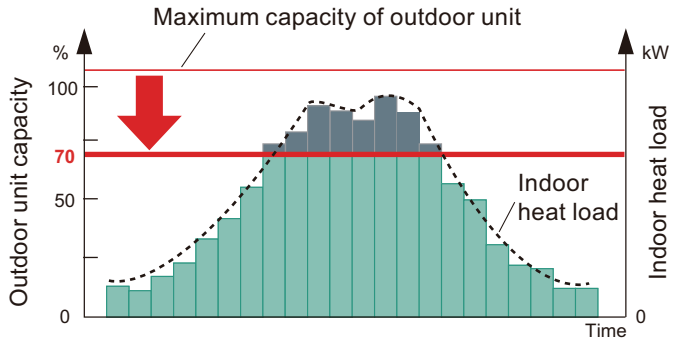
– Indoor units can be changed in turn according to the stoppage rate set for each group.




*The indoor unit operation stoppage rate can be selected from 10% to 30%.



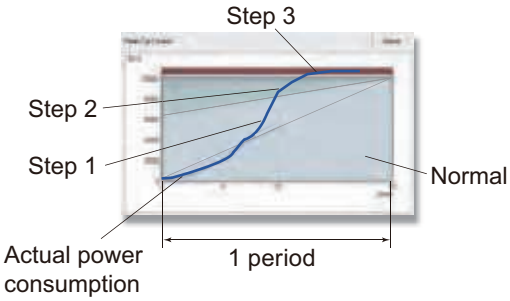

- **Outdoor unit capacity saving**
  The power consumption is reduced by limiting the upper limit of the outdoor unit capacity for each refrigerant system.
  This has a reducing effect especially in the summer, winter and other times when the heat load is high.
  In addition, because the upper limit capacity of the outdoor unit is limited directly, it is a control which easily exhibits an energy saving effect compared to rotation control. However, because the outdoor unit does not operate above the limited capacity, there may be a loss of comfort, depending on the indoor heat load. (The operation capacity upper limit rate [%] of the outdoor unit is specified for each refrigerant system.)



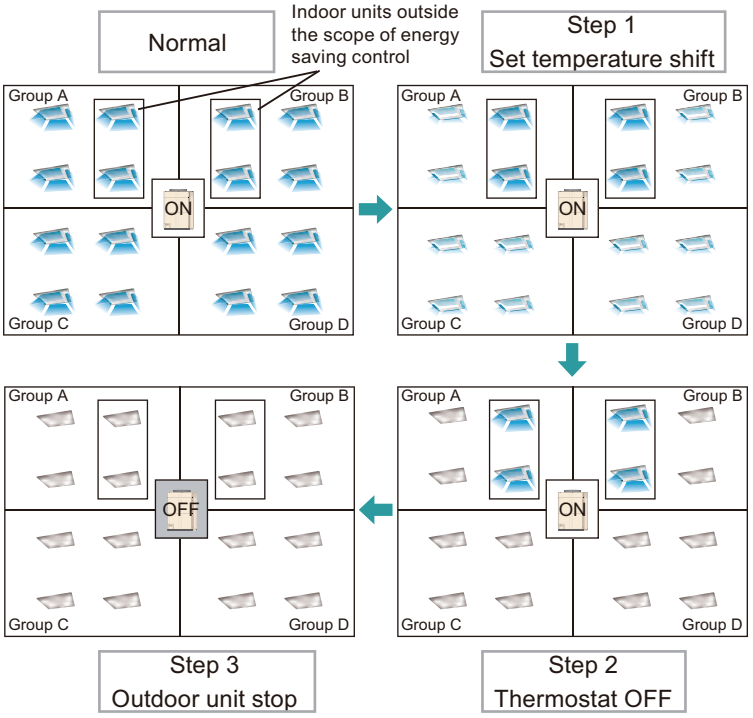


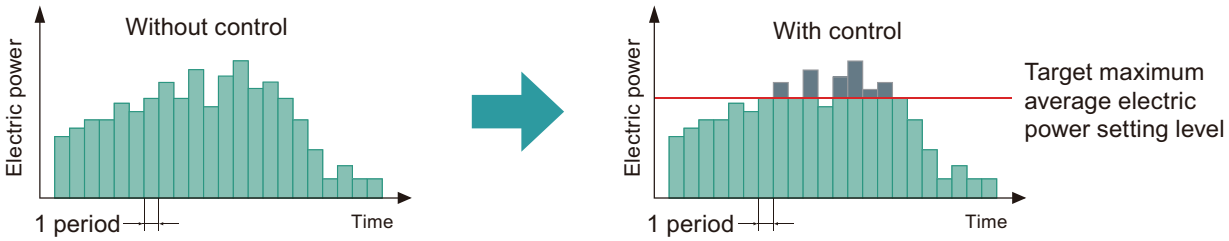
FUNCTION SETTINGS

- **Peak cut operation**
  Reduces the power consumption by setting a specific target value (maximum average power [kW]) for all the air conditioners and controlling operation so that this value is not exceeded.
  Limit control is performed in 3 steps of “Step 1: Set temperature shift” → “Step 2: Thermostat OFF” → “Step 3: Outdoor unit stop”.
  To perform this control, an electricity meter must be installed.




*Specifies the maximum average electric power [kW] for the entire air conditioning system.




FUNCTION SETTINGS

FUNCTION SETTINGS

# ■ General setting flow for energy saving and electricity charge apportionment using electricity meter

Description mentioned here is an example of general setting flow for performing an energy saving function and an electricity charge apportionment function using an electricity meter.

**NOTE:** Layout of the outdoor units and indoor units, combination of the remote controller group, and other design shall be performed separately from the following steps.

1. Understand the overview of the energy saving function and electricity charge apportionment function using an electricity meter, the usage method, and restrictions, etc.
   For details, refer to:
   - "Features of energy saving function" on page 07-194
   - "Operation example" on page 07-198
   - "Notes on energy saving function" on page 07-198
   - "Installation restriction and requirement of energy saving units" on page 07-199
   - "Electricity charge apportionment and electricity meter" on page 07-200

2. Decide following items:
   - Power source supply system
   - Electricity meter installation sites, number(s), and connecting outdoor units
   - Appropriate VT/CT specifications

   For details, refer to:
   - "Electrical wiring" on page 07-201
   - "Installation restriction and requirement of energy saving units" on page 07-199
   - "Electricity meter system" on page 07-213

3. Purchase the electricity meters and related hardware and materials.
   For details, refer to:
   - "Electrical wiring" on page 07-201

4. Perform the installation of the electricity meters and related hardware or materials.
   For details, refer to:
   - "Electrical wiring" on page 07-201

5. Perform the setting of the electricity meter.
   For details, refer to:
   - "Setting of outdoor unit and System Controller" on page 07-214

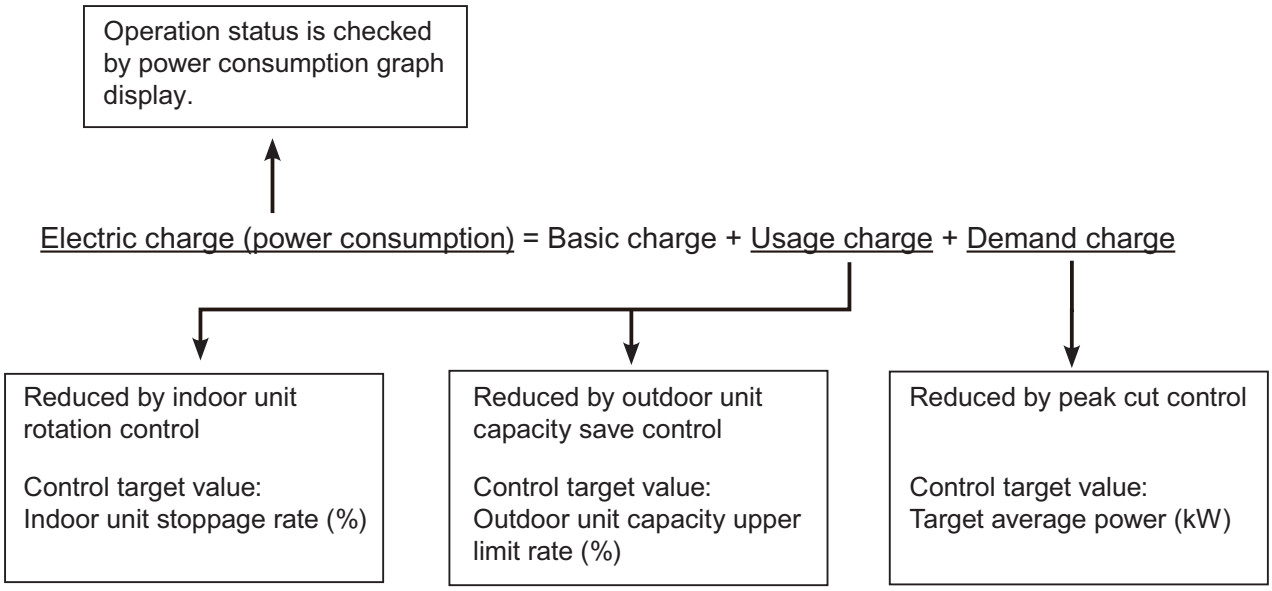
6. Perform the setting of the outdoor unit.
   For details, refer to:
   - "Setting of outdoor unit and System Controller" on page 07-214
   - "Accessories" in Chapter 3. OUTDOOR UNITS on page 03-59

7. Perform the setting of the system controller.
   For details, refer to:
   - "Setting of outdoor unit and System Controller" on page 07-214
   - System controller instruction manual


FUNCTION SETTINGS

## ■ Operation example

Breakdown of electricity charges in general and the corresponding operation of the system for each item is as follows.




| | |
|---|---|
| Basic charge | Charge billed according to contract with the electric power company. Includes meter reading cost and billing cost. |
| Usage charge | Charge billed according the power consumed. |
| Demand charge | Charge billed according to the scale of the contract with the electric power company. |

## ■ Notes on energy saving function

**Energy saving function precautions and scope of guarantee:**
The effect of the energy saving function depends on the units used in the system, usage environment, installation environment, and so forth. Each energy saving function is not guaranteed to display a fixed effect and function for operation by specific setting. Before using the function, read and understand the following precautions.

- **How to use the energy saving function:**
  Since the effect of the energy saving function depends on the units used in the system, usage environment, installation environment, and so forth, a different effect may appear according to the building and operating period even when operated with the same settings and schedule. Try to gain an understanding of the features of each energy saving function and confirm the actual effect through operation and apply appropriate settings, etc. as required.

- **Target electric power of peak cut function:**
  These are values used as target values when performing peak cut control. These values do not always guarantee that the consumed power is within the target value. For example, even if forced thermostat off and outdoor unit stoppage are activated, the control become ineffective if the outdoor unit is performing a protective operation (oil recovery and defrosting). As a result, the electric power consumed may exceed the target electric power.

- **Relationship between unit protection and energy saving function:**
  For VRF, there are operations and restrictions for protecting units. The energy saving function operates within the range of these protective operations and restrictions. When the energy saving function performs control against these protective operations and restrictions, the protective operations and restrictions have priority and the energy saving function is either restricted or may not operate. As protective operations of units, there are oil recovery, defrosting, etc. which are automatically performed periodically or under specified conditions.

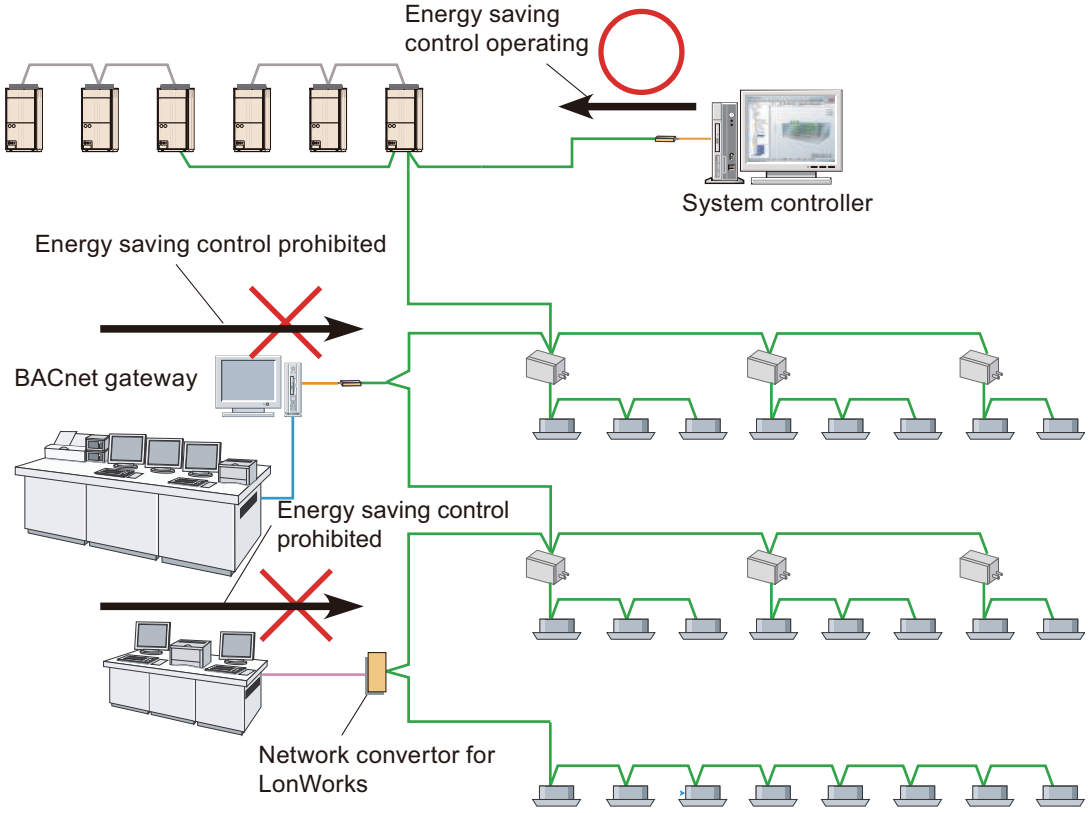

FUNCTION SETTINGS

- **Failure, etc.:**
  An energy saving function operates only when the related units are operating normally. When the power of the electricity meter and the outdoor units connected to an electricity meter and the System Controller is turned off due to a failure, etc. the energy saving function will not operate normally.

- **Explaining to the building tenants:**
  During energy saving function operation, control from the remote controller may be overridden by the energy saving control. For this reason, it is recommended that the building tenants be informed of this beforehand.

## ■ Installation restriction and requirement of energy saving units

- **Only 1 unit may perform energy saving control at a time.**
  When energy saving control is performed by System Controller (UTY-APGXZ1, UTY-PEGXZ1), stop energy saving control such as forced thermostat OFF, outdoor unit forced OFF, and outdoor unit capacity limit from the building management system through the following units:
  – BACnet Gateway (Software)
  – Network Converter for LonWorks
  When energy saving control is performed from multiple points, trouble may occur.




- **Electricity meter installation required for some functions.**
  For using following functions under energy saving control, installation of an electricity meter is required.
  – Power consumption graph display function
  – Peak cut control
  When these functions are necessary, install an electricity meter in advance with referring the installation manual.


FUNCTION SETTINGS

# 2-33. Electricity charge apportionment setting (System controller, Touch panel controller)

Electricity meters are required to use an electricity charge apportionment function. To perform the functions mentioned here, one of the controller listed below is required:

- System Controller
- System Controller Lite
- Touch Panel Controller

## ■ Electricity charge apportionment and electricity meter

When implementing the electricity charge apportionment function in a VRF System, a configuration which does not use electricity meters or a configuration which uses electricity meters can be selected. The differences between these two configurations are explained below.

The electricity charge apportionment function apportions the power consumption to each block (tenant indoor unit) defined in advance according to the usage record, after the power consumption (electricity charge) of the air conditioners is input to the System Controller. Electricity charge apportionment calculation becomes possible only after inputting the power consumption (or electricity charge).

**Electricity charge apportionment when electricity meter not used**

Only after the electricity bill is received from the electric power company and the billed amount is input into the System Controller, can electricity charge apportionment for the billed period be calculated.

**Electricity charge apportionment when electricity meter used**

Since the power consumption data is sent from the electricity meter to the System Controller at any time, basically electricity charge apportionment calculation can be performed at any time. Because an actual System Controller calculate power charge apportionment data in one day units, electricity charge apportionment calculation can be performed at an arbitrary day in one day units.

**Example 1:**

When the tenants of a tenant building, etc. are billed for their air conditioning electricity charge once a month, if the electricity bill arrives from the electric power company each month, the electricity charge apportionment function can be used without electricity meters because electricity charge apportionment can be performed based on that bill and the tenants can be billed. Even if there are tenants moving in and out within a month, appropriate billing can be performed after the bill was received from the electric power company. However, when the electricity bill is received from the electric power company once every 3 months, electricity charge apportionment for 3 months cannot be calculated until the bill is received. In this case, building owner can only bill the building tenants for air conditioning electricity charges every 3 months. However, if electricity meters are installed, billing at an arbitrary interval, for example, once a month, is possible.

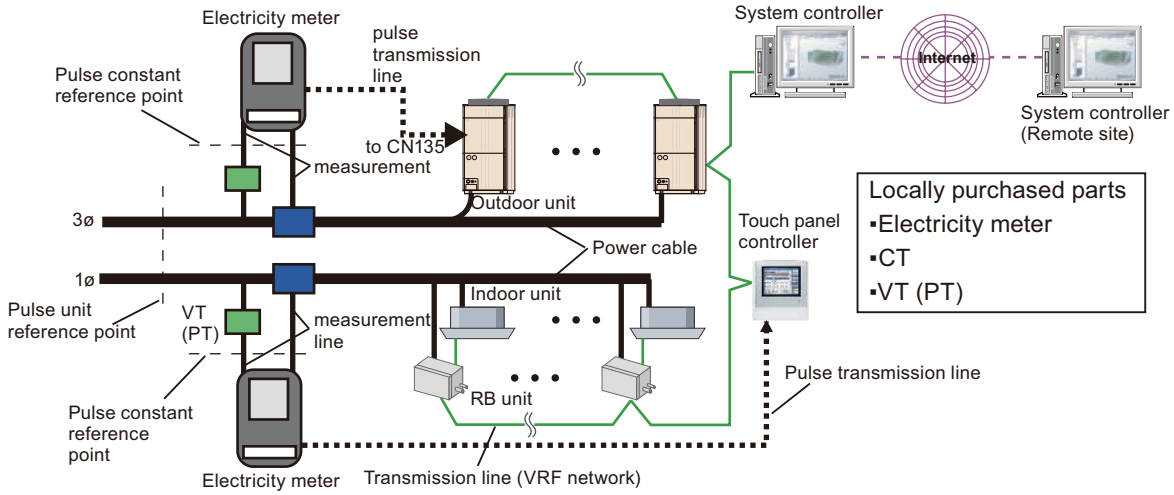
**Example 2:**

When air conditioning electricity charge is billed based on the electricity charge apportionment function for each room in hotels etc., because guests leave and arrive daily and the electricity charge is calculated each time, you cannot wait for the electricity bill to arrive from the electric power company. In such cases, it must be possible to be able to calculate electricity charge apportionment at any time using electricity meter.


FUNCTION SETTINGS

# ■ Electrical wiring

- **Electricity meter connection composition**
  To perform energy saving peak cut control, basically, electricity meters with pulse transmission function measuring all the power consumed by the air conditioner are necessary. Multiple meters installations are also possible as long as the number of electricity meters is within the specified limit. A general electricity meter installation configuration is shown below.




| Item | Description |
|---|---|
| Electricity meter | Measures the voltage and current of the power cable to which measurement line is connected and finds the power consumption from these. In addition, pulses corresponding to the measured value are output to the transmission line. |
| Voltage Transformer (VT) | Transform the power supply voltage to a measurable voltage. Transformation ratio is indicated by VT (PT) ratio. Normally unnecessary for the voltage value level used by outdoor units and indoor units. |
| Power Transformer (PT) | |
| Current Transformer (CT) | Transform the power line current value to a current measurable by an electricity meter. Transformation ratio is indicated by CT ratio. There are types which is inserted between power cables and types which are coupled to the power cables. |
| Pulse unit | Pulse unit indicates the relationship between electricity meter output pulse and measured power. The value specified in pulse unit indicates the power in kWh consumed on the power cable for 1 pulse.<br>Units: kWh/pulse<br>The value specified by pulse unit takes into account the VT and CT ratio used and corresponds to the actual power consumption itself. |
| Pulse unit reference point | Indicates the measurement point of the power consumption specified in pulse units. |
| Pulse constant | Pulse constant indicates the relationship between electricity meter measured power and output pulses. The value specified by pulse constant indicates how many pulses are equivalent to 1 kWh of power consumption input to an electricity meter.<br>Units: pulse/kWh<br>Because the ratio of VT and CT used is not taken into account in the value specified by pulse constant, to find the actual power consumption on the power cable, the pulse constant value must be multiplied by both the VT and CT ratio. |
| Pulse constant reference point | Indicates the measurement point of power consumption specified by pulse constant. |

- **Selection of Electricity meter, CT, and VT**
  Select the electricity meter, CT, and VT by considering the following items:
  – Install electricity meters for each refrigerant system, if circumstances allow.
  – Select VT/CT with a small VT/CT ratio.
  – When using an electricity meter which is specified in pulse units (kWh/pulse), usually select a meter with a 1 kWh/pulse output.


FUNCTION SETTINGS

- **Outdoor unit connection interface (CN135) or touch panel controller connection interface (TM201 CH1) to electricity meter**

| Item | | Specifications | Remarks |
|---|---|---|---|
| Interface | | Dry contact “a” contacts | “a” contacts: ON when shorted *1 |
| Pulse | Specifications | Width: 50 ms or more<br>Interval: 50 ms or more | |
| | Units | 1 kWh/pulse (pulse units) recommended. | |
| | Constant | Considering the electricity meters available in some countries, use of electricity meters with 3,200 pulse/kWh (pulse constant) or less pulses are possible. | |
| Line length restriction | | 150 m or less | Between electricity meter and outdoor unit |
| Wiring specification | | Control and instrumentation cable: CVV-S (Control-use Vinyl insulated Vinyl sheathed cable – Shielding) *2<br>2-conductor: 1.25 $mm^2$ | |
| Line length restriction | | 25 m or less | Between electricity meter and touch panel controller |
| Wiring specifications | | 2 core, twisted pair, 0.33 $mm^2$ (22 AWG) *3 | |

*1 Pulse signal: normally OFF (open), ON (closed) when shorted

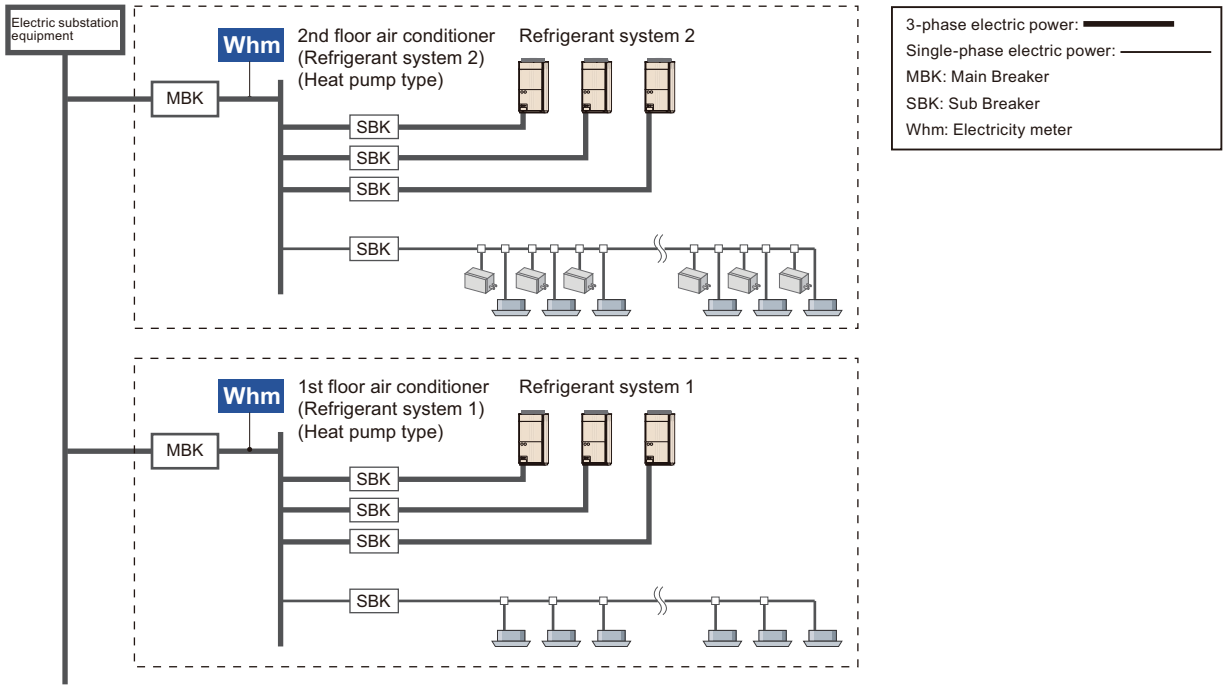
*2 When affected by interference by induction, select shielded CVV cable (CVV-S cable). This is because copper shielding tape is wrapped around CVV cable and induction interference from adjacent power cables is alleviated and normal communication is maintained. In addition, when the wiring is outdoors, select climate resistance cable.

*3 Use cable in accordance with local regulations and rules for cable.

- **Number of installing electricity meters**

| Item | Specifications | Remarks |
|---|---|---|
| Number of installing electricity meters | Max. 200 | Per site (include Max. 4 VRF systems) |

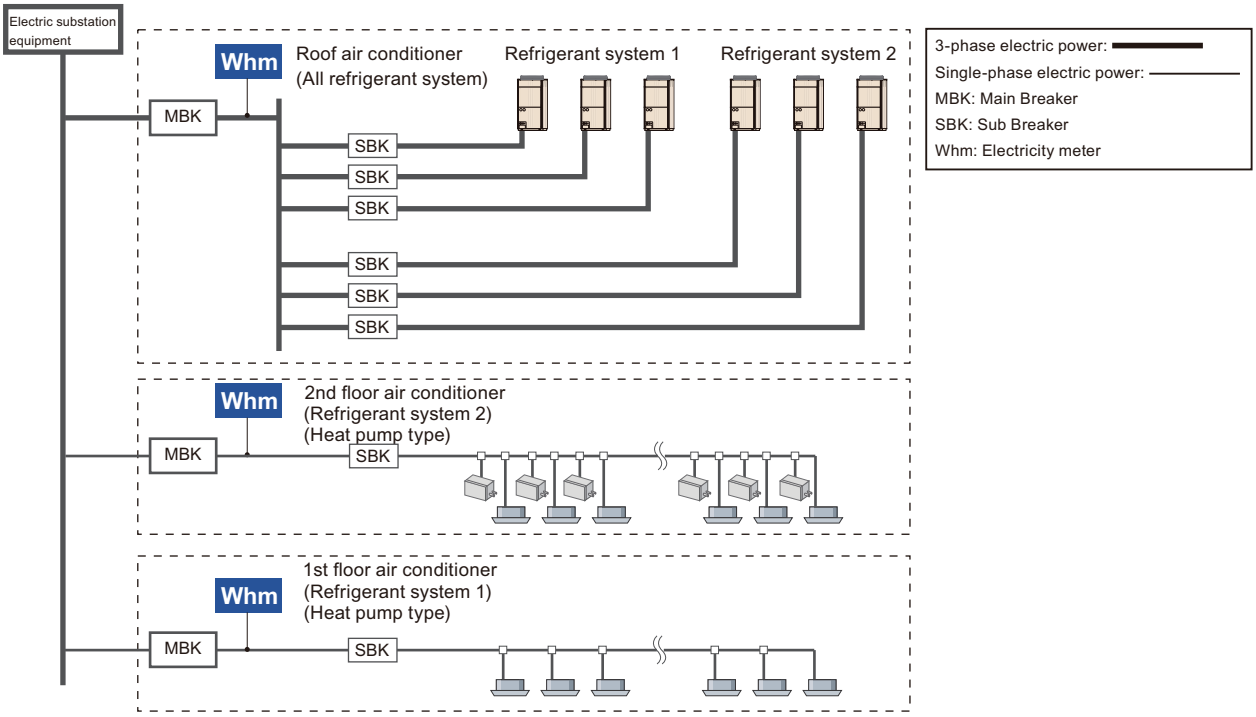
- **Installation examples of electricity meter**
  - Installation example for each refrigerant system:



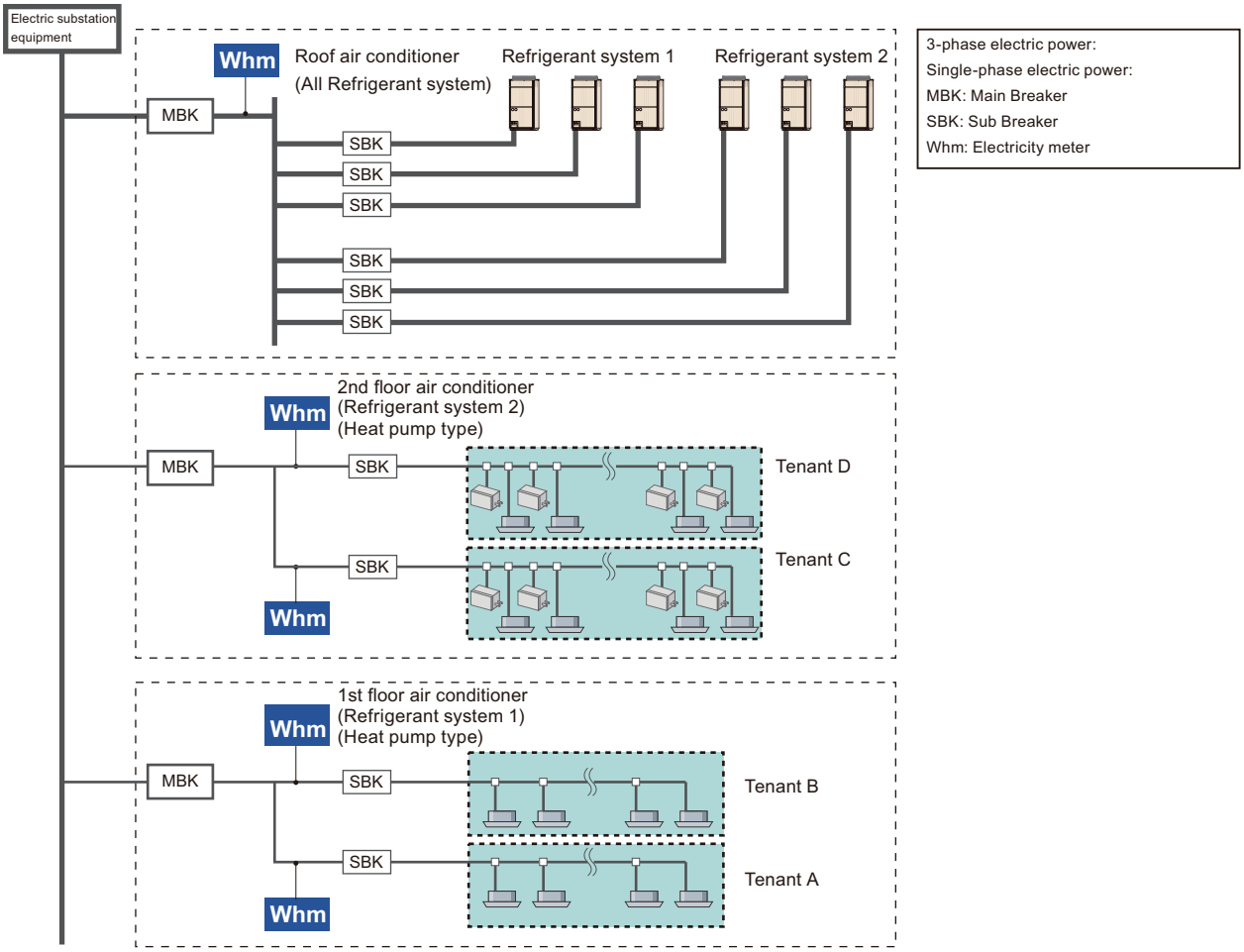


FUNCTION SETTINGS

– Installation example for indoor units and outdoor units:




– Installation example for each tenant:

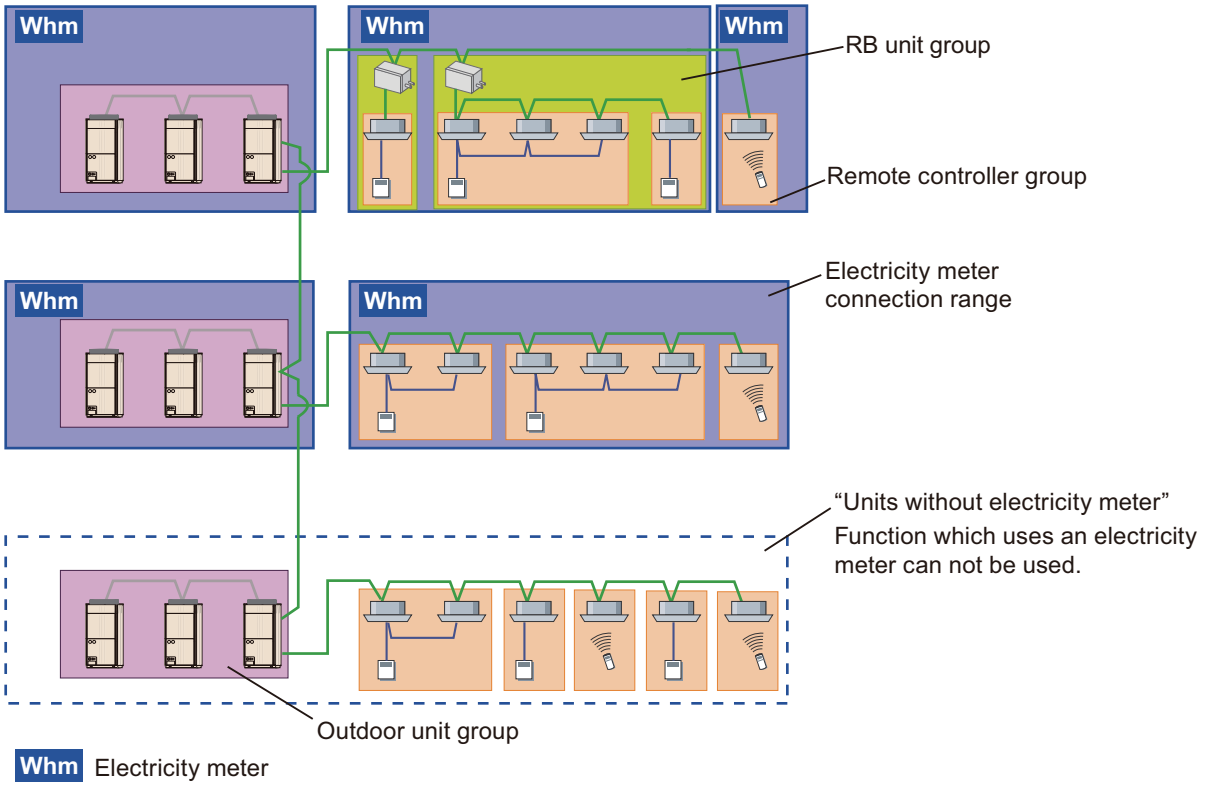





FUNCTION SETTINGS

# ■ Installation restriction and requirement of electricity meter

- **Functions that requires installation of electricity meter**
  To use the following functions, use an electricity meter:
  - Electricity charge apportionment
    Install for operation using an electricity meter. (Operation without an electricity meter is also possible.)
    When using an electricity meter, an electricity meter must be installed for all the units which perform apportionment calculation.
  - Peak cut control (Only for System Controller)
    Installation of an electricity meter is essential.
  - Power consumption graph display (Only for System Controller)
    Installation of an electricity meter is essential.

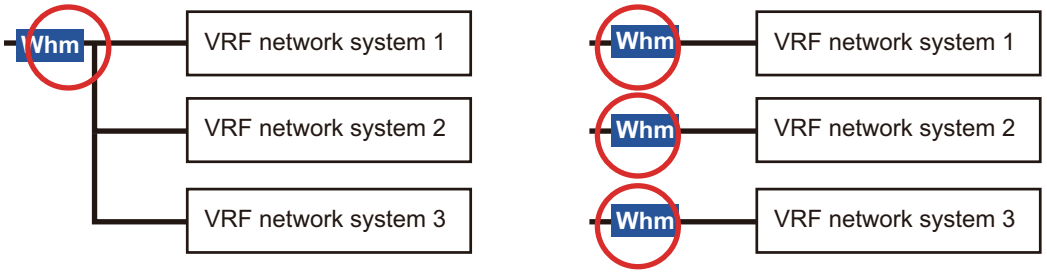




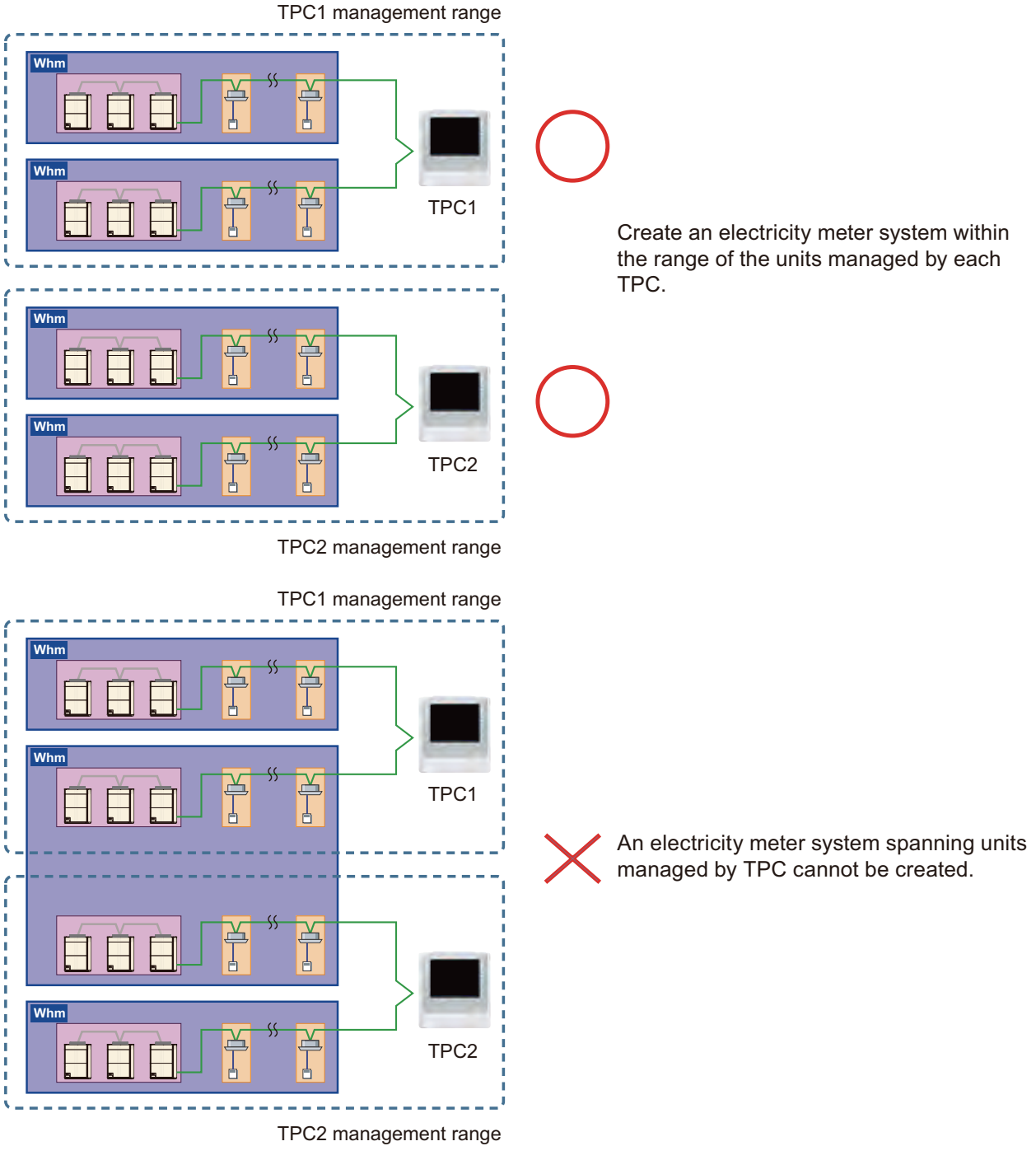

FUNCTION SETTINGS

- **Installation abstract**
  Electricity meter connection methods mentioned here can be adapted for the System Controller and Touch Panel Controller (TPC). However, the setting restrictions mentioned here must be observed.
  – Multiple VRF networks can be connected to 1 electricity meter. (with network crossover)

**NOTE:** Combination of UTY-ALGXZ1 and UTY-PLGXE2 does not multiple VRF networks.

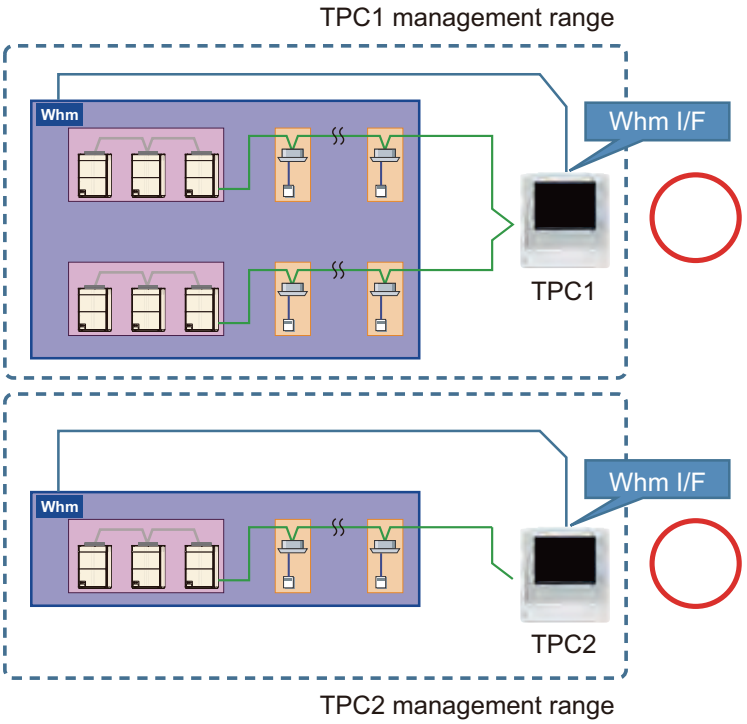



– With the electricity charge apportionment function, an electricity meter system cannot span TPC.

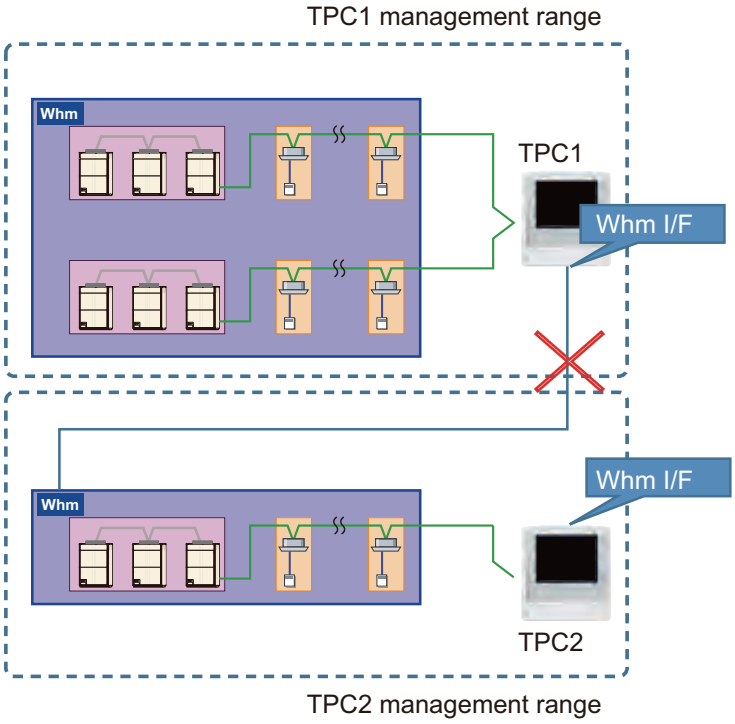




FUNCTION SETTINGS



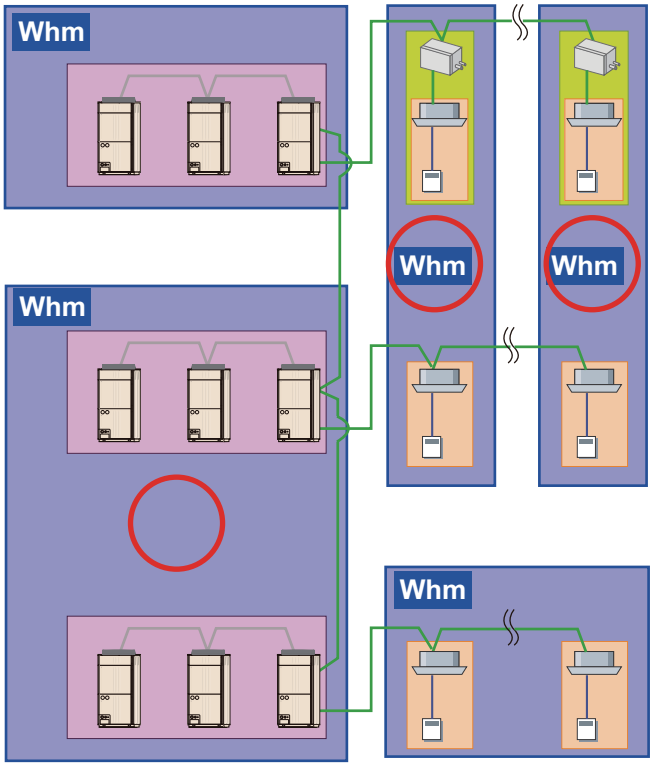

Connect the electricity meter that measures the units managed by the appropriate TPC to the electricity meter I/F belonging to the TPC main unit.



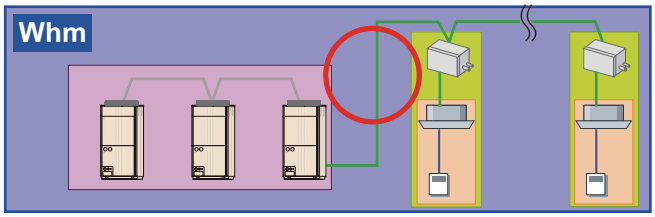



FUNCTION SETTINGS

– Installation crossing over refrigerant system is possible.




– Outdoor unit/indoor unit/RB unit mixed in 1 electricity meter is possible.



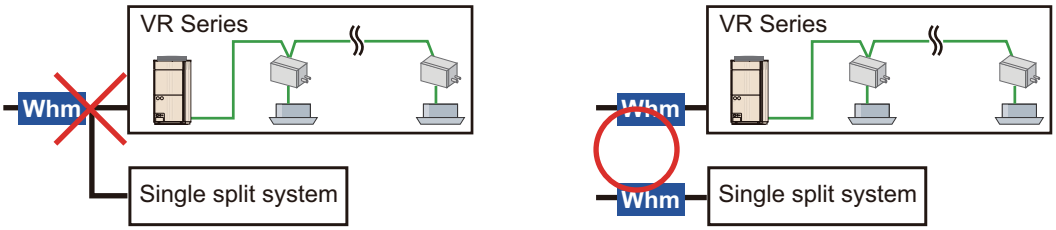

– There are no restrictions on outdoor units which connect an electricity meter.
An arbitrary electricity meter can be connected to an arbitrary outdoor unit.


FUNCTION SETTINGS

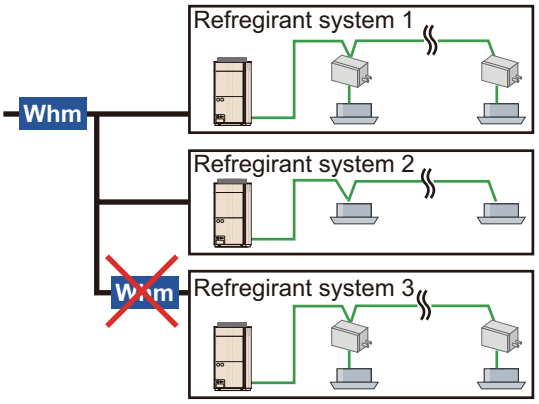
- **Installation restriction**
  Install electricity meters in accordance with the following restrictions:
  - Install an electricity meter only to air conditioners which are the target of the function. When electric lights and other OA equipment are connected to the electricity meter, also their power consumptions are calculated.
    Connect electricity meters to only the necessary air conditioners.
  - An electricity meter cannot be connected to S series and V series units because they are not electricity meter supported.
  - Electricity meter supported/unsupported units cannot be mixed under 1 electricity meter. (Because the available functions are different.)
    When connecting single type air conditioners via Network Converter (UTY-VTGX/UTY-VTGXV), separately connect the electricity meter to VRF air conditioners because there are some functions that are electricity meter unsupported such as Electricity charge apportionment function*1 or Energy saving function*2.

    *1: The electricity charge apportionment function cannot be used with single types air conditioners which are connected to a network converter.

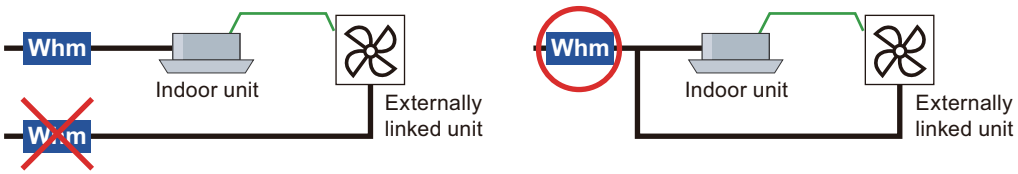
    *2: In the peak cut control, though the power will be included in the target power, the actual control will not be performed.




  - Electricity power meters cannot be nested
    Installation of the meters themselves is possible, but use only 1 electricity meter for the System Controller. (If both are used, the power consumption will be measured twice.)



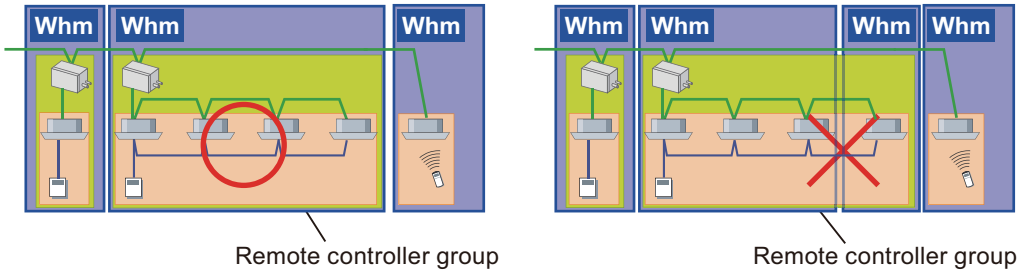

  - The externally linked units* shall be connected to the same electricity meter as the air conditioner to which they are connected.
    *: General-purpose unit which performs calculation as an externally linked unit by electricity charge apportionment function.





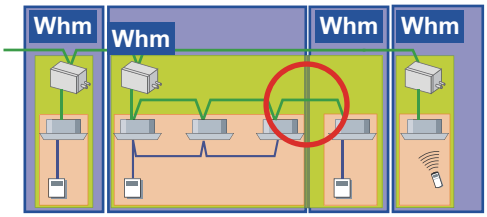
FUNCTION SETTINGS

– Installation of electricity meter which divides remote control groups is prohibited.




– Installation of electricity meter which divides outdoor unit groups is prohibited.

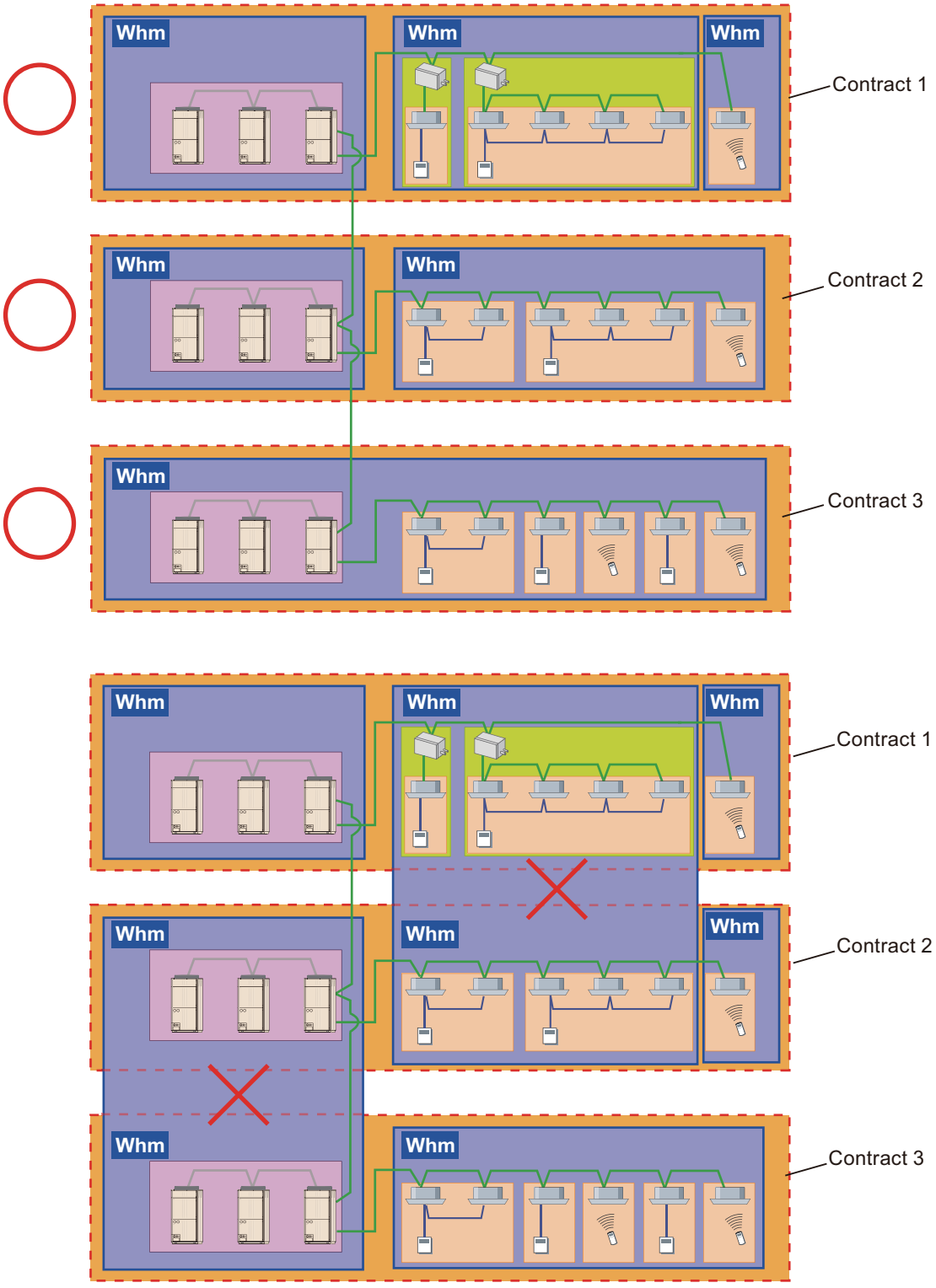
– Installation of electricity meter which divides RB unit groups is OK.






FUNCTION SETTINGS

– Installation of electricity meter which crosses the contract is prohibited.
When an electricity meter is used by electricity charge apportionment function, install the electricity meter so that it does not cross over the “contract setting” set by electricity charge apportionment.

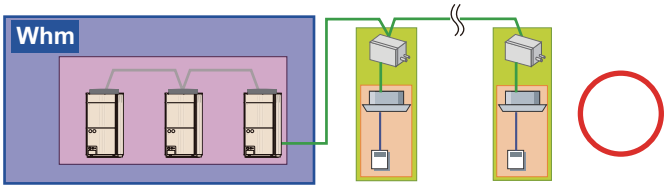


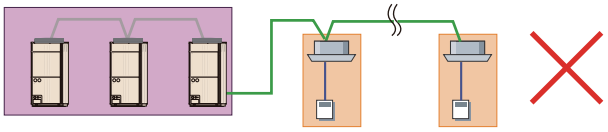



FUNCTION SETTINGS

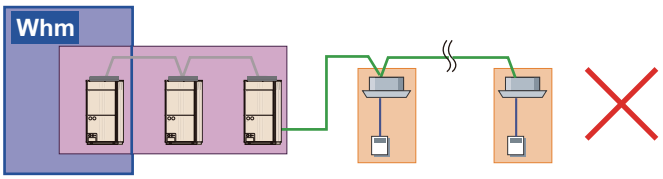
– When performing apportionment calculation using electricity meter
The electricity meter shall be connected to the necessary air conditioners which are the target of calculation by the electricity charge apportionment function.
When an electricity meter is not connected, electricity charge apportionment calculation using an electricity meter may not be possible.

- [Electricity charge apportionment with outdoor unit only]
  --> Connect the electricity meter to the outdoor unit.



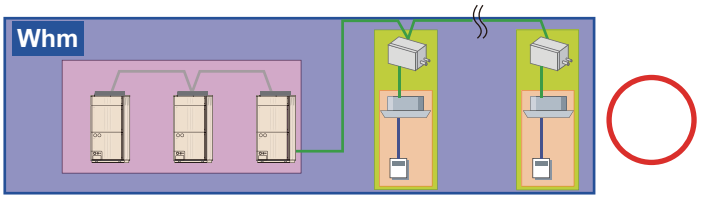



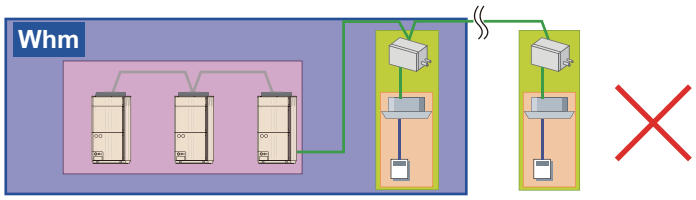
Electricity meter is not connected to outdoor unit



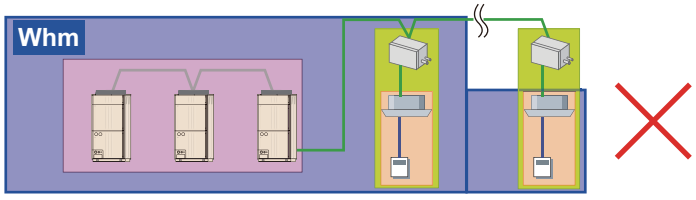

Electricity meter is not connected to only some outdoor units

- [Outdoor unit + indoor unit + RB unit electricity charge apportionment]
  --> Connection of an electricity meter to the outdoor unit, indoor unit and RB unit and indoor unit is necessary.




Electricity meter is not connected to some indoor units and RB units.




Electricity meter is connected to some RB units.



FUNCTION SETTINGS

– Electricity apportionment for DX Kit

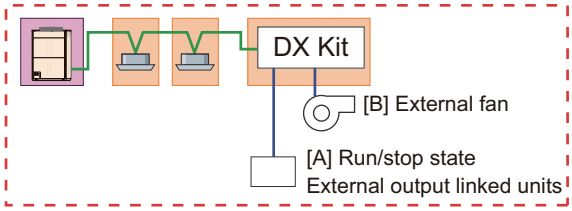
**[When electricity meter not connected]**

The following units can be linked to the DX Kit, by using external output terminals.

[A]: External fan

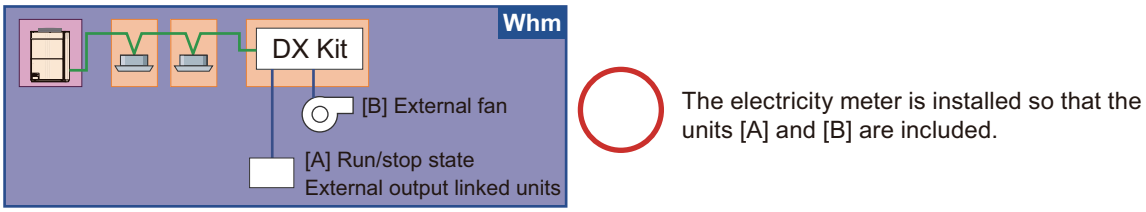
[B]: Units linked to run/stop state external output

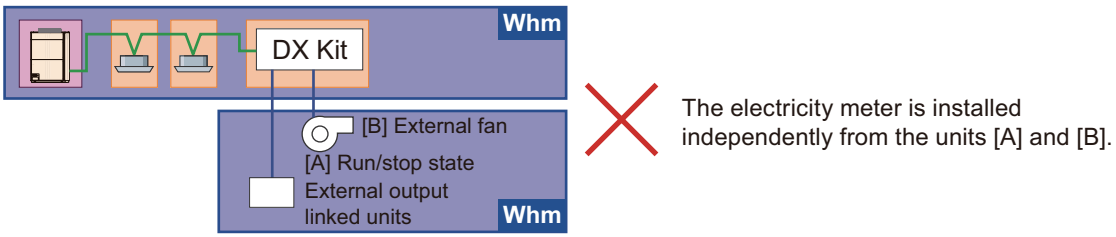
At electricity apportionment, the DX Kit itself and units [A] and [B] mentioned above can be handled. Set the electricity value at ON beforehand for the units [A] and [B] from the “Parameter Setting” screen. The input value is included in the calculation as a constant value when the external output terminal is ON.



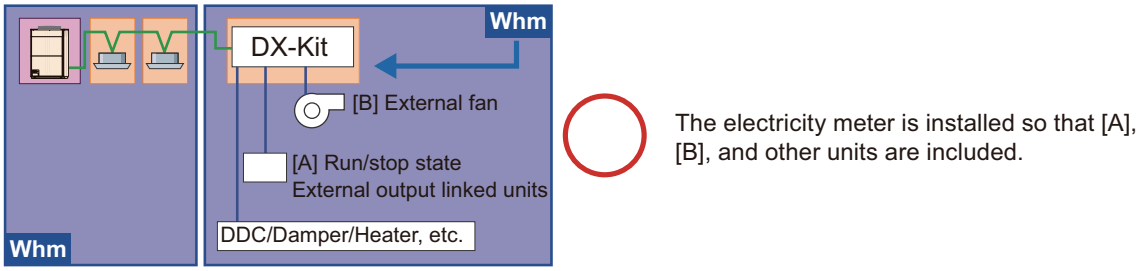

**[When electricity meter is connected]**

At electricity apportionment, the DX Kit itself and units [A] and [B] mentioned above can be handled the same as when an electricity meter is not connected. Set the electricity value at ON beforehand for the units [A] and [B] from the “Parameter Setting” screen and install the electricity meter so that the units [A] and [B] are included. The input value in the calculation as a constant value when the external output value is ON is included.



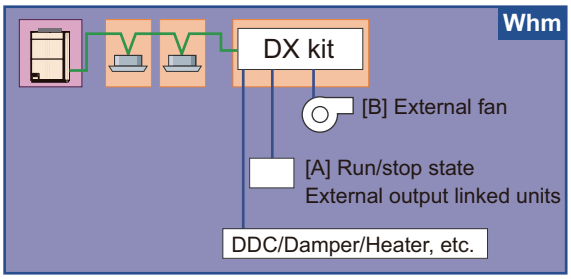

If there is a unit related to the DX Kit other than [A] and [B], if the DX Kit is connected as an independent electricity meter system and installed so that other units are included, it may be included in electricity charge apportionment. (All the value of that electricity meter is charged to the DX Kit.






FUNCTION SETTINGS

Units other than [A] and [B] must not be connected to an electricity meter together with other indoor units. If connected, the electricity amount of DDC, damper and heater is also charged to the other indoor units.




The electricity meter is installed so that the units other than [A], [B] and indoor units are included.

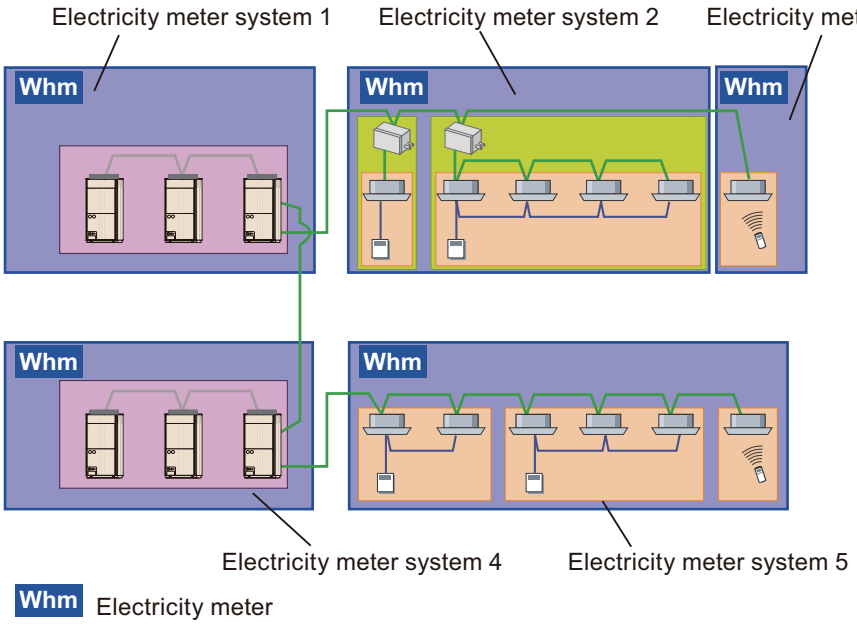
## ■ Electricity meter system

Electricity meter system is the connection configuration of 1 electricity meter and the air conditioner units which are connected to the power line under it. This is set on the System Controller.

Set the System Controller to match the actual electricity meter installation configuration.

Since the electricity charge apportionment function and energy saving function perform the control using the power consumption data from an electricity meter, it is necessary to set an electricity meter system on the System Controller.

When installing electricity meters as shown below, 5 electricity meters systems are set as follows.






FUNCTION SETTINGS

# ■ Setting of outdoor unit and System Controller

To obtain the appropriate power consumption by System Controller, the power value measured by an electricity meter must be properly conveyed. To do this, appropriate setting at the electricity meter, outdoor unit, and System Controller is necessary.

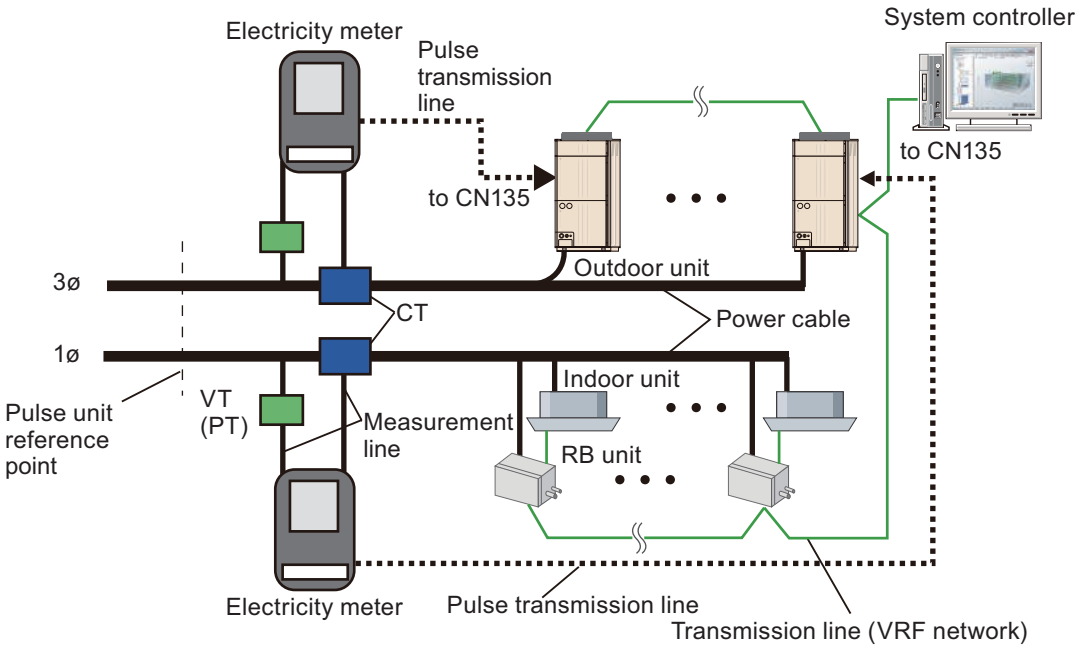
The method of setting the pulse from the electricity meter received by an outdoor unit and the method of setting the pulse value set by System Controller are described here. When electricity meter setting is necessary, perform it in accordance with the instruction manual supplied with the electricity meter.

Below, the setting method of electricity meters specified in pulse units and that specified in pulse constant are described.



FUNCTION SETTINGS

- When electricity meter used is specified in pulse units
  The connection configuration is shown below.




For the electricity meter specified in pulse units, the output pulses are normalized in advance (normally 1 kWh/pulse) and is output. In this case, the settings are as follows:

| Setpoint | Set item | Set value | Description | Remarks |
|---|---|---|---|---|
| Electricity meter | Set in accordance with the product manual. | — | When there is a product unique setting, setting is performed in accordance with the product manual. (Pulse units value, VT/CT ratio, output coefficient, etc.) | |
| Outdoor unit | Meter no. setting | Arbitrary | Set an unique electricity meter no. for electricity meter identification. | The information will become necessary when setting System Controller later. Refer also to "Setting on outdoor unit PCB" on page 07-93. |
| | Electricity meter pulse setting | 1 | Fixed to “1”.<br>When 1 pulse comes from the electricity meter, the outdoor unit communicates “1” to the System Controller. | |
| System Controller | Electricity meter system setting | Units measured by electricity meter | Set the outdoor unit and indoor unit, measured by the electricity meter of the meter no. set at the outdoor unit. | The value set by each outdoor unit is used. |
| | Pulse setting | Electricity meter pulse units value (Usually either of 1, 10, or 100 [kWh/ pulse]) | Set the pulse units specified by the electricity meter as they are.<br>Set the number of kWh that corresponds to the “1” communicated from the outdoor unit. | Refer to the value set by each outdoor unit. |

**[Setting example]**

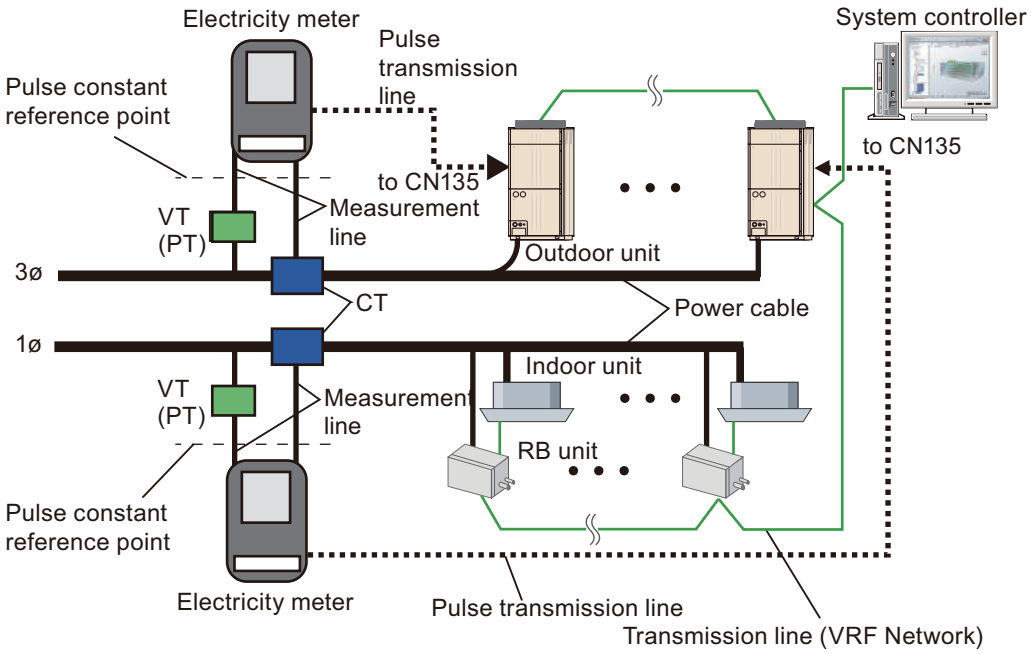
Equipment conditions:

VT ratio=1 (not used), CT ratio=50 (250/5 A), electricity meter=1 kWh/pulse

Set value:

Electricity meter pulse setting=1 (fixed), pulse setting=1 (corresponds to electricity meter used)

- When electricity meter used is specified by pulse constant
  The connection configuration is shown below.




For the electricity meter specified by pulse constant, the power consumption indicated by output pulse must be corrected by VT/CT ratio. In this case, the settings are as follows:

| Setpoint | Set item | Set value | Description | Remarks |
|---|---|---|---|---|
| Electricity meter | Set in accordance with the product manual. | — | When there is a product unique setting, setting is performed in accordance with the product manual. (Pulse constant value, output coefficient, etc.) | |
| Outdoor unit | Meter no. setting | Arbitrary | Set an unique electricity meter no. for electricity meter identification. | The information will become necessary when setting System Controller later. Refer also to "Setting on outdoor unit PCB" on page 07-93. |
| | Electricity meter pulse setting | The pulse constant value / (VT ratio × CT ratio). However, truncated after the decimal point | Set the approximate number of power meter pulses that are equivalent to 1 kWh.<br>When set number of pulses come from the electricity meter, the outdoor unit communicates “1” to the system controller. | |
| System Controller | Electricity meter system setting | Units measured by electricity meter | Set the outdoor unit and indoor unit, measured by the electricity meter of the meter no. set at the outdoor unit. | The value set by each outdoor unit is used. |
| | Pulse setting | (Electricity meter pulse setting value) × (VT ratio × CT ratio) / pulse constant<br>Values after the decimal point must be also input.* | Set the standard number of kWh for the value communicated from the outdoor unit.<br>Set the number of kWh that corresponds to the “1” communicated from the outdoor unit. | Refer to the value set by each outdoor unit. |

*: Input up to 6 decimal digits

**[Setting example]**

Equipment conditions:

VT ratio=1 (not used), CT ratio=500(2500/5 A), electricity meter=3,200 pulse/kWh

Set value:


FUNCTION SETTINGS

Electricity meter pulse setting=6 (3200/ [1 × 500]), Pulse setting=0.9375 (6 × [1 × 500]/3200) For details, refer to the calculating formula of the table above.



FUNCTION SETTINGS

FUNCTION SETTINGS

Refrigerant R410A
INVERTER

AIRSTAGE

# 8. EXTERNAL INPUT AND OUTPUT

2025.04.04
DV_CH08_CM0001EF_06

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# 8. EXTERNAL INPUT AND OUTPUT


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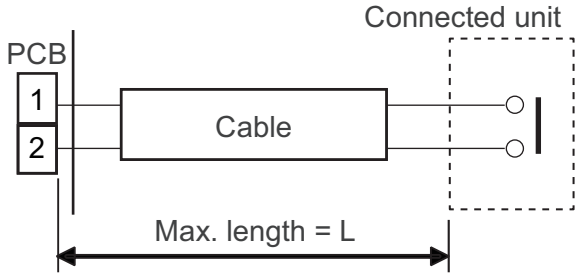
# 1. Design precautions

**Cable length regulations:**

Maximum length for each cable in-between the units are as follows:




| Type | L (m) | |
|---|---|---|
| | Input | Output |
| Outdoor unit | 150 | 150 |
| Indoor unit | 150 | 25 |
| RB Unit | 150 | — |
| Touch Panel Controller | 25 | 25 |
| Central Remote Controller | 25 | 25 |



EXTERNAL INPUT AND OUTPUT

# 2. Outdoor unit

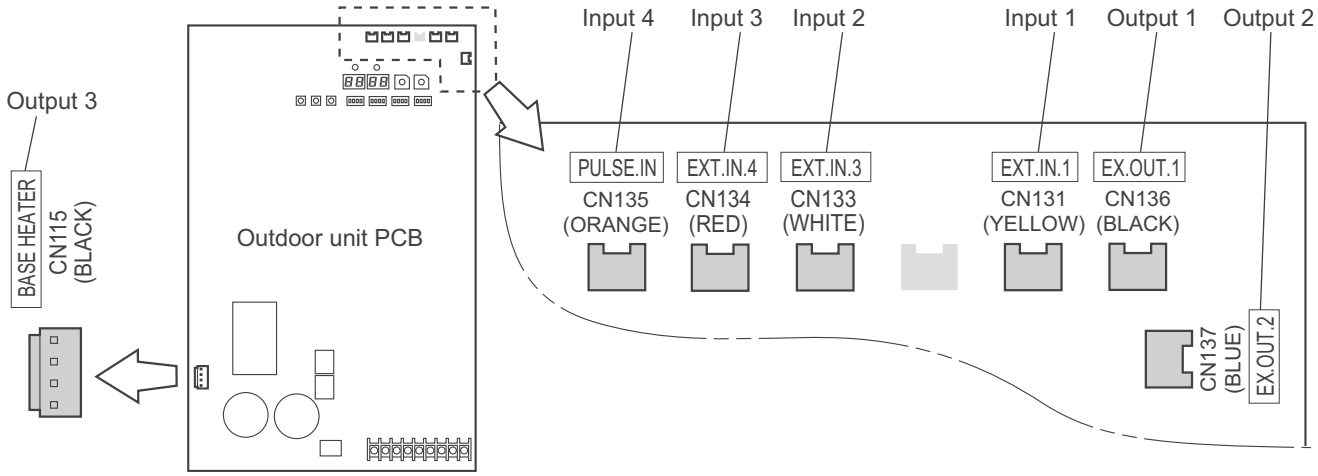
External input and output functions and related components are as follows:

| | | Function | Connector | External Connect Kit (Optional parts) |
|---|---|---|---|---|
| External input | 1 | Low noise mode | CN131 | UTY-XWZXZ6 |
| | 2 | Outdoor unit operation peak control | CN133 | |
| | 3 | Emergency/Group stop | CN134 | |
| | 4 | Electricity meter pulse | CN135 | UTY-XWZXZF |
| External output | 1 | Error status | CN136 | UTY-XWZXZ6 |
| | 2 | Operation status | CN137 | |
| | 3 | Base pan heater | CN115 | UTY-XWZXZ9 |

**RELATED LINKS**

"Component location" on page 08-2
"Wiring specifications" on page 08-3
"External input" on page 08-3
"External output" on page 08-5
"Optional parts" on page 08-6
"Function summary of outdoor unit external input/output" on page 08-7

# 2-1. Component location



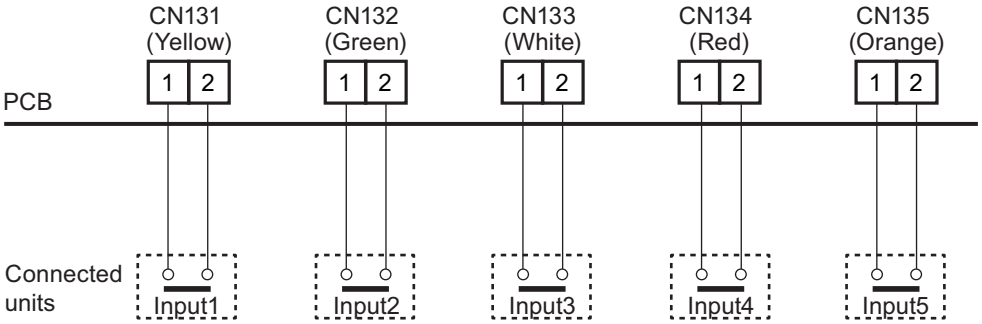



EXTERNAL INPUT AND OUTPUT

# 2-2. Wiring specifications

Use an external input and output cable with appropriate external dimension, depending on the number of cables to be installed.

| Cable type | Cable size | Max. cable length |
|---|---|---|
| Twisted pair cable | 0.33 $mm^2$ (22 AWG) | 150 m |




For each input, pin no.1 is of positive polarity and pin no.2 is of ground level.

# 2-3. External input

Setting to Low noise mode, Cooling priority/Heating priority selection, Outdoor unit operation peak control, Group/Emergency stop, and Electricity meter pulse are possible from the outside.

| Connector | Input signal | Status | Outdoor unit | |
|---|---|---|---|---|
| | | | Primary | Subordinate *1 |
| CN131 (Yellow) | Off | Normal operation | ○ | × |
| | On | Low noise mode operation | | |
| CN132 (Green) *2 | Off | Cooling priority | ○ | × |
| | On | Heating priority | | |
| CN133 (White) | Off | Normal operation | ○ | × |
| | On | Outdoor unit operation peak control | | |
| CN134 (Red) | Off | Normal operation | ○ | × |
| | On | Group Stop or Emergency stop operation *3,*4 | | |
| CN135 (Orange) *5 | No pulse | No information from electricity meter | ○ | ○ |
| | Pulse | Power usage information from electricity meter | | |

*1: Subordinate unit can connect only Input 5 (CN135).

*2: The external input priority mode must be set by pressing push button on outdoor unit PCB.

*3: Group Stop or Emergency stop pattern can be selected by pressing push button on outdoor unit PCB.

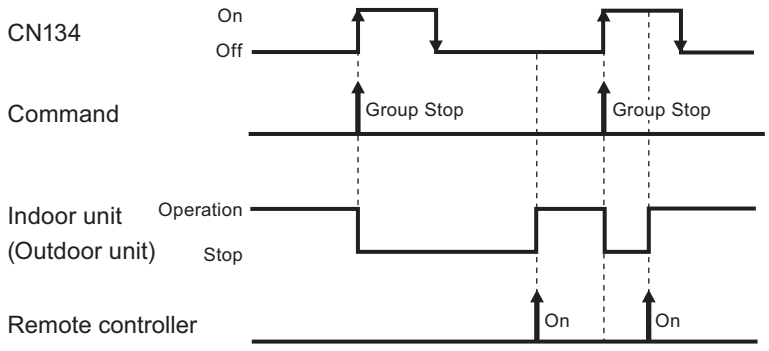
*4: The emergency stop function mounted in the equipment does not guarantee the regulations of each country. For this reason, sufficient checking is necessary regarding use. Especially, since the fact that the equipment may not be emergency-stopped in the case of breaking of the wiring to the external input terminals and communication line, communication error due to noise, VRF external input circuit trouble, etc. must be considered, the provision of double measures that add direct interruption of the power supply by switch, etc. is recommended as a precaution.

*5: The width of Pulse input signal to CN135 must be 50 ms or more, and the interval of the signal must be 50 ms or more.


EXTERNAL INPUT AND OUTPUT

- **When function setting is Group Stop mode:**

| Connector | Input signal | Command |
|---|---|---|
| CN134 | Off → On | Group Stop |
| | On → Off | — |

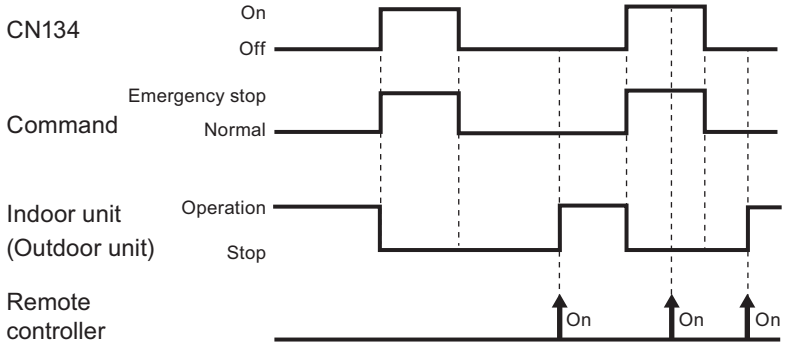



**NOTES:**

- All indoor units of same refrigerant system stops when Group Stop operates.
- After Group Stop operates, the operation by remote controller is possible.

- **When function setting is Emergency stop mode**

| Connector | Input signal | Command |
|---|---|---|
| CN134 | On | Emergency stop |
| | Off | Normal |




**NOTES:**

- All indoor units of same refrigerant system stops when Emergency stop operates.
- When the Emergency stop is triggered, indoor unit stops and Start/Stop operation by a remote controller is restricted.



EXTERNAL INPUT AND OUTPUT

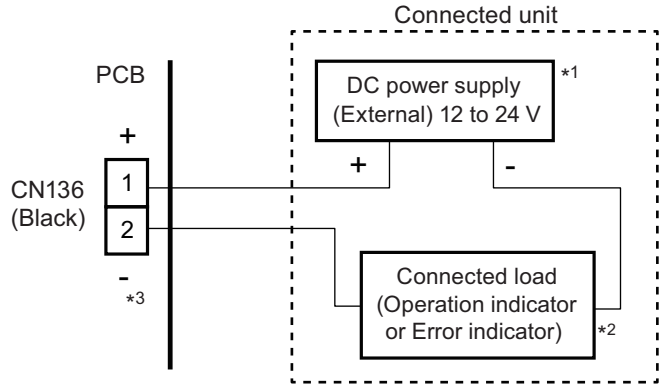
# 2-4. External output

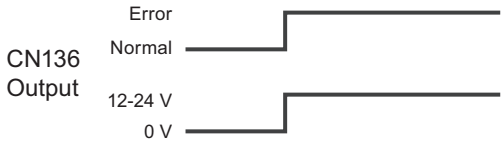
| Connector | Output signal | Status |
|---|---|---|
| CN136 (Black) | 0 V | Normal |
| | DC 12 to 24 V | Error |
| CN137 (Blue) | 0 V | Stop |
| | DC 12 to 24 V | Operation |

## ■ Error status (for Primary unit only)

This output indicates Normal or Error status of the outdoor unit and connected indoor units.

As for the required wiring specifications, refer to "Wiring specifications" on page 08-3.




*1: Provide a DC 12 to 24 V power supply. Select a power supply capacity with an ample surplus for the connected load. Do not impress a voltage exceeding 24 V across pins 1 to 2.

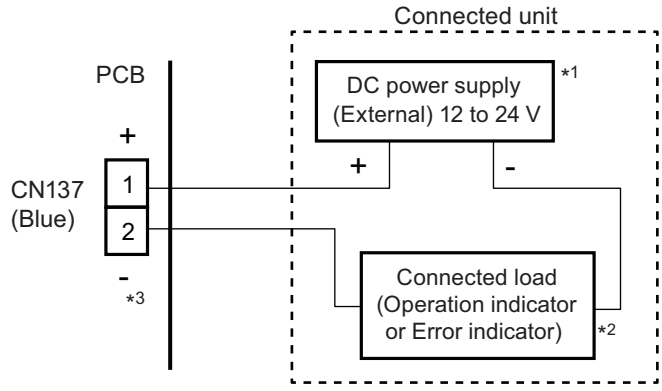
*2: The allowable current is 30 mA or less. Provide a load resistance such that the current becomes 30 mA or less.

*3: Polarity is “+” for pin no. 1 and “-” for pin no. 2. Connect correctly.

## ■ Operation status (for Primary unit only)

This output indicates Operation status of the outdoor unit.

As for the required wiring specifications, refer to "Wiring specifications" on page 08-3.



*1: Provide a DC 12 to 24 V power supply. Select a power supply capacity with an ample surplus for the connected load. Do not impress a voltage exceeding 24 V across pins 1 to 2.

*2: The allowable current is 30 mA or less. Provide a load resistance such that the current becomes 30 mA or less.

*3: Polarity is “+” for pin no. 1 and “-” for pin no. 2. Connect correctly.

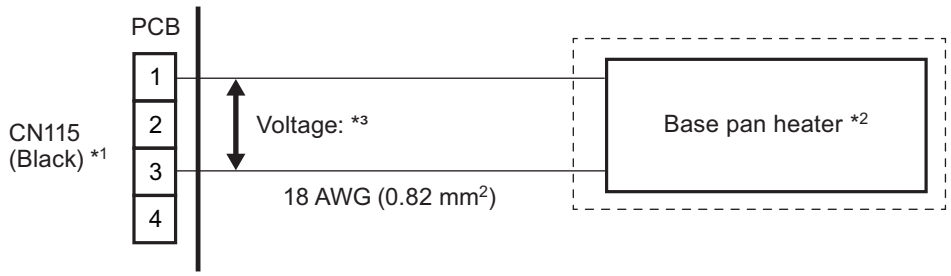


EXTERNAL INPUT AND OUTPUT

## ■ Base pan heater

This is the output signal for base pan heater.

- The output signal is on under all of the following conditions.
  - The outdoor temperature goes down below 2°C
  - The outdoor unit is operating
- The output signal is off under any of the following conditions.
  - The outdoor temperature is over 4°C
  - The outdoor unit is stopped

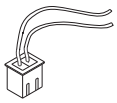
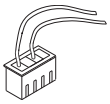
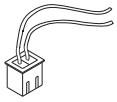



*1: Connect to pin no.1 and pin no.3. No connection to pin no.2 and pin no.4.

*2: The allowable current is 1 A or less.

*3: Refer to the value of terminal output voltage written in "Outdoor unit external output function" on page 08-7.

# 2-5. Optional parts

| External Connect Kit | | | |
|---|---|---|---|
| **Model name** | **Exterior** | **Qty** | **Usage** |
| UTY-XWZXZ6 |  | 1 | For external input.<br>(Low noise mode, Cooling/Heating priority, Outdoor unit operation peak control, Emergency/ Group Stop) |
| | | | For external output.<br>(Error status, Operation status) |
| UTY-XWZXZ9 |  | 1 | For external output.<br>(Base pan heater) |
| UTY-XWZXZF |  | 1 | For external input.<br>(Electricity meter pulse) |



EXTERNAL INPUT AND OUTPUT

# 2-6. Function summary of outdoor unit external input/output

## ■ Outdoor unit external input function

| Dry contact/ Apply voltage | | Dry contact DC 12 V | | | | — |
|---|---|---|---|---|---|---|
| Function | Emergency stop | — | — | — | ● (20-01) | — |
| | Low noise mode operation | ● *1 | — | — | — | — |
| | Cooling/Heating priority | — | ● | — | — | — |
| | Outdoor unit operation peak control | — | — | ● *2 | — | — |
| | Group Stop | — | — | — | ● (20-00) | — |
| | Power usage information from electricity meter | — | — | — | — | ● |
| Specifications | Terminal | CN131 (Pin1-2) | CN132 (Pin1-2) | CN133 (Pin1-2) | CN134 (Pin1-2) | CN135 (Pin1-2) |
| | Signal type | Edge | | | | Pulse |

*1: When using this function, select appropriate level from the following options:
- 42-00 Low noise level 1 (lower than rated value)
- 42-01 Low noise level 2 (lower than level 1)

*2: When using this function, select appropriate level from the following options:
- 30-00 Energy saving level 1 (Stop)
- 30-01 Energy saving level 2 (Operated at 40% capacity)
- 30-02 Energy saving level 3 (Operated at 60% capacity)
- 30-03 Energy saving level 4 (Operated at 80% capacity)
- 30-04 Energy saving level 5 (Operated at 100% capacity)

**NOTES:**
- For selecting relay, minimum permissible load must be less than 1 mA.
- When using Apply voltage, take “+” polarity for Pin 1.
- Number inside bracket such as “(20-00)” in the table above indicates function number and setting number.
- ●: Equipping the function.

## ■ Outdoor unit external output function

| Dry contact/ Apply voltage | | | Apply voltage | | Dry contact |
|---|---|---|---|---|---|
| Function | Operation status | | — | ● | — |
| | Error status | | ● | — | — |
| | Base pan heater | | — | — | ● |
| Specifications | Terminal | | CN136 (Pin1-2) | CN137 (Pin1-2) | CN115 (Pin1-3) |
| | Terminal output voltage | | — | | AC 240 V |
| | External power supply | Allowable voltage | DC 12—24 V | | — |
| | | Allowable current | 30 mA or less | | 1 A or less |

**NOTES:**
- When using Apply voltage, take “+” polarity for Pin 1.
- ●: Equipping the function.


EXTERNAL INPUT AND OUTPUT

# 3. Indoor unit

External input and output functions and related components are as follows:

| External input | External output | Input select | Connector | External Connect Kit (Optional parts) |
|---|---|---|---|---|
| Control input | — | Apply voltage | CNA01 | UTY-XWZXZB |
| | | Dry contact | CNA02 | UTY-XWZXZD |
| Forced thermostat off | — | Apply voltage | CNA03 | UTY-XWZXZ7 |
| | | Dry contact | CNA04 | UTY-XWZXZE |
| — | Operation status | — | CNB01 | UTY-XWZXZC |
| — | Error status | | | |
| — | Indoor unit status | | | |
| — | Auxiliary heater output | | | |

**RELATED LINKS**

"External input" on page 08-9
"External output" on page 08-25
"Optional parts" on page 08-28
"Function summary of indoor unit external input and output" on page 08-29



EXTERNAL INPUT AND OUTPUT

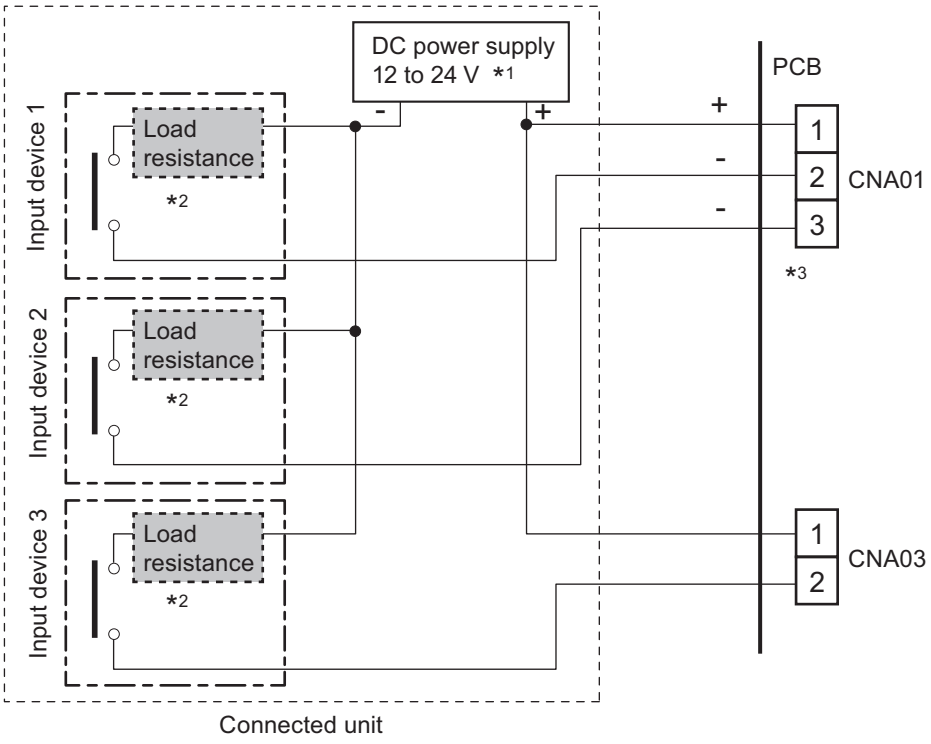
# 3-1. External input

- Operation/Stop, Emergency stop, or Forced stop of the indoor unit can be set by using CNA01 or CNA02 on the indoor unit PCB.
- Start/Stop mode, Emergency stop mode, or Forced stop mode can be selected with function setting of the indoor unit.
- Forced thermostat off of the indoor unit can be set by using CNA03 or CNA04 on the indoor unit PCB.
- A twisted pair cable 0.33 $mm^2$ (22 AWG) should be used. Maximum length of cable is 150 m.
- Use an external input and output cable with appropriate external dimension, depending on the number of cables to be installed.
- When connecting the external input wire, do not route the wire closely to the power cable.

## ■ Input select

Use either one of Apply voltage terminal or Dry contact terminal according to the application. (Both types of terminals cannot be used simultaneously.)

- **CNA01, CNA03: Apply voltage terminal**
  When a power supply must be provided at the input device you want to connect, use the Apply voltage terminal (CNA01, CNA03).



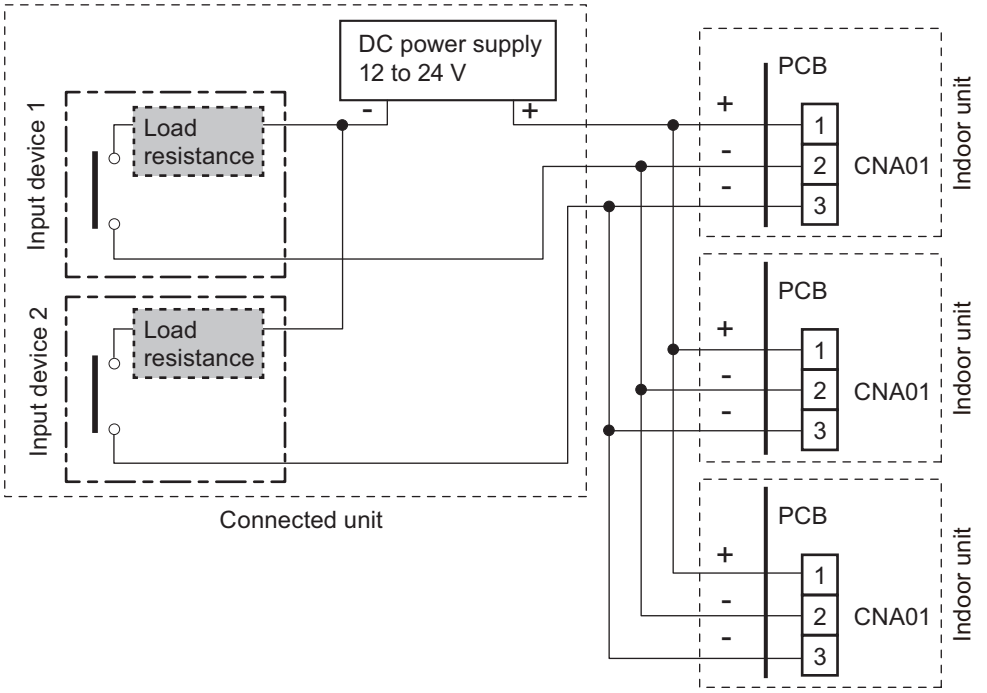

*1: Make the power supply DC12 to 24 V. Select a power supply capacity with an ample surplus for the connected load. Do not impress a voltage exceeding 24 V across pins 1-2, and 1-3.

*2: The allowable current is DC 5 mA to 10 mA. (Recommended: DC 5 mA)
Select very low current use contacts (usable at DC 12 V, DC 1 mA or less).

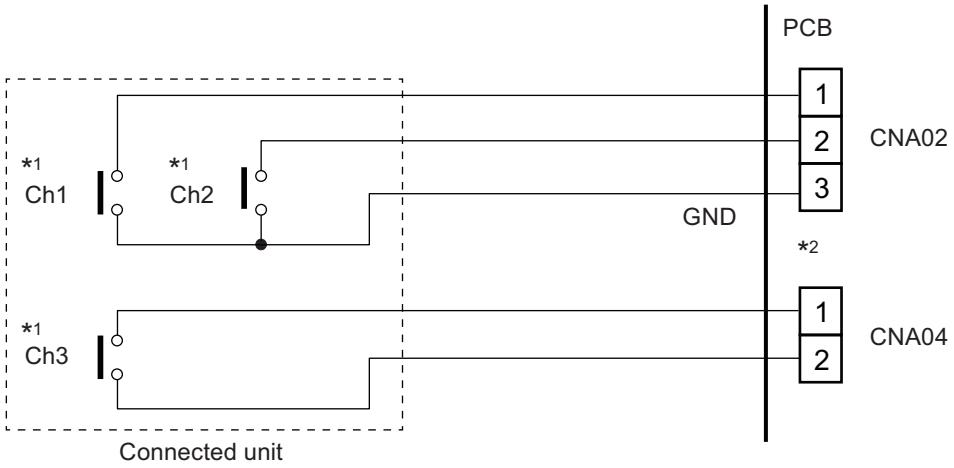
*3: The polarity is “+” for pin 1, and “-” for pin 2 and 3. Connect correctly.


EXTERNAL INPUT AND OUTPUT

When connecting to Apply voltage terminals of multiple indoor units, be sure to make a branch outside the indoor unit using a pull box, etc. as shown in example below.




- **CNA02, CNA04: Dry contact terminal**
  When a power supply is unnecessary at the input device you want to connect, use the Dry contact terminal (CNA02, CNA04).



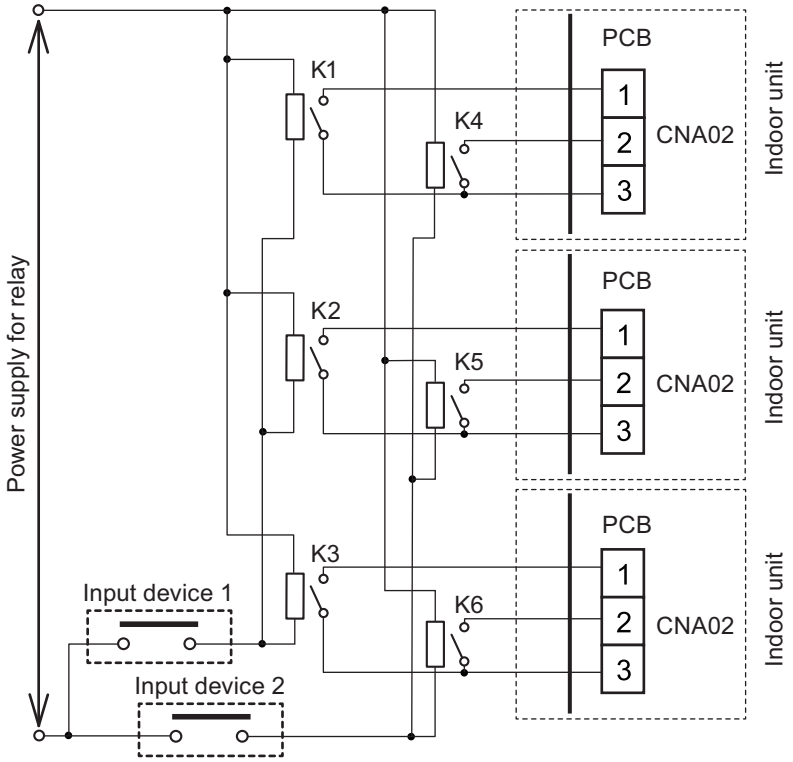

*1: Select very low current use contacts (usable at DC 12 V, DC 1 mA or less).

*2: The wiring is different from Apply voltage terminals. Be sufficiently careful when wiring.



EXTERNAL INPUT AND OUTPUT

When connecting to Dry contact terminals of multiple indoor units, insulate each indoor unit with relay, etc. as shown in example below.




K1 to K6: Relay
(Device for DC current)

**⚠ CAUTION**

Do not connect to multiple indoor units directly since it will cause breakdown.

## ■ Input signal type

The input signal type can be selected by switching the DIP switch on the indoor unit PCB.

- **DIP switch SET2-2: Edge or Pulse selection of external input**

| SET2-2 | External input select | Factory setting |
|---|---|---|
| Off | Edge | ♦ |
| On | Pulse | |

**NOTE:** Input signal type of Ch3 (Forced thermostat off) is only Edge.


EXTERNAL INPUT AND OUTPUT

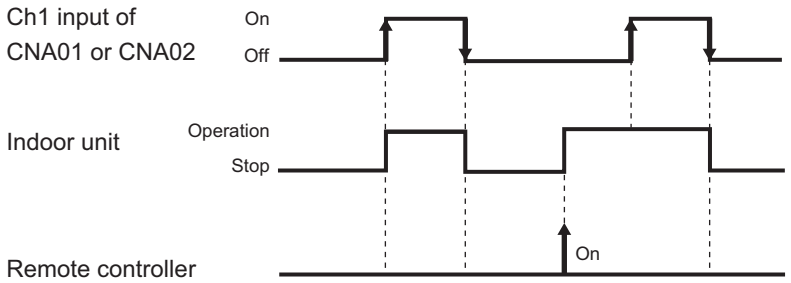
# ■ Control input function

**NOTES:**

- The latest command has priority.
- The indoor units within the same remote controller group are operated in the same mode.

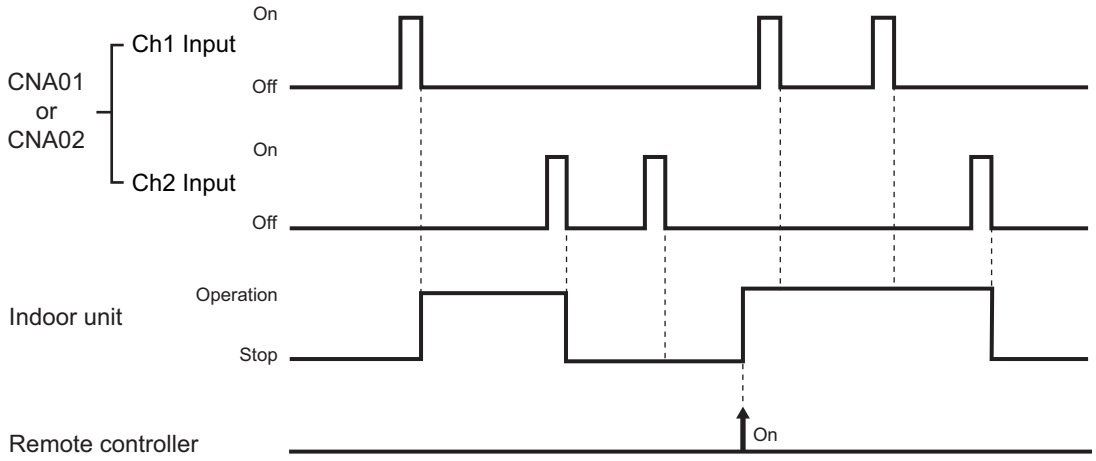
- **When function setting is Operation/Stop mode**
  - In case of Edge input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-00 | SET2-2: Off (Factory setting) | CNA01 or CNA02 (EXT. IN1) | Ch1 | Off → On | Operation |
| | | | | On → Off | Stop |




  - In case of Pulse input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-00 | SET2-2: On | CNA01 or CNA02 (EXT. IN1) | Ch1 | Off → On | Operation |
| | | | Ch2 | Off → On | Stop |

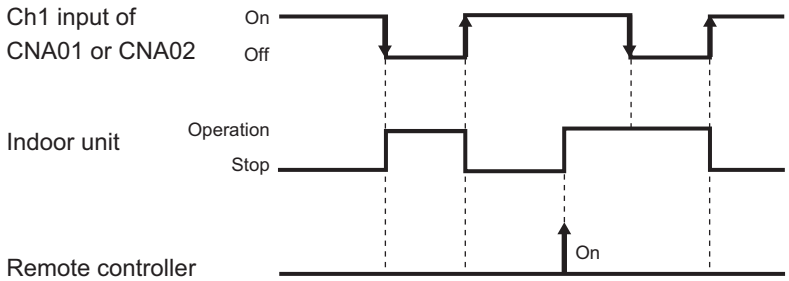





EXTERNAL INPUT AND OUTPUT

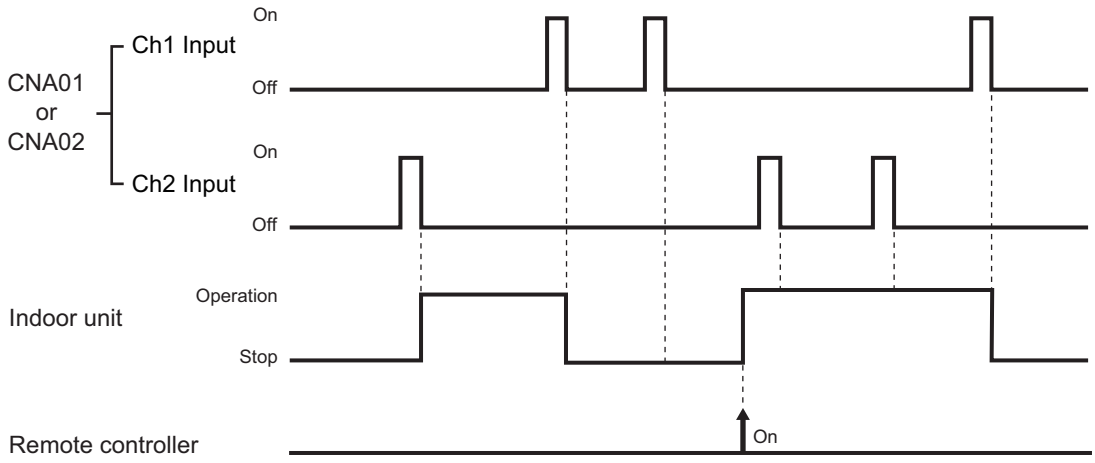
- **When function setting is Operation/Stop mode (logic inverse)**
  - In case of Edge input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-10 | SET2-2: Off (Factory setting) | CNA01 or CNA02 (EXT. IN1) | Ch1 | On → Off | Operation |
| | | | | Off → On | Stop |




  - In case of Pulse input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-10 | SET2-2: On | CNA01 or CNA02 (EXT. IN1) | Ch1 | Off → On | Stop |
| | | | Ch2 | Off → On | Operation |





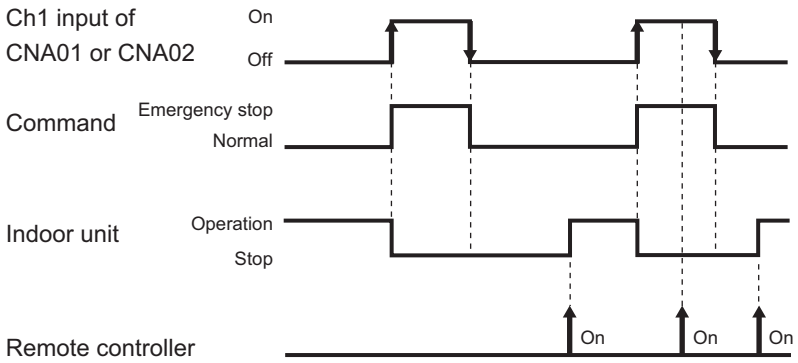

EXTERNAL INPUT AND OUTPUT

- **When function setting is Emergency stop mode**

**NOTE:** All the indoor units in the same refrigerant system stop when Emergency stop is operated.

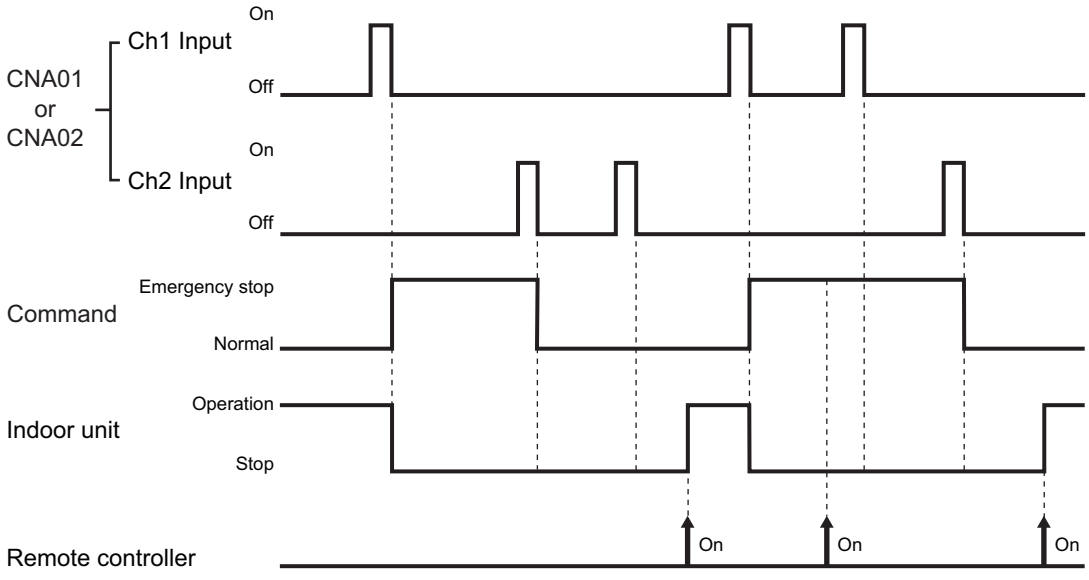
– In case of Edge input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-01 | SET2-2: Off (Factory setting) | CNA01 or CNA02 (EXT. IN1) | Ch1 | Off → On | Emergency stop |
| | | | | On → Off | Normal |




– In case of Pulse input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-01 | SET2-2: On | CNA01 or CNA02 (EXT. IN1) | Ch1 | Off → On | Emergency stop |
| | | | Ch2 | Off → On | Normal |





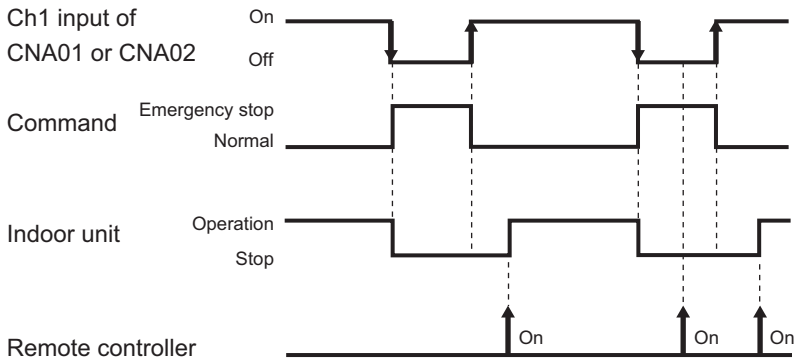

EXTERNAL INPUT AND OUTPUT

- **When function setting is Emergency stop mode (logic inverse)**

**NOTE:** All the indoor units in the same refrigerant system stop when Emergency stop is operated.

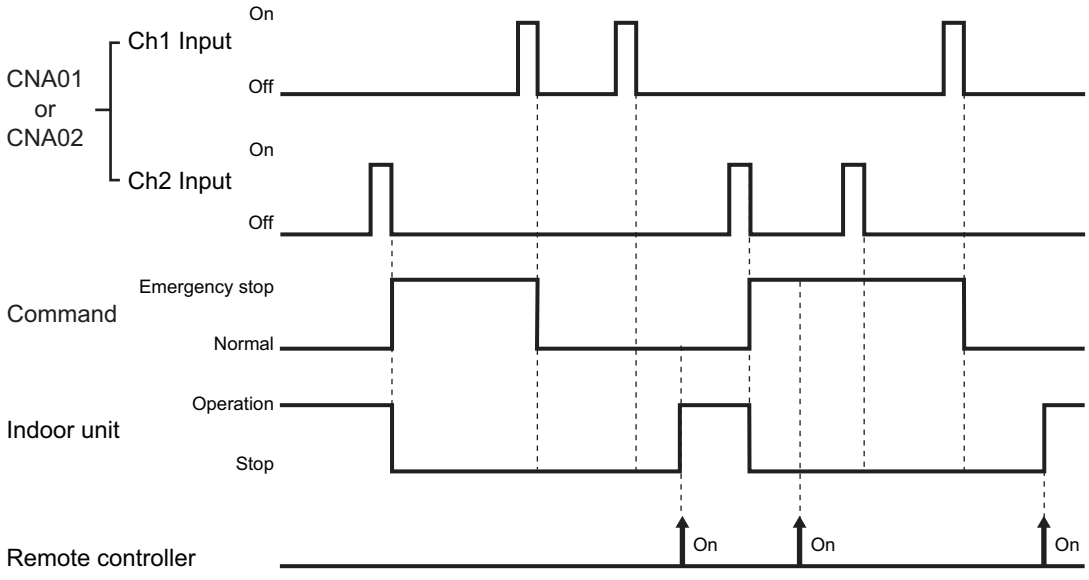
– In case of Edge input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-11 | SET2-2: Off (Factory setting) | CNA01 or CNA02 (EXT. IN1) | Ch1 | On → Off | Emergency stop |
| | | | | Off → On | Normal |




– In case of Pulse input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-11 | SET2-2: On | CNA01 or CNA02 (EXT. IN1) | Ch1 | Off → On | Normal |
| | | | Ch2 | Off → On | Emergency stop |





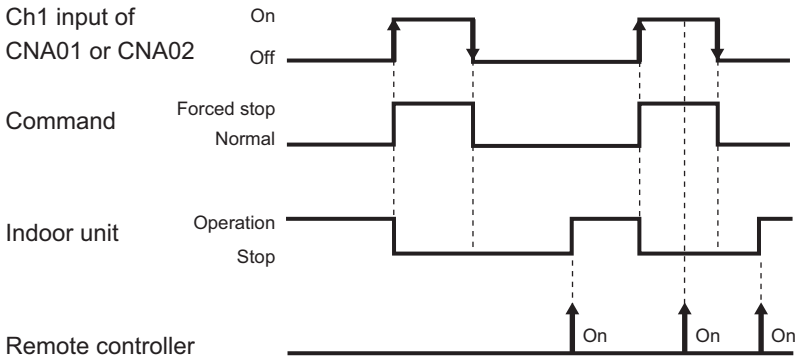

EXTERNAL INPUT AND OUTPUT

- **When function setting is Forced stop mode**

**NOTE:** If it enters the Forced stop mode once, the indoor unit stops and Operation/Stop operation by a remote controller will be restricted.

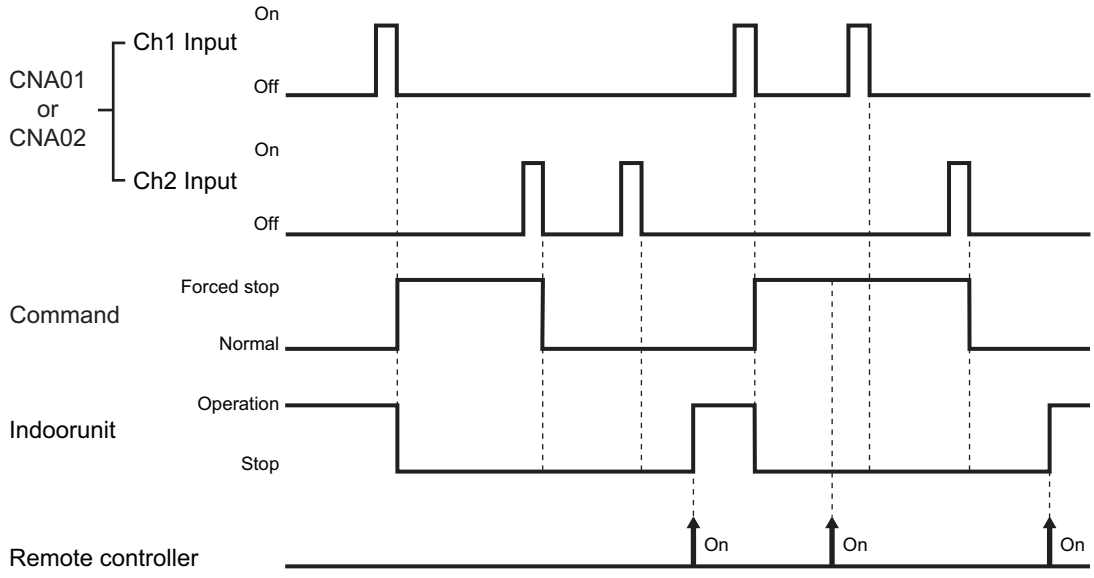
– In case of Edge input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-02 | SET2-2: Off (Factory setting) | CNA01 or CNA02 (EXT. IN1) | Ch1 | Off → On | Forced stop |
| | | | | On → Off | Normal |




– In case of Pulse input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-02 | SET2-2: On | CNA01 or CNA02 (EXT. IN1) | Ch1 | Off → On | Forced stop |
| | | | Ch2 | Off → On | Normal |





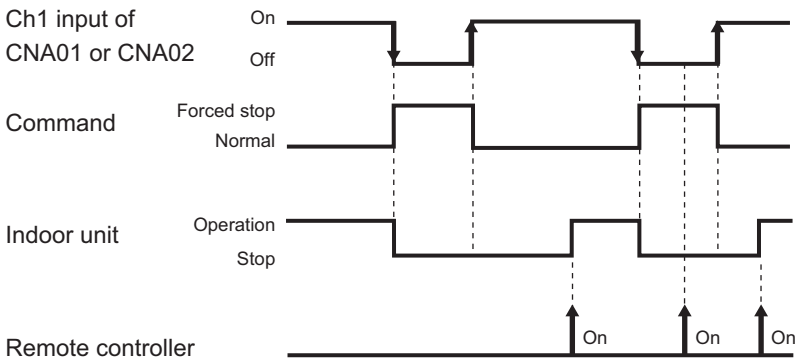

EXTERNAL INPUT AND OUTPUT

- **When function setting is Forced stop mode (logic inverse)**

**NOTE:** If it enters the Forced stop mode once, the indoor unit stops and Operation/Stop operation by a remote controller will be restricted.

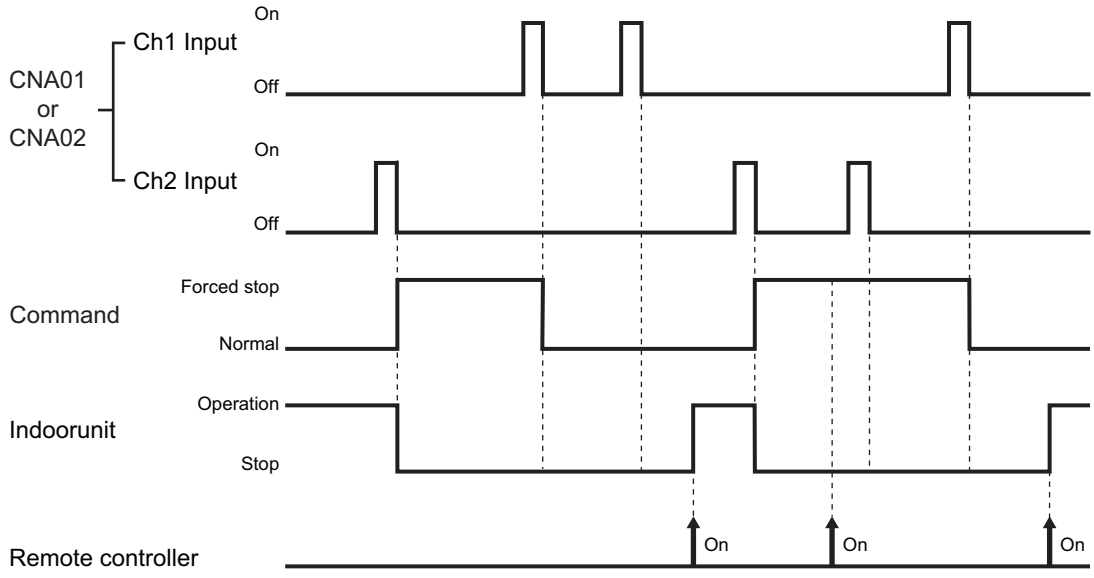
– In case of Edge input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-12 | SET2-2: Off (Factory setting) | CNA01 or CNA02 (EXT. IN1) | Ch1 | On → Off | Forced stop |
| | | | | Off → On | Normal |




– In case of Pulse input:

| Function setting | DIP switch | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|---|
| 46-12 | SET2-2: On | CNA01 or CNA02 (EXT. IN1) | Ch1 | Off → On | Normal |
| | | | Ch2 | Off → On | Forced stop |






EXTERNAL INPUT AND OUTPUT

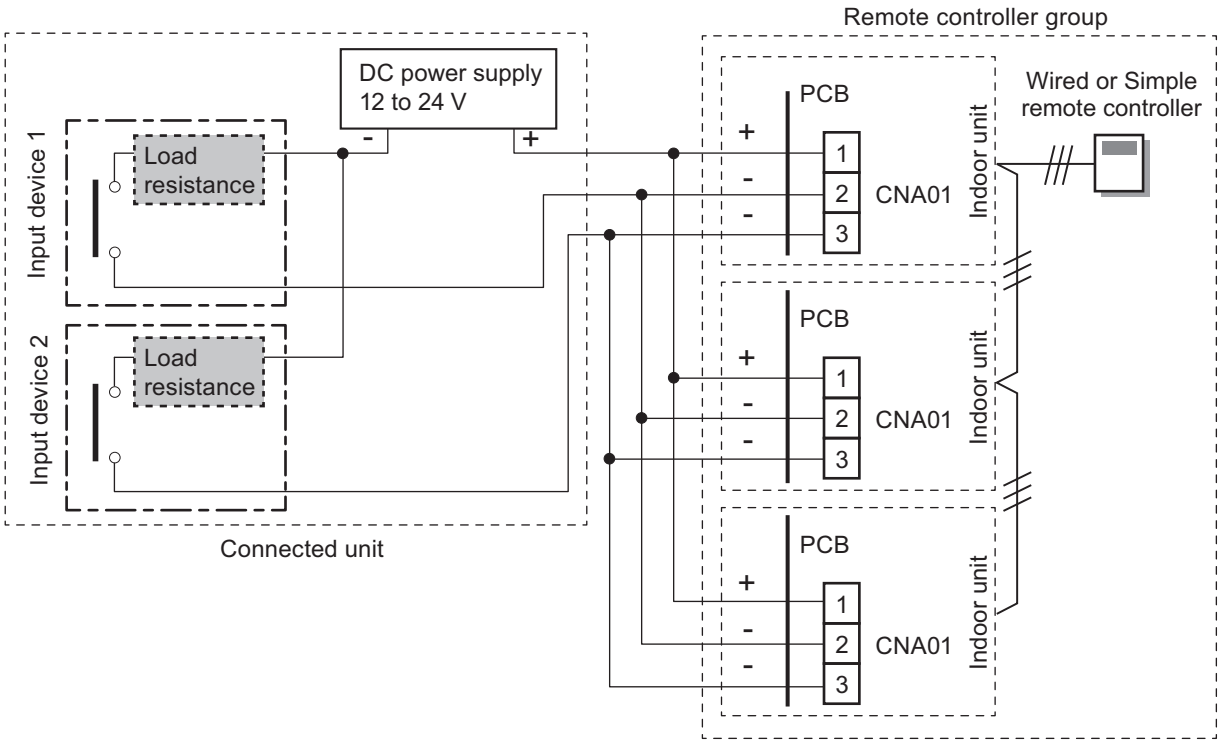
- **Considerations when setting Forced stop**

**⚠ CAUTION**

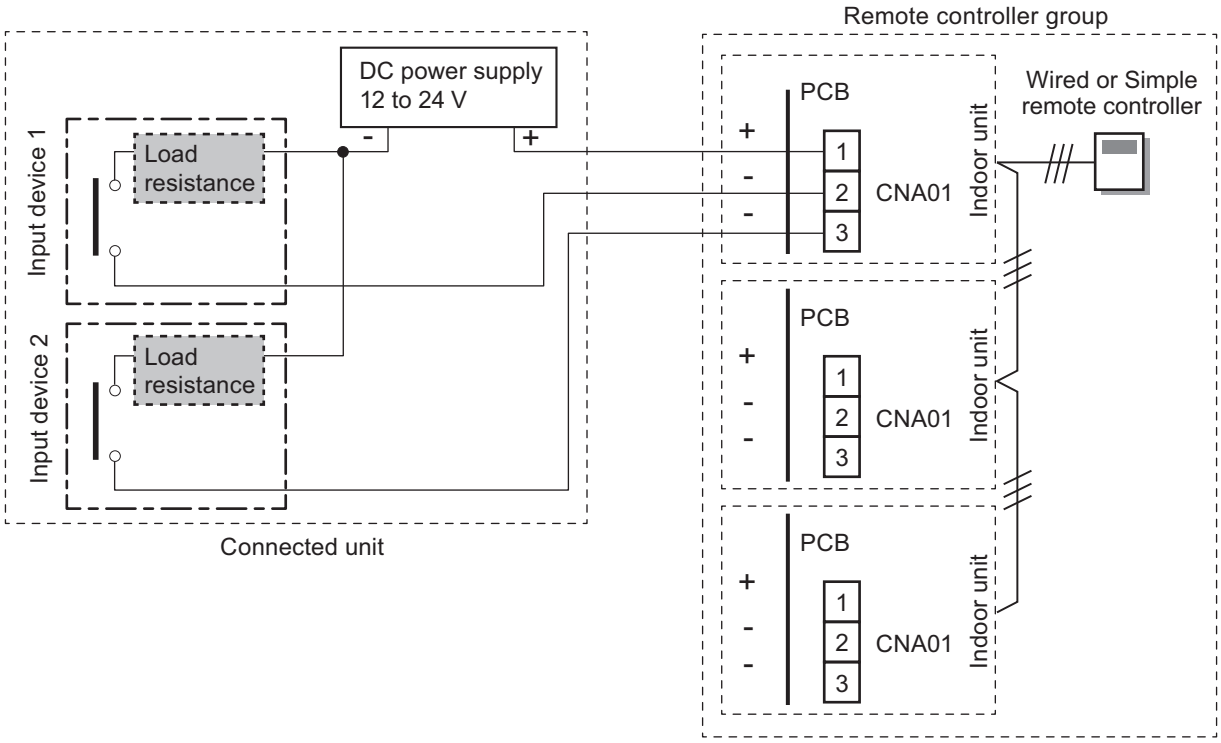
When Forced stop function is used with forming a remote controller group, connect the same equipment to each indoor unit within the group.

**Connection example:**

**OK**




**PROHIBITED**






EXTERNAL INPUT AND OUTPUT

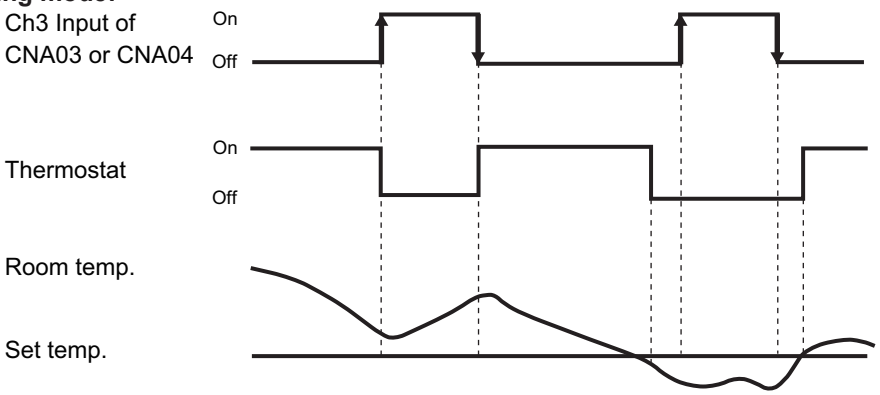
# ■ Forced thermostat off function

**NOTE:** Indoor unit may not perform Thermostat off promptly even if it received the signal by operating conditions of other indoor unit in the same refrigerant system.

- Edge input only

| Function setting | Connector | Channel no. | Input signal | Command |
|---|---|---|---|---|
| 60-00 | CNA03 or CNA04 | Ch3 | Off → On | Thermostat off |
| | | | On → Off | Normal |

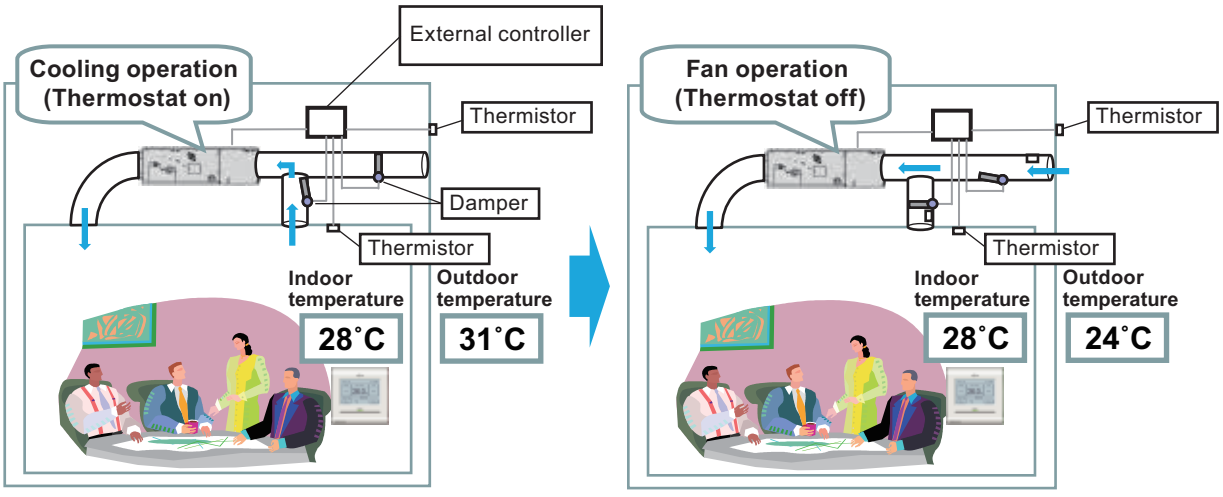
**Example of cooling mode:**




## ● Forced thermostat off examples

- **Example 1:**
  - **In-line connection**
  - **Function setting for Fan setting when cooling thermostat off Number 49-00 (Follow the setting on the remote controller)**

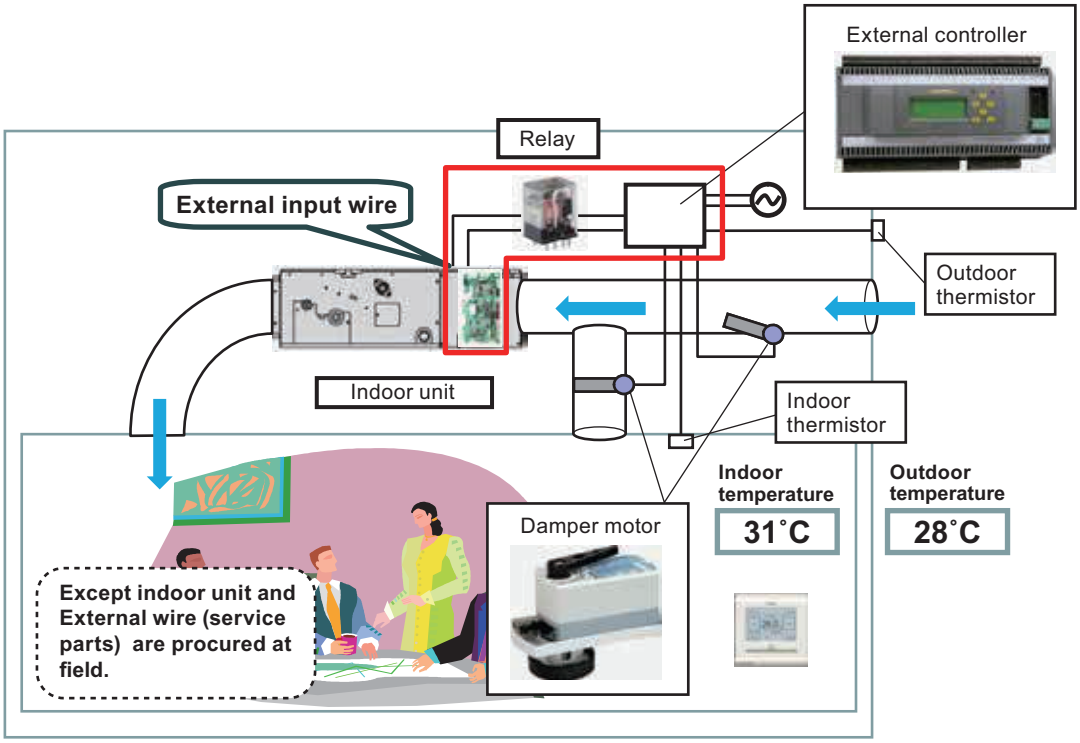
Forced thermostat off is one of the energy-saving functions. For example, when the outdoor temperature is lower than the indoor temperature, indoor unit of air conditioner perform Fan operation based on the received signal from external controller. (Cooling only)



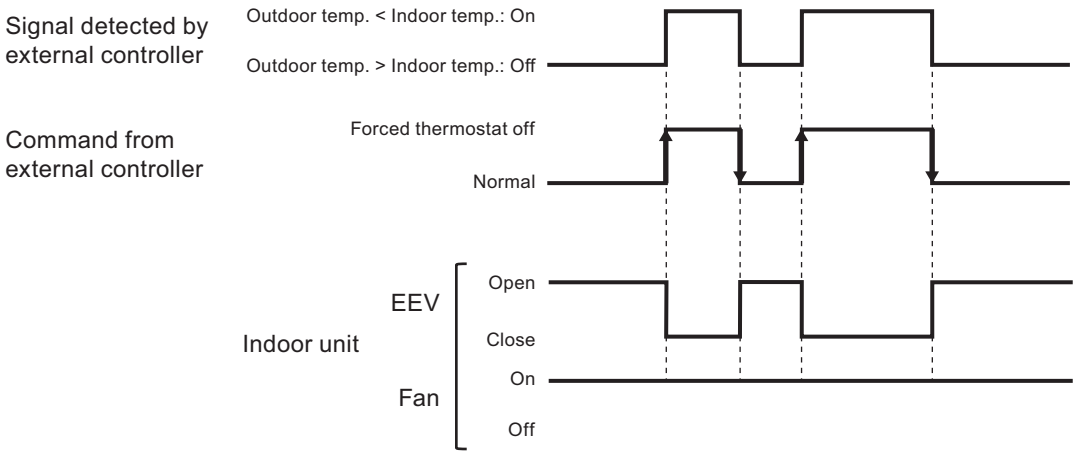



EXTERNAL INPUT AND OUTPUT

## [System diagram example]




## [Operation status]



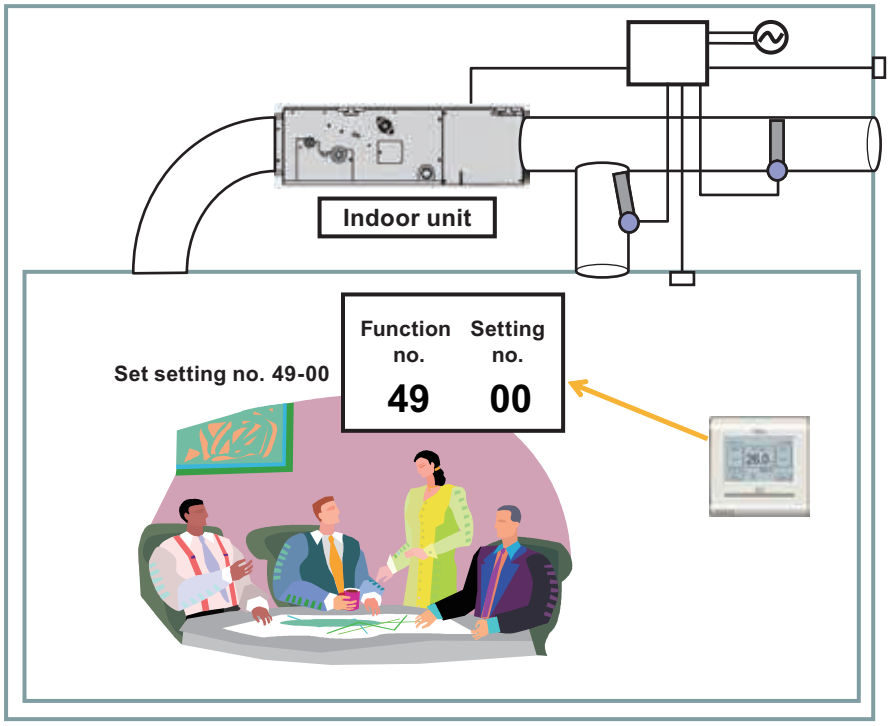

Normal means that the indoor unit continues appropriate operation until Forced thermostat off signal is received, at condition which are set by central and individual controller or detected by thermo sensors of the indoor unit.



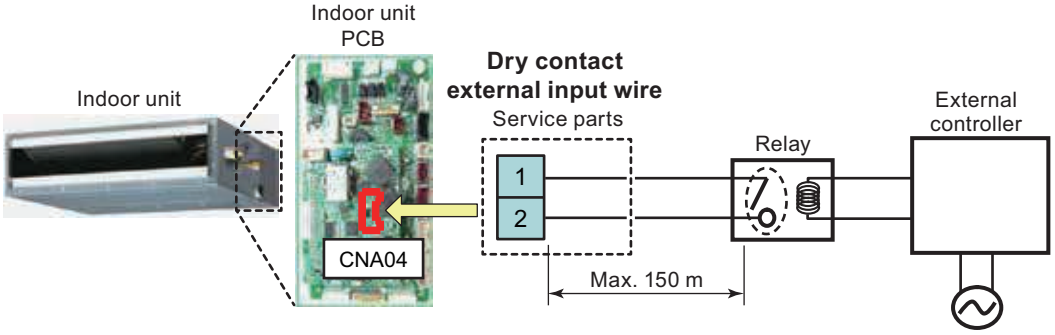
EXTERNAL INPUT AND OUTPUT

## [Function setting of indoor unit]

Indoor unit continues appropriate operation until Forced thermostat off signal is received, at condition which are set by central and individual controller or detected by thermo sensors of the indoor unit. Once the Forced thermostat off signal is received, the indoor unit start operation under fan mode.




## [Example of electrical circuit]



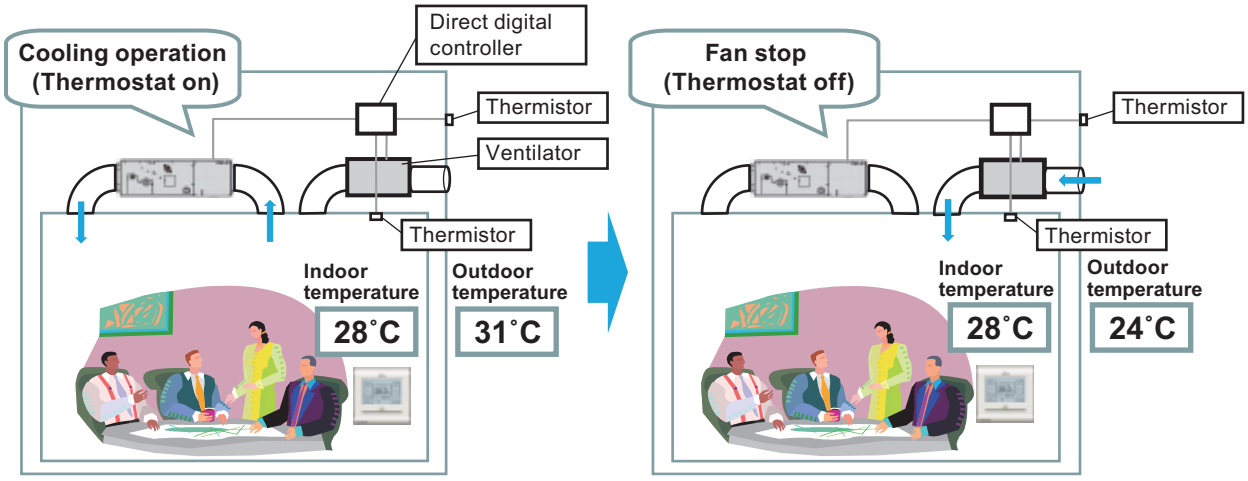

| | Item | Specification |
|---|---|---|
| **Specification of external input** | Terminal | CNA04 |
| | Output voltage | DC 12 V |
| | Wire diameter | 0.33 $mm^2$ (22 AWG), Twisted |
| | Service part no. | 9368778019 |

| | Item | Specification |
|---|---|---|
| **Requirement for relay switch** | Minimum permissible load | 1 mA or less |

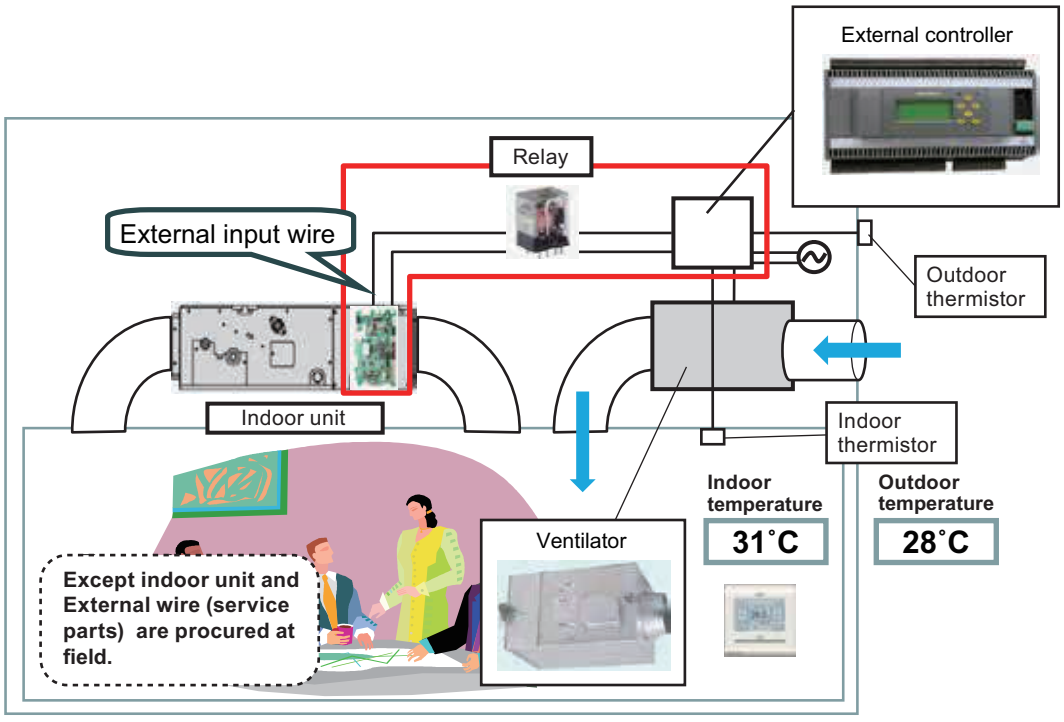

EXTERNAL INPUT AND OUTPUT

- **Example 2:**
  - **Individual connection**
  - **Function setting for Fan setting when cooling thermostat off Number 49-01 (Stop)**

Forced thermostat off is one of the energy-saving functions. For example, when using ventilator at condition of the outdoor temperature is lower than the indoor temperature, indoor unit of air conditioner stops based on the received signal from external controller. (Cooling only)



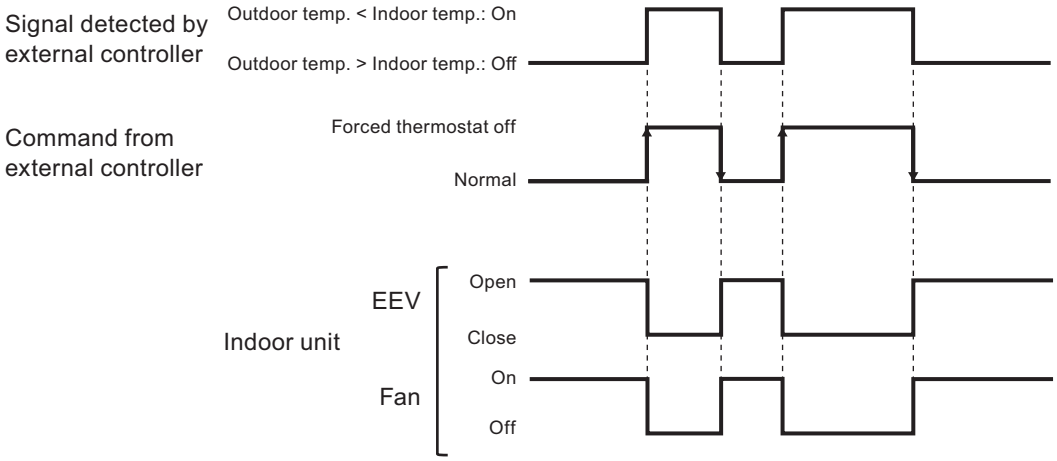

**[System diagram example]**






EXTERNAL INPUT AND OUTPUT

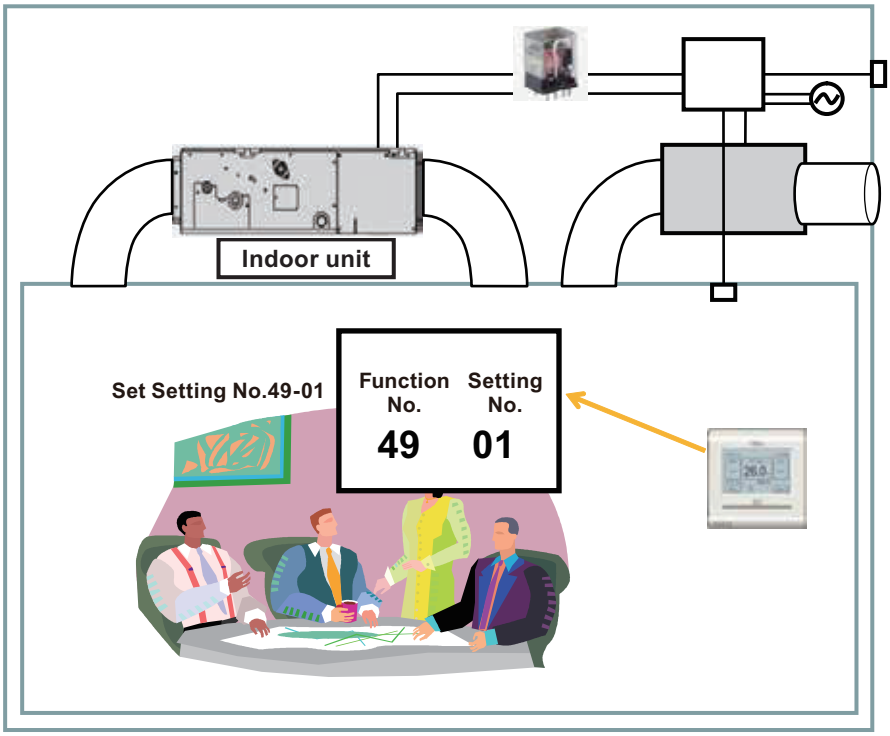
**[Operation status]**




Normal means that the indoor unit continues appropriate operation until Forced thermostat off signal is received, at condition which are set by central and individual controller or detected by thermo sensors of the indoor unit.

**[Function setting of indoor unit]**

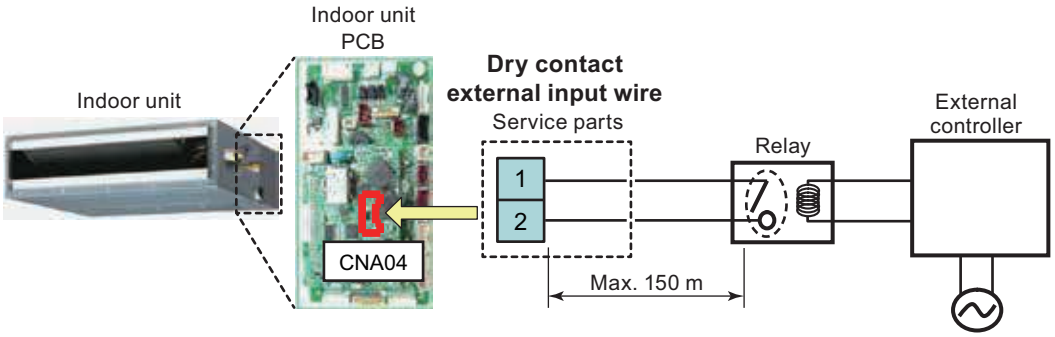
Indoor unit continues appropriate operation until Forced thermostat off signal is received, at condition which are set by central and individual controller or detected by thermo sensors of the indoor unit. Once the Forced thermostat off signal is received, the indoor unit stops operation.






EXTERNAL INPUT AND OUTPUT

## [Example of electrical circuit]




| | Item | Specification |
|---|---|---|
| **Specification of external input** | Terminal | CNA04 |
| | Output voltage | DC 12 V |
| | Wire diameter | 0.33 $mm^2$ (22 AWG), Twisted |
| | Service part no. | 9368778019 |

| | Item | Specification |
|---|---|---|
| **Requirement for relay switch** | Minimum permissible load | 1 mA or less |



EXTERNAL INPUT AND OUTPUT

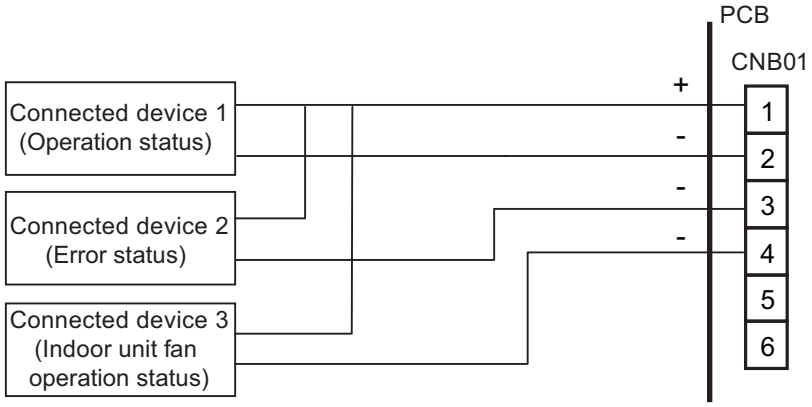
# 3-2. External output

- A twisted pair cable 0.33 $mm^2$ (22 AWG) should be used. Maximum length of cable is 25 m.
- Use an external input and output cable with appropriate external dimension, depending on the number of cables to be installed.
- Output voltage: DC 12 V at HIGH, 0 V at LOW
- Permissible current: 50 mA

| Connector | | | Output voltage | Status |
|---|---|---|---|---|
| CNB01 | External output1 | Pins 1-2 | 0 V | Stop |
| | | | DC 12 V | Operation |
| | External output2 | Pins 1-3 | 0 V | Normal |
| | | | DC 12 V | Error |
| | External output3 | Pins 1-4 | 0 V | Indoor unit fan stop |
| | | | DC 12 V | Indoor unit fan operation |
| | External output4 | Pins 1-5 | 0 V | Auxiliary heater off |
| | | | DC 12 V | Auxiliary heater on |

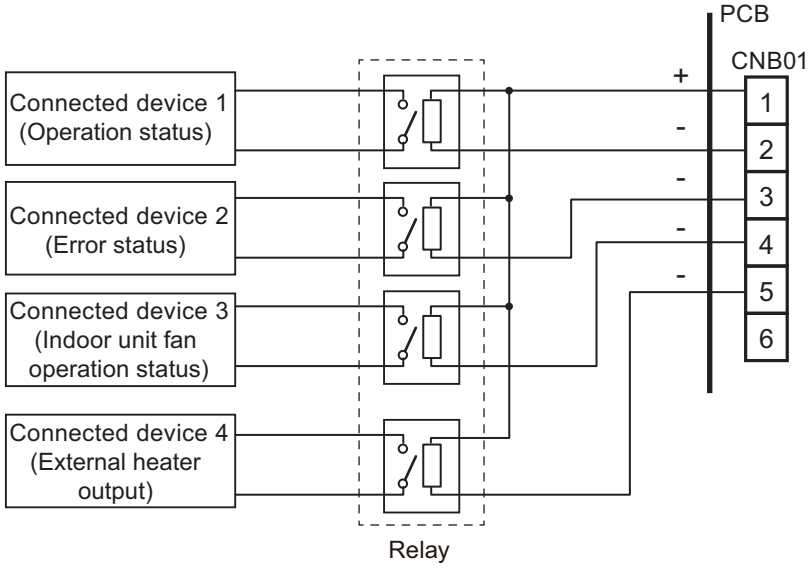
## ■ Output select

- **When indicator etc. are connected directly**




Actual number of pin might be different from the figure above.

- **When connecting to unit equipped with a power supply**



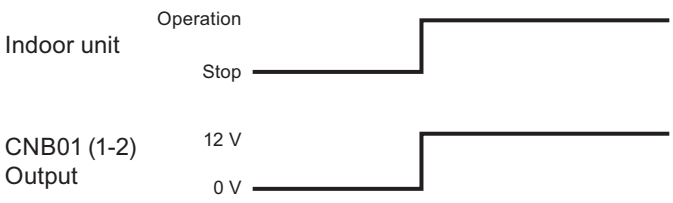

Actual number of pin might be different from the figure above.



EXTERNAL INPUT AND OUTPUT

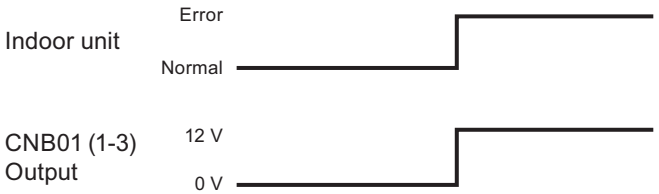
## ■ Operation status (External output 1)

The output for CNB01 (1-2) is on when the indoor unit is operating.
The output is off when the unit is stopped.



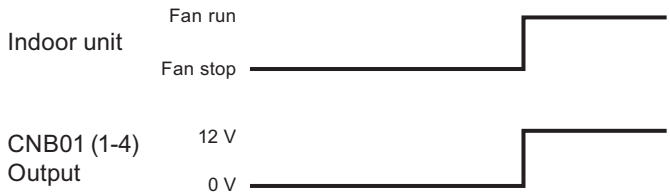

## ■ Error status (External output 2)

The output for CNB01 (1-3) is on when an error is generated for the indoor unit.




## ■ Indoor unit status (External output 3)

The output for CNB01 (1-4) is on when the indoor unit fan is operating.
The output is off when the fan is stopped or during cold air prevention.
The output for CNB01 (1-4) is off during thermostat off when DRY mode operation.




Ex.: Used for interlock energize for exhaust fan



EXTERNAL INPUT AND OUTPUT

# ■ Auxiliary heater output (External output 4)

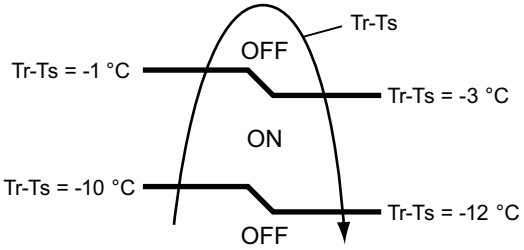
When indoor unit fan and compressor is turned on in heating operation, the signal is output from connector.

**NOTE:** Corresponding indoor units: All duct type

Specifications of the signal output performance are as shown as follows:

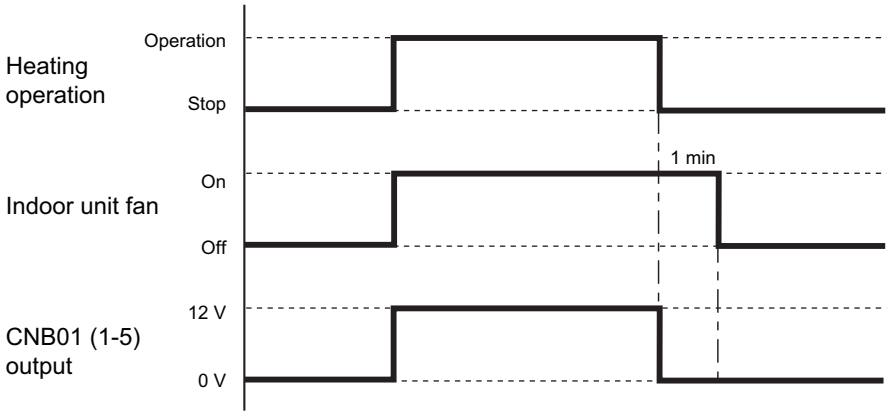
**Example:** When set temperature (Ts) is set at 22 °C;

- And room temperature (Tr) increase above 12 °C, signal output is on.
- And Tr increase above 21 °C, signal output is off.
- And Tr decrease below 19 °C, signal output is on.
- And Tr decrease below 10 °C, signal output is off.



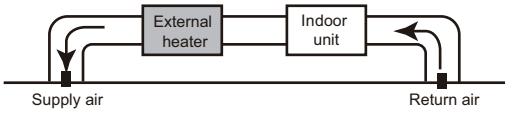

The output also turns off on defrost operation and oil recovery operation.

- **Fan delay switch (Indoor unit)**
  This is used to continue the indoor unit fan operation for 1 minute after thermo off in heating mode.
  1 minute delay control setting by DIP switch (2-3) on the PCB is “On”.




## ⚠ CAUTION

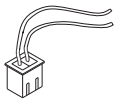
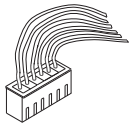
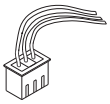
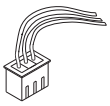
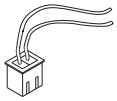
- Install an auxiliary heater between the indoor unit and the outlet.




- Be sure to use delay control of the fan.
- To avoid a fire caused by self heat of the auxiliary, design and install the auxiliary properly with considering protection by auxiliary itself.
  Our company is not responsible for the system designed including auxiliary with improper installation.


EXTERNAL INPUT AND OUTPUT

# 3-3. Optional parts

| External Connect Kit | | | |
|---|---|---|---|
| **Model name** | **Exterior** | **Qty** | **Usage** |
| UTY-XWZXZ7 |  | 1 | For forced thermostat off port.<br>(Apply voltage terminal) |
| UTY-XWZXZC |  | 1 | For output port. |
| UTY-XWZXZB |  | 1 | For control input port.<br>(Apply voltage terminal) |
| UTY-XWZXZD |  | 1 | For control input port.<br>(Dry contact terminal) |
| UTY-XWZXZE |  | 1 | For forced thermostat off port.<br>(Dry contact terminal) |



EXTERNAL INPUT AND OUTPUT

# 3-4. Function summary of indoor unit external input and output

## ■ Indoor unit external input function

| Dry contact/ Apply voltage | | | Dry contact DC 12 V | | | Apply voltage | | |
|---|---|---|---|---|---|---|---|---|
| Function | Operation/Stop | | ● (46-00) | | — | ● (46-00) | | — |
| | Emergency stop | | ● (46-01) | | — | ● (46-01) | | — |
| | Forced stop | | ● (46-02) | | — | ● (46-02) | | — |
| | Forced thermostat off | | — | | ● (60-00) | — | | ● (60-00) |
| Specifications | Terminal | | CNA02 (Pin1-3) | CNA02 (Ch1: Pin1-3) (Ch2: Pin2-3) | CNA04 (Pin1-2) | CNA01 (Pin1-2) | CNA01 (Ch1: Pin1-2) (Ch2: Pin1-3) | CNA03 (Pin1-2) |
| | Signal type | | Edge | Pulse * | Edge | Edge | Pulse * | Edge |
| | External power supply | Allowable voltage | — | | | DC 12 to 24 V | | |
| | | Allowable current | — | | | 10 mA or less | | |
| | Wire size | | 0.33 $mm^2$ (22 AWG), Twisted | | | | | |
| | Max. cable length | | 150 m | | | | | |

*: Default setting is Edge signal. If you use Pulse signal, DIP switch 2-2 must be set to “On”.

## ■ Indoor unit external output function

| Dry contact/ Apply voltage | | Dry contact | | | |
|---|---|---|---|---|---|
| Function | Operation status | ● | — | — | — |
| | Error status | — | ● | — | — |
| | Indoor unit fan operation status | — | — | ● | — |
| | Auxiliary heater output | — | — | — | ● * |
| Specifications | Terminal | CNB01 (Pin1-2) | CNB01 (Pin1-3) | CNB01 (Pin1-4) | CNB01 (Pin1-5) |
| | Terminal output voltage | DC 12 V | | | |
| | Wire size | 0.33 $mm^2$ (22 AWG), Twisted | | | |
| | Max. cable length | 25 m | | | |

*: Auxiliary heater is only available for duct type indoor unit. If you use Auxiliary heater output, DIP switch 2-3 must be set to “On”.



EXTERNAL INPUT AND OUTPUT

# 4. RB Unit

External input and output functions and related components are as follows:

| External input | External output | Input select | Connector | External Connect Kit (Optional parts) |
|---|---|---|---|---|
| Cooling priority or Heating priority | — | Dry contact | CNA01 | UTY-XWZXZ6 |
| | | Apply voltage | CNA02 | UTY-XWZXZB |

**RELATED LINKS**

"External input" on page 08-30

"Optional parts" on page 08-32

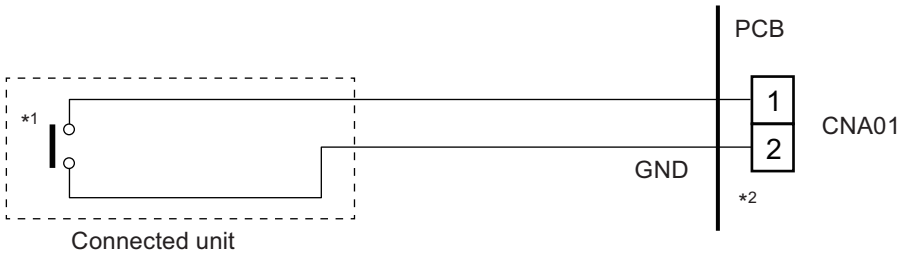
# 4-1. External input

- Selection of Cooling priority/Heating priority for RB Unit can be done by using CNA01 or CNA02 on the RB Unit PCB.
- The external input priority mode must be set by changing the DIP switch on the RB Unit PCB.
- A twisted pair cable 0.33 $mm^2$ (22 AWG) should be used. Maximum length of cable is 150 m.
- Use an external input cable with appropriate external dimension, depending on the number of cables to be installed.
- The wire connection should be separate from the power cable line.

## ■ Input select

Use either one of Apply voltage terminal of Dry contact terminal according to the application. (Both types of terminals cannot be used simultaneously.)

- **CNA01: Dry contact terminal**
  When a power supply is unnecessary at the input device you want to connect, use the Dry contact terminal (CNA01).



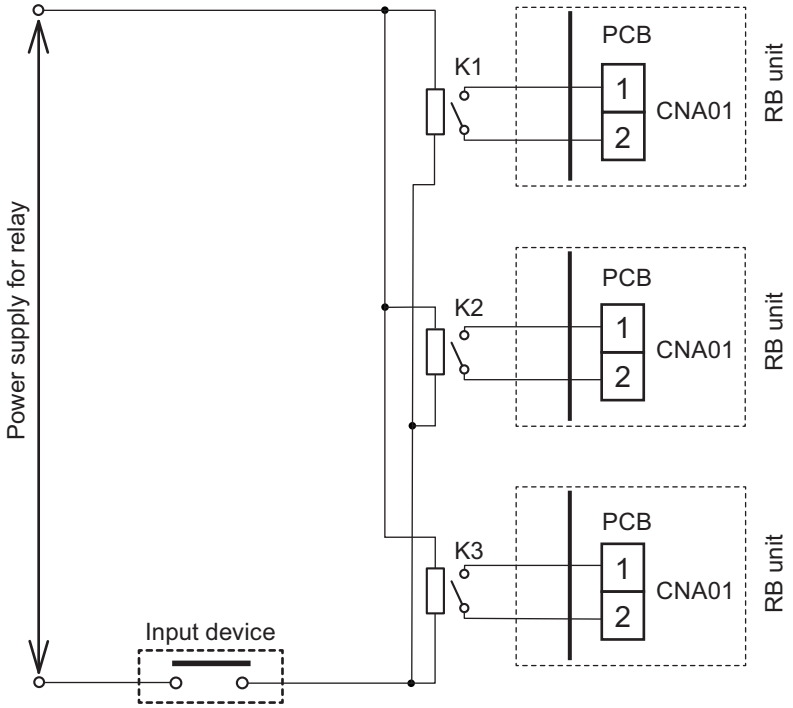

*1: Select very low current use contacts (usable at DC 12 V, DC 1 mA or less).

*2: The wiring is different from Apply voltage terminals. Be sufficiently careful when wiring.



EXTERNAL INPUT AND OUTPUT

When connecting to Dry contact terminals of multiple RB Units with a connecting unit, insulate each RB Unit with relay, etc. as shown in example below.



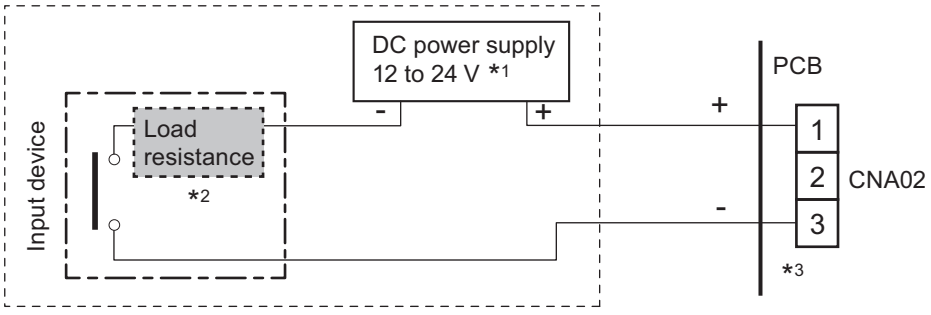

K1 to K3: Relay
(Device for DC current)

**⚠ CAUTION**

Do not connect to multiple RB Units directly since it will cause breakdown.

- **CNA02: Apply voltage terminal**

When a power supply must be provided at the input device you want to connect, use the Apply voltage terminal (CNA02).




Connected unit

*1: Make the power supply DC12 to 24 V. Select a power supply capacity with an ample surplus for the connected load. Do not impress a voltage exceeding 24 V across pins 1-3.

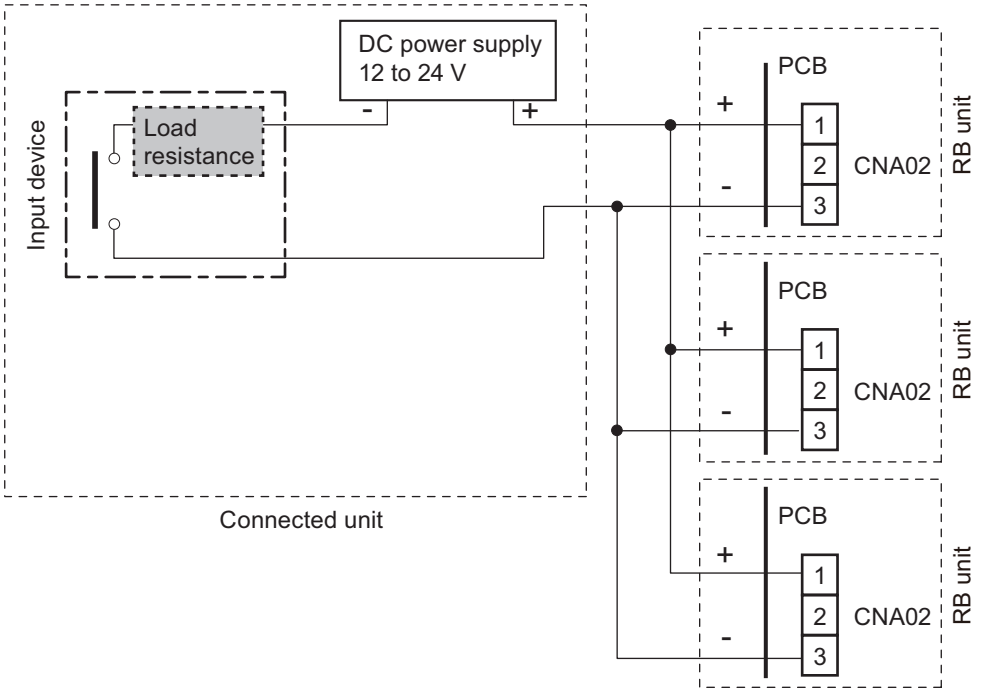
*2: The allowable current is DC 5 mA to 10 mA. (Recommended: DC 5 mA)
Provide a load resistance such that the current becomes DC10 mA or less.

*3: The polarity is “+” for pin 1and “-” for pin 3. Connect correctly.



EXTERNAL INPUT AND OUTPUT

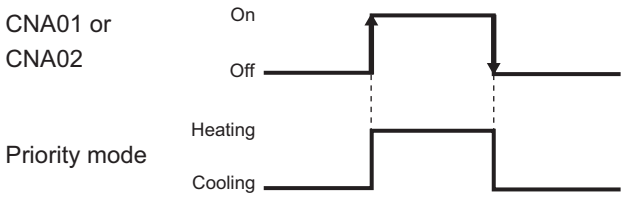
When connecting to Apply voltage terminals of multiple RB Units with a connecting unit, be sure to make a branch outside the RB Unit using a pull box, etc. as shown in example below.



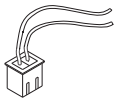
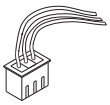

## ■ Cooling/Heating priority function

- **Edge input only**

| Connector | Input signal | Command |
|---|---|---|
| CNA01 or CNA02 | Off → On | Heating priority |
| | On → Off | Cooling priority |




# 4-2. Optional parts

| External Connect Kit | | | |
|---|---|---|---|
| **Model name** | **Exterior** | **Q'ty** | **Usage** |
| UTY-XWZXZ6 |  | 1 | For control input port. (Dry contact terminal) |
| UTY-XWZXZB |  | 1 | For control input port. (Apply voltage terminal) |



EXTERNAL INPUT AND OUTPUT

# 5. Controller

**RELATED LINKS**

"Touch Panel Controller" on page 08-33
"Central Remote Controller (UTY-DCG∗Z3)" on page 08-38
"Function summary of controller external input/output" on page 08-44

# 5-1. Touch Panel Controller

External input and output functions and related components are as follows:

| External input | External output | Connector | External Connect Kit (Optional parts) |
|---|---|---|---|
| Control input | — | TM201 (CN411 or CN412) | — |
| Electricity meter | — | | — |
| — | Operation status | CN410 | UTY-XWZXZA |
| — | Error status | | |

**RELATED LINKS**

"External input" on page 08-33
"External output" on page 08-37
"Optional parts" on page 08-37
"Function summary of controller external input/output" on page 08-44

## ■ External input

This function performs “Emergency stop” or “All On / All Off” by using the signal to be input externally at external input terminals.

### ● Input select

Use either one of Apply voltage terminal of Dry contact terminal according to the application. (Both types of terminals cannot be used simultaneously.) For more details, refer to the operation manual of Touch Panel Controller.

It is possible to switch to the Dry contact terminal or the Apply voltage terminal by connecting CN201 of TM201 on the PCB to CN411 or CN412 on the PCB of the panel side.

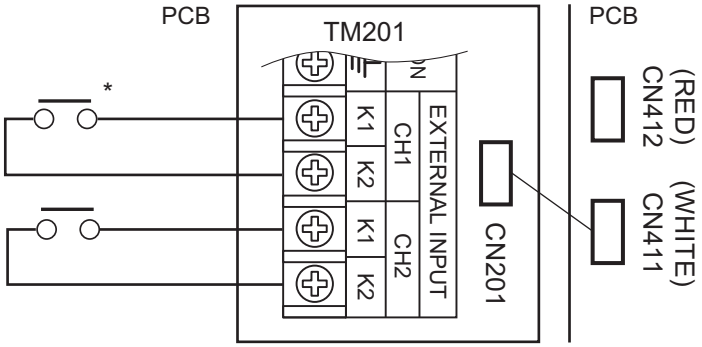
* The Dry contact terminal (connected to the CN411) is set at the time of factory shipment.

| TM201 - K1, K2 | Connect with the CN201 |
|---|---|
| Dry contact terminal | CN411 |
| Apply voltage terminal | CN412 |


EXTERNAL INPUT AND OUTPUT

- **TM201 (CN411): Dry contact terminal**
  When a power supply is unnecessary at the input device you want to connect, use the Dry contact terminal TM201 (CN411).

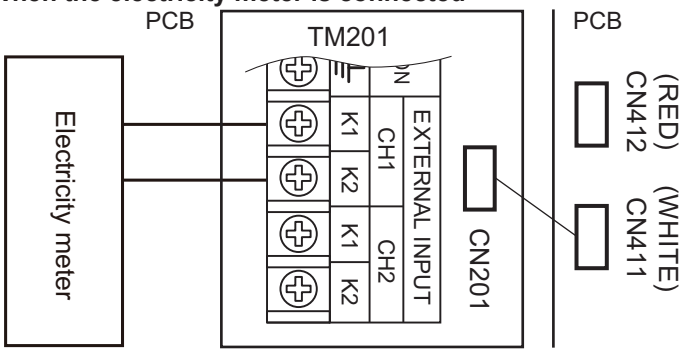
**Connection example 1: When the switch is connected**




*: Short circuit detection resistance ($R_{ON}$): ≤ 500 Ω
Open circuit detection resistance ($R_{OFF}$): ≥ 100 kΩ

A twisted pair cable 0.33 $mm^2$ (22 AWG) should be used. (Maximum cable length: 25 m)

**Connection example 2: When the electricity meter is connected**

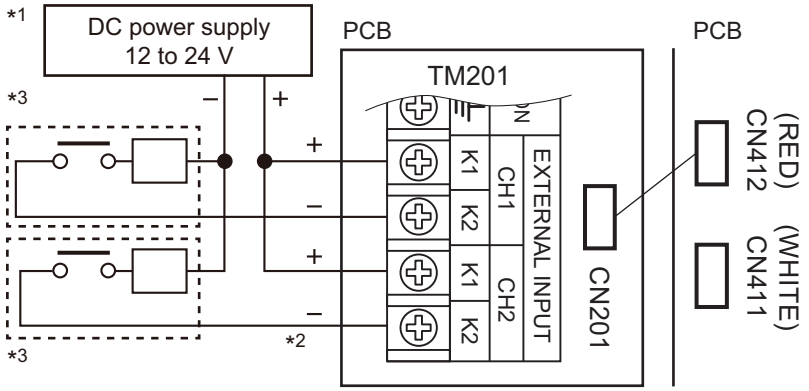



Connect the electricity meter to CH1. In this case, the use of CH2 is prohibited.

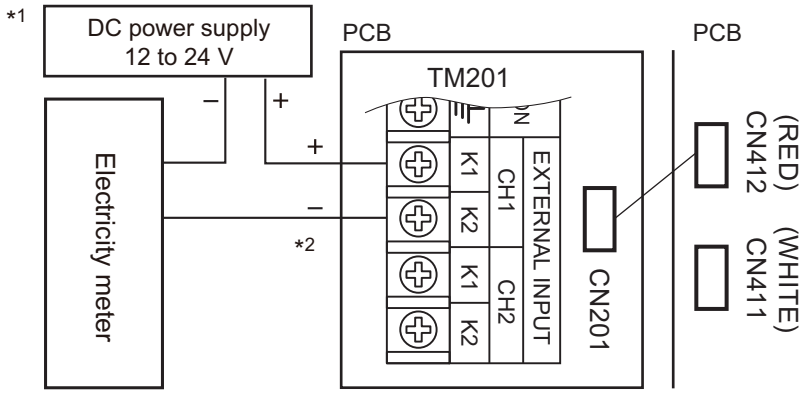

EXTERNAL INPUT AND OUTPUT

- **TM201 (CN412): Apply voltage terminal**
  When a power supply must be provided at the input device you want to connect, use the Apply voltage terminal TM201 (CN412).

**Connection example 1: When the switch is connected**




**Connection example 2: When the electricity meter is connected**




*1: Make the power supply DC12 to 24 V. Select a power supply capacity with an ample surplus for the connected load.

*2: Do not impress a voltage exceeding 24 V across K1-K2.

*3: The allowable current is DC 10 mA or less. (Recommended: DC 5 mA)
Provide a load resistance such that the current becomes DC10 mA or less.
Select very low current use contacts (usable at DC 12 V, DC 1 mA or less).
A twisted pair cable 0.33 $mm^2$ (22 AWG) should be used. (Maximum cable length: 25 m)

## ● Selecting the function

The function of the external input terminals is disabled at the time of factory shipment. Select the function to be used by installer setting of application.

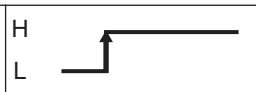
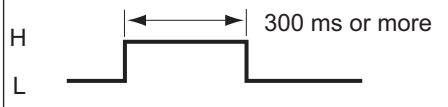
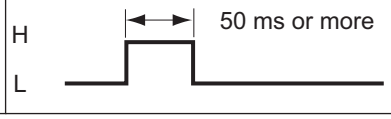
Turn on the power and select by installer setting after starting the application.

| | |
|---|---|
| Emergency stop | Edge/Pulse |
| All on/All off | |
| Electricity meter | Pulse |


EXTERNAL INPUT AND OUTPUT

## ● Input signal type

The input signal type can be selected.

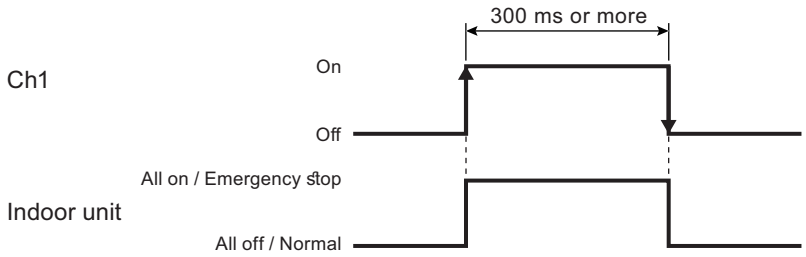
| | | | |
|---|---|---|---|
| Edge |  | Emergency stop or All on | Ch1 |
| | | Emergency stop reset or All off | |
| Pulse |  | Emergency stop or All on | Ch1 |
| | | Emergency stop reset or All off | Ch2 |
| |  | Electricity meter signal | Ch1 |

When Edge is selected, only Ch1 can be used.

## ● Control input function

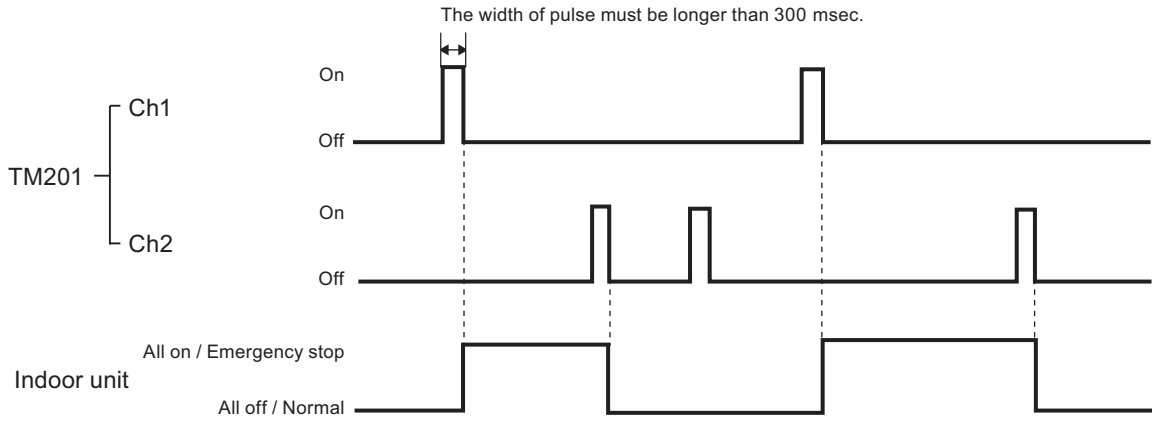
- **In case of Edge input:**

| Terminal | Channel no. | Input signal | Command |
|---|---|---|---|
| TM201 | Ch1 | Off → On | All on / Emergency stop |
| | | On → Off | All off / Normal |




- **In case of Pulse input:**

| Terminal | Channel no. | Input signal | Command |
|---|---|---|---|
| TM201 | Ch1 | Pulse | All on / Emergency stop |
| | Ch2 | | All off / Normal |

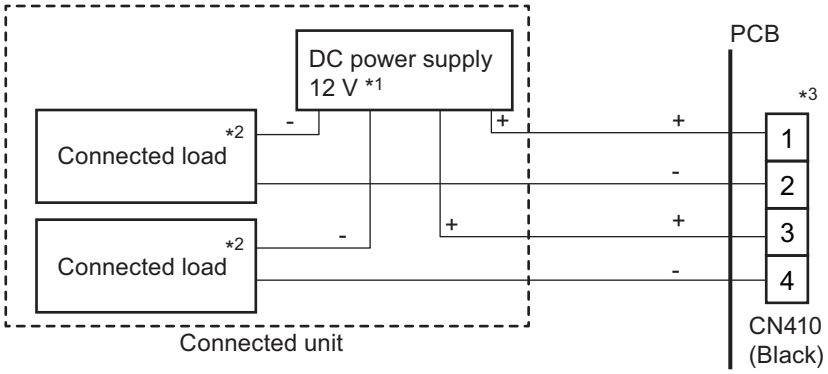





EXTERNAL INPUT AND OUTPUT

# ■ External output

| Connector | | Output voltage | Status |
|---|---|---|---|
| CN410 (Black) | Ch1 | 0 V | All indoor units: Stop |
| | Pins 1-2 | DC 12 V | One or more indoor units: Operation |
| | Ch2 | 0 V | Normal |
| | Pins 3-4 | DC 12 V | Error |



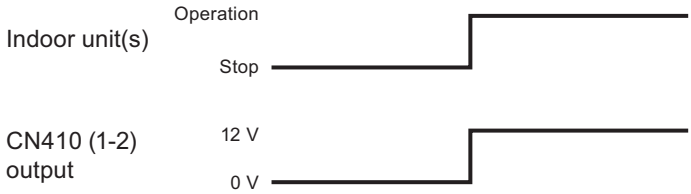

*1: Provide a DC 12 V power supply. Select a power supply capacity with an ample surplus for the connected load. Do not impress a voltage exceeding 12 V across pins 1-2 and 3-4.

*2: The allowable current is DC15 mA or less. Provide a load resistance such that the current becomes DC 15 mA or less.

*3: Polarity is "+" for pins 1 and 3, "-" for pins 2 and 4. Connect correctly.

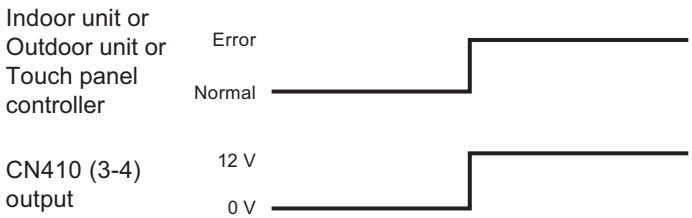
## ● Operation status (External output 1)

The output for CN410 (1-2) is on when one or more indoor units are operating. The output is off when all of the indoor units are stopped.




## ● Error status (External output 2)

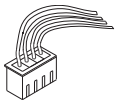
The output for CN410 (3-4) is on when an error is generated at one or more indoor units, outdoor unit, or Touch Panel Controller.






EXTERNAL INPUT AND OUTPUT

# ■ Optional parts

| External Connect Kit | | | |
|---|---|---|---|
| **Model name** | **Exterior** | **Q'ty** | **Usage** |
| UTY-XWZXZA |  | 1 | For output port. |

# 5-2. Central Remote Controller (UTY-DCG∗Z3)

External input and output functions and related components are as follows:

| External input | External output | Input select | Connector | External Connect Kit (Optional parts) |
|---|---|---|---|---|
| Control input | — | Dry contact | CN12, CN13 | UTY-XWZXZ7 |
| | | Apply voltage | CN14, CN15 | UTY-XWZXZ8 |
| — | Operation status | — | CN18 | UTY-XWZXZA |
| | Error status | | | |

**RELATED LINKS**

"External input" on page 08-38
"External output" on page 08-42
"Optional parts" on page 08-43
"Function summary of controller external input/output" on page 08-44

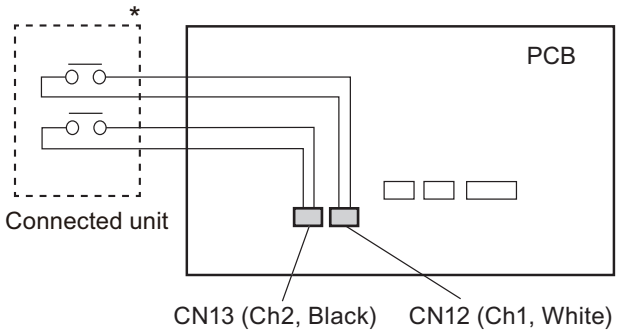
## ■ External input

This function performs “Emergency stop” or “All On / All Off” by using the signal to be input externally at external input terminals.

### ● Input select

Use either one of Apply voltage terminal or Dry contact terminal according to the application. (Both types of terminals cannot be used simultaneously.)

- **CN12 (CH1) and CN13 (CH2): Dry contact terminal**
  When a power supply is unnecessary at the input device you want to connect, use the Dry contact terminal CN12 (Ch1) and CN13 (Ch2).



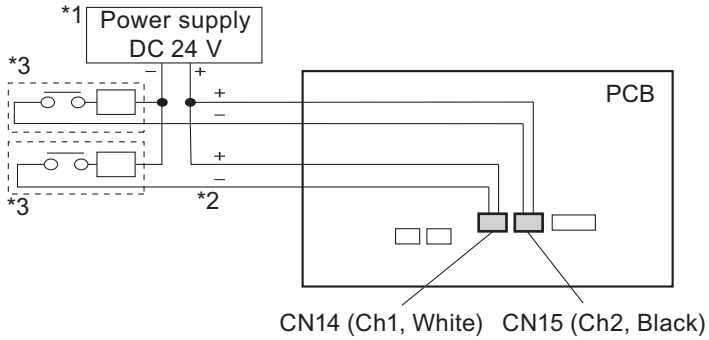

*: Short circuit detection resistance ($R_{ON}$): ≤ 500 Ω
Open circuit detection resistance ($R_{OFF}$): ≥ 100 kΩ

A twisted pair cable 0.33 $mm^2$ (22 AWG) should be used. (Maximum cable length: 25 m)

| Input method | Terminal | Input signal | Operation |
|---|---|---|---|
| Edge | CN12 (Ch1) | Low → High | “Emergency Stop” or “All on” |
| | | High → Low | “Emergency Stop” reset or “All Off” |
| Pulse | CN12 (Ch1) | Low → High | “Emergency Stop” or “All on” |
| | CN13 (Ch2) | Low → High | “Emergency Stop” reset or “All Off” |


EXTERNAL INPUT AND OUTPUT

- **CN14 (Ch1) and CN15 (Ch2): Apply voltage terminal**
  When a power supply must be provided at the input device you want to connect, connect to CN14 (Ch1) and CN15 (Ch2).




*1: Make the power supply DC 24 V. Select a power supply capacity with an ample surplus for the connected load.

*2: Do not impress a voltage exceeding 24 V across pin 1-3.

*3: The allowable current is DC 5 mA or less. (Recommended: DC 5 mA)
Provide a load resistance such that the current becomes DC 5 mA or less.

A twisted pair cable 0.33 $mm^2$ (22 AWG) should be used. (Maximum cable length: 25 m)

| Input method | Terminal | Input signal | Operation |
|---|---|---|---|
| Edge | CN14 (Ch1) | Low → High | "Emergency Stop" or "All on" |
| | | High → Low | "Emergency Stop" reset or "All Off" |
| Pulse | CN14 (Ch1) | Low → High | "Emergency Stop" or "All on" |
| | CN15 (Ch2) | Low → High | "Emergency Stop" reset or "All Off" |


EXTERNAL INPUT AND OUTPUT

## ● Input signal type

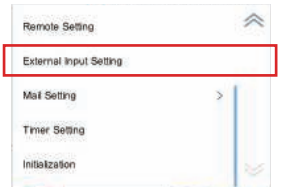
The input signal type can be selected by using Central Remote Controller interface.

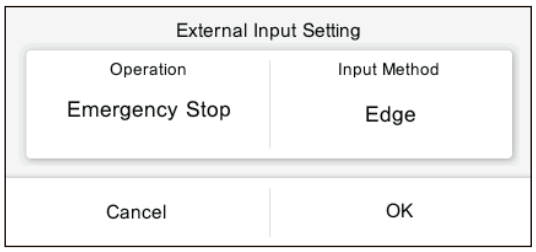
To select the input signal type, do as follows:

1. Tap Menu button.

2. Tap “Installer Setting”.

3. Tap “External Input Setting”.

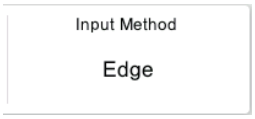



4. Tap “Operation” and select following operation for external input.

- Emergency Stop: Enables Emergency stop by external input
- All On/Off: Enables Group Operation on or off by external input
- Not Used: Does not receive external input signals

5. Tap “Input method” and select following input method.




- Edge button: Detects the signal rise and fall
- Pulse button: Detects the signal level

6. When “OK” button is tapped, setting is complete.

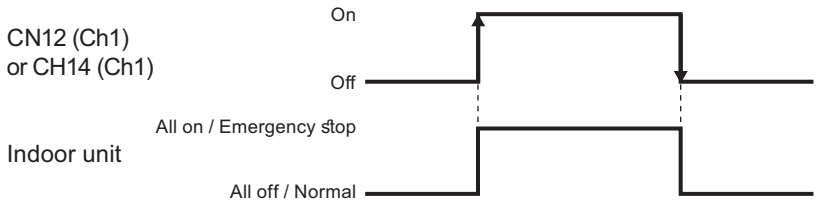


EXTERNAL INPUT AND OUTPUT

# ● Control input function

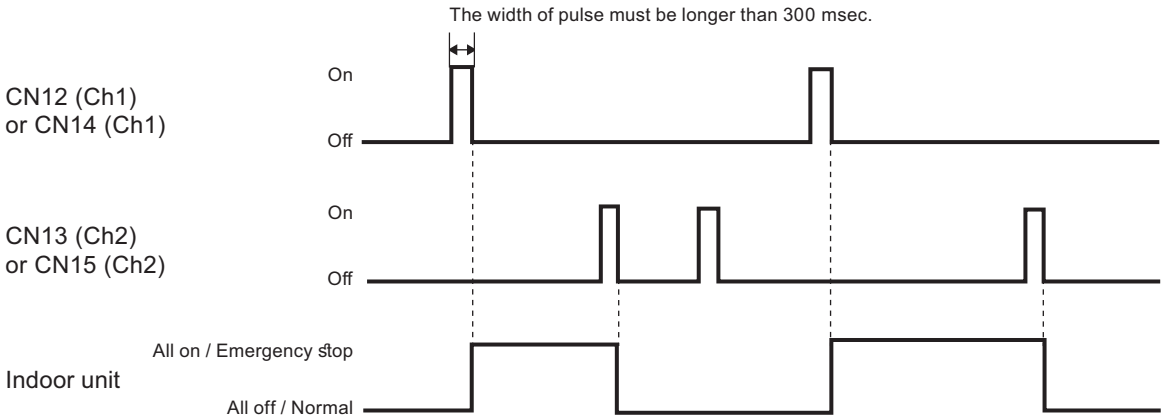
- **In case of Edge input:**

| Connector | Input signal | Command |
|---|---|---|
| CN12 (Ch1) or CH14 (Ch1) | Off → On | All on / Emergency stop |
| | On → Off | All off / Normal |




- **In case of Pulse input:**

| Connector | Input signal | Command |
|---|---|---|
| CN12 (Ch1) or CN14 (Ch1) | Off → On | All on / Emergency stop |
| CN13 (Ch2) or CN15 (Ch2) | Off → On | All off / Normal |

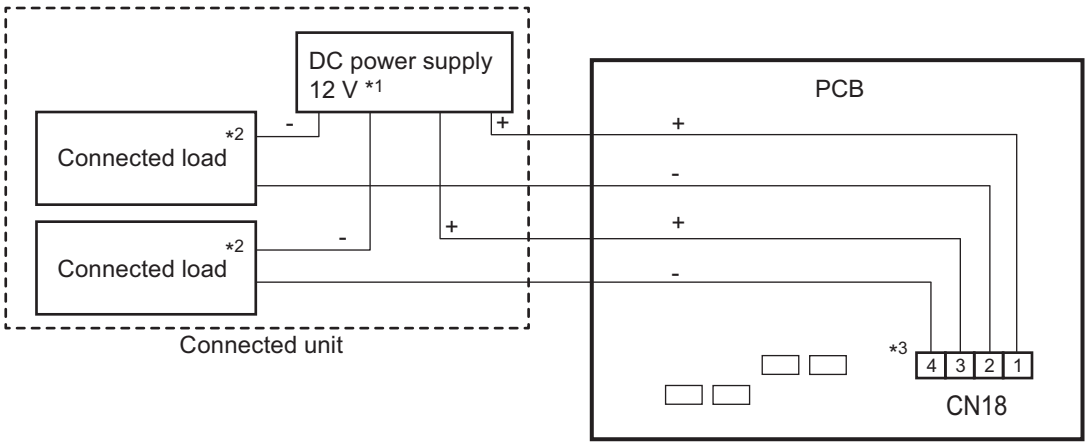





EXTERNAL INPUT AND OUTPUT

# ■ External output

| Terminal | Ch | Pin | Output voltage | Status |
|---|---|---|---|---|
| CN18 | Ch1 | 4 | DC 12 V | One or more indoor units: Operation |
| | | 3 | 0 V | All indoor units: Stop |
| | Ch2 | 2 | DC 12 V | Error |
| | | 1 | 0 V | Normal |



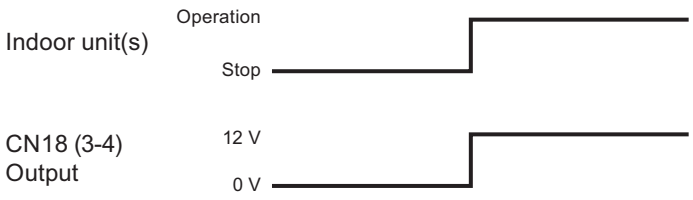

*1: Provide a DC 12 V power supply. Select a power supply capacity with an ample surplus for the connected load. Do not impress a voltage exceeding 12 V across pins 1-2 and 3-4.

*2: The allowable current is DC15 mA or less. Provide a load resistance such that the current becomes DC 15 mA or less.

*3: Polarity is "+" for pins 1 and 3, "-" for pins 2 and 4. Connect correctly.

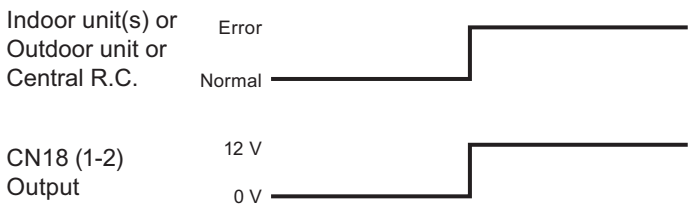
## ● Operation status (External output 1)

The output for CN18 (3-4) is on when one or more indoor units are operating.
The output is off when all of the indoor units are stopped.




## ● Error status (External output 2)

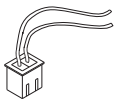
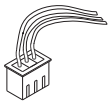
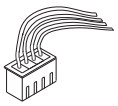
The output for CN18 (1-2) is on when an error is generated at one or more indoor units, outdoor unit or Central Remote Controller.






EXTERNAL INPUT AND OUTPUT

# ■ Optional parts

| External Connect Kit | | | | |
|---|---|---|---|---|
| **Model name** | **Exterior** | **Q'ty** | | **Usage** |
| UTY-XWZXZ7 |  | Edge | Pulse | For control input port.<br>(Dry contact terminal) |
| | | 2 | 1 | |
| UTY-XWZXZ8 |  | Edge | Pulse | For control input port.<br>(Apply voltage terminal) |
| | | 2 | 1 | |
| UTY-XWZXZA |  | 1 | | For output port. |



EXTERNAL INPUT AND OUTPUT

# 5-3. Function summary of controller external input/output

## ■ Controller external input function

### Touch Panel Controller (UTY-DTG∗Z1)

| Dry/Apply-voltage contact | | | Dry contact | | Apply voltage | |
|---|---|---|---|---|---|---|
| Function | Emergency stop | | ● (Screen icon) | | ● (Screen icon) | |
| | All on/All off | | ● (Screen icon) | | ● (Screen icon) | |
| Specifications | Terminal | | TM201 (Ch1-K1, K2) CN201 ↕ CN411 | TM201 (Ch1-K1, K2) (Ch2-K1, K2) CN201 ↕ CN411 | TM201 (Ch1-K1, K2) CN201 ↕ CN412 | TM201 (Ch1-K1, K2) (Ch2-K1, K2) CN201 ↕ CN412 |
| | Signal type | | Edge | Pulse * | Edge | Pulse * |
| | External power supply | Allowable voltage | — | | DC12 V | |
| | | Allowable current | — | | 10 mA or less | |
| | Wire size | | 0.33 mm$^2$ (22 AWG), Twisted | | | |
| | Max. cable length | | 25 m | | | |

*: Default setting is Edge signal. If you use Pulse signal, DIP switch 2-2 must be set to “On”.

### Central Remote Controller (UTY-DCG∗Z3)

| Dry/Apply-voltage contact | | | Dry contact | | Apply voltage | |
|---|---|---|---|---|---|---|
| Function | Emergency stop | | ● (Screen icon) | | ● (Screen icon) | |
| | All on/All off | | ● (Screen icon) | | ● (Screen icon) | |
| Specifications | Terminal | | CN12 (Ch1: Pin 1-2) | CN12 (Ch1: Pin 1-2) CN13 (Ch2: Pin 1-2) | CN14 (Pin 1-3) | CN14 (Ch1: Pin 1-3) CN15 (Ch2: Pin 1-3) |
| | Signal type | | Edge | Pulse | Edge | Pulse |
| | External power supply | Allowable voltage | — | | DC 24 V | |
| | | Allowable current | — | | 5 mA or less | |
| | Wire size | | 0.33 mm$^2$ (22 AWG), Twisted | | | |
| | Max. cable length | | 25 m | | | |



EXTERNAL INPUT AND OUTPUT

# ■ Controller external output function

| Controller | | | Touch Panel Controller | |
|---|---|---|---|---|
| Dry/Apply-voltage contact | | | Apply voltage | |
| Function | Operation status | | ● | — |
| | Error status | | — | ● |
| Specifications | Terminal | | CN410 (Pin1-2) | CN410 (Pin3-4) |
| | External power supply | Allowable voltage | DC12 V | |
| | | Allowable current | 15 mA or less | |
| | Wire size | | 0.33 $mm^2$ (22 AWG), Twisted | |
| | Max. cable length | | 25 m | |

| Controller | | | Central Remote Controller | |
|---|---|---|---|---|
| Model name | | | UTY-DCG∗Z3 | |
| Dry/Apply-voltage contact | | | Apply voltage | |
| Function | Operation status | | ● | — |
| | Error status | | — | ● |
| Specifications | Terminal | | CN18 (Pin3-4) | CN18 (Pin1-2) |
| | External power supply | Allowable voltage | DC12 V | |
| | | Allowable current | 15 mA or less | |
| | Wire size | | 0.33 $mm^2$ (22 AWG), Twisted | |
| | Max. cable length | | 25 m | |



EXTERNAL INPUT AND OUTPUT

EXTERNAL INPUT AND OUTPUT

Refrigerant R410A
INVERTER

AIRSTAGE

# 9. NOTES

# CONTENTS

# 9. NOTES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# 1. Refrigerant leakage caution

The installer and system specialist shall secure safety against leakage according to local regulations or standards. The following standards may be applicable if local regulations are not available.

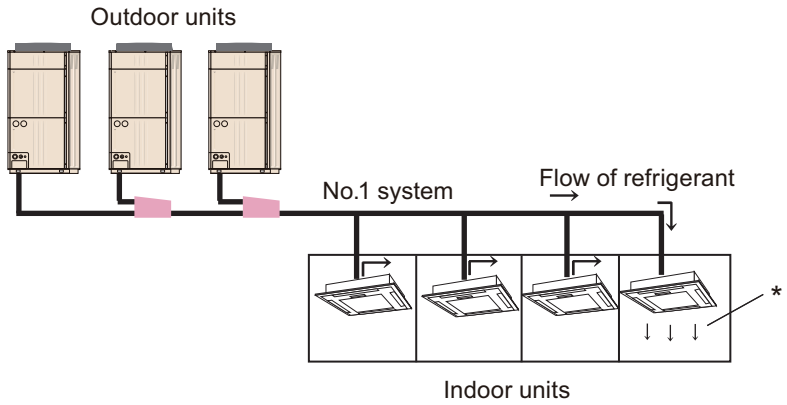
# 1-1. Introduction

This air conditioners use R410A as refrigerant. Though R410A is harmless and incombustible in it-self, the room in which the air conditioner is installed should be large enough that the refrigerant gas will not exceed the concentration limit even if the refrigerant gas leaks.

**Concentration limit**

Concentration limit is the limit of freon gas concentration where immediate measures can be taken without hurting the human body when refrigerant leaks in to the air. The concentration limit shall be described in units of kg/$m^3$ (freon gas weight in per $m^3$ air) to facilitate calculation.

| | |
|---|---|
| Concentration limit for R410A | 0.42 kg/$m^3$ |




*: Room where refrigerant leaks (Refrigerant of the whole No.1 system flows out.)

NOTES

NOTES

# 1-2. Checking concentration limit

Check concentration limit following step 1 and 2, and take appropriate measures depending on the situation.

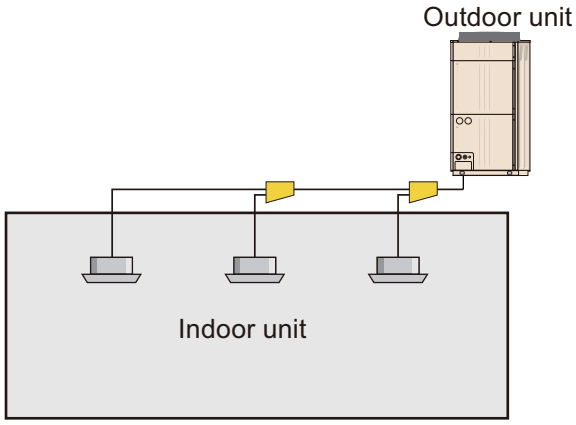
1. Calculate amount of refrigerant per refrigerant system.

Unit: kg

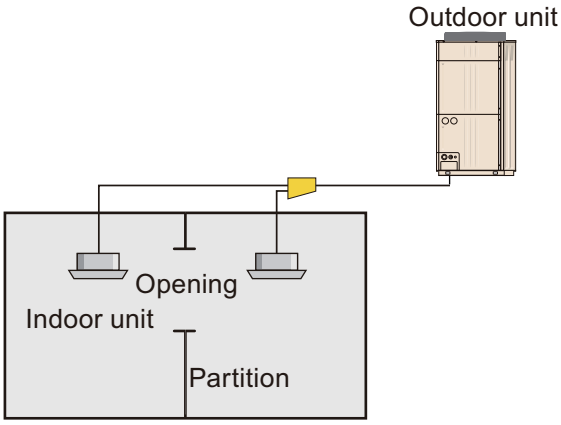
| Amount of refrigerant system | + | Amount of additional refrigerant | = | Total amount of refrigerant in system |
|---|---|---|---|---|
| Amount of factory charge | | Amount of refrigerant added to system based on pipe length, pipe size, and indoor units | | When one refrigerant system is divided into 2 or more refrigerant systems and each system is independent, total amount of refrigerant of each system shall be adopted. |

2. Calculate room volume by regarding portion marked in gray as one room or the smallest room.

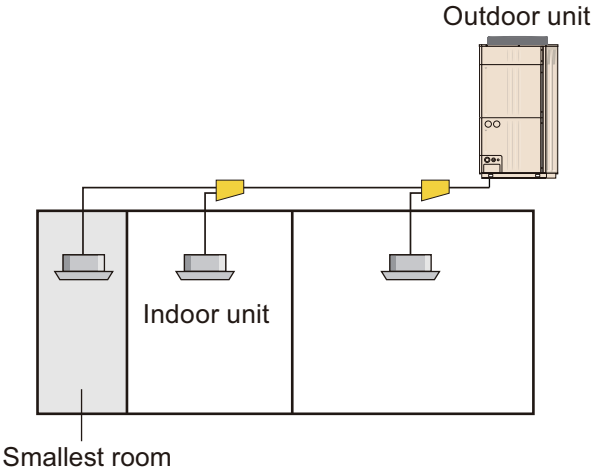
(a) Without partition



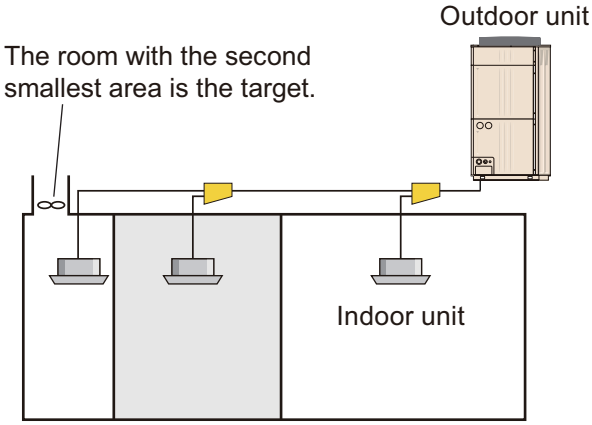

(b) When there are partitions, but there is an effective opening for ventilation between the rooms.




(c) With partition and without opening which serve as passage of air to adjoining room.




(d) When a mechanical ventilation device linked to a gas leak detection warning device is mounted in the smallest room.The room with the second smallest area is the target.




NOTES

NOTES

3. Calculate refrigerant concentration from the results of step 1 and 2.

$$\frac{\text{Total amount of refrigerant in refrigerant system (Unit: kg)}}{\text{Capacity of smallest room where indoor unit is installed (Unit: m}^3\text{)}} \leq \text{Refrigerant concentration (R410A) (Unit: kg/m}^3\text{)}$$

When the result of calculation exceeds the limiting concentration, perform the same calculation by shifting to second smallest, and the third smallest rooms until the final result is below the limiting concentration.

NOTES

NOTES

# 1-3. Refrigerant concentration countermeasures

When the concentration limit is exceeded, the designer will need to change the original design or use one of the countermeasures below to reduce potential exposure to refrigerant. Always consult local codes to ensure proper design.

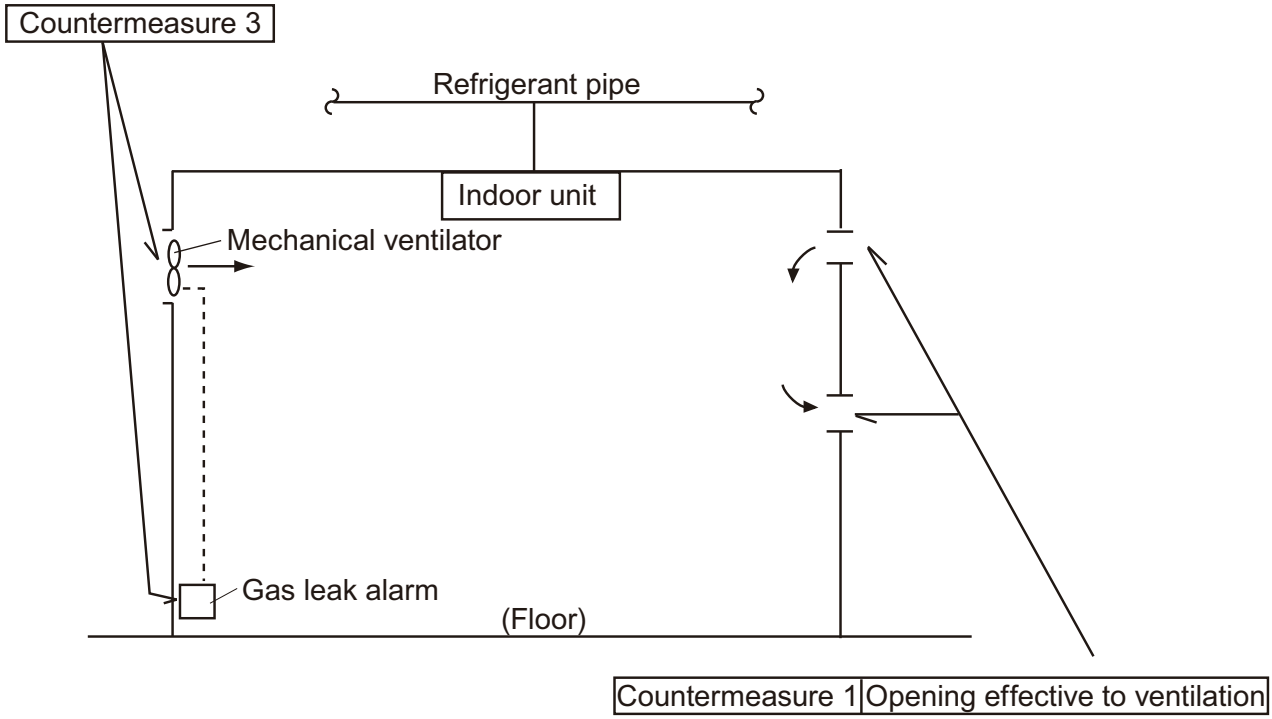
- **Countermeasure 1**
  Provide opening for ventilation.
  Provide 0.15% or more opening to floor space both above and below, or provide opening without door.

- **Countermeasure 2**
  Reduce the total refrigerant charging amount of the refrigerant equipment.
  – Shorten the length of the refrigerant pipes.
    Move the location of the outdoor unit closer to the indoor unit, and reduce the total refrigerant charging amount by shortening the length of the refrigerant pipes.

  – Lower the capacity of the outdoor unit.
    Separate the outdoor unit into multiple units to lower the outdoor unit capacity for each refrigerant system and reduce the refrigerant charge.

    For example, by changing a 20 HP × 1 unit system to a 10 HP × 2 units system, the refrigerant amount for each refrigerant system can be reduced by about half.

- **Countermeasure 3**
  Provide gas leak alarm linked with mechanical ventilator. If using the mechanical ventilator, the backup power supply is required.




Pay special attention to the place, such as a basement, etc. Since refrigerant is heavier than air, refrigerant may accumulate.

NOTES

NOTES

# 2. Installation precautions

## 2-1. Indoor unit installation precautions

**NOTE:** The information listed below are general precautions.
Some models also include items that do not apply.

### ■ Places where prohibited for use

- Places where there is a danger of combustible gas leakage.
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated.
- Places where there is a lot of oil splash and steam such as kitchen or machinery room.
- Places where machinery which generates high frequencies is used.
- Ocean beaches and other areas where there is a lot of salt.
- Places where carbon fibers or any kind of powder suspended in the air.
- Inside of vehicles, ships, and other conveyances.
- Places where voltage fluctuations are large such as a factory.

NOTES

NOTES

# ■ Points to remember when installing

- The product shall be installed at a place which can withstand the weight and vibration of the indoor.
- To allow maintenance after refrigerant piping, drain piping, and the connection/installation of electric wiring, provide an maintenance space and an inspection port, as required.
  Maintenance space is shown in "Dimensions" in Chapter 4. INDOOR UNITS on page 04-38.
- Be careful when installing the unit at the following places.

| Condition | Contents | Countermeasures (Reference) |
|---|---|---|
| When the ceiling is high. | If the indoor unit is installed where the installation height given in the installation manual is exceeded, the temperature difference between the floor and ceiling of the room will be large and the heating effect will be poor. Moreover, even if the indoor unit is installed within the installation height, a similar phenomena will occur when installed in a room in which the doors are opened and closed frequently and hot air circulation is obstructed by furniture such as desks or chairs. | 1. Switch the setting to the high ceiling mode.<br>2. Install a circulator.<br>3. Arrange the furniture in the room so that it does not obstruct the hot air. |
| When lower level directly contacts the outside air. | When the lower level of the room is a semi-open space such as warehouse or parking lot the surface temperature of the flooring will become low and the radiation of cold from the floor will increase.<br>In this case, even if the room temperature is suitable, you may feel the foot level is cold. | |
| When the airflow distribution is poor. | When an indoor unit is installed in a position where the outlet airflow will directly contact people, a draft may be felt.<br>In addition, when there are obstructions in the path of the intake and outlet airflow, the air distribution may become extremely bad. | 1. Adjust the louver fins or take other measures matched to the site.<br>2. Change the indoor unit outlet. |
| When inside the ceiling is high temperature and high humidity. | When the indoor unit is installed where the inside of the ceiling is 30 °C RH80% or greater, the dew point temperature of the outer perimeter may become higher than the cabinet surface temperature and moisture will condense on the surface of the cabinet and water drops may fall inside the room. ("Figure 2-1 **Moist air curve**")<br>In addition, the humidity may vary considerably the same as when the inside of the ceiling is close to hermetically sealed and used as the outside air intake path. | 1. Add heat insulating material to the outside of the indoor unit cabinet.<br>*Regarding the cassette type, use of optional High humidity correspondence kit is recommended.<br>2. Strengthen the heat insulating material of the refrigerant pipe and drain pipe too. ("Figure 2-2 **Work method when reinforcing the heat insulation of on-site piping**")<br>3. When the humidity inside the ceiling changes considerably, install a ventilation port. |
| When using an external duct. | When using an external duct to take in new fresh air, etc., condensation may form on the surface of the duct due to the effect of the outside air temperature and the humidity inside the ceiling. | Always perform heat insulation processing.<br>(Heat insulating material: Glass wool 25 mm thick or more.) |
| When the remote controller installation site is bad. | If the cold or warm air blown out from the air conditioner directly contacts the thermostat section of the remote controller, the outlet temperature of the air conditioner may be sensed and room temperature control will be different from the room temperature, and “not cooled” or “not heated” or other trouble may occur.<br>In addition, there is the possibility that the same kind of trouble may also occur when the remote controller is effected by direct sunlight. | 1. Install the remote controller where it will not be directly exposed to the cold or hot air.<br>2. Install the remote controller where it will not be directly exposed to sunlight or strong lighting. |


NOTES

| Condition | Contents | Countermeasures (Reference) |
|---|---|---|
| When installation environment is quiet. | When the wall-mounted type was installed in a bedroom, living room, or other quiet place, the sound of the refrigerant flow may be sensed as noise and must be taken into account. | 1. Plan installation of a model with external expansion valve.<br>2. Plan installation of a branch box farther from indoor unit.<br>3. Plan installation using another air conditioner. |
| When installing duct type in ceiling chamber system. | In the case of the ceiling chamber system (duct is not installed at indoor unit inlet side and room air is sucked into the indoor unit through the inside of the ceiling), the thermistor inside the indoor unit may not correctly detect the room temperature.<br>• Heating operation: Room is not heated because the indoor unit is easily turned off by the thermostat.<br>• Cooling operation: Room is too cold because the indoor unit is difficult to turn off by the thermostat. | Replace the indoor unit thermistor with optional remote sensor unit, and install the sensor where the room temperature can be correctly detected. |
| When the outlet air is sucked in at duct type. | Cooling operation does not cool the room and heating operation does not heat the room because the short circuited indoor unit is not turned on by the thermostat. | 1. Reconsider the ventilation port construction.<br>2. Replace the indoor unit thermistor with optional Remote sensor unit, and install the sensor where the room temperature can be correctly detected. |
| When using the wireless remote controller. | Signals may not be received when using it in a room illuminated by an inverter fluorescent lamp. | Turn on the fluorescent lamp and check if the indoor unit receives the signals from the remote controller. If the indoor unit does not receive the signals, consult an authorized service personnel. |
| When installing the inverter type. | It may generate noise in TV sets, stereos and PCs. | The inverter type should be installed at a sufficient distance from these equipments. |

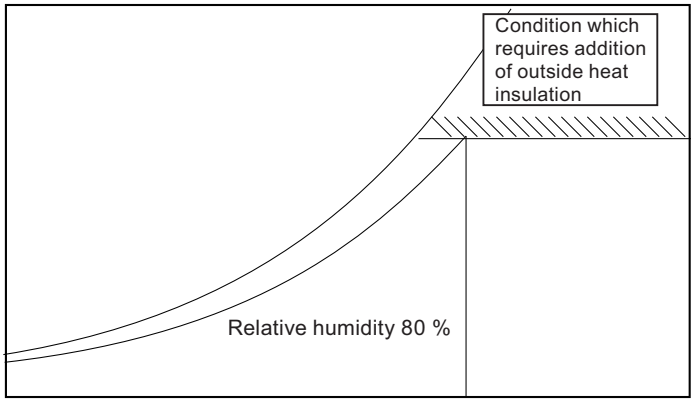



Figure 2-1 **Moist air curve**

NOTES

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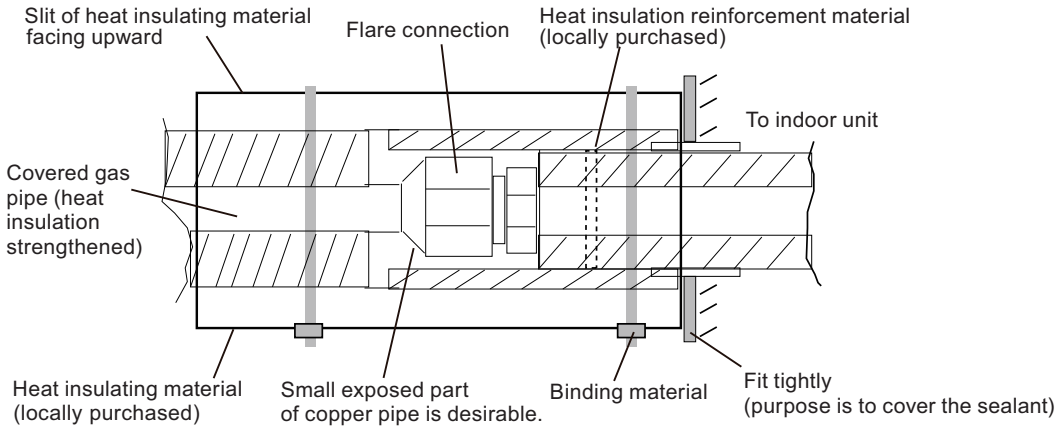


Figure 2-2 **Work method when reinforcing the heat insulation of on-site piping**

NOTES

NOTES

# 2-2. Outdoor unit installation precautions

**NOTE:** The information listed below are general precautions.
Some models also include items that do not apply.

## ■ Places where prohibited for use

- Places where there is a danger of combustible gas leakage.
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated.
- Places affected by heat radiation from other heat sources.
- Places where the air is stagnant.
- Places where machinery which generates high frequencies is used.
- Ocean beaches and other areas where there is a lot of salt.
- Inside of vehicles, ships, and other conveyances.
- Places where voltage fluctuations are large such as a factory.

## ■ Points to remember when installing

- The product shall be installed at a place which can withstand the weight and vibration of the outdoor unit.
- To allow maintenance after refrigerant piping, drain piping, and the connection/installation of electric wiring, provide an maintenance space.
  Maintenance space is shown in "Installation space" in Chapter 3. OUTDOOR UNITS on page 03-28.
- Be careful when installing the set at the following places.

| Condition | Contents | Countermeasures (Reference) |
|---|---|---|
| When installed near adjacent houses. | Perform installation work so that operating sound does not disturb the neighbors. | 1. Install a soundproof barrier.<br>2. Change the installation site. |
| When there is the possibility of strong wind. | • If the outdoor unit is exposed to strong wind, capacity may drop, frost may form during heating, and operation may be stopped by high pressure rise. In addition, when a very strong wind blows, the fan may be damaged.<br>• When a very strong wind blows, there is the possibility of the outdoor unit being toppled over if held only by foundation bolts. | 1. Install the outdoor unit with keeping a sufficient distance between the outlet side of the unit and a facing wall or fence.<br>2. Make the outlet direction and wind direction perpendicular.<br>3. Fasten the outdoor unit using toppling prevention hardware (purchased locally). |
| When snow accumulates. | If the outdoor unit is covered by accumulated snow, it may not be able to operate. | 1. Make the foundation as high as possible.<br>2. Perform snow prevention work. |
| When installing the inverter type. | It may generate noise in TV sets, stereos and PCs. | The inverter type should be installed at a sufficient distance from these equipments. |

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# 3. Compatibility of VRF system

**RELATED LINKS**

"Outdoor unit and indoor unit lineup" in Chapter 1. GENERAL INFORMATION on page 01-1
"Optional parts" in Chapter 1. GENERAL INFORMATION on page 01-10
"Indoor unit type and applicable control method" in Chapter 5. CONTROL SYSTEM on page 05-8
"Applicable parts" in Chapter 10. OPTIONAL PARTS on page 10-73

## 3-1. Compatibility of controller system

### • Central controller

| Exterior | Part name | Model name | All series of outdoor unit |
|---|---|---|---|
| | System Controller | UTY-APGXZ1 | ○<br>OK* |
| | System Controller Lite | UTY-ALGXZ1 | ○<br>OK |
| | Touch Panel Controller | UTY-DTG∗Z1 | ○<br>OK |
| | Central Remote Controller | UTY-DCG∗Z3 | ○<br>OK |

*: Different VRF series may be connected for each of the 4 VRF networks supported by the product, but different series may not coexist within the same network. (VR-IV, J-IV, J-IVS, J-VS, J-IVL, VR-II, V-III, J-III, J-IIS, and J-IIIL can exist together in same network. V and S can exist together in same network, too.)

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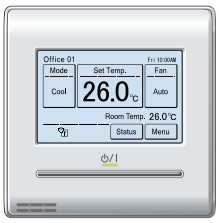
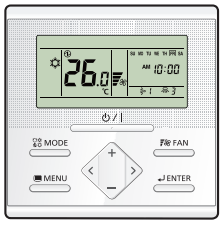
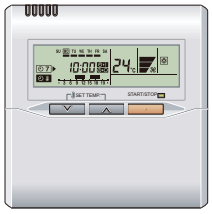
## • Individual controller

| Exterior | Part name | Model name | All series of outdoor unit |
|---|---|---|---|
| | Wired Remote Controller (Touch Panel) | UTY-RVR∗ | ○<br>OK* |
|  | Wired Remote Controller (Touch Panel) | UTY-RNR∗Z∗ | ○<br>OK* |
|  | Wired Remote Controller | UTY-RLR∗ | ○<br>OK* |
| | Wired Remote Controller | UTY-RCR∗Z1 | ○<br>OK |
|  | Wired Remote Controller | UTY-RNK∗ | ○<br>OK |
| | Simple Remote Controller | UTY-RSR∗ | ○<br>OK |
| | Simple Remote Controller (Without operation mode) | UTY-RHR∗ | ○<br>OK |

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| Exterior | Part name | Model name | All series of outdoor unit |
|---|---|---|---|
| | Simple Remote Controller | UTY-RSK∗ | ○<br>OK |
| | Simple Remote Controller (Without operation mode) | UTY-RHK∗ | ○<br>OK |
| | Wireless Remote Controller | UTY-LNH∗ | ○<br>OK |

*: It is not connectable with indoor units of previous model.

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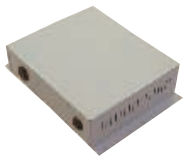
# 3-2. Compatibility of adapter/convertor/maintenance tool

| Exterior | Part name | Model name | All series of outdoor unit |
|---|---|---|---|
| | Network Converter | UTY-VTGX | ○<br>OK |
| | Network Converter (AC Power Supply) | UTY-VTGXV | ○<br>OK |
| | Network Converter for LonWorks | UTY-VLGX | ○<br>OK |
| | KNX Convertor for VRF | UTY-VKGX | ○<br>OK |
| | KNX Convertor for Indoor Unit | UTY-VKSX | ○<br>OK*1 |
| | Modbus Converter for VRF | UTY-VMGX | ○<br>OK |
| | Modbus Converter for Indoor Unit | UTY-VMSX | ○<br>OK*1 |
| | BACnet Gateway (Hardware) | UTY-VBGX | ○<br>OK |
| | BACnet Gateway (Software) | UTY-ABGXZ1 | ○<br>OK*2 |
| | WLAN Adapter | UTY-TFSXZ1 | ○<br>OK*1 |

NOTES

NOTES

| Exterior | Part name | Model name | All series of outdoor unit |
|---|---|---|---|
|  | Signal Amplifier | UTY-VSGXZ1 | ○<br>OK |
| | External Switch Controller | UTY-TERX | ○<br>OK |
| | External Switch Controller | UTY-TEKX | ○<br>OK |
| | Service Tool | UTY-ASGXZ1 | ○<br>OK |
| | Web Monitoring Tool | UTY-AMGXZ1 | ○<br>OK*2 |

- *1: Following indoor units cannot be connected.
  - 4-way flow cassette type
  - High efficiency duct type
- *2: Different VRF series may be connected for each of the 4 VRF networks supported by the product, but different series may not coexist within the same network. (VR-IV, J-IV, J-IVS, J-VS, J-IVL, VR-II, V-III, J-III, J-IIS, and J-IIIL can exist together in same network. V and S can exist together in same network, too.)

NOTES

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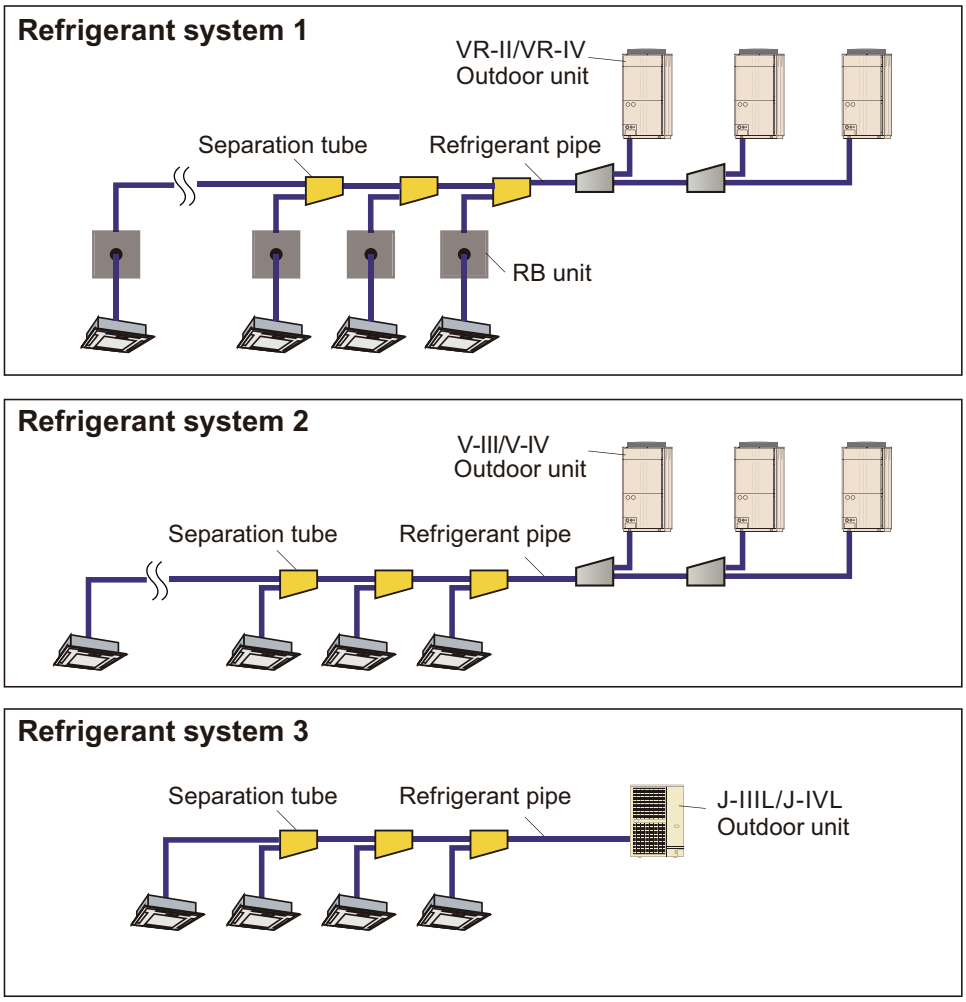
# 4. About connection between series

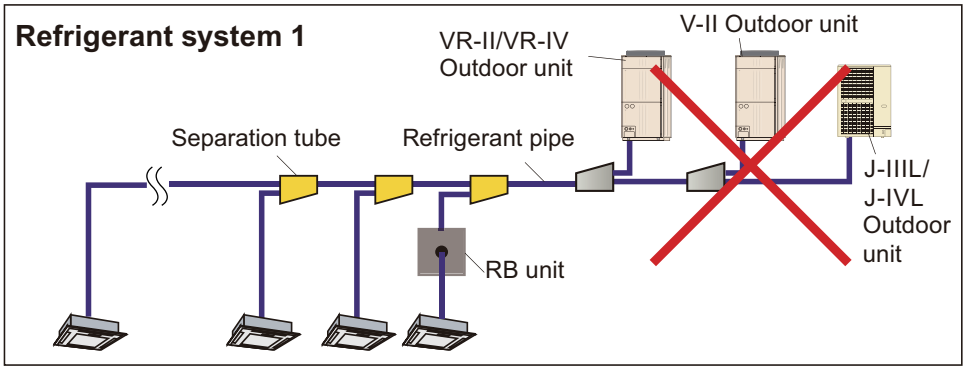
## 4-1. Piping connection

**NOTE:** Connection over different series in same refrigerant system is prohibited.

- **Example 1 (OK)**




- **Example 2 (Prohibited)**




NOTES

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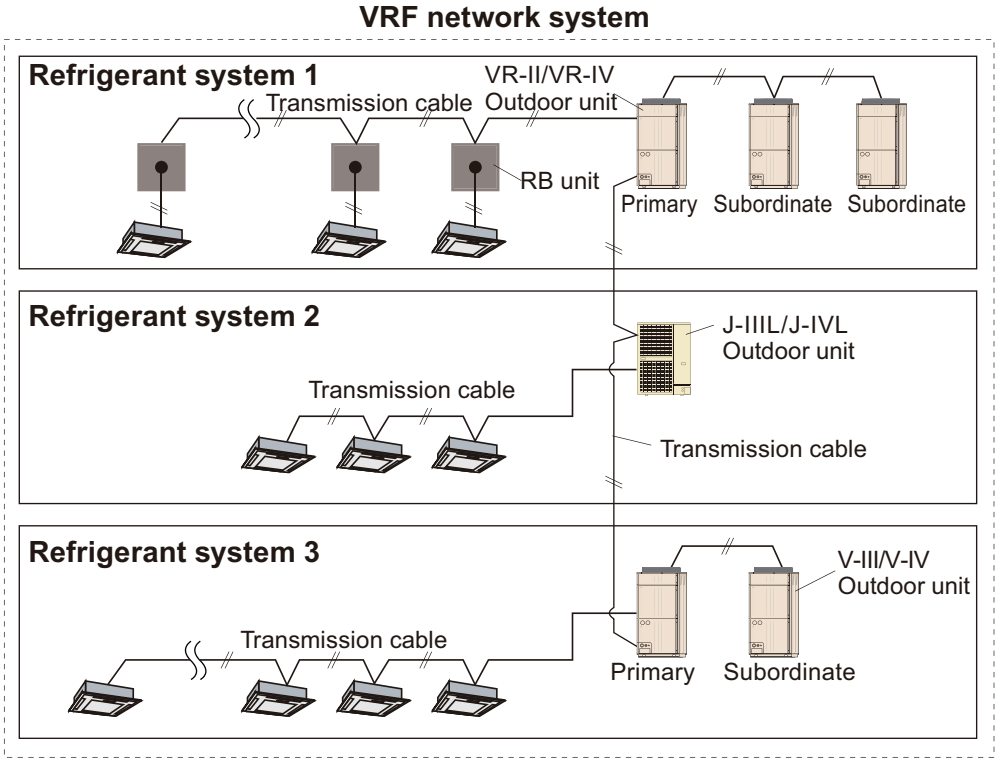
# 4-2. Wiring connection

**NOTE:** Connection over different series in same refrigerant system is prohibited.

## • Example 1 (OK)

When wiring to each refrigerant system



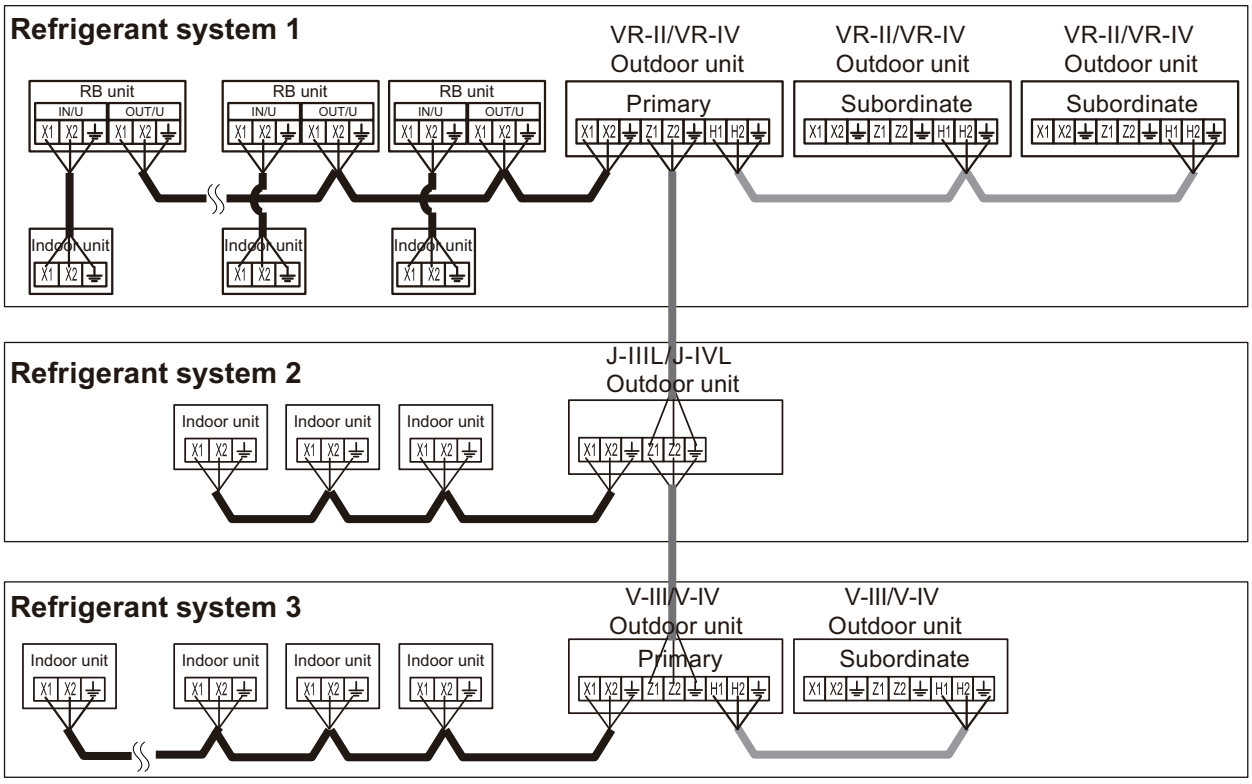




Figure 4-4 **Connection method to terminal**

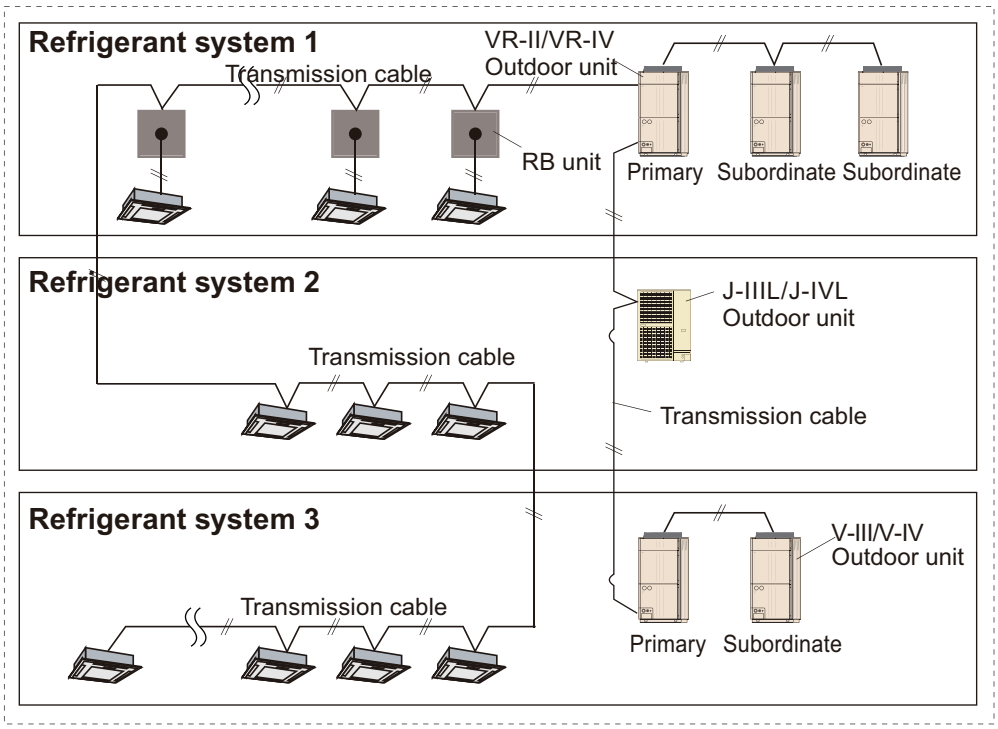
NOTES

NOTES

## • Example 2 (OK)

When stepping over, and wiring to the refrigerant system

**VRF network system**



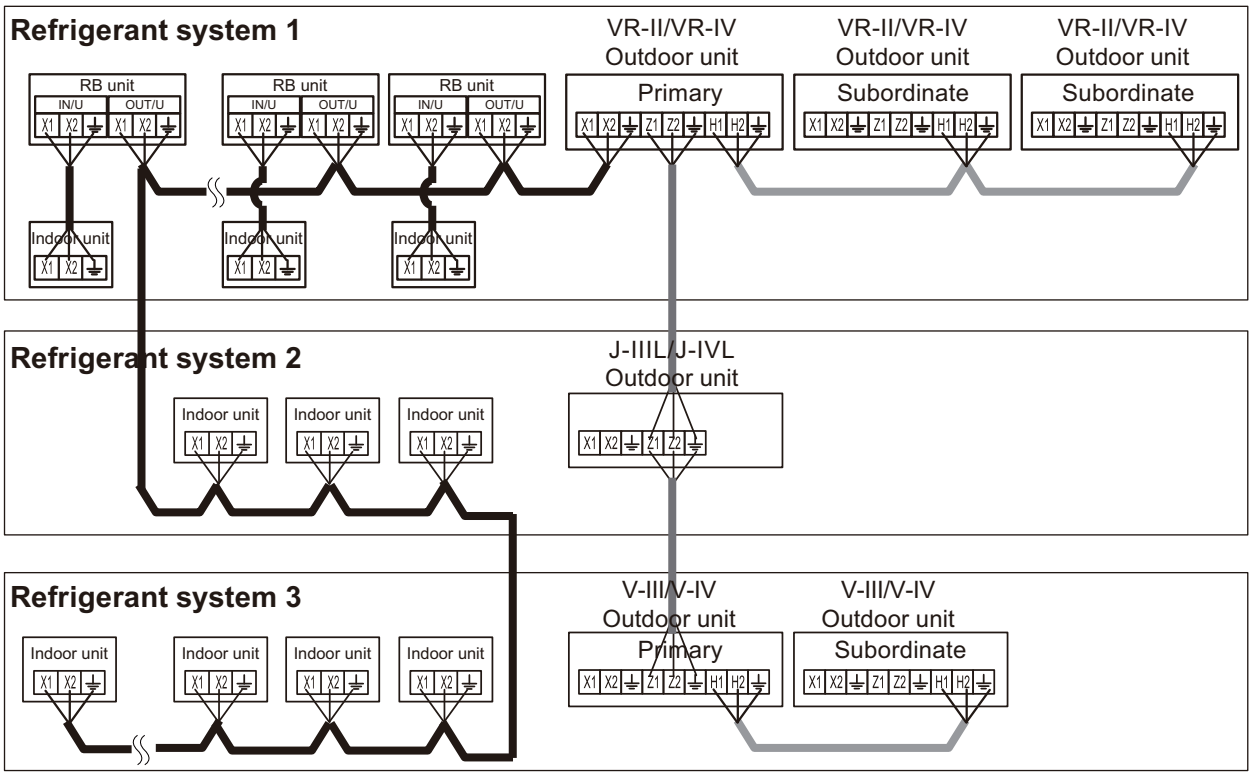




Figure 4-6 **Connection method to terminal**

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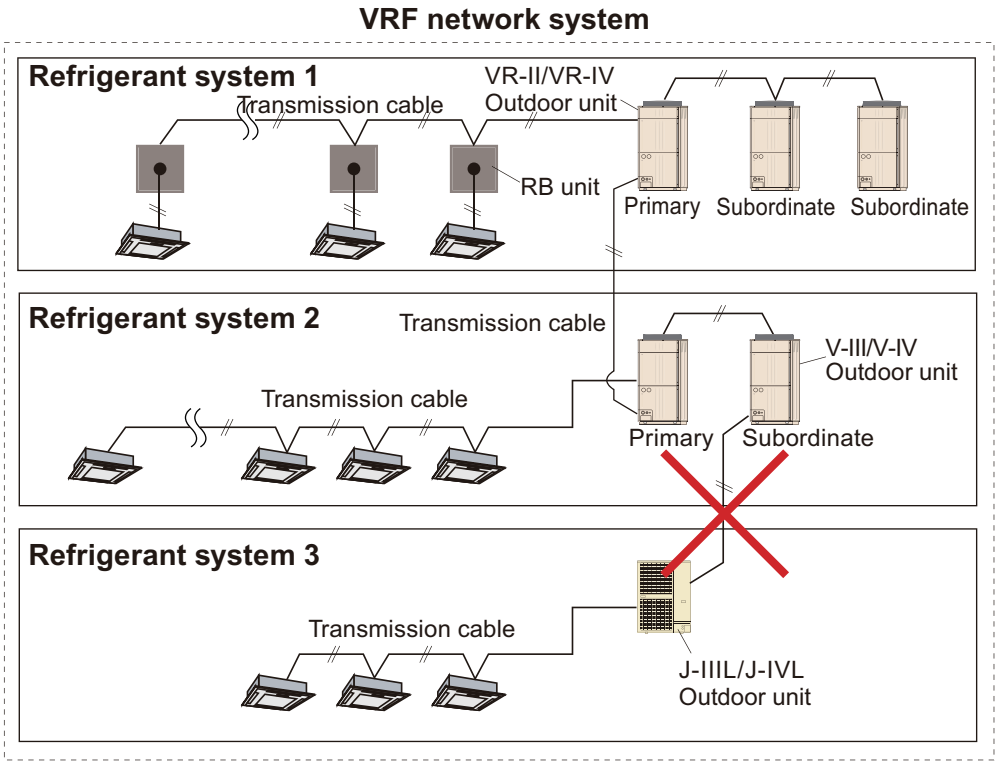
## • Example 3 (Prohibited)

**NOTE:** Subordinate units of V series and J series cannot be connected.



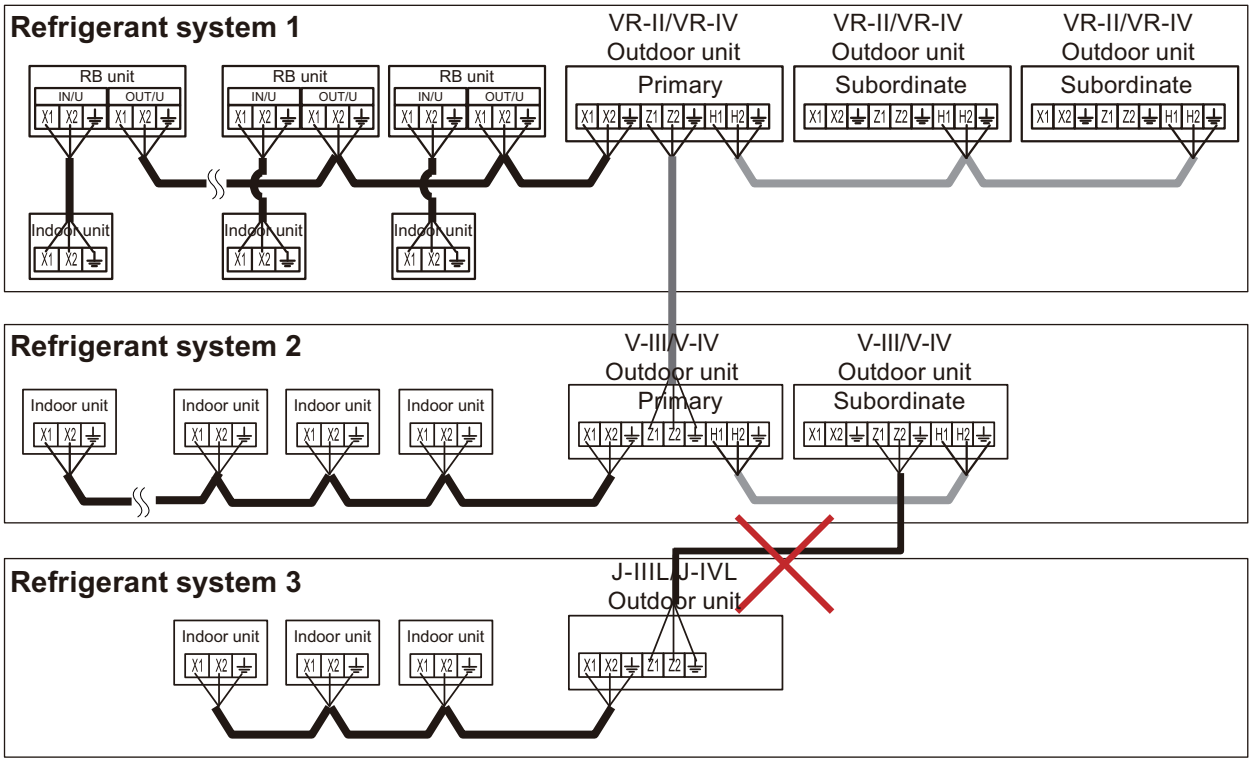




Figure 4-8 **Connection method to terminal**

NOTES

NOTES

Refrigerant R410A
INVERTER

AIRSTAGE

# 10. OPTIONAL PARTS

2024.12.25
DV_CH10_CM0001EF_07

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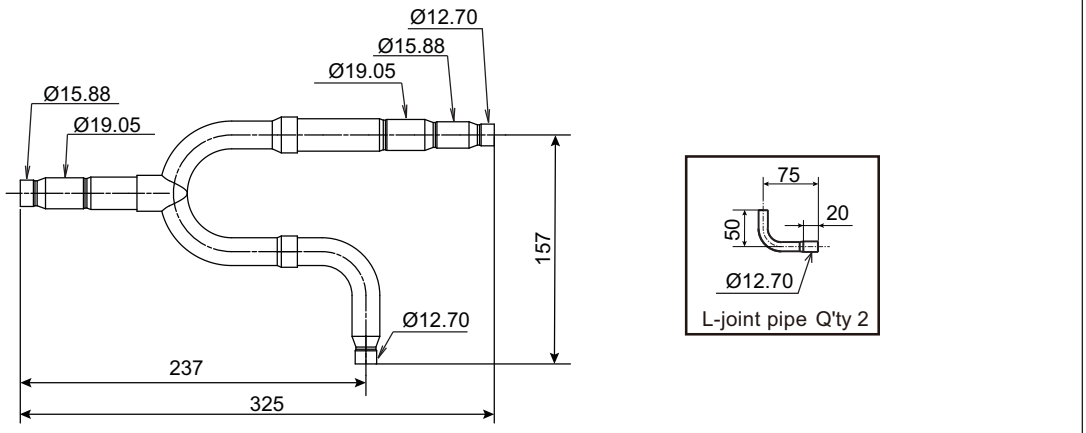
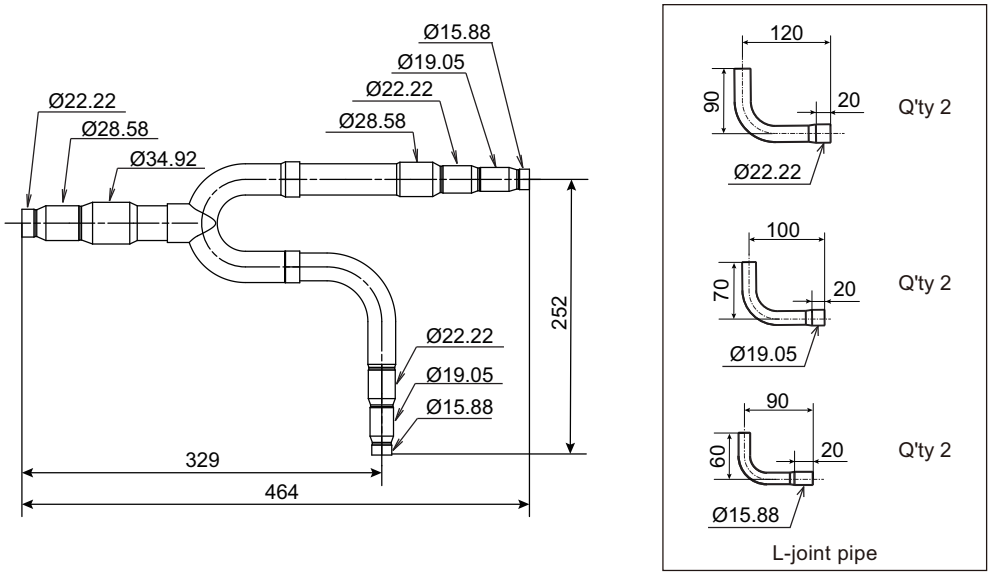
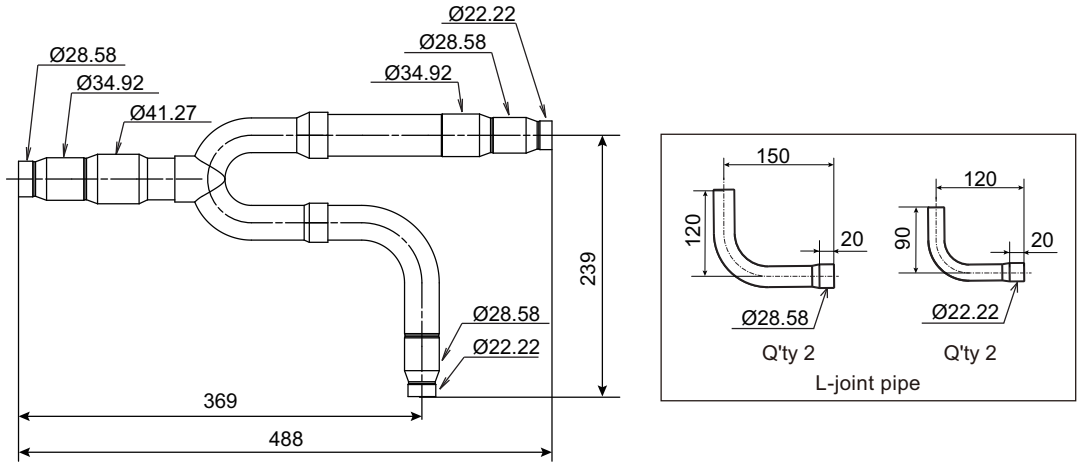
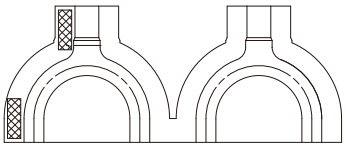
# 1. Outdoor Unit Branch Kit

## 1-1. Model: UTP-DX567A

Unit: mm

| Exterior | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Discharge gas pipe | 1 |
|  | Suction gas pipe | 1 |

| Exterior | Part name | Q'ty |
|---|---|---|
|  <br>For liquid pipe × 1<br>For discharge gas pipe × 1<br>For suction gas pipe × 1 | Heat insulation | 3 |
| | Tape | 8 |

# 2. EV Kit

## 2-1. Applicable models

| Model | Applicable indoor unit | |
|---|---|---|
| | Type | Model |
| UTR-EV09XB | Wall mounted | AS∗E004GCEH, AS∗E007GCEH, AS∗E009GCEH |
| | Compact floor | AG∗E004GCEH, AG∗E007GCEH, AG∗E009GCEH |
| UTR-EV14XB | Wall mounted | AS∗E012GCEH, AS∗E014GCEH |
| | Compact floor | AG∗E012GCEH, AG∗E014GCEH |

## 2-2. Specifications

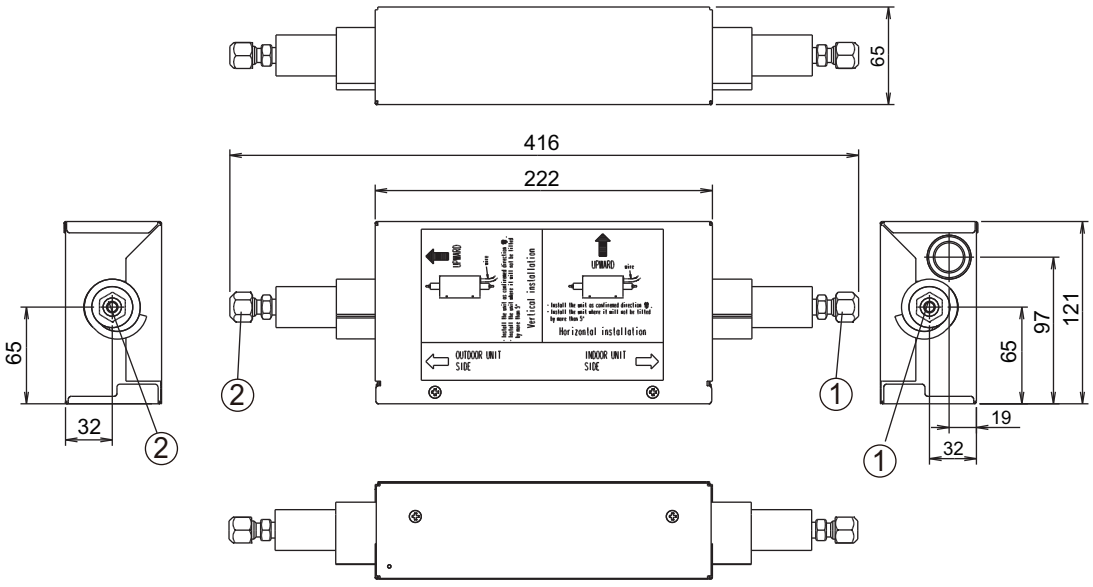
| Model name | | UTR-EV09XB | UTR-EV14XB |
|---|---|---|---|
| Dimensions (H × W × D) | mm | 121 × 416 × 65 | |
| Weight | g | 1,500 | |
| Connection wire length method | m | 5 | |

## 2-3. Dimensions

### ■ Models: UTR-EV09XB and UTR-EV14XB

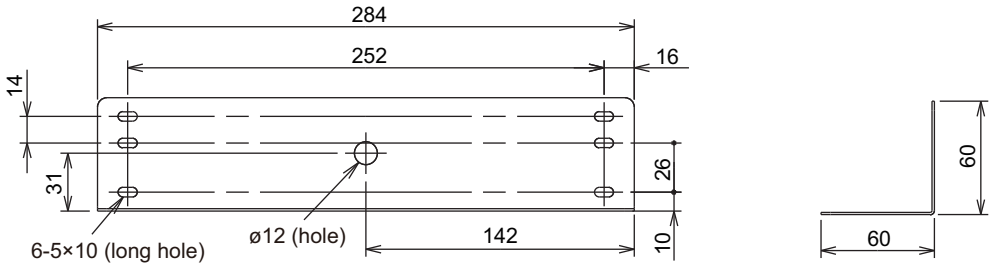
Unit: mm

- **EV kit**

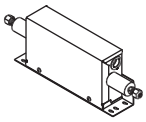



| | | | |
|---|---|---|---|
| ① | Refrigerant pipe flare connection (liquid pipe) | Indoor unit side | ø 6.35 mm |
| ② | | Outdoor unit side | ø 6.35 mm |

- **Hanger**




# 2-4. Accessories

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| EV kit |  | 1 | Cable tie (Large) | | 5 |
| M10 nut A (with flange) | | 1 | Cable tie (Small) | | 2 |
| M10 nut B (with spring lock washer) | | 1 | Coupler heat insulation | | 2 |
| Screw | | 4 | Tube | | 1 |

# 3. RB Unit

## 3-1. Specifications

| Model name | | | | UTP-RX01AH | UTP-RX01BH | UTP-RX01CH |
|---|---|---|---|---|---|---|
| Power supply | | | | 230 V ~ 50 Hz | | |
| Available voltage range | | | | 198—264 V | | |
| Number of branches | | | | 1 | | |
| Max number of connectable indoor units per branch | | | | 7 | 8 | |
| Max capacity of connectable indoor units (Q) | | | kW | Q ≤ 8.0 | Q ≤ 18.0 | Q ≤ 28.0 |
| Max capacity of connectable indoor units per branch (Q) | | | kW | Q ≤ 8.0 | Q ≤ 18.0 | Q ≤ 28.0 |
| Input power | | | W | 17 | 24 | 31 |
| Running current | | | A | 0.11 | 0.16 | 0.22 |
| Refrigerant type | | | | R410A | | |
| Dimensions (H × W × D) | | Net | mm | 198 × 298 × 268 | | |
| | | Gross | | 262 × 833 × 374 | | |
| Weight | | Net | kg | 7.0 | 7.5 | 8.0 |
| | | Gross | | 9.5 | 10.5 | 11.0 |
| Connection pipe size | Outdoor unit side | Liquid | mm (in) | None | | |
| | | Discharge gas pipe | | Ø 9.52 (Ø 3/8) | Ø 12.70 (Ø 1/2) | Ø 19.05 (Ø 3/4) |
| | | Suction gas pipe | | Ø 12.70 (Ø 1/2) | Ø 19.05 (Ø 3/4) | Ø 22.22 (Ø 7/8) |
| | Indoor unit side | Liquid | | None | | |
| | | Gas pipe | | Ø 12.70 (Ø 1/2) | Ø 19.05 (Ø 3/4) | Ø 22.22 (Ø 7/8) |
| Connection pipe method | | | | Brazing | | |
| Operation range | | | °C | -15 to 46 | | |
| | | | %RH | 80 or less | | |

| Model name | | | | UTP-RX04BH |
|---|---|---|---|---|
| Power supply | | | | 230 V ~ 50 Hz |
| Available voltage range | | | | 198—264 V |
| Number of branches | | | | 4 |
| Max number of connectable indoor units per branch | | | | 8 |
| Max capacity of connectable indoor units (Q) | | | kW | Q ≤ 56.1* |
| Max capacity of connectable indoor units per branch (Q) | | | kW | Q ≤ 18.0 |
| Input power | | | W | 96 |
| Running current | | | A | 0.64 |
| Refrigerant type | | | | R410A |
| Dimensions (H × W × D) | | Net | mm | 260 × 658 × 428 |
| | | Gross | | 348 × 1,250 × 775 |
| Weight | | Net | kg | 31.5 |
| | | Gross | | 39.5 |
| Connection pipe size | Outdoor unit side | Liquid | mm (in) | Ø 15.88 (Ø 5/8) |
| | | Discharge gas pipe | | Ø 22.22 (Ø 7/8) |
| | | Suction gas pipe | | Ø 28.58 (Ø 1-1/8) |
| | Indoor unit side | Liquid | | Ø 9.52 (Ø 3/8) |
| | | Gas pipe | | Ø 19.05 (Ø 3/4) |
| Connection pipe method | | | | Brazing |
| Operation range | | | °C | -15 to 46 |
| | | | %RH | 80 or less |

**NOTE:** *: In case of two RB units connected in series (total 8-branches), maximum capacity of connectable indoor units is up to 56.0 kW.

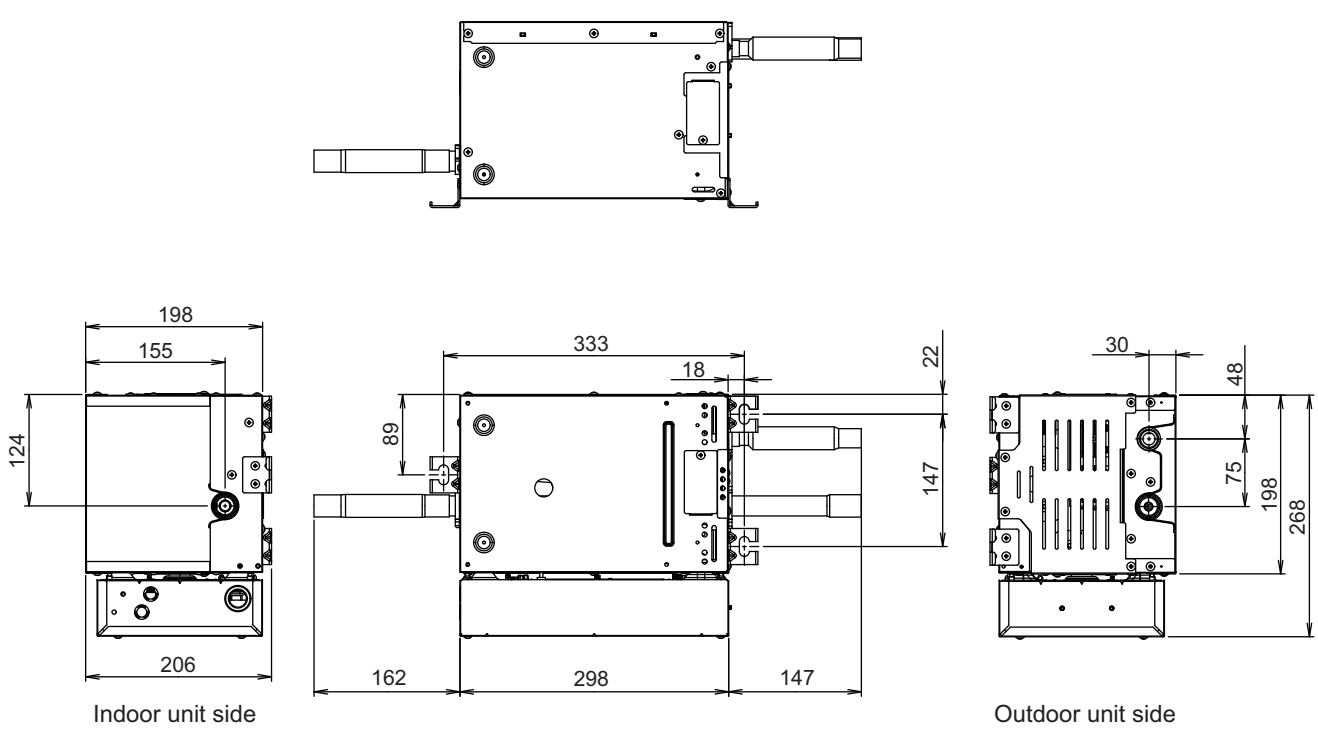
| Model name | | | | UTP-RX08AH | UTP-RX12AH |
|---|---|---|---|---|---|
| Power supply | | | | 230 V ~ 50 Hz | |
| Available voltage range | | | | 198—264 V | |
| Number of branches | | | | 8 | 12 |
| Max number of connectable indoor units per branch | | | | 7 | 7 |
| Max capacity of connectable indoor units (Q) | | | kW | Q ≤ 72.0 | Q ≤ 95.0 |
| Max capacity of connectable indoor units per branch (Q) | | | | Q ≤ 8.0* | Q ≤ 8.0* |
| Input power | | | W | 136 | 204 |
| Running current | | | A | 0.88 | 1.32 |
| Refrigerant type | | | | R410A | |
| Dimensions (H × W × D) | | Net | mm | 298 × 660 × 618 | 298 × 990 × 618 |
| | | Gross | | 402 × 1,388 × 992 | 402 × 1,718 × 992 |
| Weight | | Net | kg | 50.0 | 72.0 |
| | | Gross | | 62.0 | 85.0 |
| Connection pipe size | Outdoor unit side | Liquid | mm (in) | Ø 19.05 (Ø 3/4) | |
| | | Discharge gas pipe | | Ø 28.58 (Ø 1-1/8) | |
| | | Suction gas pipe | | Ø 34.92 (Ø 1-3/8) | |
| | Indoor unit side | Liquid | | Ø 9.52 (Ø 3/8) | |
| | | Gas pipe | | Ø 19.05 (Ø 3/4) | |
| Connection pipe method | | | | Brazing | |
| Operation range | | | °C | -15 to 46 | |
| | | | %RH | 80 or less | |

**NOTE:** *: In case of separation tube kit (UTP-EX060A, UTP-EX096A) connected, maximum capacity of connectable indoor units is up to 28.0 kW.

# 3-2. Dimensions

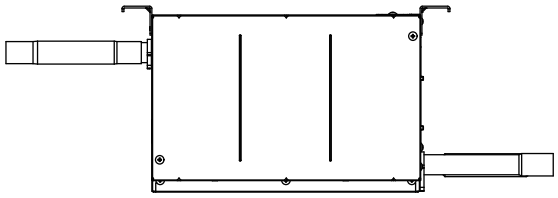
## ■ Models: UTP-RX01AH, UTP-RX01BH, and UTP-RX01CH

Unit: mm

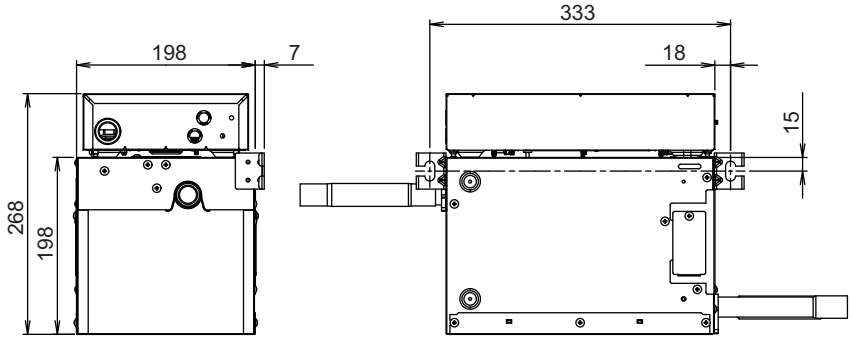



Indoor unit side

Outdoor unit side



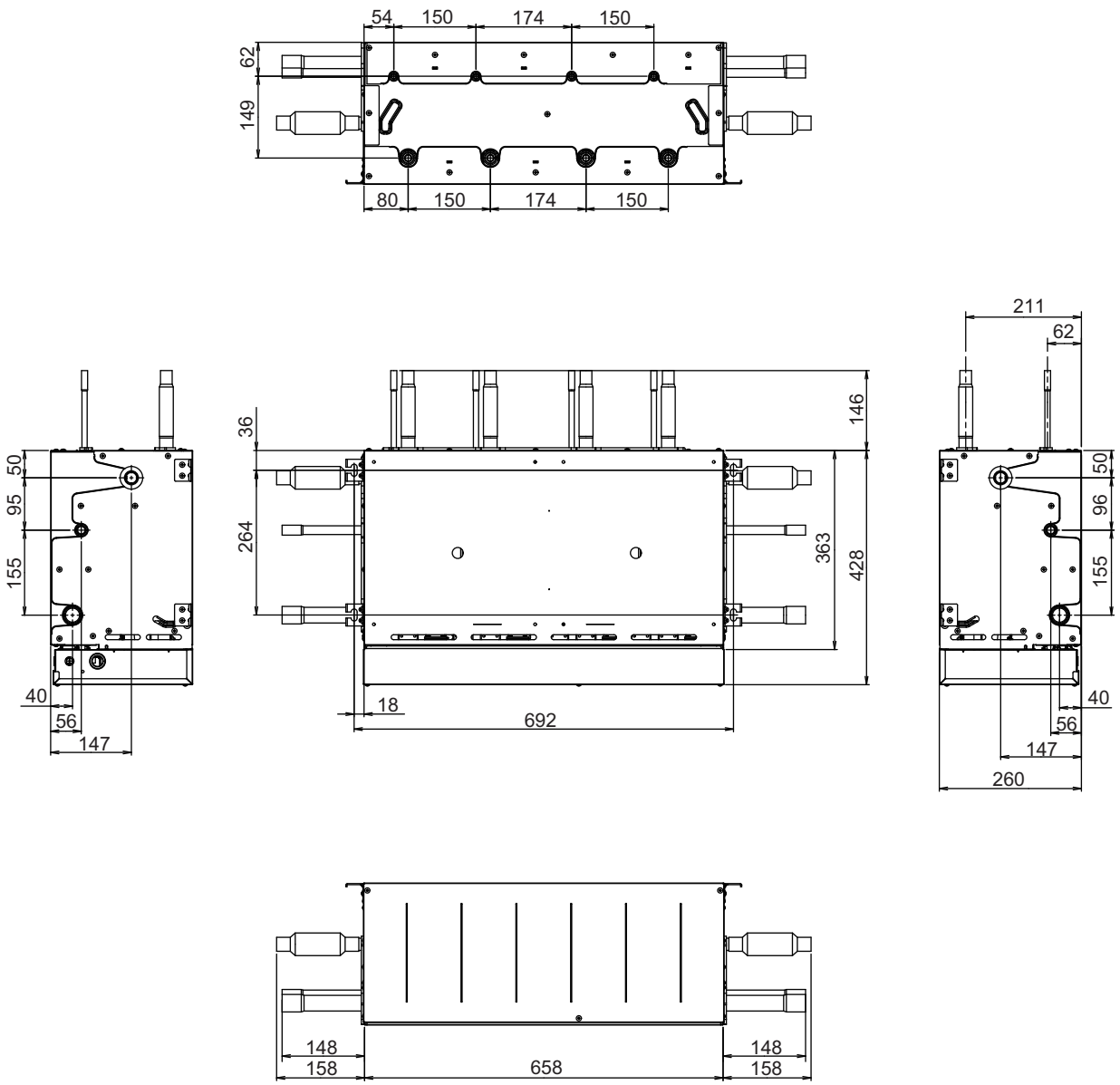
Ceiling hanging




Wall hanging

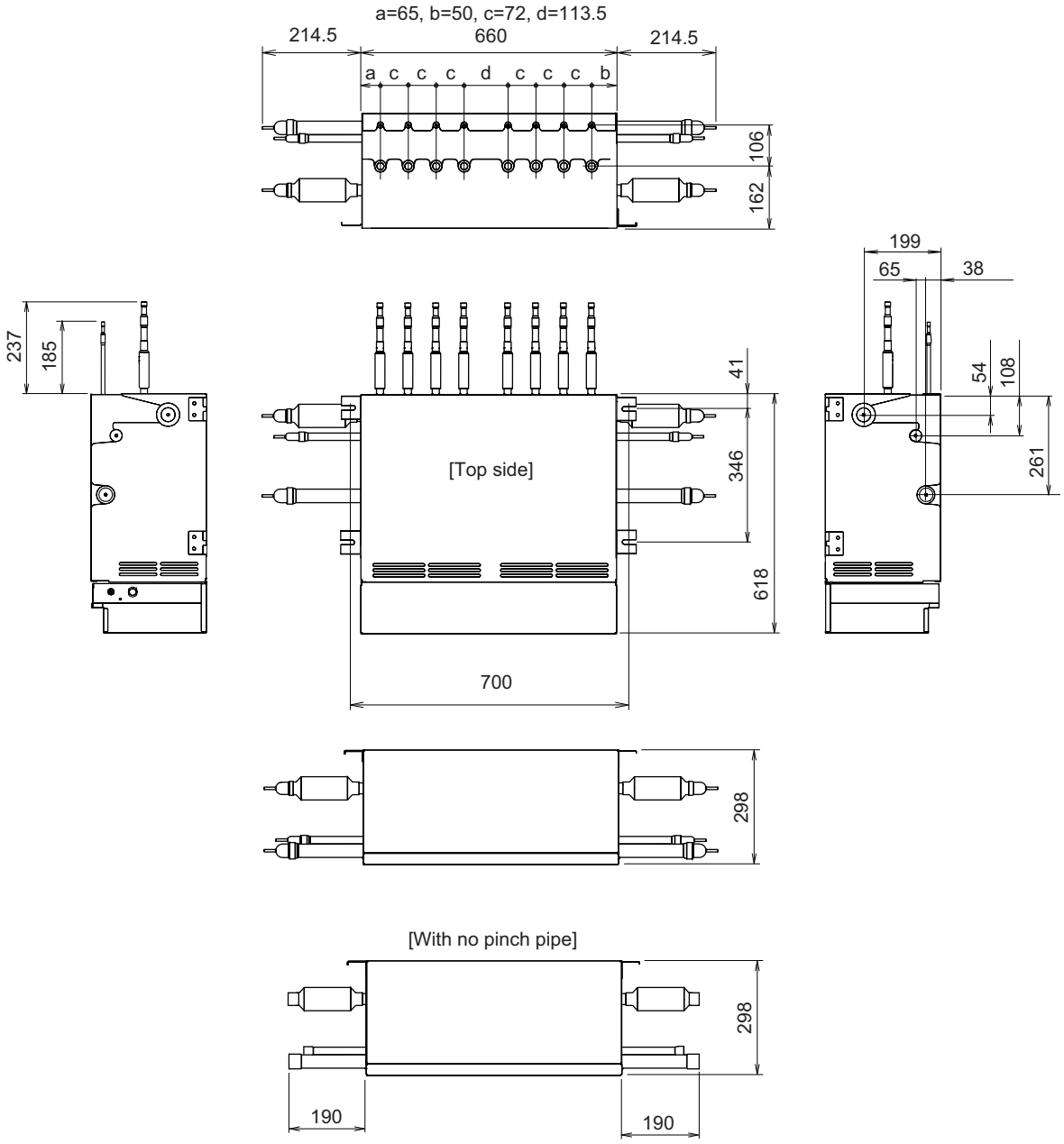
# ■ Model: UTP-RX04BH

Unit: mm



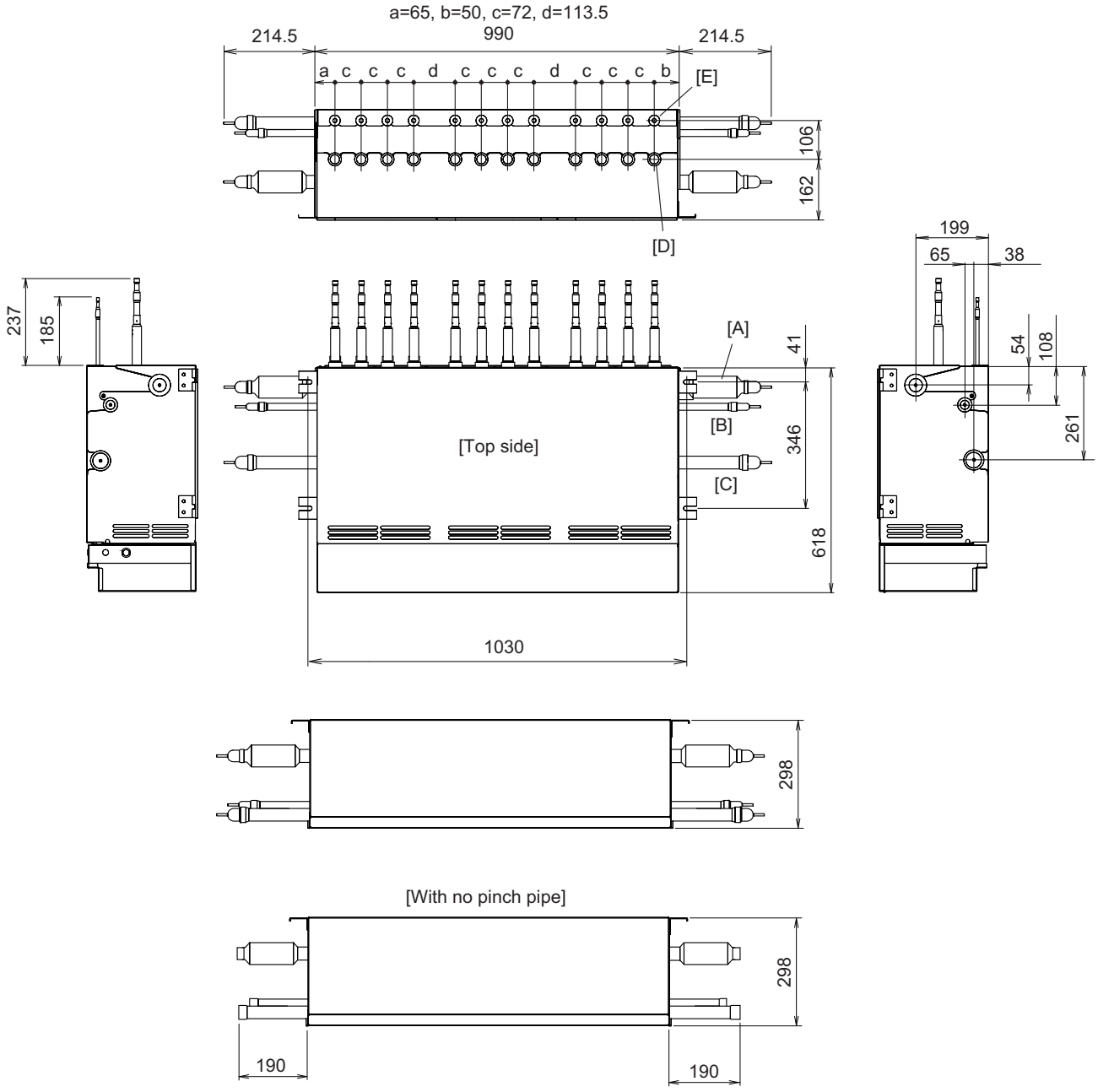
# ■ Model: UTP-RX08AH

Unit: mm



# ■ Model: UTP-RX12AH

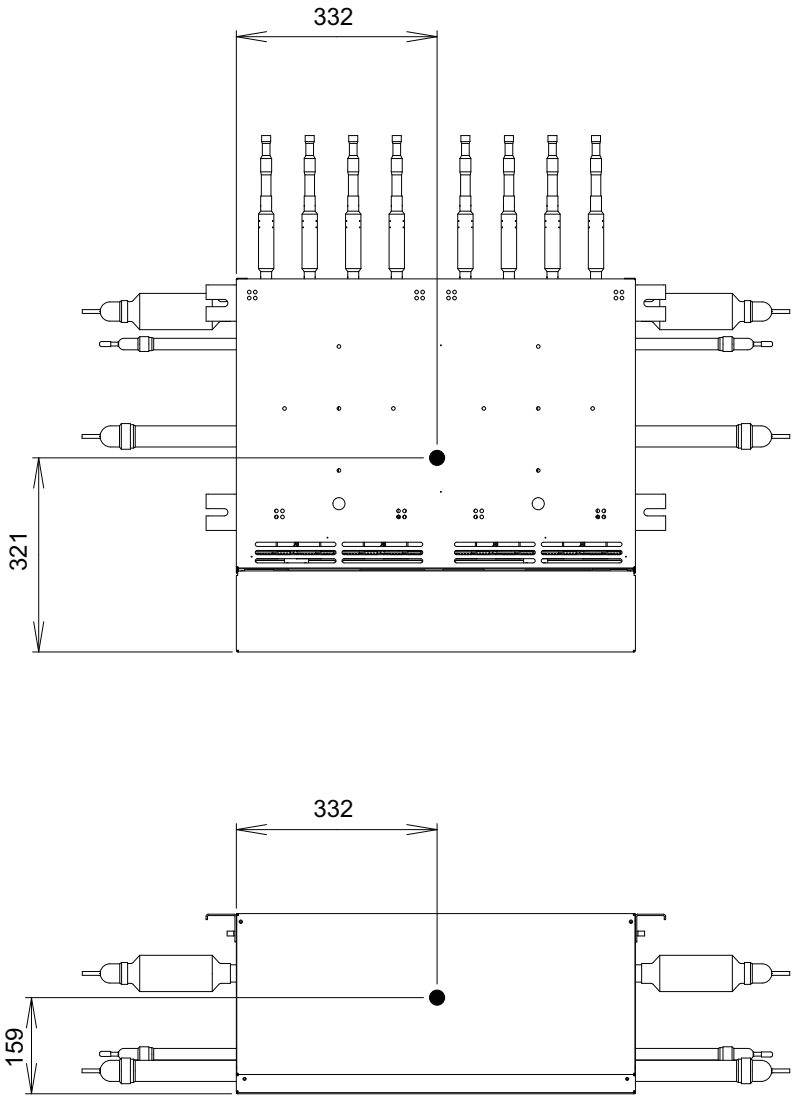
Unit: mm



# ■ Center of gravity position

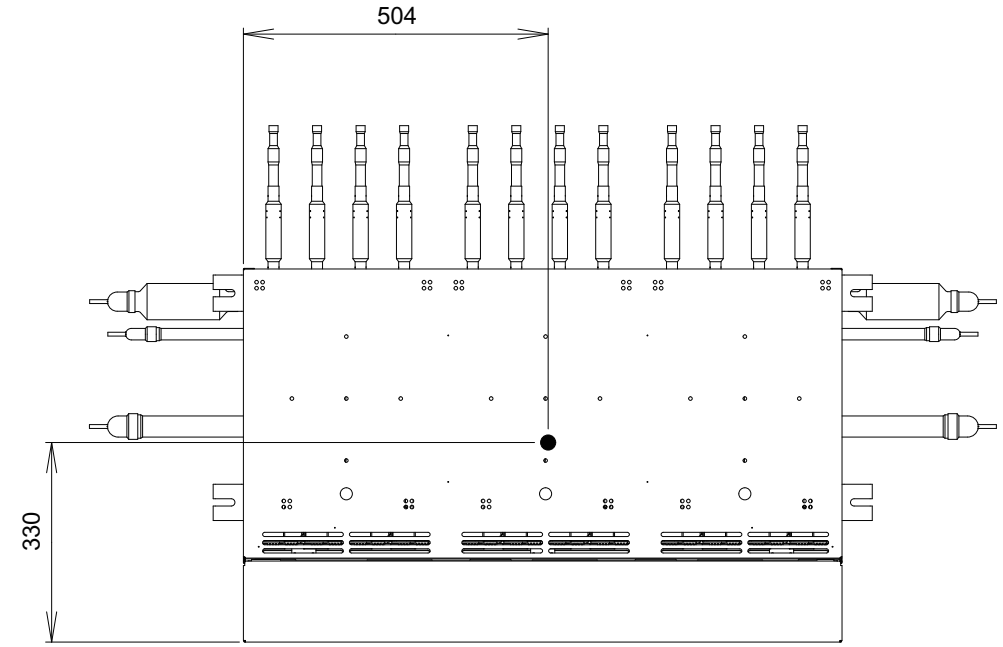
Unit: mm

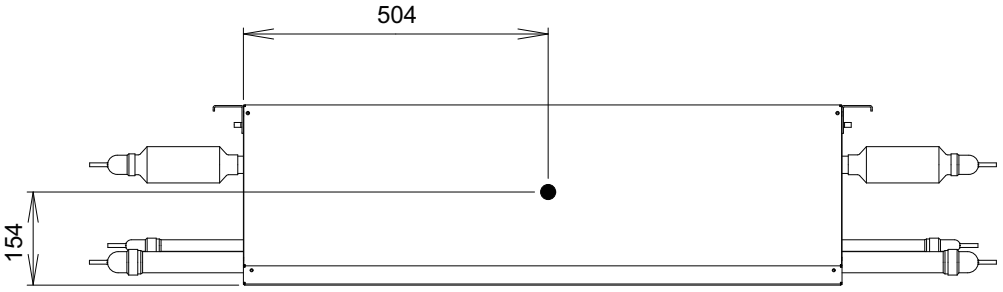
- **UTP-RX08AH**




●: Center of gravity

- **UTP-RX12AH**




●: Center of gravity

# 3-3. Installation

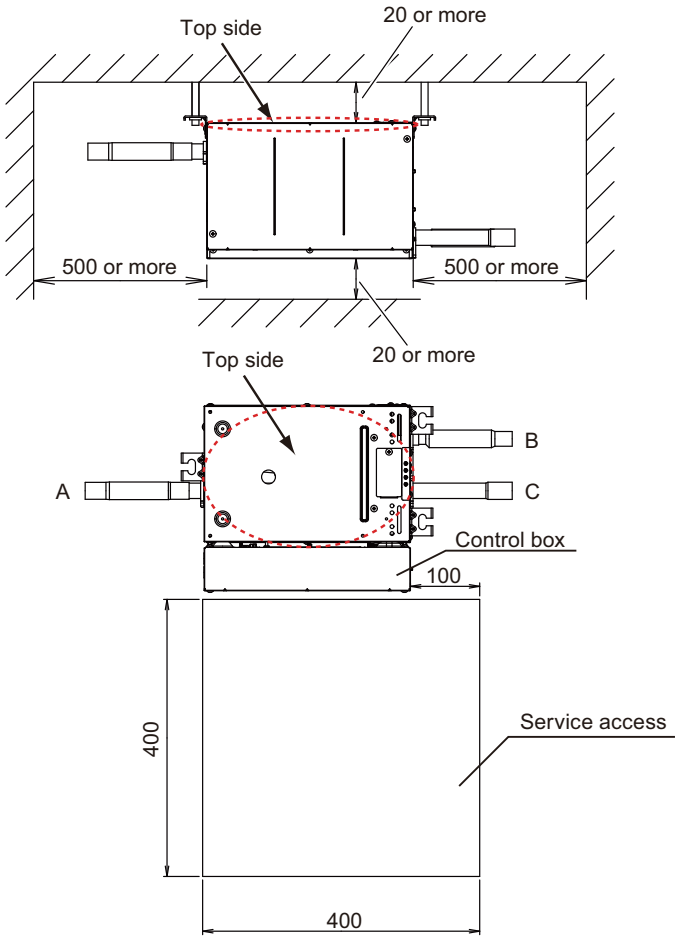
- Control box which is a part of RB units can be also changed the position depending on installation condition at each side of RB units.
- Be sure to prepare maintenance access in control box side.
- Since the sound of refrigerant flow may be felt as an unusual sound, do not install in the underpart of the roof, such as a bedroom which sound worries.

## ■ Models: UTP-RX01AH, UTP-RX01BH, and UTP-RX01CH

Be sure to install so that the top side faces up.

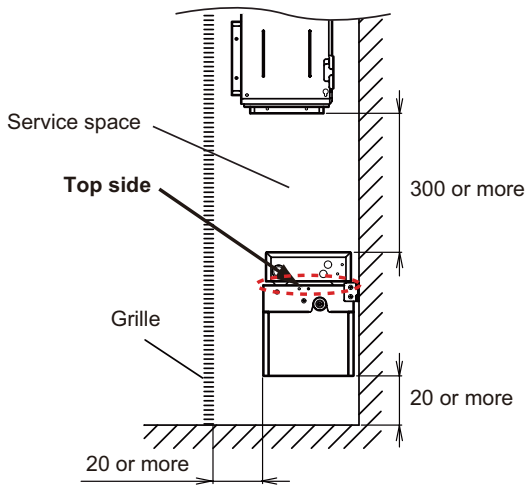
Unit: mm

- **Ceiling installation**




- **Wall installation**

E.g.: If installing a duct model vertically.

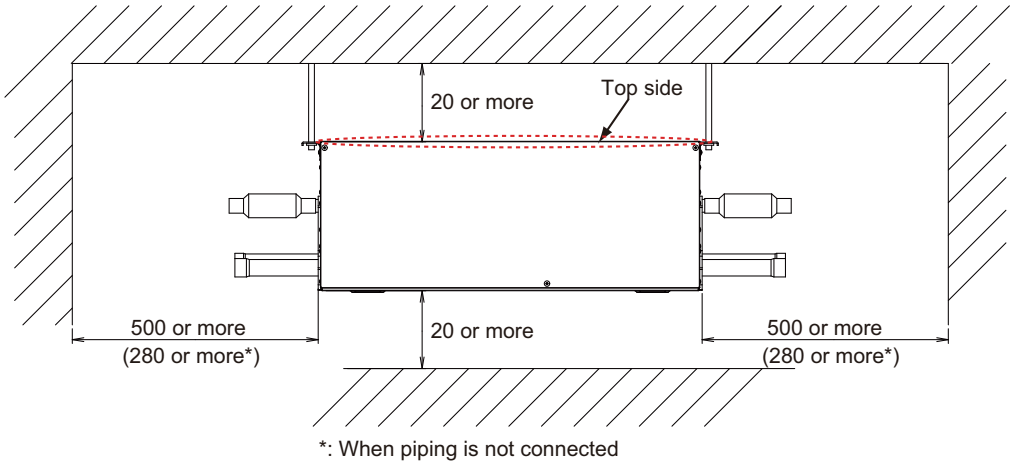


# ■ Model: UTP-RX04BH

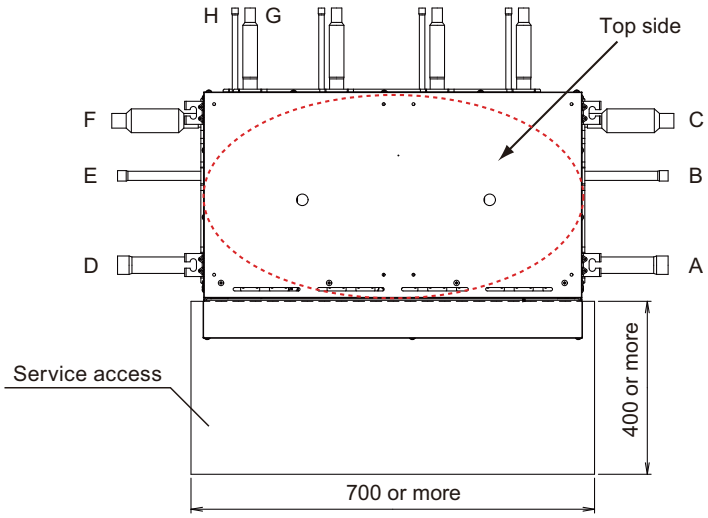
Be sure to install so that the top side faces up.

Unit: mm

- **Ceiling installation**




*: When piping is not connected

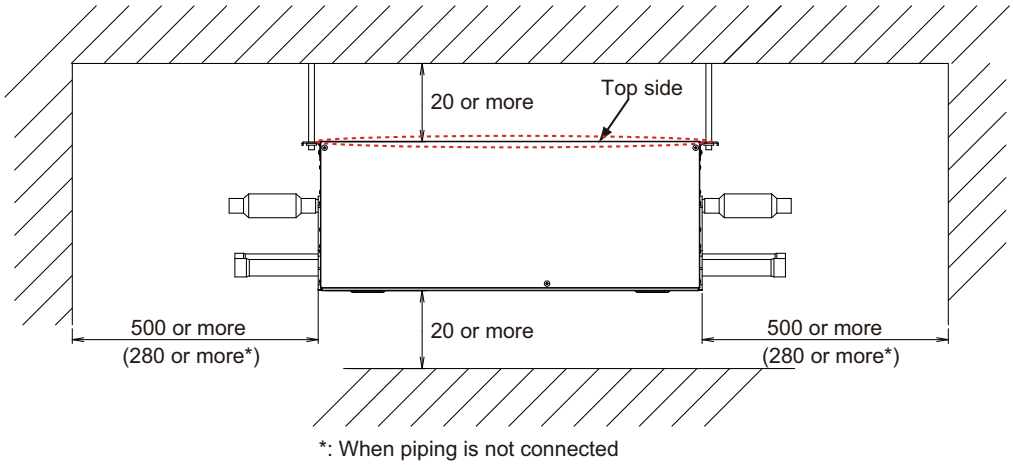


# ■ Models: UTP-RX08AH and UTP-RX12AH

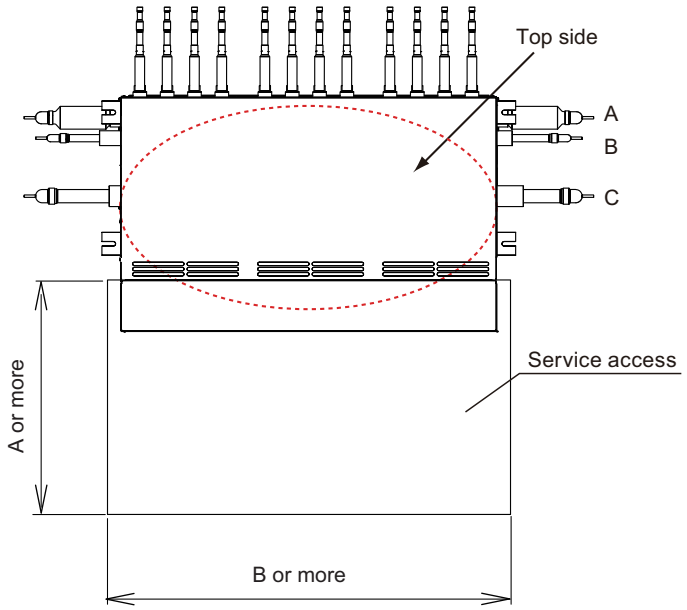
Be sure to install so that the top side faces up.

Unit: mm

- **Ceiling installation**




*: When piping is not connected



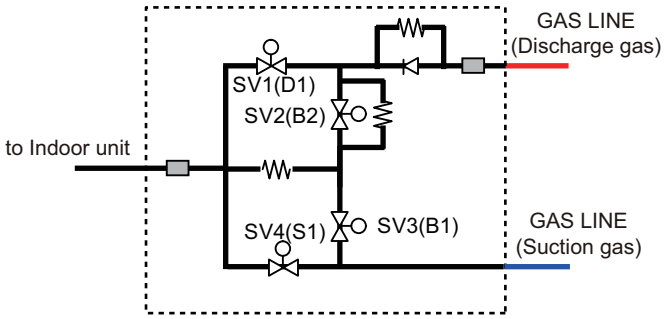

| | A | B |
|---|---|---|
| UTP-RX08AH | 470 | 770 |
| UTP-RX12AH | 470 | 1,100 |

# 3-4. Refrigerant circuit

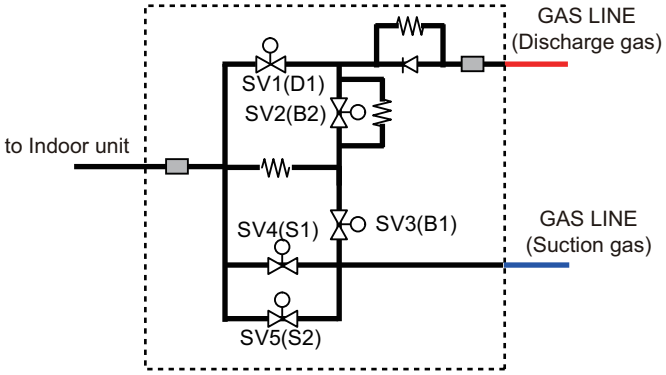
## ■ Symbol description

| Mark | Description |
|---|---|
| SV1 (D1) | Solenoid valve (Discharge 1) |
| SV2 (B2) | Solenoid valve (Bypass 2) |
| SV3 (B1) | Solenoid valve (Bypass 1) |
| SV4 (S1) | Solenoid valve (Suction 1) |
| SV5 (S2) | Solenoid valve (Suction 2) |
| SV6 (S3) | Solenoid valve (Suction 3) |

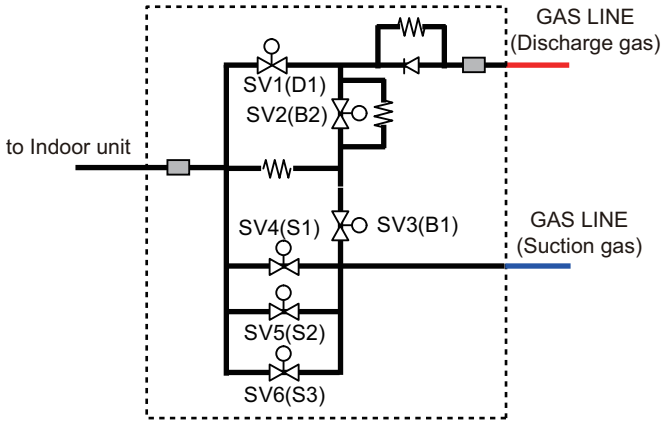
## ■ Model: UTP-RX01AH



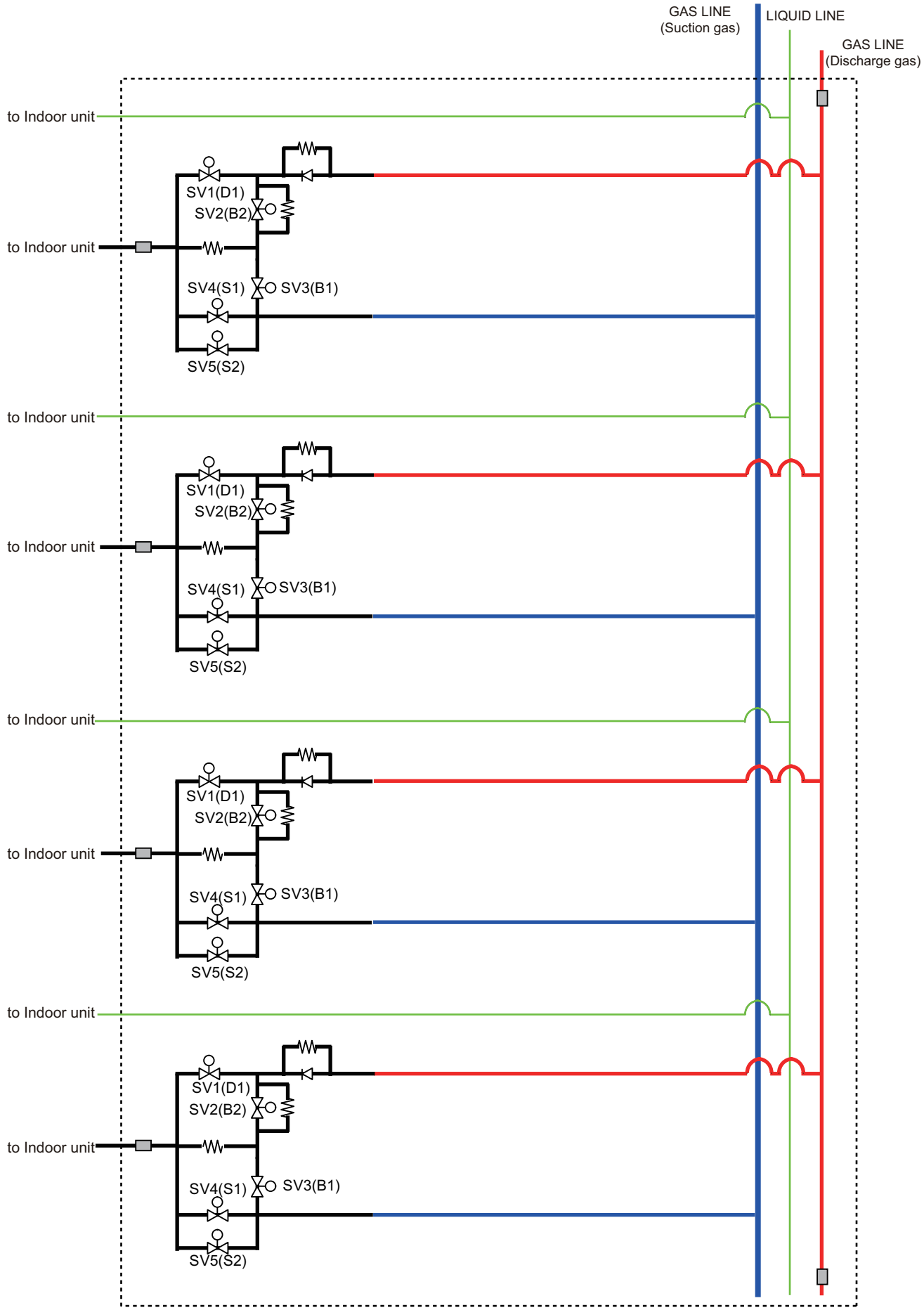

## ■ Model: UTP-RX01BH



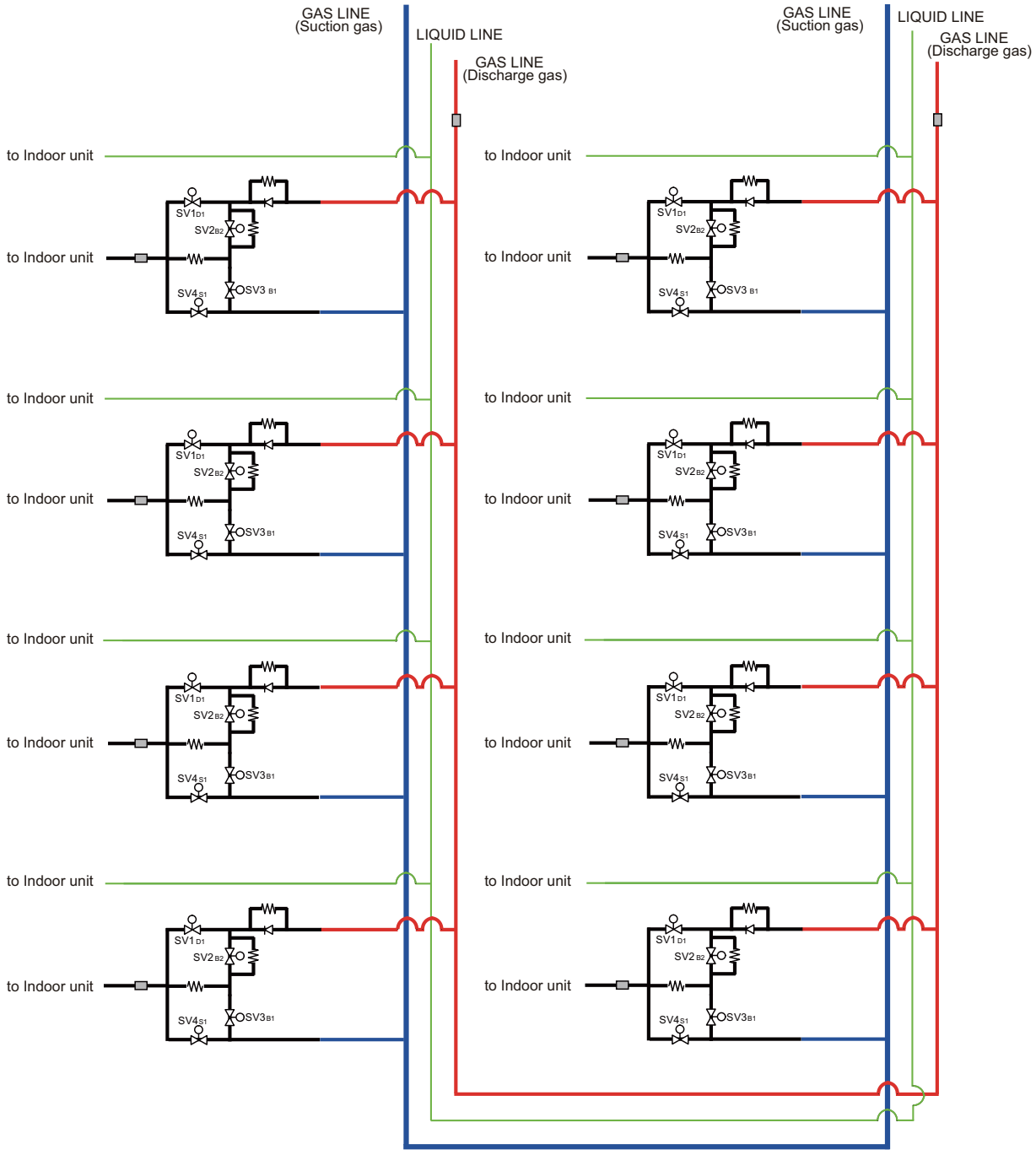

## ■ Model: UTP-RX01CH



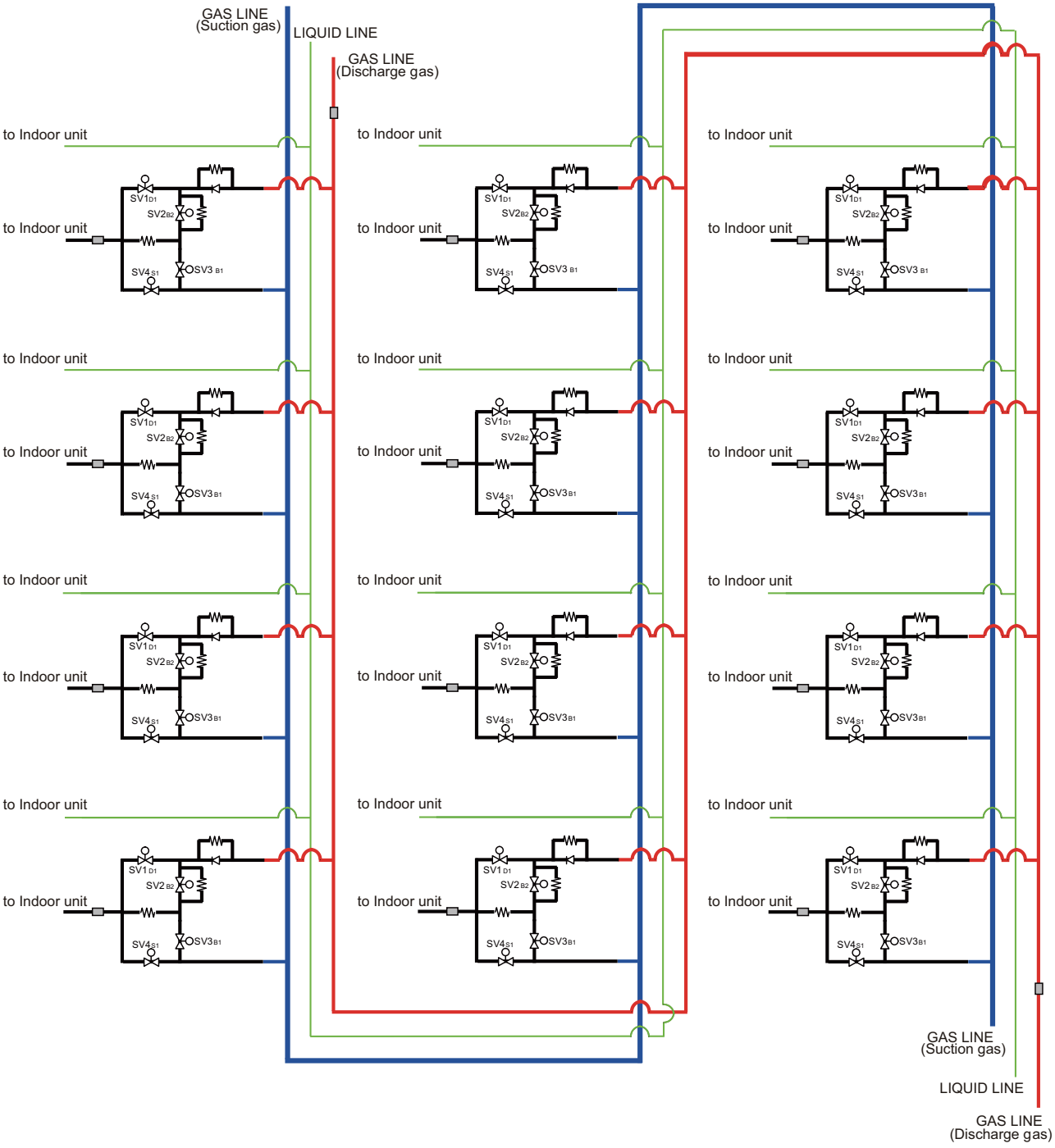
# ■ Model: UTP-RX04BH



# ■ Model: UTP-RX08AH

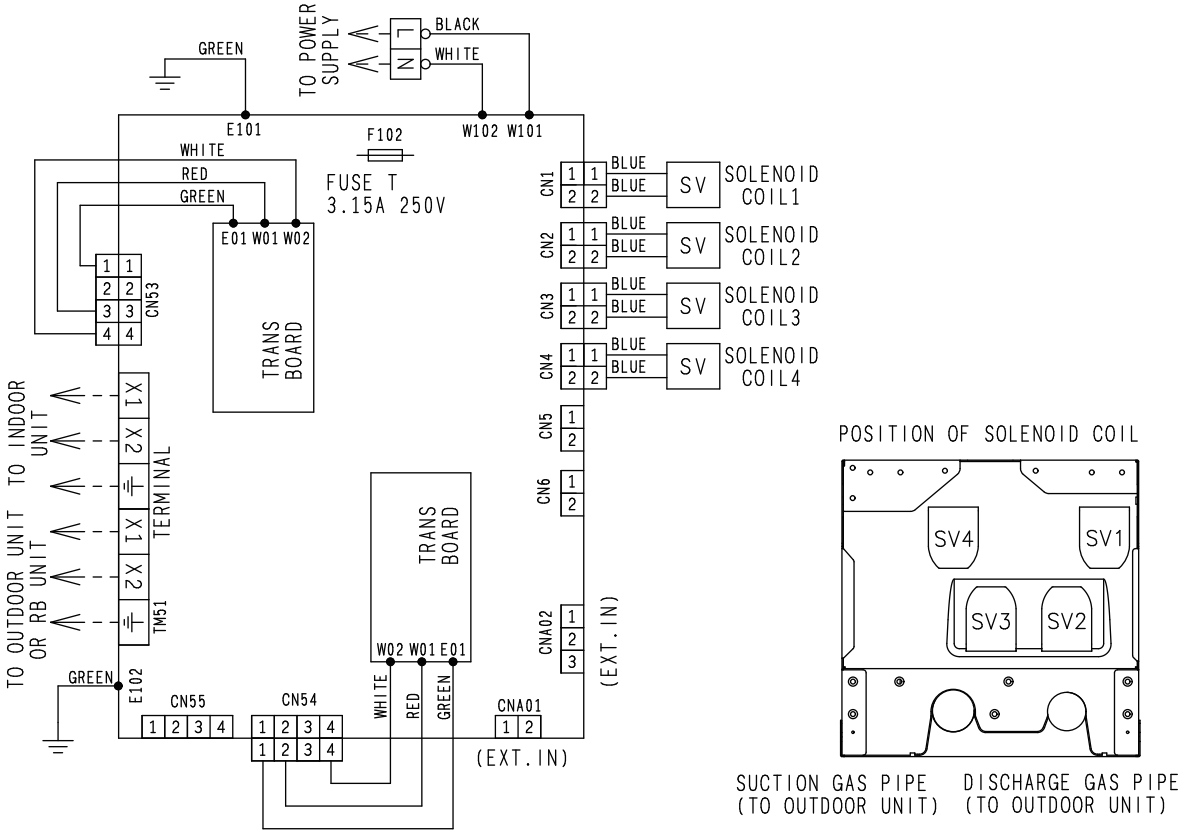


# ■ Model: UTP-RX12AH

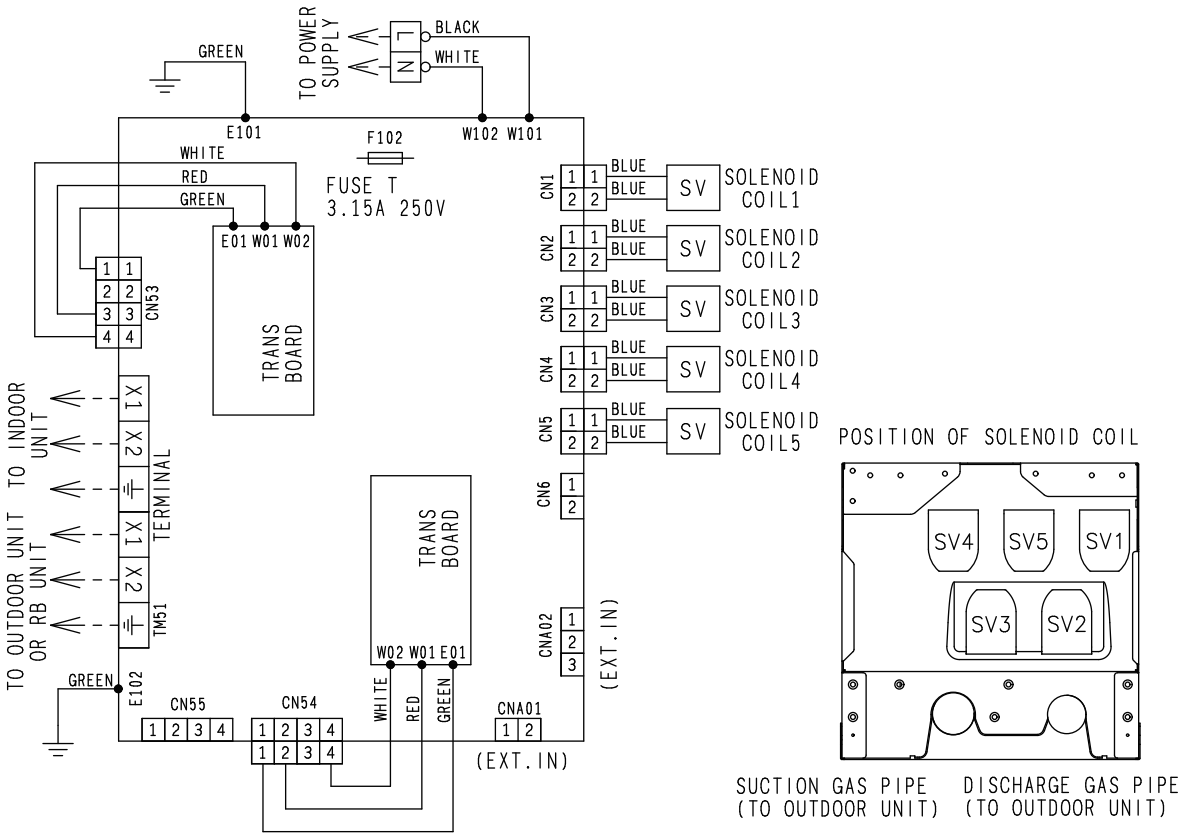


# 3-5. Wiring diagrams

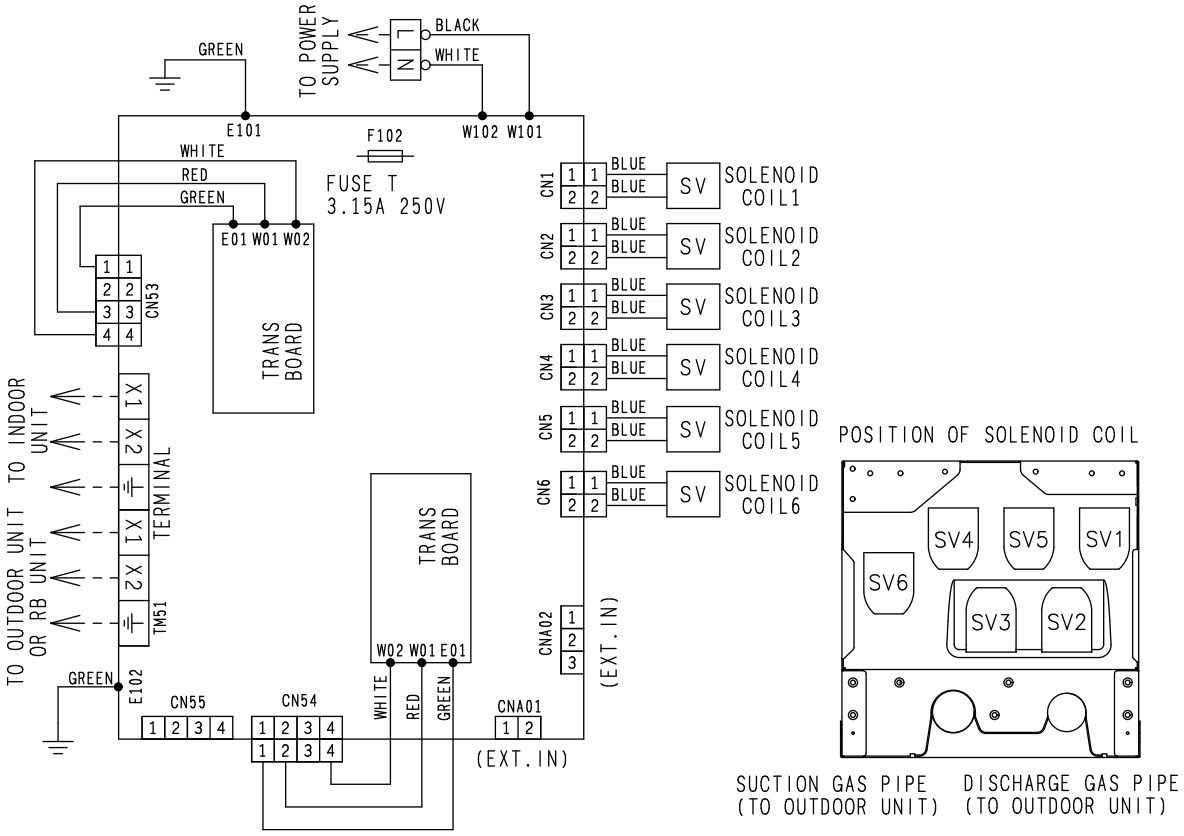
## ■ Model: UTP-RX01AH



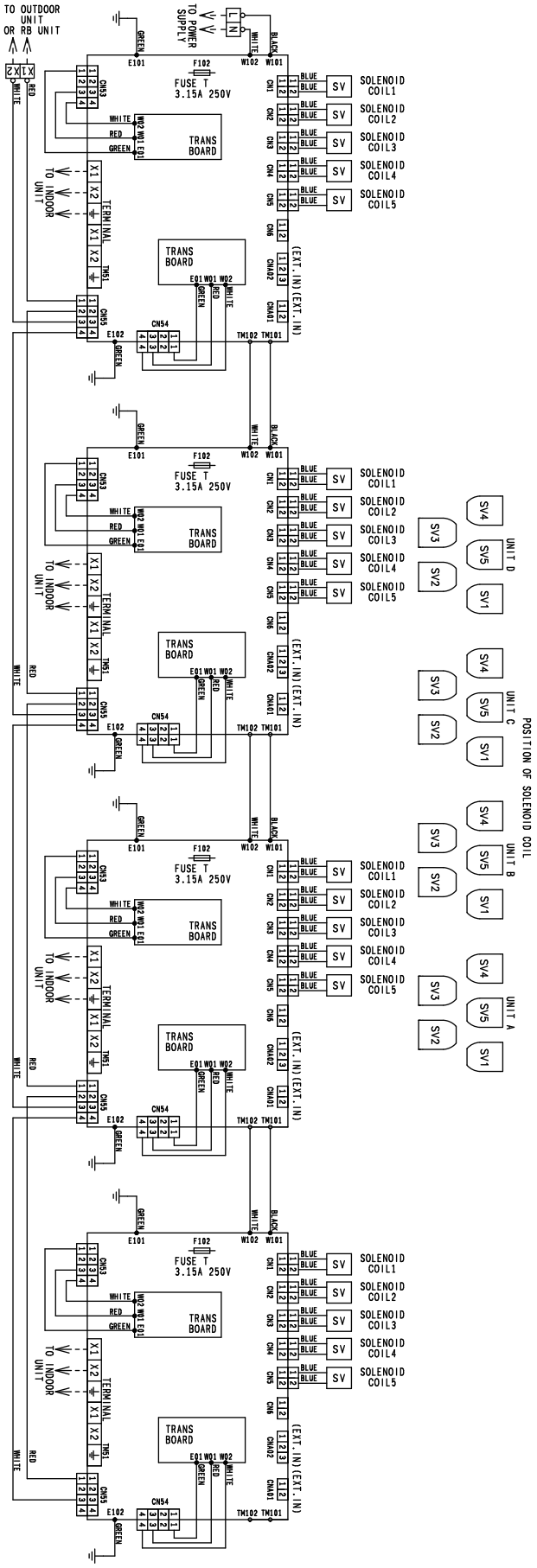

## ■ Model: UTP-RX01BH



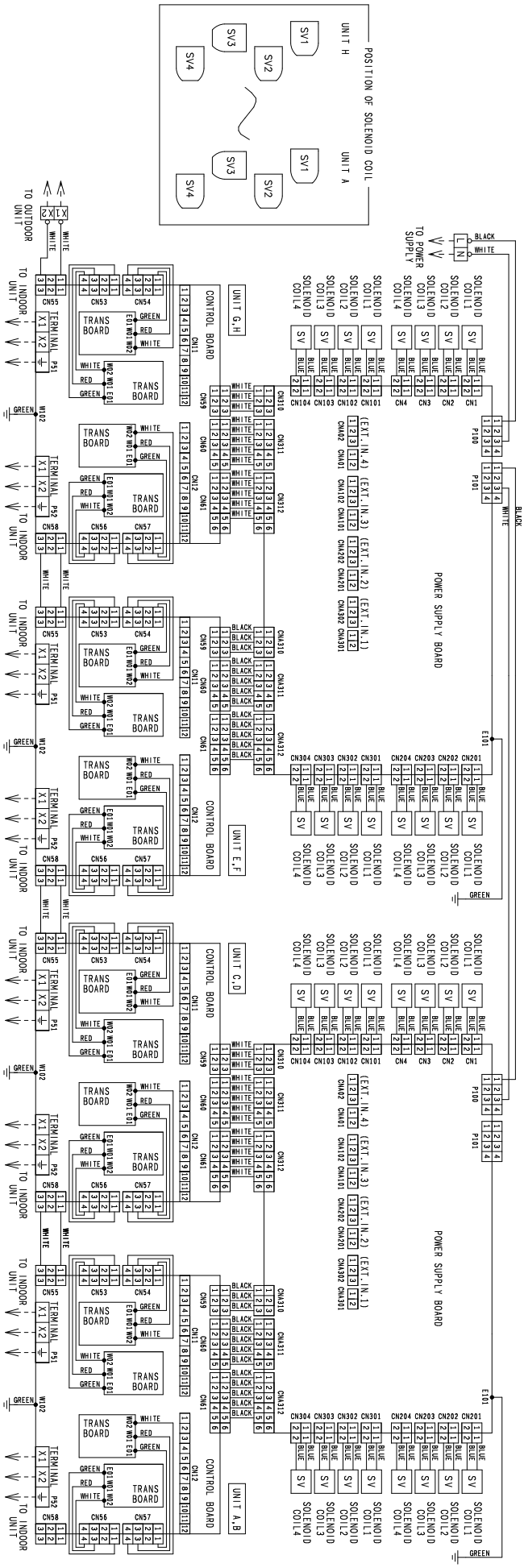
# ■ Model: UTP-RX01CH



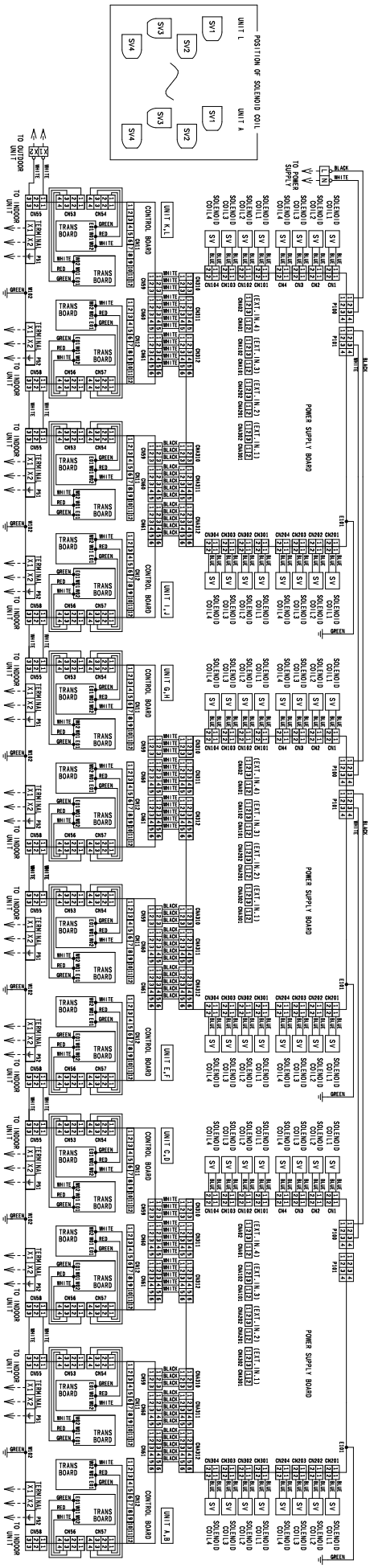
# ■ Model: UTP-RX04BH



# ■ Model: UTP-RX08AH



# ■ Model: UTP-RX12AH

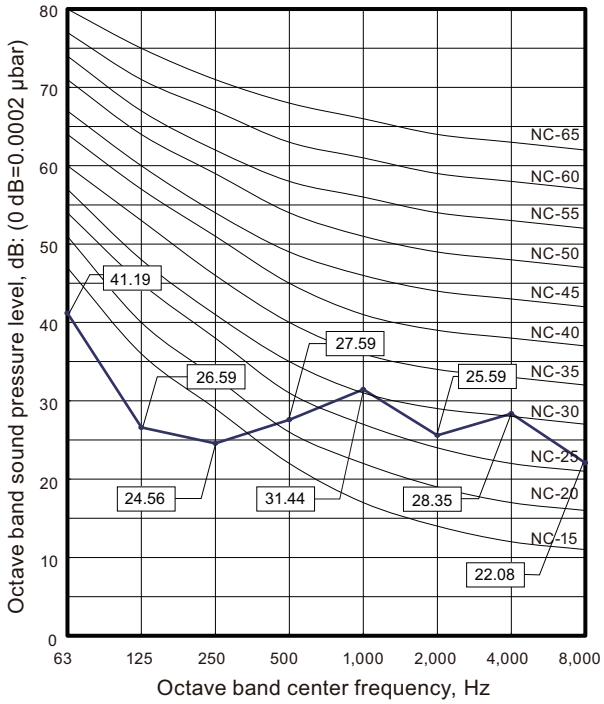


# 3-6. Operation noise (sound pressure)

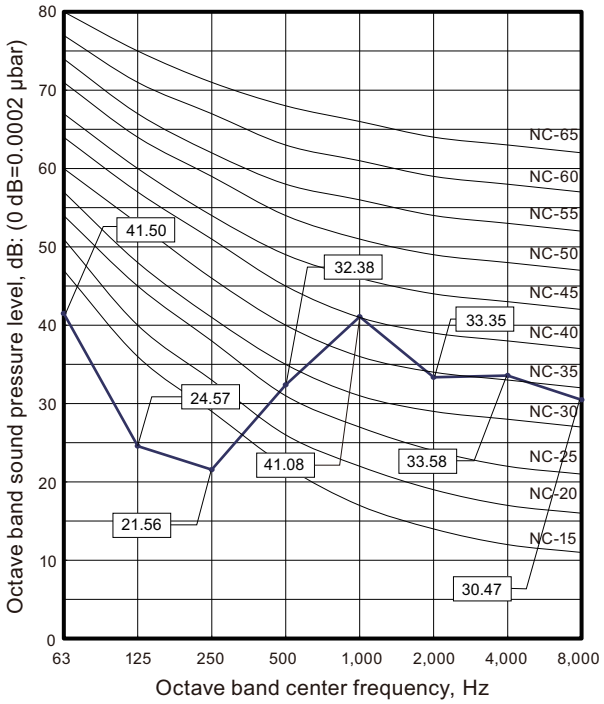
## ■ Noise level curve

### ● Model: UTP-RX01CH

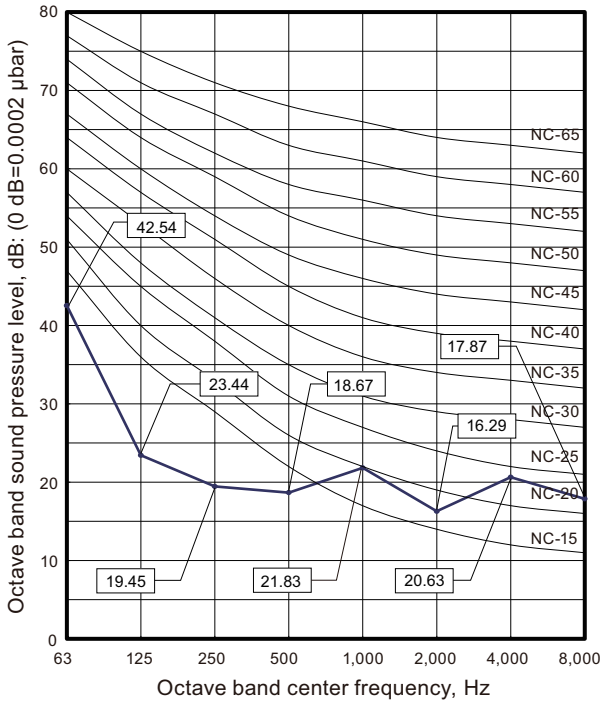
- **Cooling**




- **Heating**




- **Bypass noise***




**NOTES:**

- The data above is a sample based on UTP-RX01CH. The noise level might be smaller than the data above when using the other model.
- *: Data in the following operating conditions:
  - The operation of all indoor units downstream of this RB Unit is stopped.
  - The indoor unit downstream of the other RB Unit is in cooling operation.

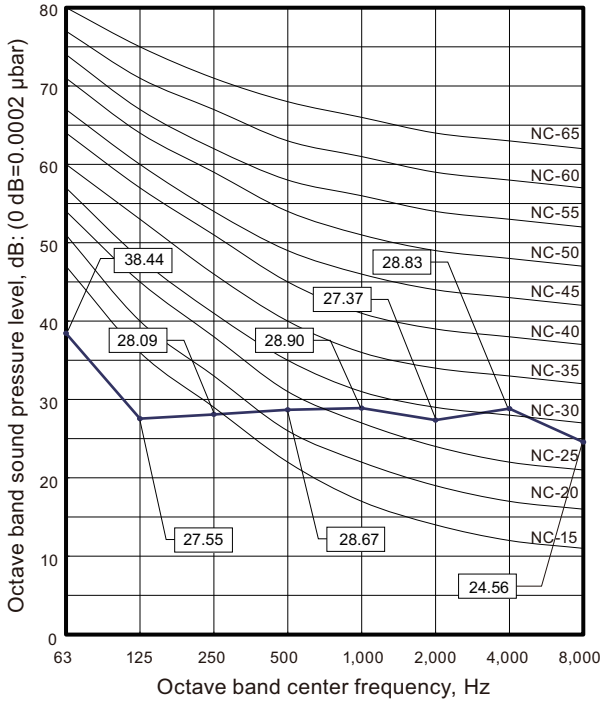




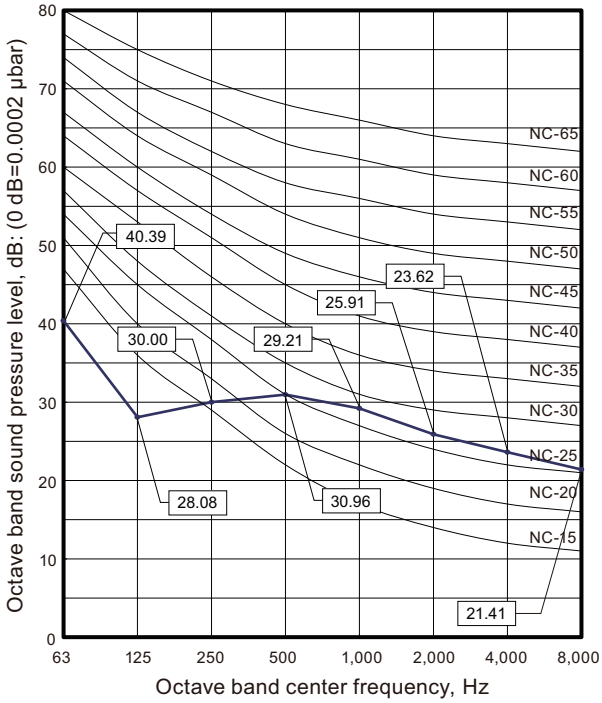
OPTIONAL PARTS

# ● Model: UTP-RX04BH

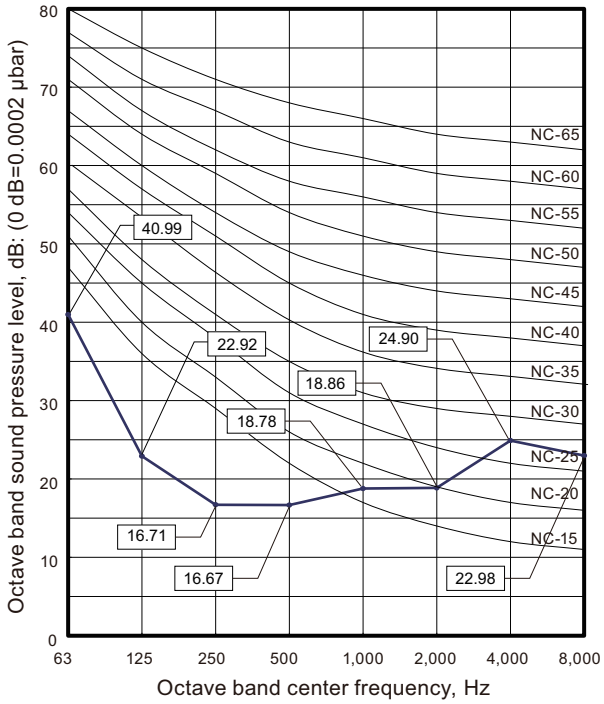
## • Cooling




## • Heating




## • Bypass noise*

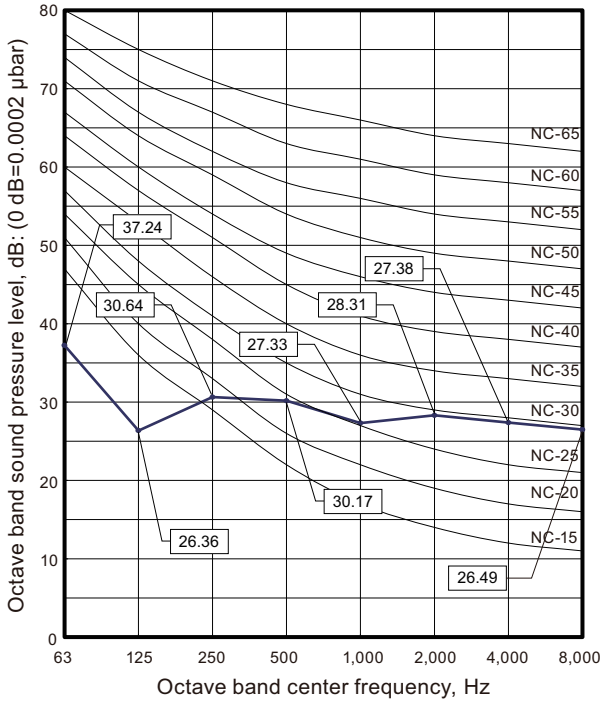



*: Data in the following operating conditions:

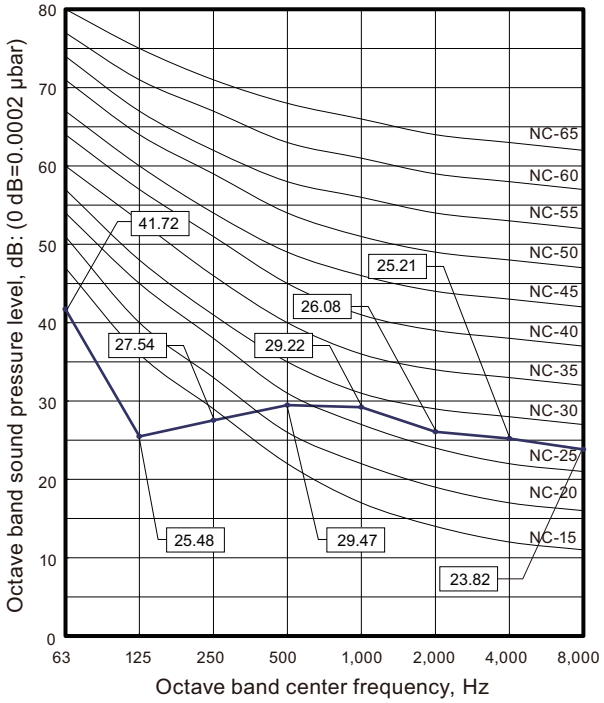
- The operation of all indoor units downstream of this RB Unit is stopped.
- The indoor unit downstream of the other RB Unit is in cooling operation.

# ● Model: UTP-RX08AH

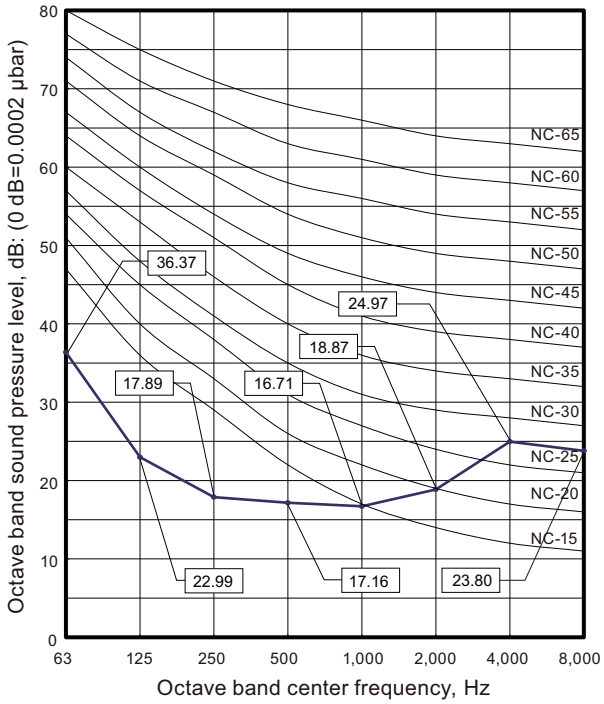
## • Cooling




## • Heating




## • Bypass noise*

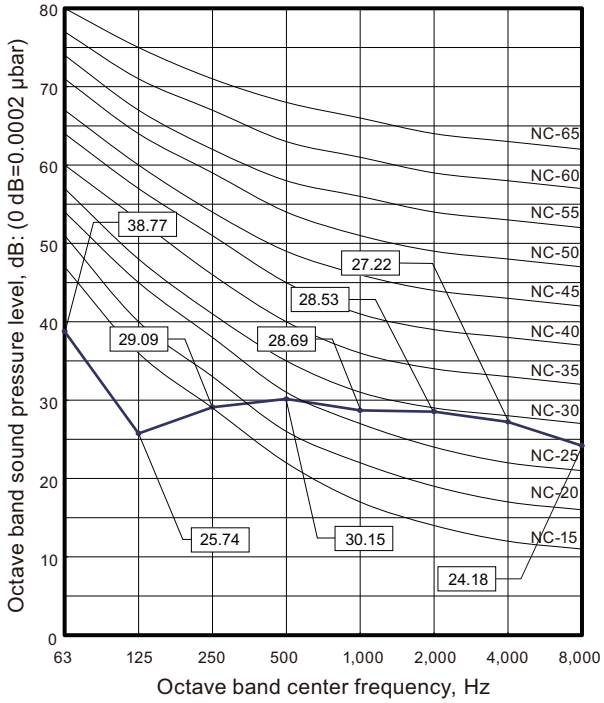



*: Data in the following operating conditions:

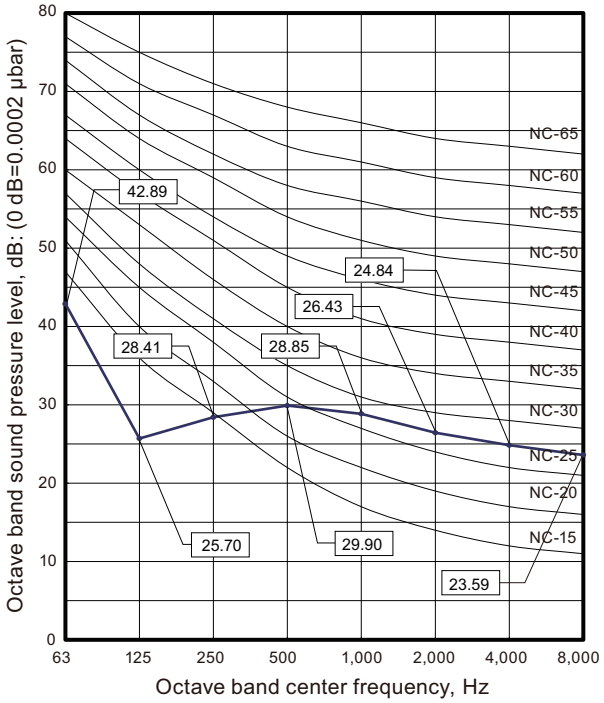
- The operation of all indoor units downstream of this RB Unit is stopped.
- The indoor unit downstream of the other RB Unit is in cooling operation.

# ● Model: UTP-RX12AH

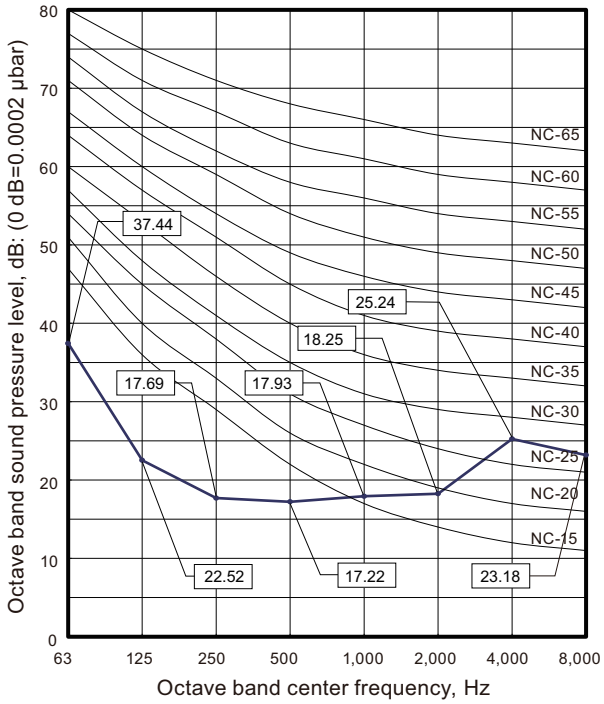
## • Cooling




## • Heating



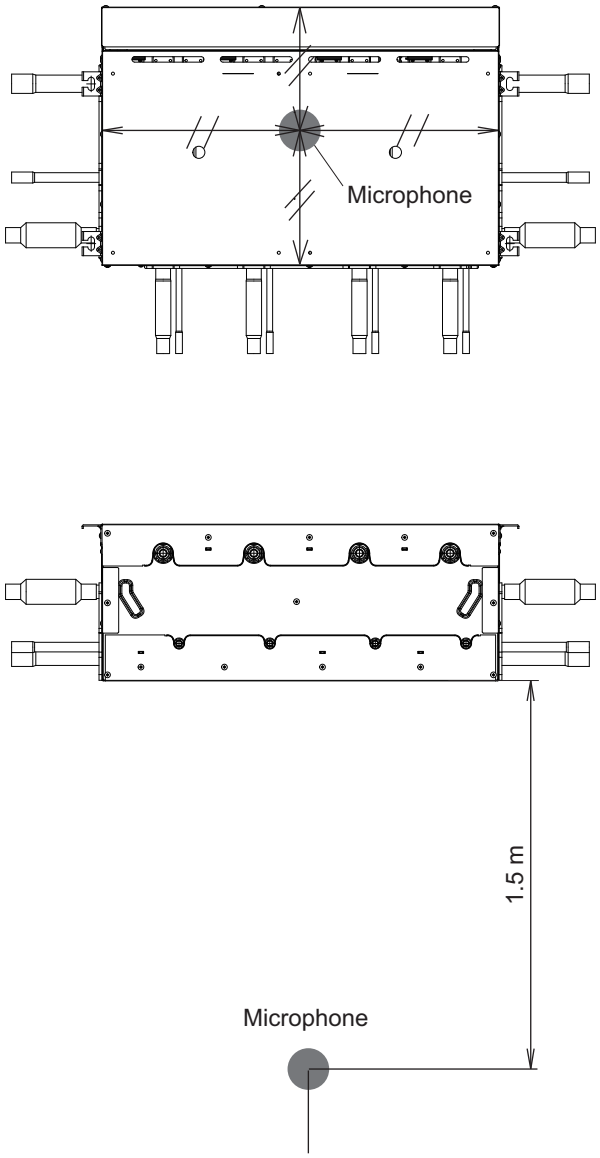

## • Bypass noise*




*: Data in the following operating conditions:

- The operation of all indoor units downstream of this RB Unit is stopped.
- The indoor unit downstream of the other RB Unit is in cooling operation.

## ■ Sound level check point




**NOTE:** Detailed shape of the actual unit might vary depending on the model.

# 3-7. Electrical characteristics

| Model | Voltage (V) | Frequency (Hz) | MCA*1 (A) | MFA*2 (A) |
|---|---|---|---|---|
| UTP-RX01AH | 230 | 50 | 0.13 | 20 |
| UTP-RX01BH | | | 0.19 | |
| UTP-RX01CH | | | 0.26 | |
| UTP-RX04BH | | | 0.76 | |
| UTP-RX08AH | | | 1.04 | |
| UTP-RX12AH | | | 1.56 | |

*1: Minimum circuit amps = Maximum operating current (Full load)

*2: Main fuse (Circuit breaker) amps

# 3-8. Safety device

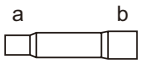
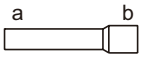
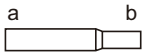
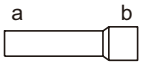
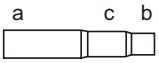
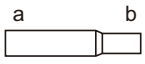
| Model | PCB* fuse |
|---|---|
| UTP-RX01AH | 250 V, 3.15 A × 1 |
| UTP-RX01BH | 250 V, 3.15 A × 1 |
| UTP-RX01CH | 250 V, 3.15 A × 1 |
| UTP-RX04BH | 250 V, 3.15 A × 4 |
| UTP-RX08AH | 250 V, 3.15 A × 2 |
| UTP-RX12AH | 250 V, 3.15 A × 3 |

*PCB: Printed Circuit Board

# 3-9. Accessories

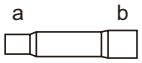
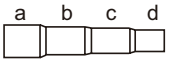
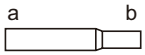
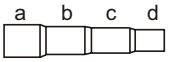
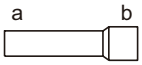
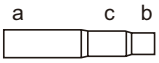
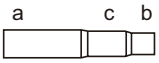
## ■ Models: UTP-RX01AH, UTP-RX01BH, and UTP-RX01CH

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Installation manual | | 1 | Washer | | 6 |
| Hanger | | 3 | Cable tie | | 2 |
| Tapping screw A (Ø4 × 10) | | 6 | Cable clamp | | 1 |
| Tapping screw B (Ø4 × 25) | | 4 | | | |

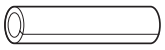
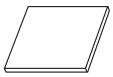
| Part name | Exterior | Quantity | | |
|---|---|---|---|---|
| | | UTP-RX01AH | UTP-RX01BH | UTP-RX01CH |
| Reducer-A |  a: Ø9.52 mm (O.D.) b: Ø12.70 mm (I.D.) | 4 | — | — |
| Reducer-B |  a: Ø12.70 mm (O.D.) b: Ø15.88 mm (I.D.) | 2 | 1 | — |
| Reducer-C |  a: Ø12.70 mm (O.D.) b: Ø9.52 mm (I.D.) | — | 1 | — |
| Reducer-D |  a: Ø19.05 mm (O.D.) b: Ø22.22 mm (I.D.) | — | 1 | — |
| Reducer-E |  a: Ø19.05 mm (O.D.) b: Ø12.70 mm (I.D.) c: Ø15.88 mm (I.D.) | — | 2 | — |
| Reducer-F |  a: Ø19.05 mm (O.D.) b: Ø15.88 mm (I.D.) | — | — | 1 |

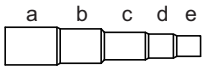
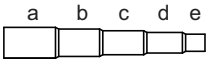
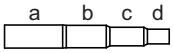
# ■ Model: UTP-RX04BH

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Installation manual | | 1 | Washer | | 8 |
| Hanger | | 4 | Cable tie | | 5 |
| Tapping screw (Ø4 × 10) | | 8 | | | |

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Reducer-G |  a: Ø9.52 mm (O.D.) b: Ø12.70 mm (I.D.) | 4 | Reducer-K |  a: Ø28.58 mm (O.D.) b: Ø22.22 mm (I.D.) c: Ø19.05 mm (I.D.) d: Ø15.88 mm (I.D.) | 2 |
| Reducer-H |  a: Ø9.52 mm (O.D.) b: Ø6.35 mm (I.D.) | 4 | Reducer-L |  a: Ø22.22 mm (O.D.) b: Ø19.05 mm (I.D.) c: Ø15.88 mm (I.D.) d: Ø12.70 mm (I.D.) | 2 |
| Reducer-I |  a: Ø19.05 mm (O.D.) b: Ø22.22 mm (I.D.) | 2 | Reducer-M |  a: Ø15.88 mm (O.D.) b: Ø12.70 mm (I.D.) c: Ø9.52 mm (I.D.) | 2 |
| Reducer-J |  a: Ø19.05 mm (O.D.) b: Ø12.70 mm (I.D.) c: Ø15.88 mm (I.D.) | 2 | | | |

# ■ Models: UTP-RX08AH and UTP-RX12AH

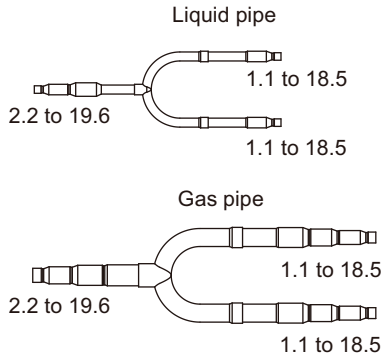
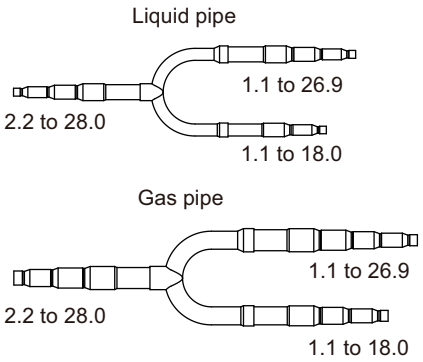
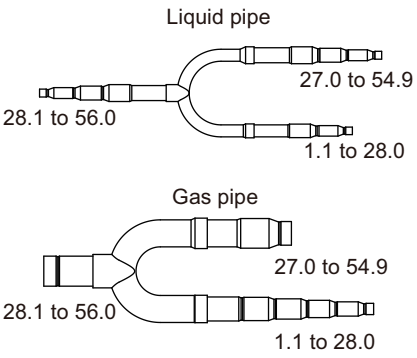
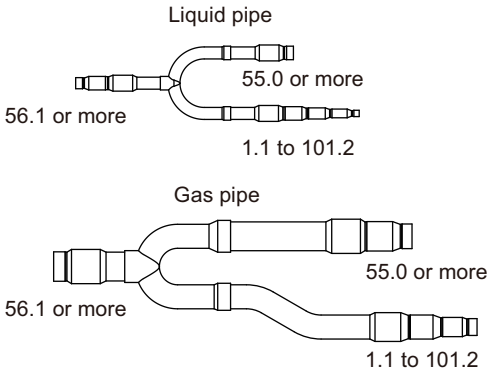
| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Installation manual | | 1 | Washer | | 8 |
| Cable tie | | 08: 9<br>12: 13 | Coupler heat insulation |  | 2 |
| Closed-end pipe A (large) | | 3 | Cabinet insulation (230 × 230mm) |  | 1 |
| Closed-end pipe B (small) |  | 3 | | | |

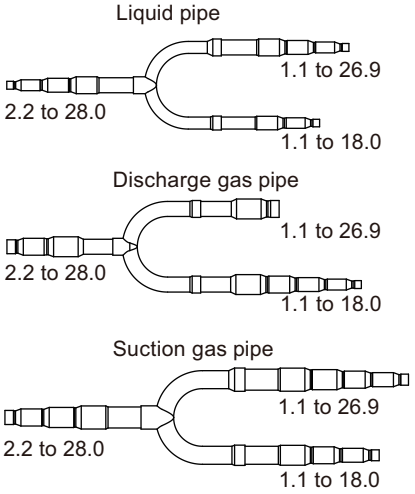
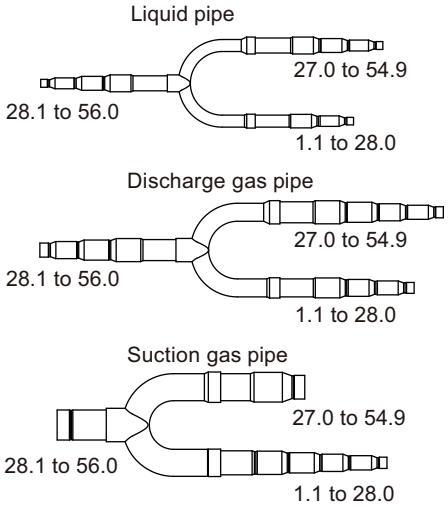
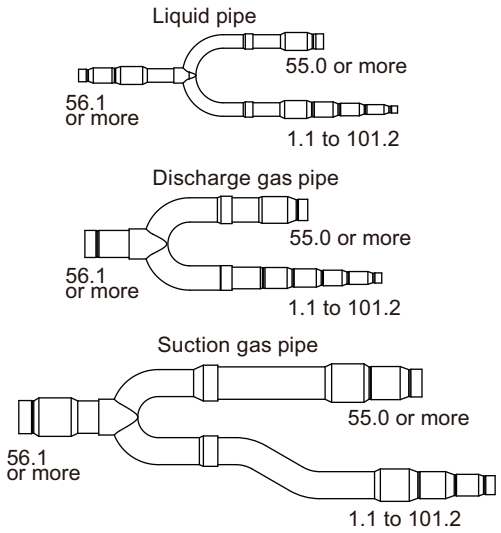
| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Reducer-A |  <br>a: Ø34.92 mm (O.D.)<br>b: Ø28.58 mm (I.D.)<br>c: Ø22.22 mm (I.D.)<br>d: Ø19.05 mm (I.D.)<br>e: Ø15.88 mm (I.D.) | 1 | Reducer-B |  <br>a: Ø28.58 mm (O.D.)<br>b: Ø22.22 mm (I.D.)<br>c: Ø19.05 mm (I.D.)<br>d: Ø15.88 mm (I.D.)<br>e: Ø12.70 mm (I.D.) | 1 |
| Reducer-C |  <br>a: Ø19.05 mm (O.D.)<br>b: Ø15.88 mm (I.D.)<br>c: Ø12.70 mm (I.D.)<br>d: Ø9.52 mm (I.D.) | 1 | | | |

# 4. Separation Tube

## 4-1. Connection capacity

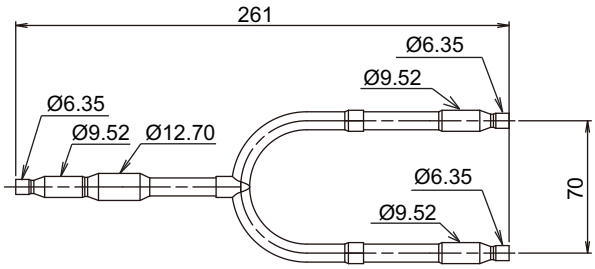
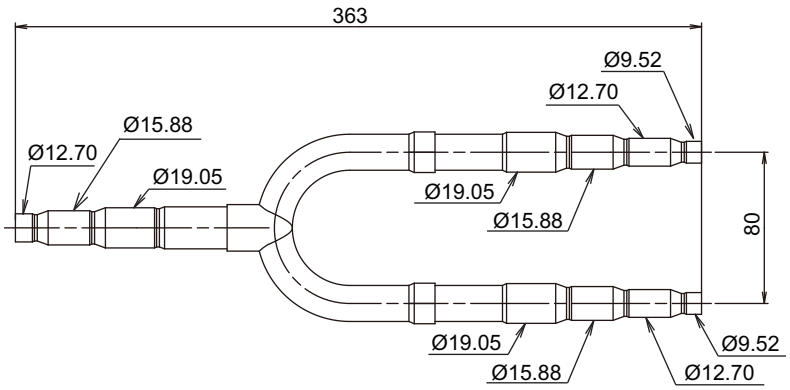
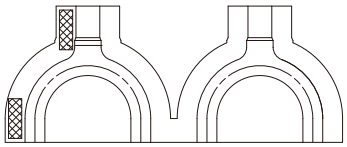
Connection capacity values written in this section are reference values. For pipe designing, refer to "Piping design" in Chapter 6. SYSTEM DESIGN on page 06-52.

| For 2 pipes | | |
|---|---|---|
| **Total cooling capacity of indoor units at rated condition (kW)** | **Model name** | **Connection capacity of separation tube (kW)** |
| 19.6 or less | UTP-AX054A |  |
| 28.0 or less | UTP-AX090A |  |
| 28.1 to 56.0 | UTP-AX180A |  |
| 56.1 or more | UTP-AX567A |  |

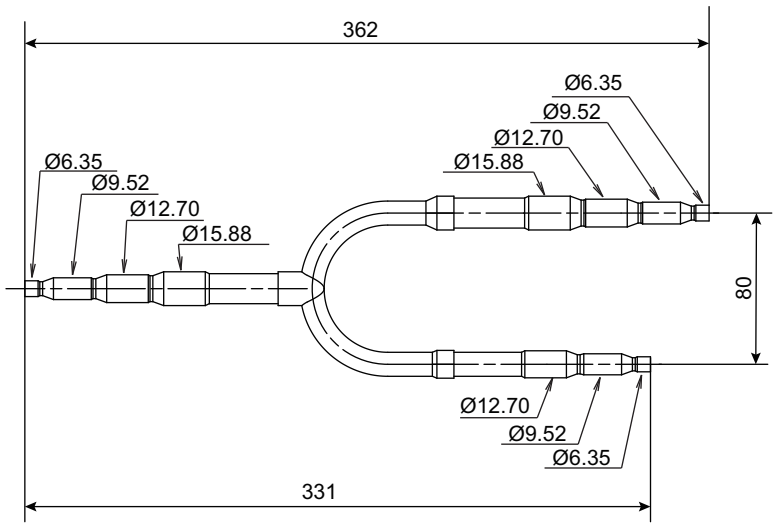
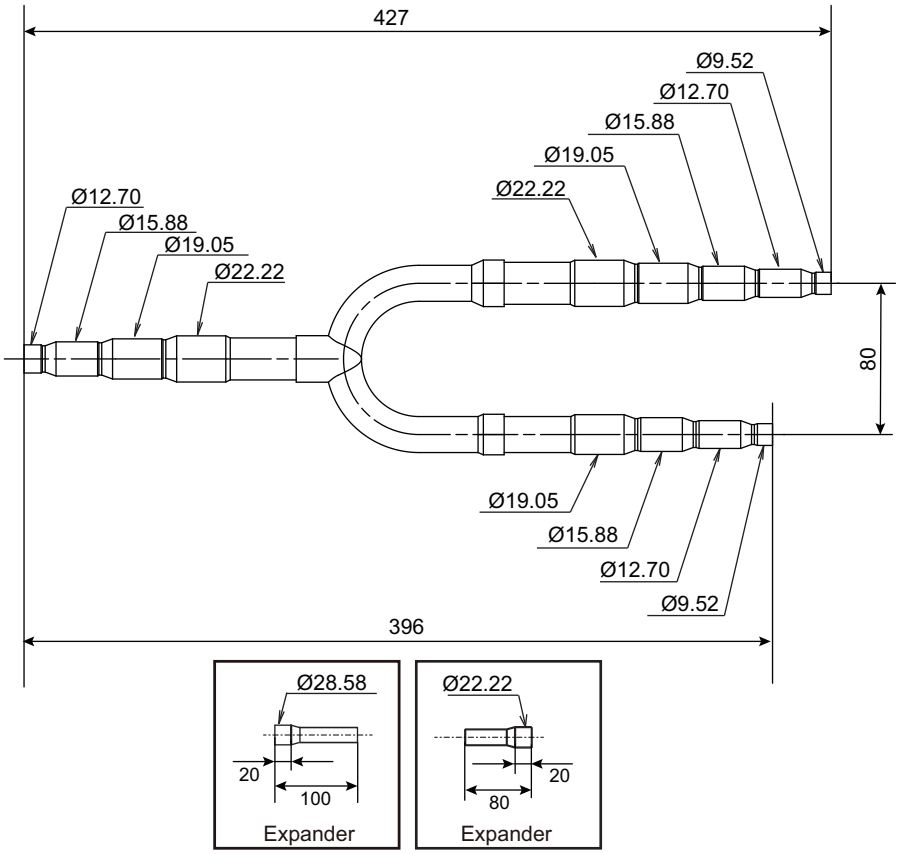
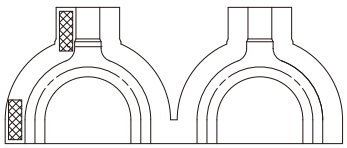
| For 3 pipes | | |
|---|---|---|
| **Total cooling capacity of indoor units at rated condition (kW)** | **Model name** | **Connection capacity of separation tube (kW)** |
| 28.0 or less | UTP-BX090A |  |
| 28.1 to 56.0 | UTP-BX180A |  |
| 56.1 or more | UTP-BX567A |  |

# 4-2. Dimensions

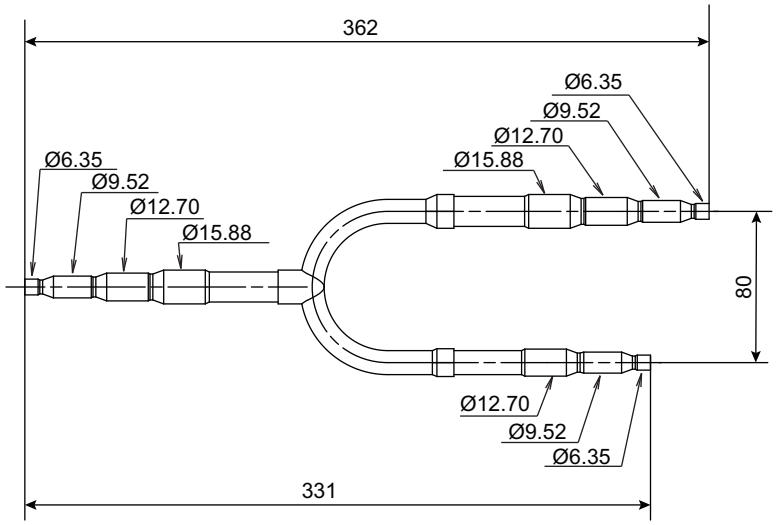
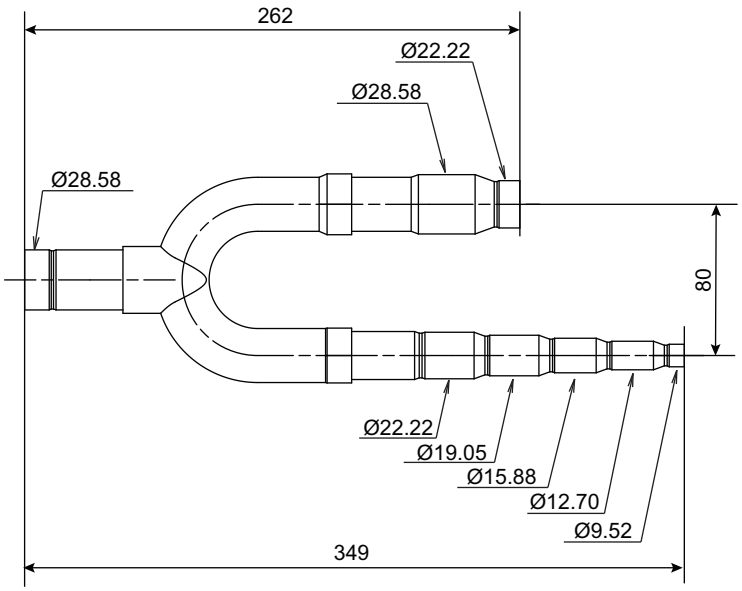
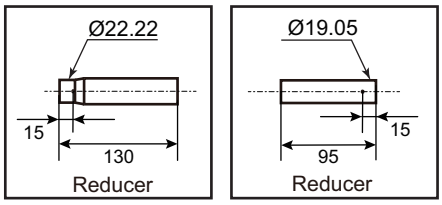
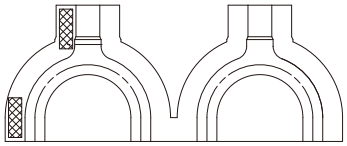
## ■ Model: UTP-AX054A

| Exterior (Unit: mm) | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Gas pipe | 1 |
|  <br>For liquid pipe × 1<br>For gas pipe × 1 | Heat insulation | 2 |
| | Tape | 8 |

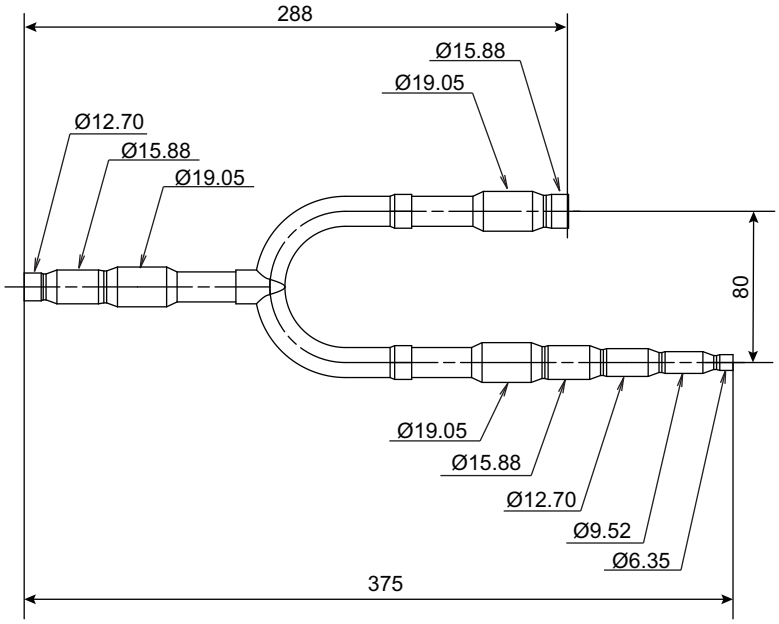
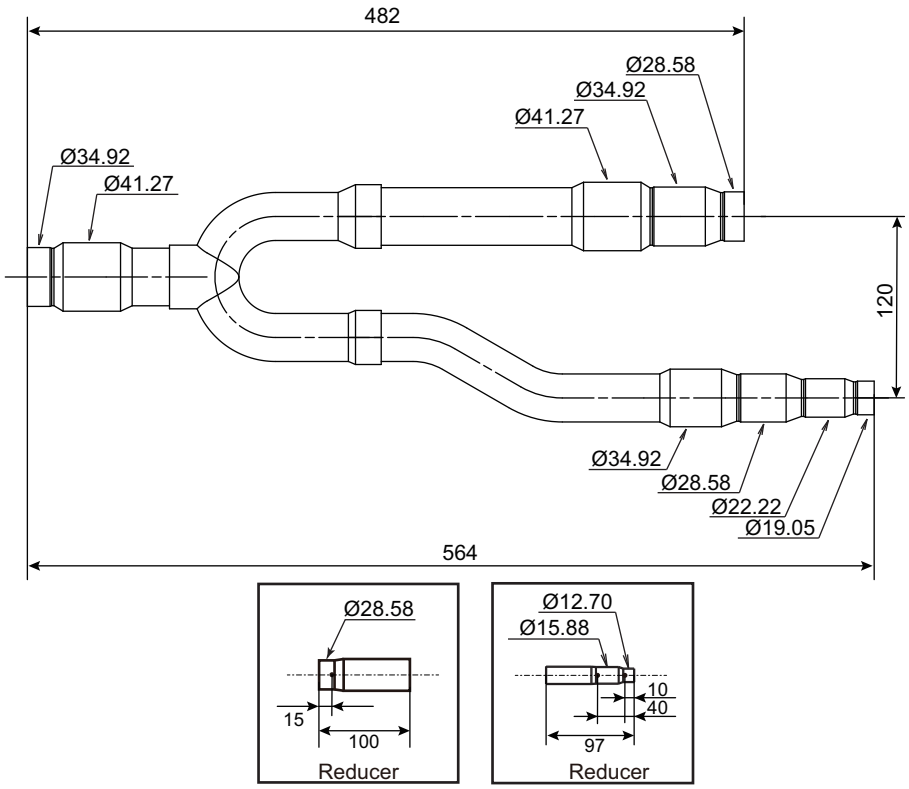
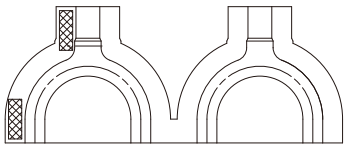
# ■ Model: UTP-AX090A

| Exterior (Unit: mm) | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Gas pipe | 1 |
|  <br>For liquid pipe × 1<br>For gas pipe × 1 | Heat insulation | 2 |
| | Tape | 8 |

# ■ Model: UTP-AX180A

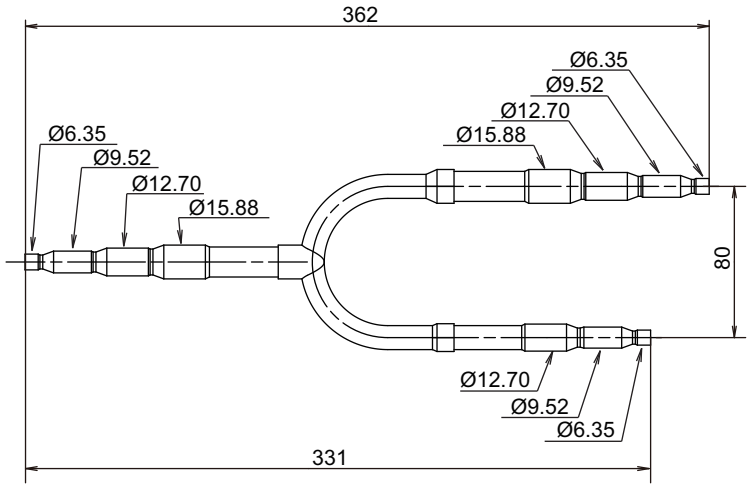
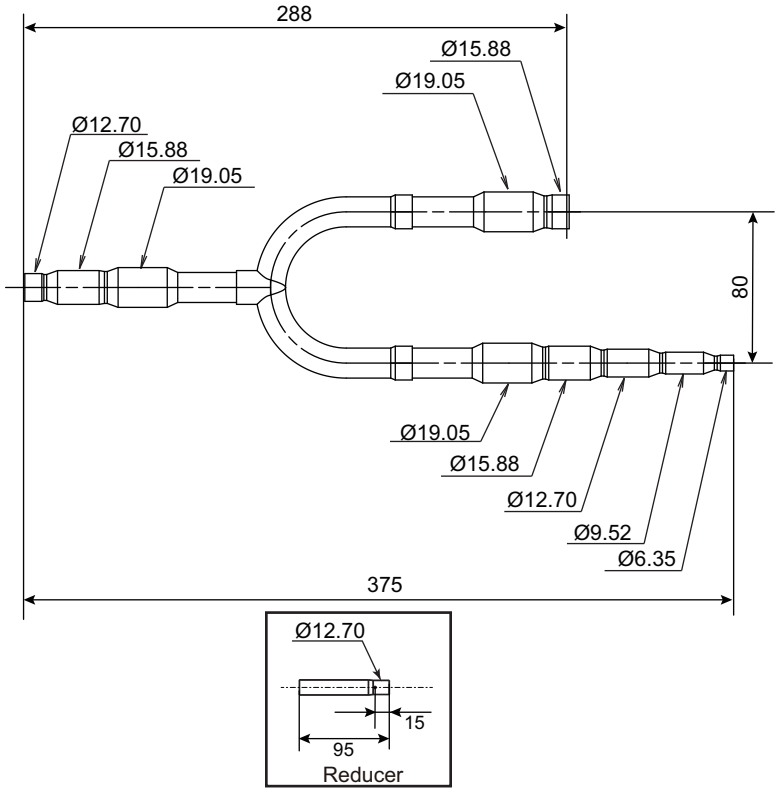
| Exterior (Unit: mm) | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  <br>  | Gas pipe | 1 |
|  <br>For liquid pipe × 1<br>For gas pipe × 1 | Heat insulation | 2 |
| | Tape | 8 |

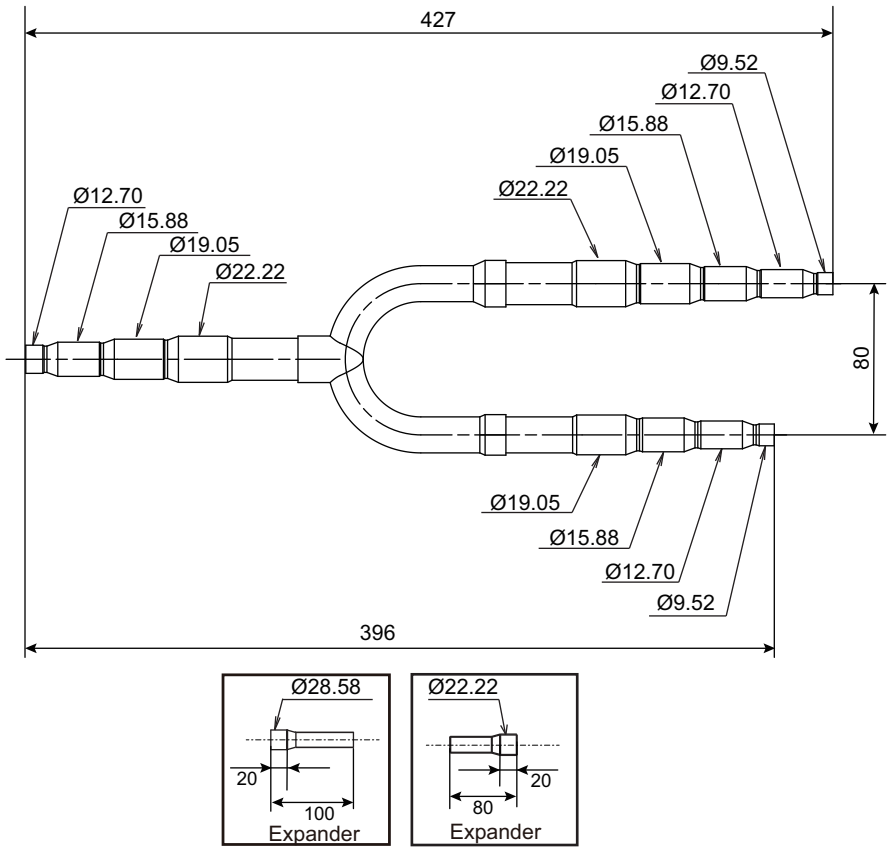
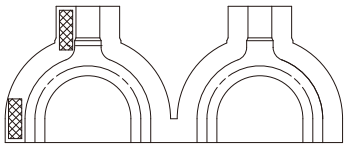
# ■ Model: UTP-AX567A

| Exterior (Unit: mm) | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Gas pipe | 1 |
|  <br>For liquid pipe × 1<br>For gas pipe × 1 | Heat insulation | 2 |
| | Tape | 8 |

# ■ Model: UTP-BX090A

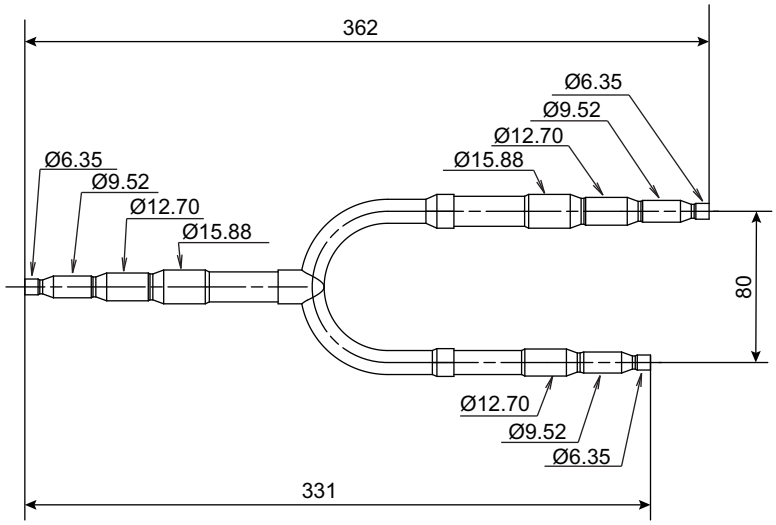
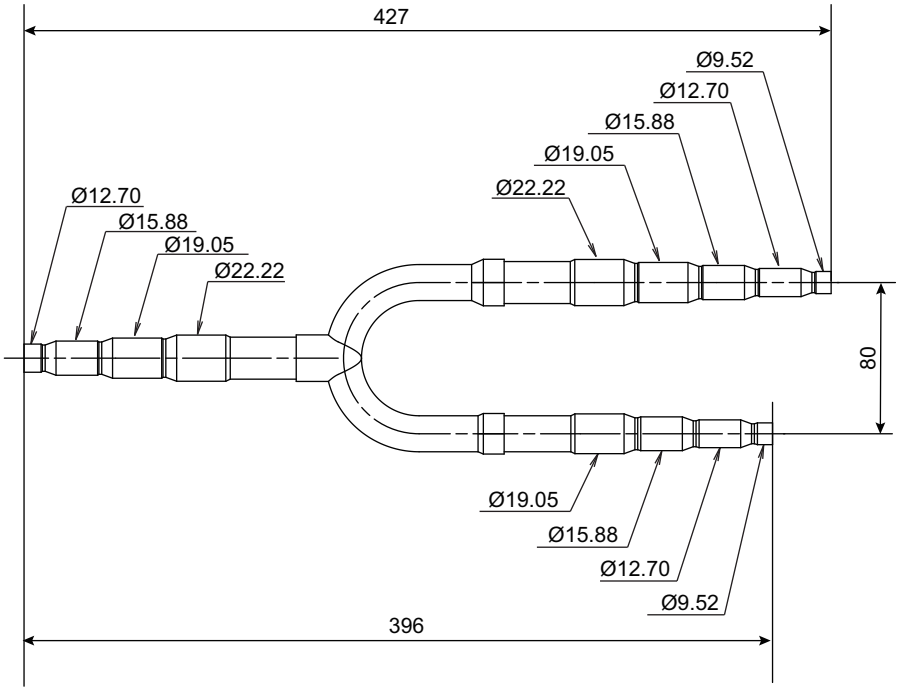
Unit: mm

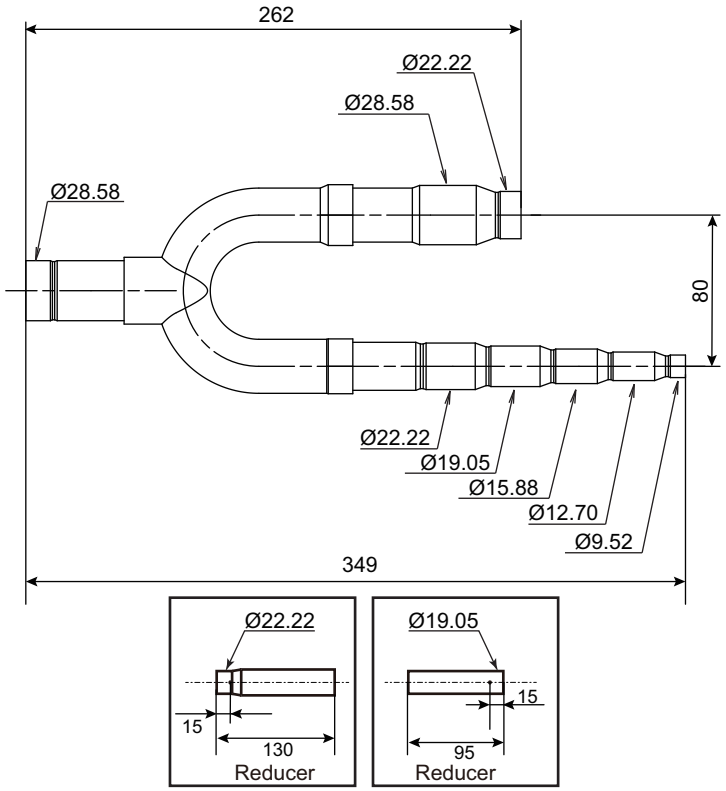
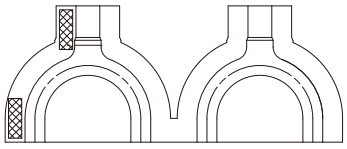
| Exterior | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Discharge gas pipe | 1 |

| Exterior | Part name | Q'ty |
|---|---|---|
|  | Suction gas pipe | 1 |
|  <br>For liquid pipe × 1<br>For discharge gas pipe × 1<br>For suction gas pipe × 1 | Heat insulation | 3 |
| | Tape | 8 |

# ■ Model: UTP-BX180A

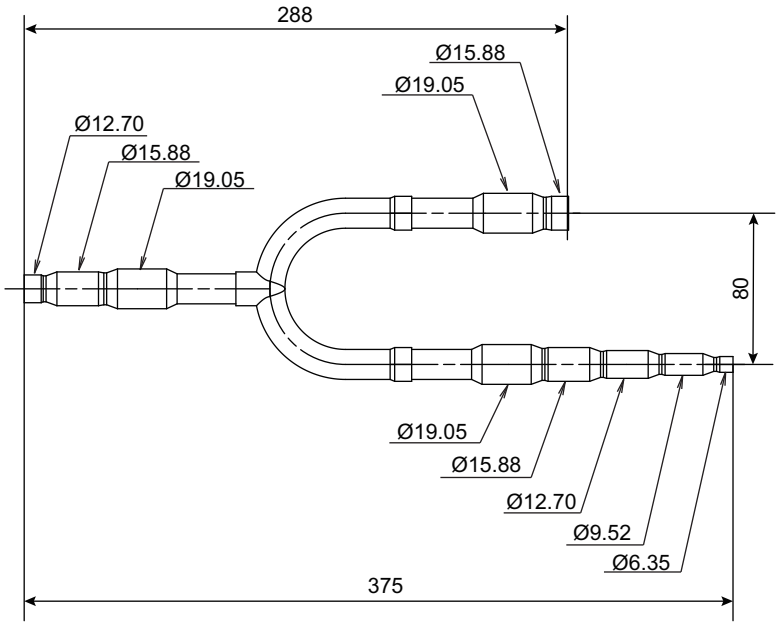
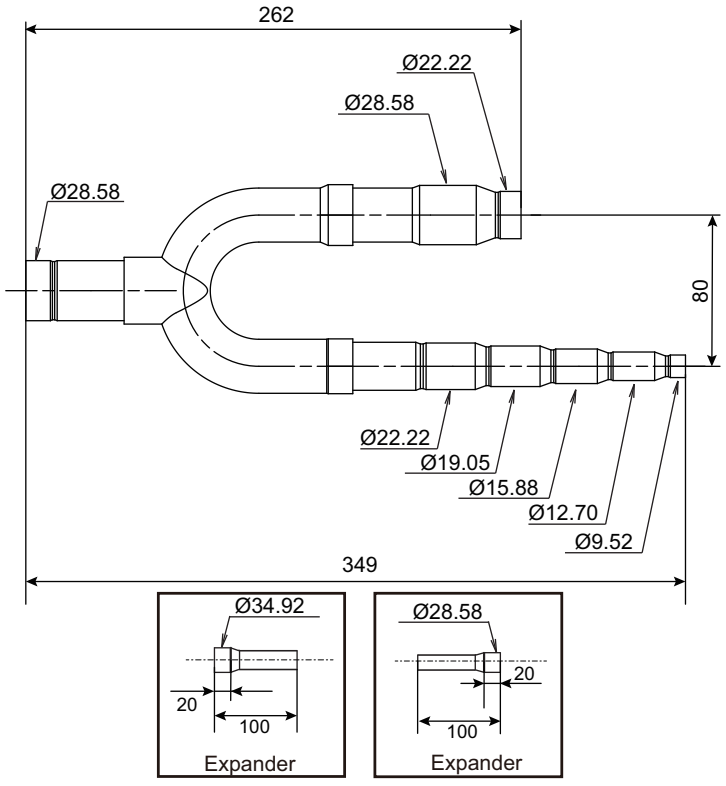
Unit: mm

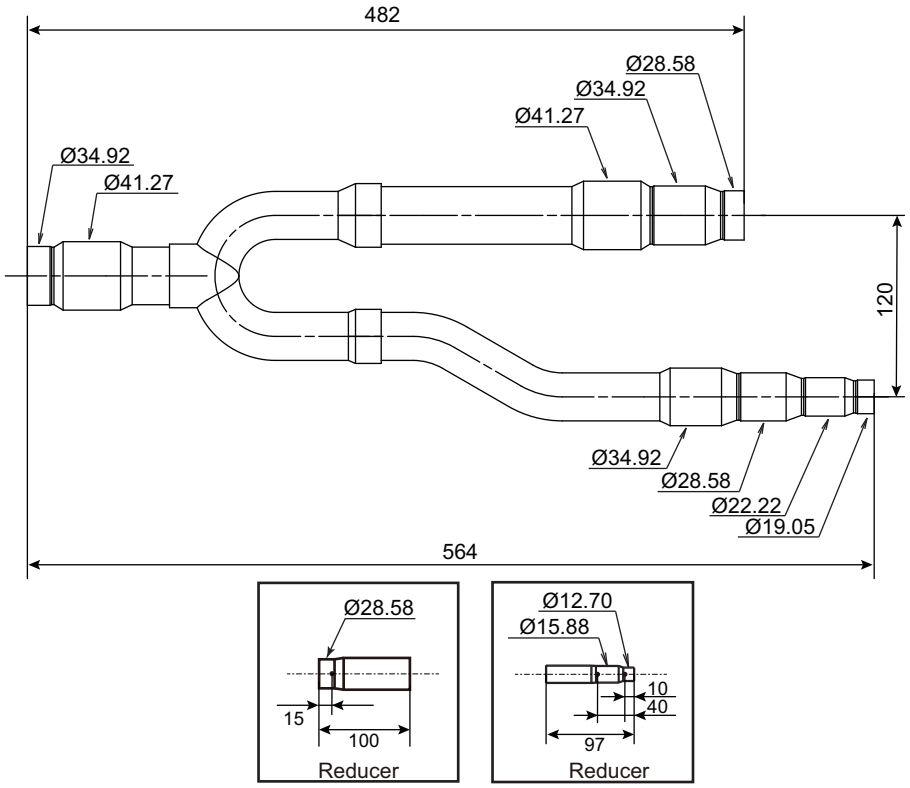
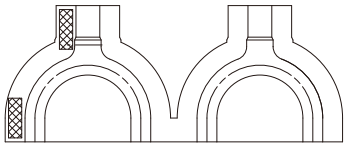
| Exterior | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Discharge gas pipe | 1 |

| Exterior | Part name | Q'ty |
|---|---|---|
|  | Discharge gas pipe | 1 |
|  <br>For liquid pipe × 1<br>For discharge gas pipe × 1<br>For suction gas pipe × 1 | Heat insulation | 3 |
| | Tape | 8 |

# ■ Model: UTP-BX567A

Unit: mm

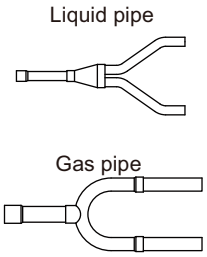
| Exterior | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Discharge gas pipe | 1 |

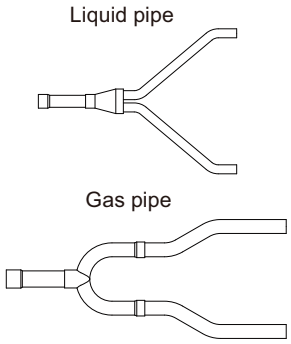
| Exterior | Part name | Q'ty |
|---|---|---|
|  <br><br> | Suction gas pipe | 1 |
|  <br>For liquid pipe × 1<br>For gas pipe × 1 | Heat insulation | 2 |
| | Tape | 8 |

# 5. Separation Tube for RB Unit

## 5-1. Connection capacity

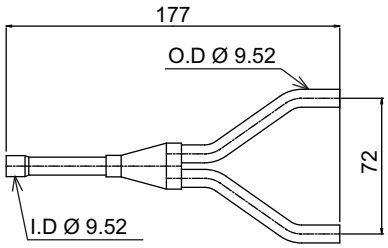
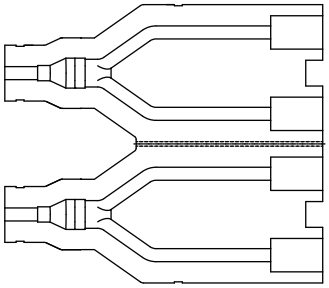
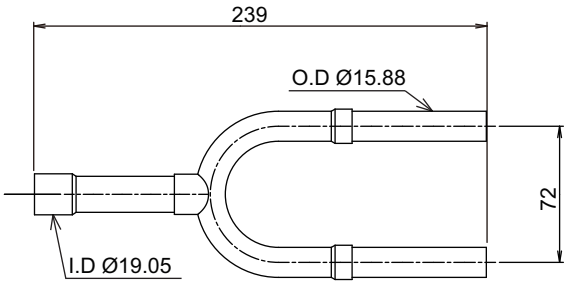
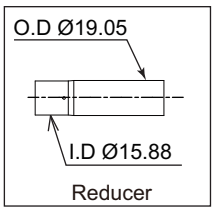
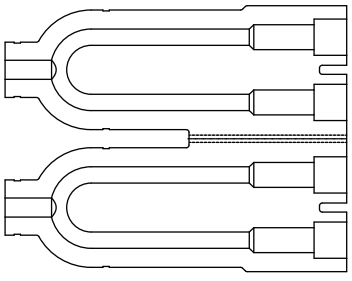
Connection capacity values written in this section are reference values. For pipe designing, refer to "Piping design" in Chapter 6. SYSTEM DESIGN on page 06-52.

| For 2-port merging | | |
|---|---|---|
| **Total cooling capacity of indoor units at rated condition (kW)** | **Model name** | **Exterior** |
| 8.1 to 18.0 | UTP-EX060A |  |

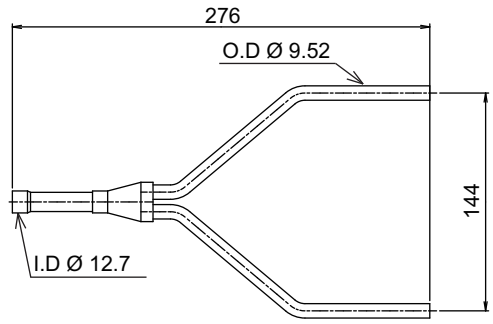
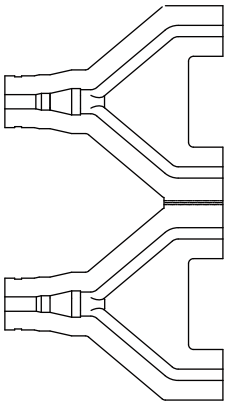
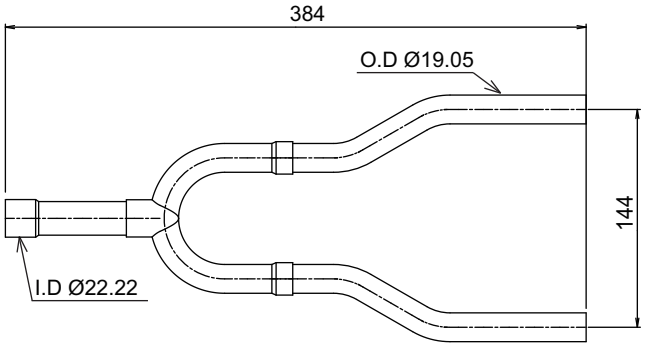
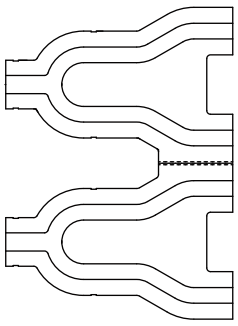
| For 4-port merging | | |
|---|---|---|
| **Total cooling capacity of indoor units at rated condition (kW)** | **Model name** | **Exterior** |
| 18.1 to 28.0 | UTP-EX096A |  |

# 5-2. Dimensions

## ■ Model: UTP-EX060A

| Exterior (Unit: mm) | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Heat insulation | 1 |
|  <br>  | Gas pipe | 1 |
|  | Heat insulation | 1 |
| | Cable tie | 6 |

# ■ Model: UTP-EX096A

| Exterior (Unit: mm) | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Heat insulation | 1 |
|  | Gas pipe | 1 |
|  | Heat insulation | 1 |
| | Cable tie | 1 |

# 6. Header

## 6-1. Connection capacity

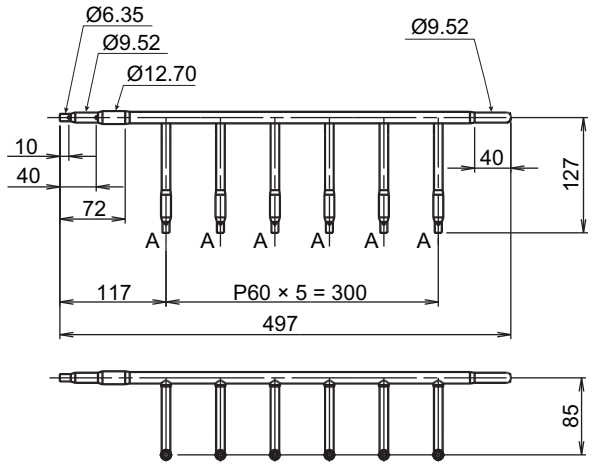
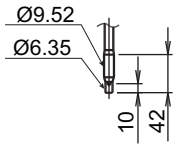
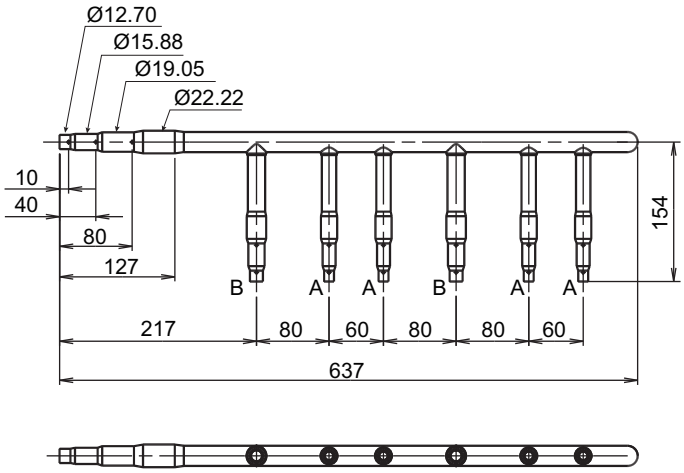
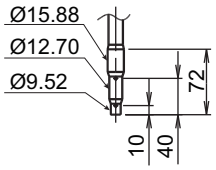
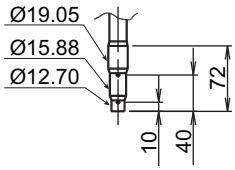
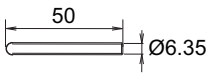
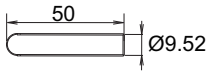
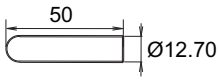
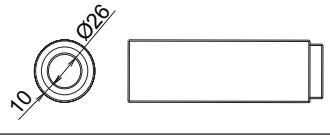
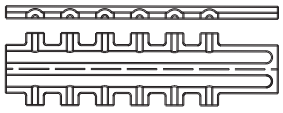
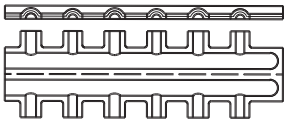
For pipe designing, refer to "Piping design" in Chapter 6. SYSTEM DESIGN on page 06-52.

| Total cooling capacity of indoor units (kW) | For 2 pipes | | For 3 pipes | |
|---|---|---|---|---|
| | 3 to 6 Branches | 3 to 8 Branches | 3 to 6 Branches | 3 to 8 Branches |
| 28.0 or less | UTR-H0906L | UTR-H0908L | UTP-J0906A | UTP-J0908A |
| 28.1 to 56.0 | UTR-H1806L | UTR-H1808L | UTP-J1806A | UTP-J1808A |

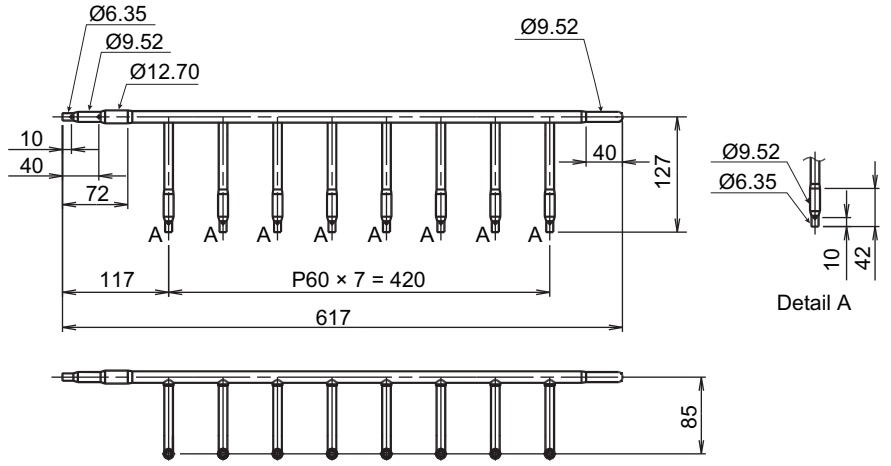
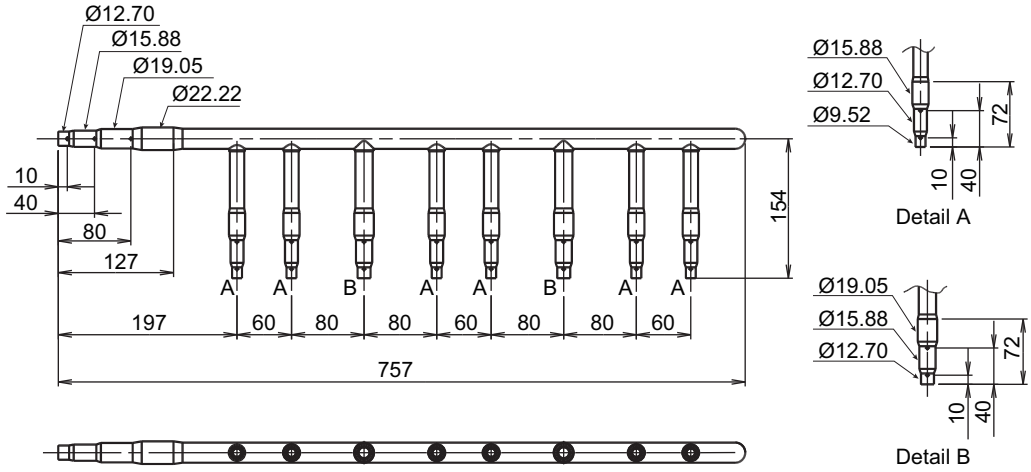
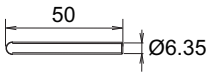
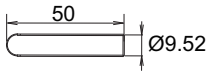
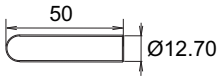
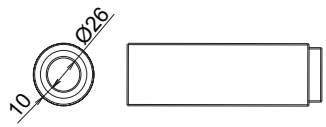
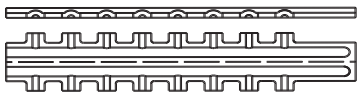
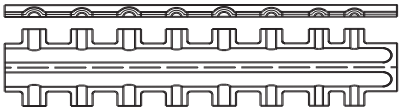
Total cooling capacity of indoor unit is the total value for the cooling capacity at rated condition of indoor unit connected downstream.

# 6-2. Dimensions

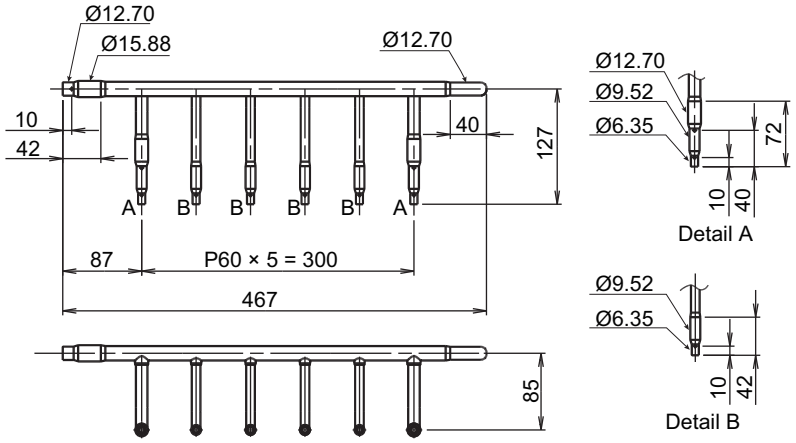
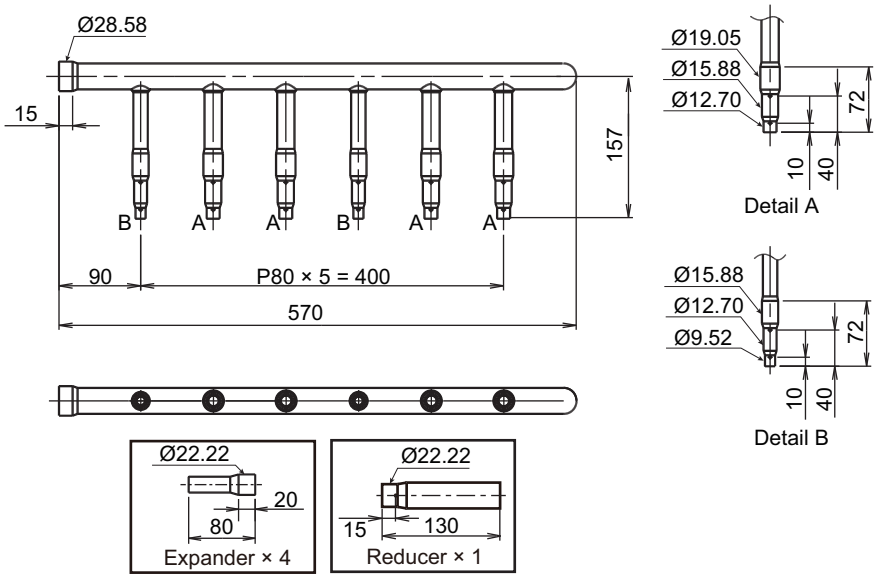
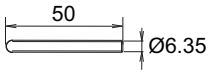
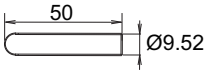
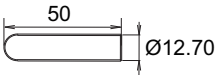
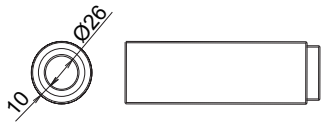
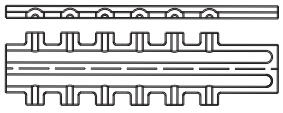
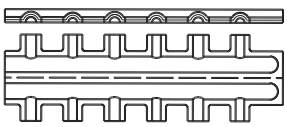
## ■ Model: UTR-H0906L

| Exterior (Unit: mm) | Part name | Q'ty |
|---|---|---|
|   Detail A | Liquid pipe | 1 |
|   Detail A  Detail B | Gas pipe | 1 |
|  | Closed pipe A | 4 |
|  | Closed pipe B | 2 |
|  | Closed pipe C | 2 |
|  | Closed pipe insulation | 6 |
|  | Heat insulation for liquid pipe | 1 |
|  | Heat insulation for gas pipe | 1 |
| | Cable tie | 10 |

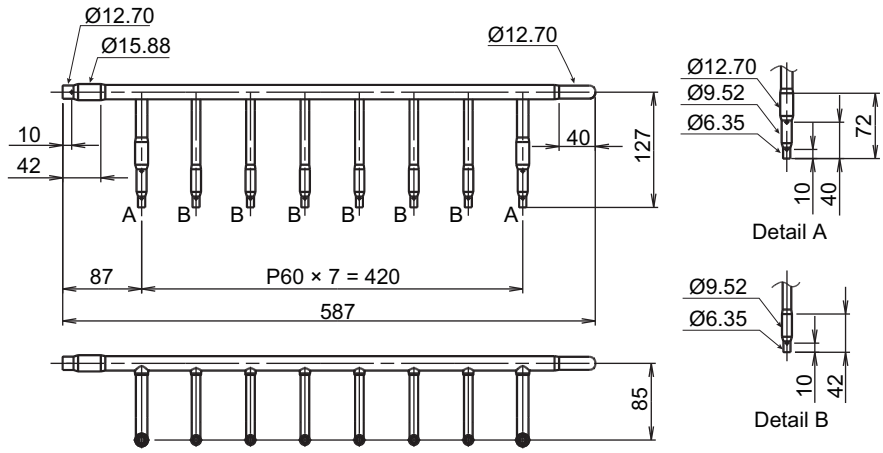
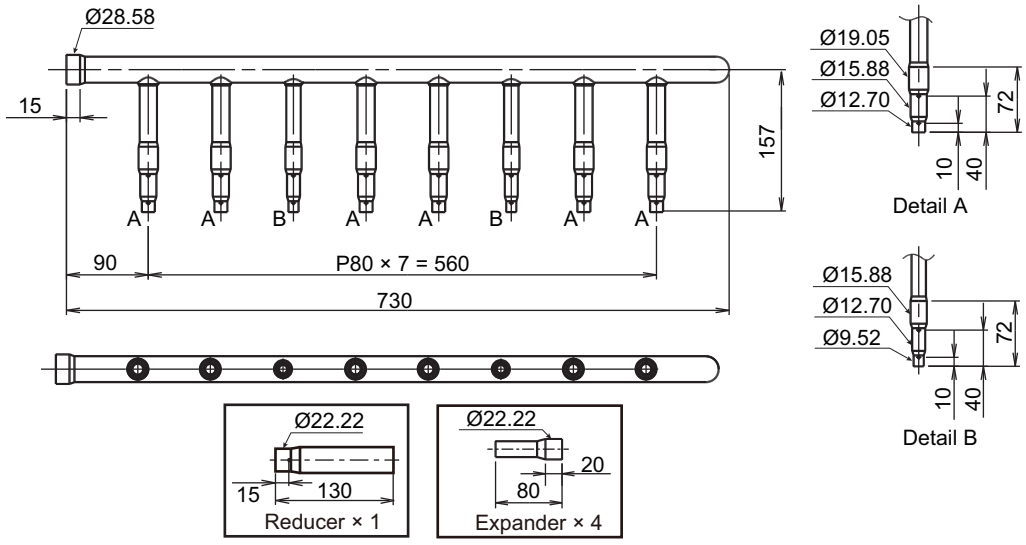
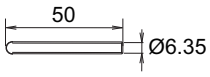
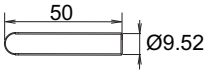
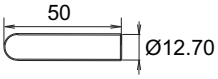
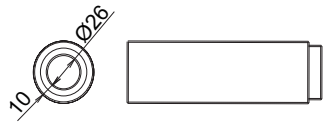
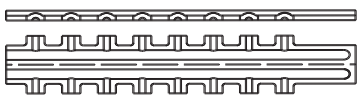
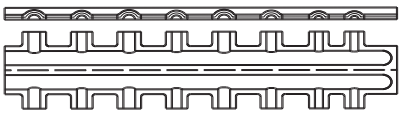
# ■ Model: UTR-H0908L

| Exterior (Unit: mm) | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Gas pipe | 1 |
|  | Closed pipe A | 6 |
|  | Closed pipe B | 4 |
|  | Closed pipe C | 2 |
|  | Closed pipe insulation | 8 |
|  | Heat insulation for liquid pipe | 1 |
|  | Heat insulation for gas pipe | 1 |
| | Cable tie | 10 |

# ■ Model: UTR-H1806L

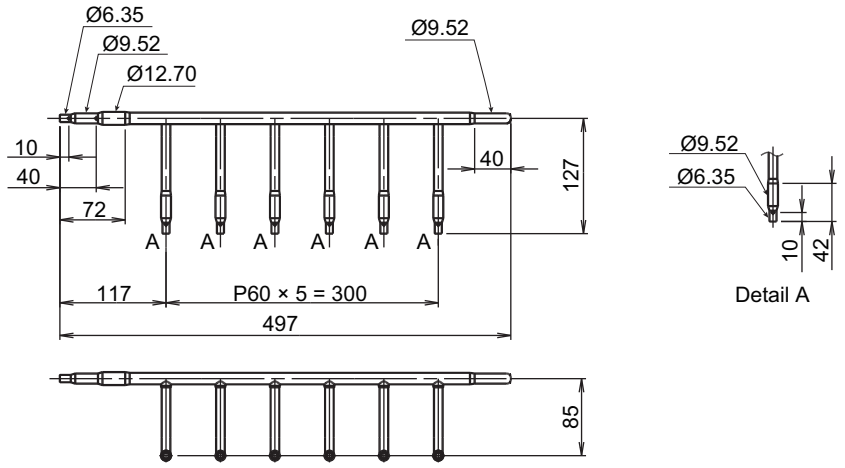
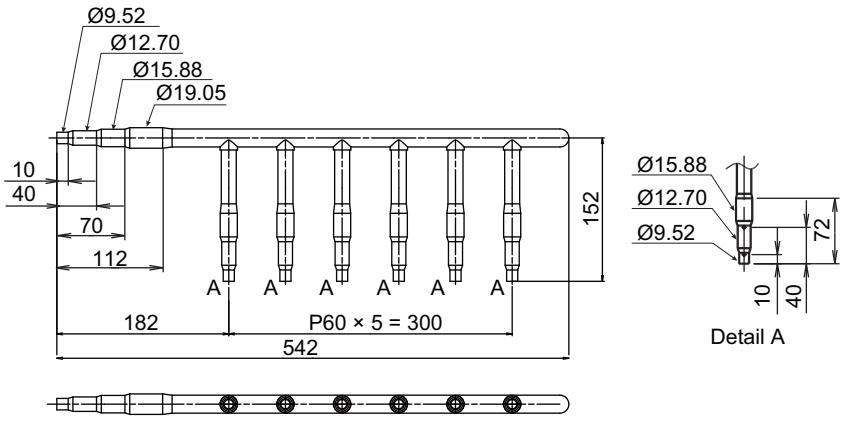
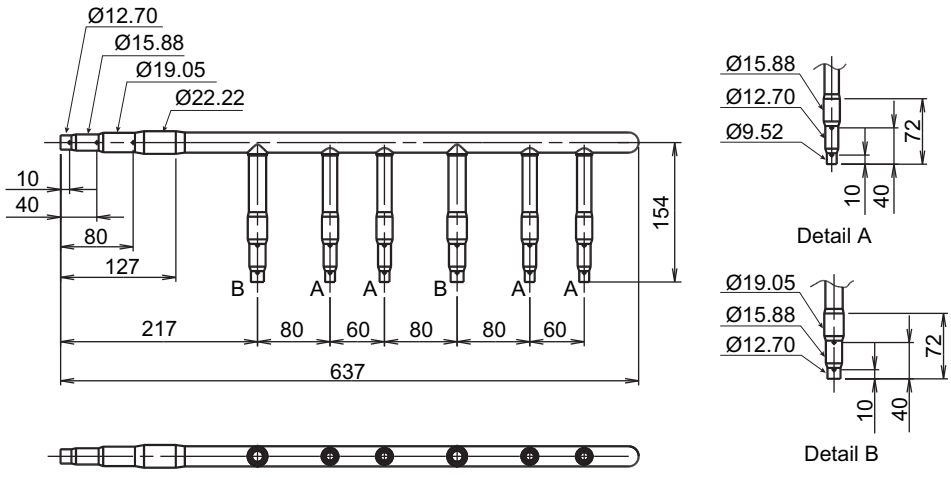
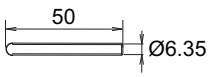
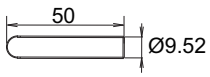
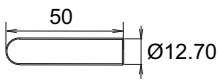
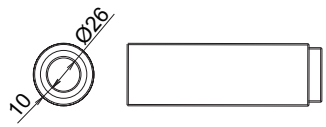
| Exterior (Unit: mm) | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Gas pipe | 1 |
|  | Closed pipe A | 4 |
|  | Closed pipe B | 2 |
|  | Closed pipe C | 2 |
|  | Closed pipe insulation | 6 |
|  | Heat insulation for liquid pipe | 1 |
|  | Heat insulation for gas pipe | 1 |
| | Cable tie | 10 |

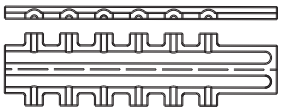
# ■ Model: UTR-H1808L

| Exterior (Unit: mm) | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Gas pipe | 1 |
|  | Closed pipe A | 6 |
|  | Closed pipe B | 2 |
|  | Closed pipe C | 4 |
|  | Closed pipe insulation | 8 |
|  | Heat insulation for liquid pipe | 1 |
|  | Heat insulation for gas pipe | 1 |
| | Cable tie | 10 |

# ■ Model: UTP-J0906A

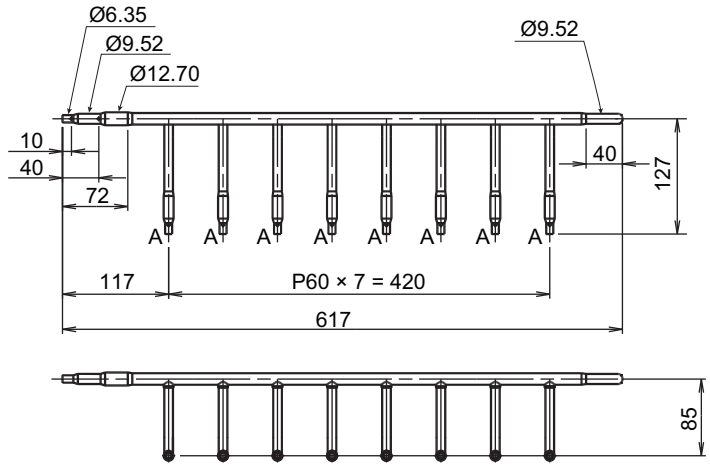
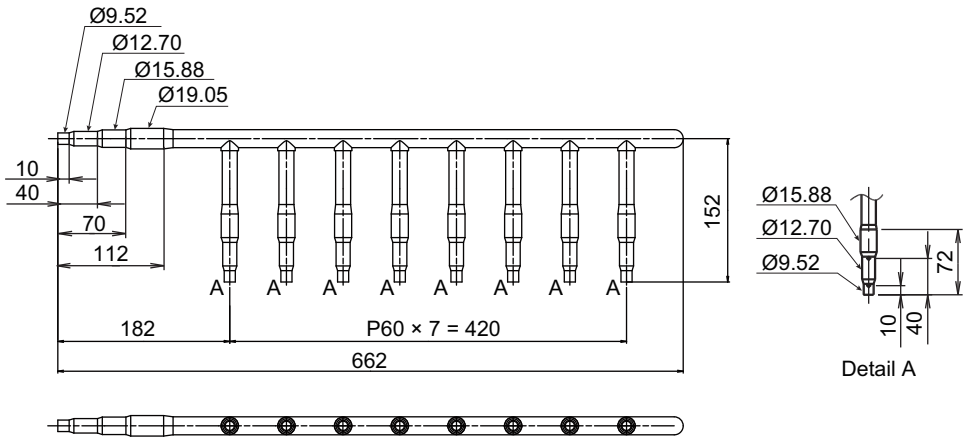
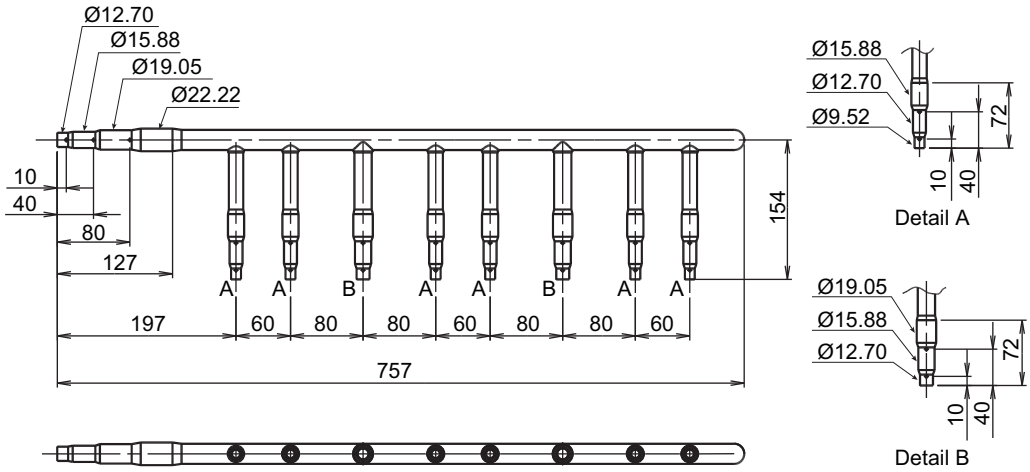
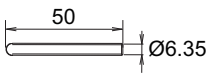
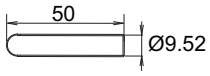
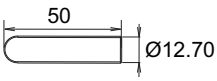
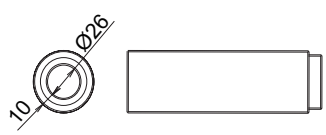
Unit: mm

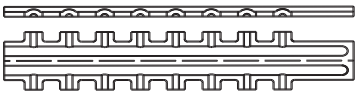
| Exterior | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Discharge gas pipe | 1 |
|  | Suction gas pipe | 1 |
|  | Closed pipe A | 3 |
|  | Closed pipe B | 5 |
|  | Closed pipe C | 2 |
|  | Closed pipe insulation | 9 |

| Exterior | Part name | Q'ty |
|---|---|---|
|  <br>For liquid pipe × 1<br>For discharge gas pipe × 1<br>For suction gas pipe × 1 | Heat insulation | 3 |

# ■ Model: UTP-J0908A

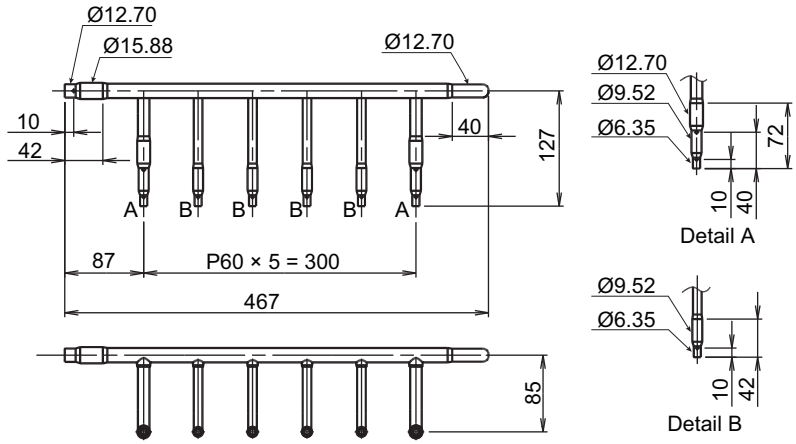
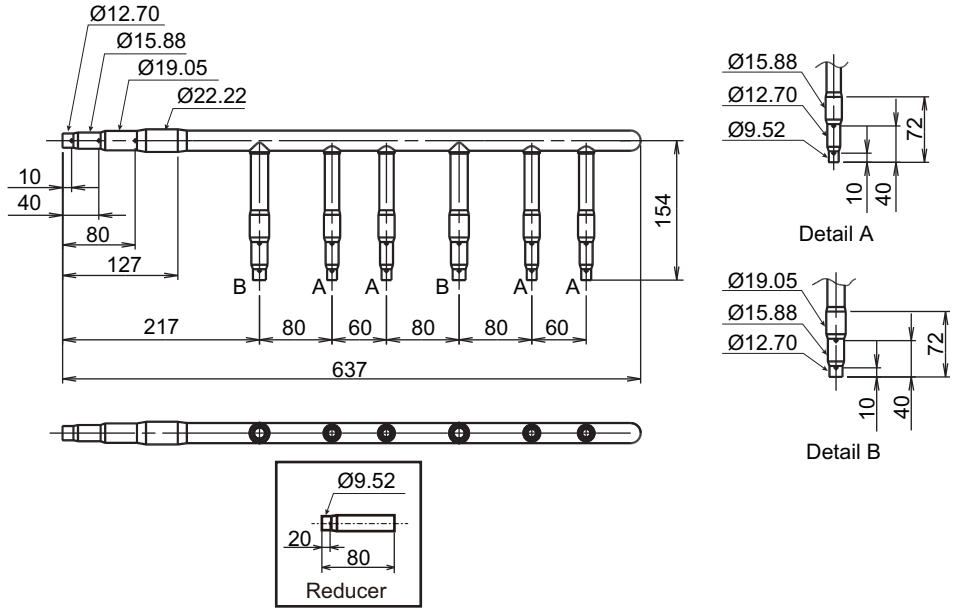
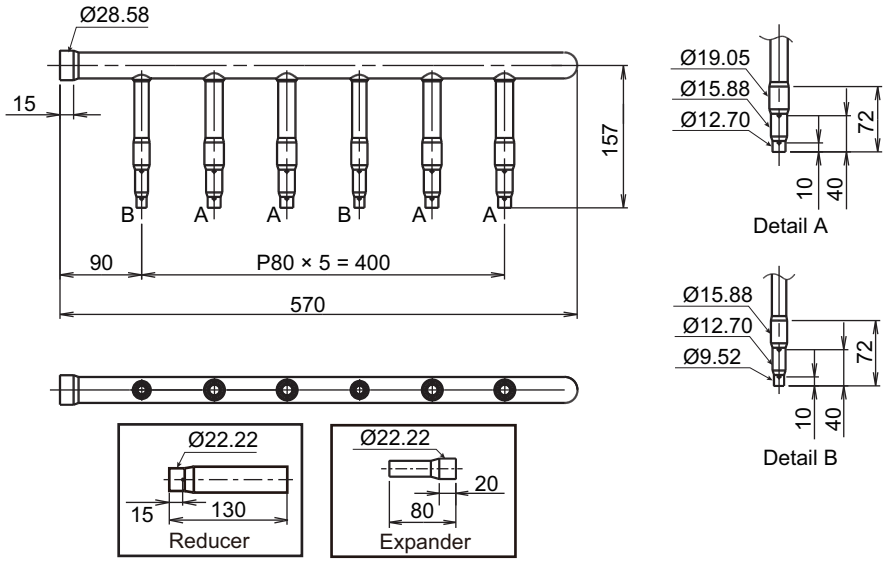
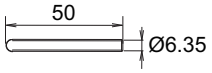
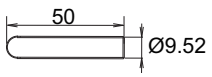
Unit: mm

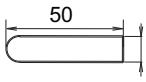
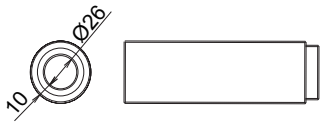
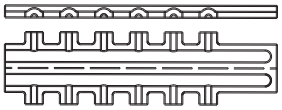
| Exterior | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Discharge gas pipe | 1 |
|  | Suction gas pipe | 1 |
|  | Closed pipe A | 5 |
|  | Closed pipe B | 9 |
|  | Closed pipe C | 2 |
|  | Closed pipe insulation | 15 |

| Exterior | Part name | Q'ty |
|---|---|---|
|  <br>For liquid pipe × 1<br>For discharge gas pipe × 1<br>For suction gas pipe × 1 | Heat insulation | 3 |

# ■ Model: UTP-J1806A

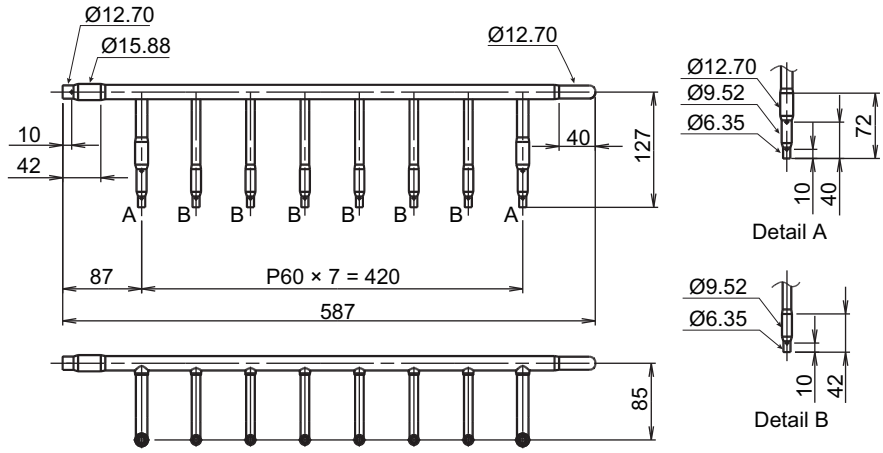
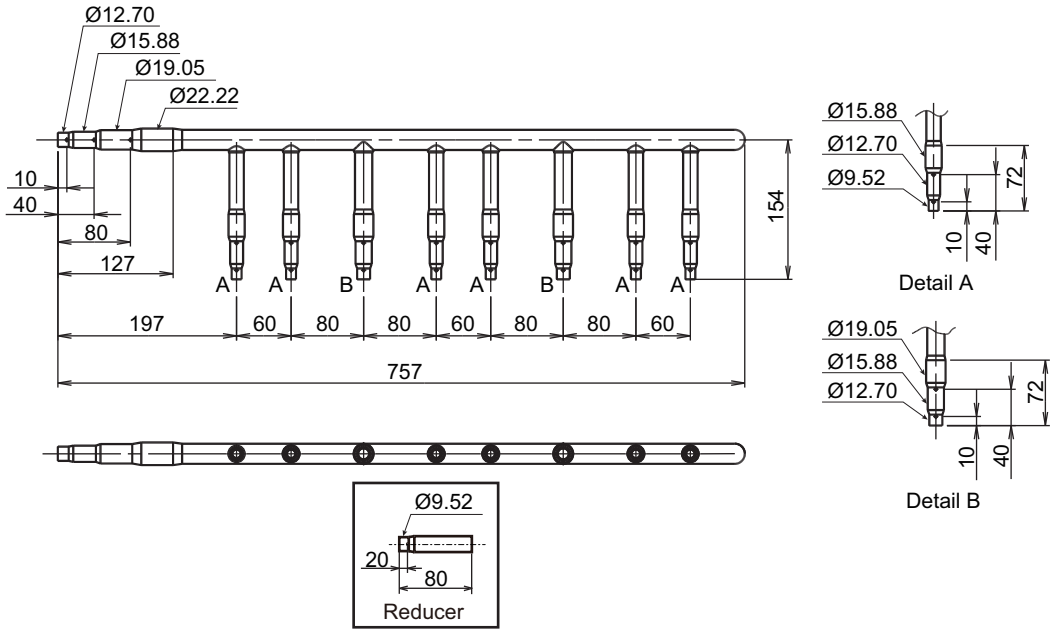
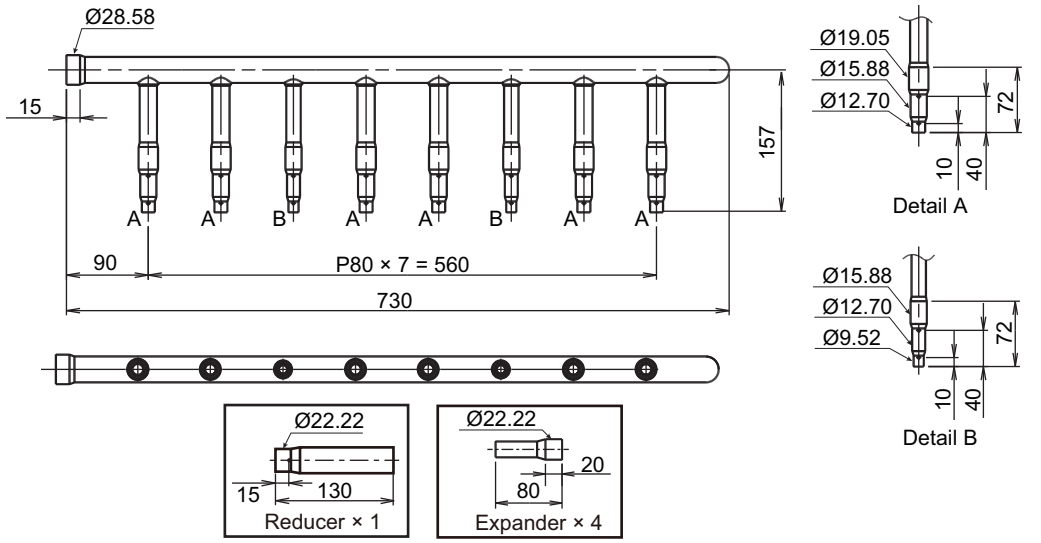
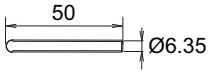
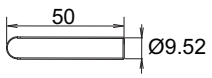
Unit: mm

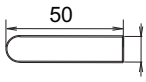
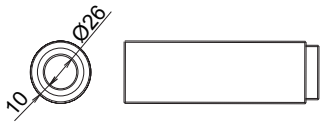
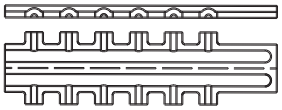
| Exterior | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Discharge gas pipe | 1 |
|  | Suction gas pipe | 1 |
|  | Closed pipe A | 3 |
|  | Closed pipe B | 4 |

| Exterior | Part name | Q'ty |
|---|---|---|
|  | Closed pipe C | 4 |
|  | Closed pipe insulation | 9 |
|  <br>For liquid pipe × 1<br>For discharge gas pipe × 1<br>For suction gas pipe × 1 | Heat insulation | 3 |

# ■ Model: UTP-J1808A

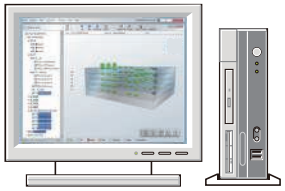
Unit: mm

| Exterior | Part name | Q'ty |
|---|---|---|
|  | Liquid pipe | 1 |
|  | Discharge gas pipe | 1 |
|  | Suction gas pipe | 1 |
|  | Closed pipe A | 5 |
|  | Closed pipe B | 6 |

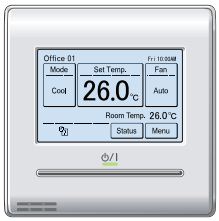
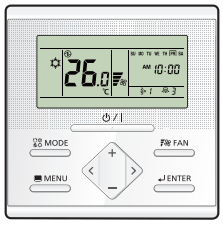
| Exterior | Part name | Q'ty |
|---|---|---|
|  | Closed pipe C | 6 |
|  | Closed pipe insulation | 15 |
|  <br>For liquid pipe × 1<br>For discharge gas pipe × 1<br>For suction gas pipe × 1 | Heat insulation | 3 |

# 7. Controllers

## 7-1. Central control

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
|  | System Controller | UTY-APGXZ1 | System Controller realizes the advanced integrated monitoring & control of VRF network system from small scale buildings to large scale buildings.<br>Optional: UTY-PEGXZ1, UTY-PPGXP2 |
| | System Controller Lite | UTY-ALGXZ1 | System Controller Lite has standard functions sufficient for air conditioner management in small and medium scale buildings.<br>Optional: UTY-PLGXA2, UTY-PLGXR2, UTY-PLGXE2, UTY-PLGXP2, UTY-PLGXX2 |
| | Touch Panel Controller | UTY-DTG∗Z1 | Controls and monitors our air conditioner via LAN or Internet. Allows user or tenant to manage the air conditioning by using assigned equipment only such as their PCs or smart devices from anywhere.<br>Optional: UTY-PTGXA |
| | Central Remote Controller | UTY-DCG∗Z3 | Central control of small and medium sized buildings and tenants. Central Remote Controller realizes the trouble support function, remote monitoring, and remote operation. |

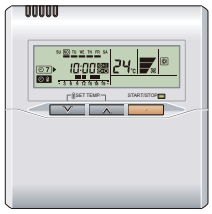
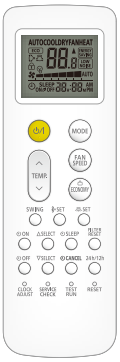
## 7-2. Individual control

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
| | Wired Remote Controller (Touch Panel) | UTY-RVR∗ | Remote controller that provides the functions you need in a sleek design that uniquely transforms itself to blend with any interior.<br>Wire type: Non-polar 2-wire |
|  | Wired Remote Controller (Touch Panel) | UTY-RNR∗Z∗ | Easy finger touch operation with LCD panel. Backlight LCD enables easy operation in a dark room.<br>Wire type: Non-polar 2-wire |
|  | Wired Remote Controller | UTY-RLR∗ | High visibility and easy operation. Room temperature can be accurately controlled using the thermo sensor.<br>Wire type: Non-polar 2-wire |





OPTIONAL PARTS

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
| | Wired Remote Controller | UTY-RCR∗Z1 | High visibility and easy operation.<br>Room temperature can be accurately controlled using the thermo sensor.<br>Wire type: Non-polar 2-wire |
|  | Wired Remote Controller | UTY-RNK∗ | Room temperature can be controlled by detecting the temperature accurately with thermo sensor.<br>Wire type: Polar 3-wire |
| | Simple Remote Controller | UTY-RSR∗ | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting, and operation mode.<br>Wire type: Non-polar 2-wire |
| | Simple Remote Controller (Without operation mode) | UTY-RHR∗ | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting.<br>Wire type: Non-polar 2-wire |
| | Simple Remote Controller | UTY-RSK∗ | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting, and operation mode.<br>Wire type: Polar 3-wire |
| | Simple Remote Controller (Without operation mode) | UTY-RHK∗ | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting.<br>Wire type: Polar 3-wire |
|  | Wireless Remote Controller | UTY-LNV∗ | Unit control is performed by wireless remote controller.<br>New simple and stylish design with backlight.<br>6-speed airflow control available. |
| | **NOTE:** 6-speed airflow control might not be available depends on the indoor unit function. For details, refer to "Indoor unit type and applicable control method" in Chapter 5. CONTROL SYSTEM on page 05-8. | | |

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
| | Wireless Remote Controller | UTY-LNH∗ | Unit control is performed by wireless remote controller. |

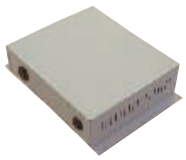
# 8. Adapter/Converter/Maintenance tool

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
| | Network Converter | UTY-VTGX | Split type systems can be controlled from a central controller via the converter. |
| | Network Converter (AC Power Supply) | UTY-VTGXV | Split type systems can be controlled from a central controller via the converter. |
| | Network Converter for LonWorks | UTY-VLGX | For connection between VRF network system and a LonWorks open network for management of small to medium-sized BMS. |
| | KNX Convertor for VRF | UTY-VKGX | For connection between VRF network system and a KNX open network. |
| | KNX Convertor for Indoor Unit | UTY-VKSX | For connection between Single split indoor unit and a KNX open network. |
| | Modbus Converter for VRF | UTY-VMGX | For connection between VRF network system and a Modbus open network. |
| | Modbus Converter for Indoor Unit | UTY-VMSX | For connection between Single split indoor unit and a Modbus open network. |
| | BACnet Gateway (Hardware) | UTY-VBGX | For connection between VRF network system to the BMS system using BACnet protocol. Supports max. 128 indoor units. |
| | BACnet Gateway (Software) | UTY-ABGXZ1 | The central control of maximum 1,600 indoor units can be realized by connecting the VRF network system to the BACnet, a global standard for open network. |
| | WLAN Adapter | UTY-TFSXZ1 | Remotely manage an Air Conditioning system using mobile devices such as Smartphones, and tablets. |

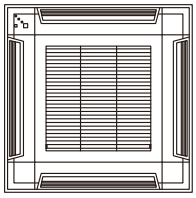
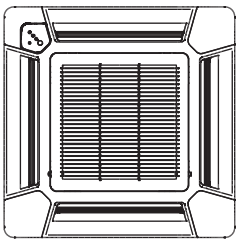
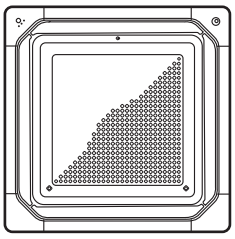
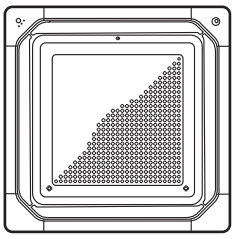
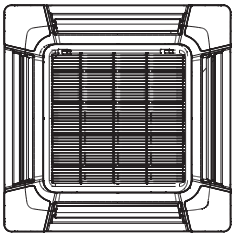
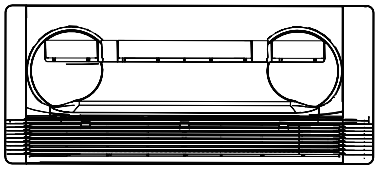
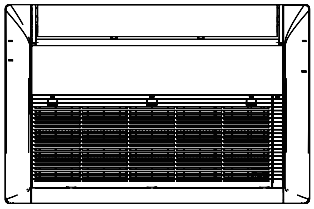




OPTIONAL PARTS

| Exterior | Part name | Model name | Summary |
|---|---|---|---|
|  | Signal Amplifier | UTY-VSGXZ1 | If the total length of transmission line exceeds 500 m, or the number of units exceeds 64, a Signal Amplifier will be necessary. |
| | External Switch Controller | UTY-TERX | Air conditioner switching can be controlled by connecting other external sensor switches. |
| | External Switch Controller | UTY-TEKX | Air conditioner switching can be controlled by connecting other external sensor switches. |
| | Service Tool | UTY-ASGXZ1 | Extensive monitoring and analysis functions for installation and maintenance. Operation status and error history can be grasped promptly and adequately. |
| | Web Monitoring Tool | UTY-AMGXZ1 | Trouble free operation at all times by web monitoring system. The operation status of the VRF network system within the building can be monitored in real time over the Internet. |

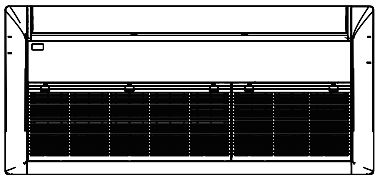
# 9. Cassette Grille

| Exterior | Model name | Remarks |
|---|---|---|
|  For Compact cassette type | UTG-UF∗E-W | Grid type grille |
|  For Compact cassette type | UTG-UF∗C-W | Standard type grille |
|  For Circular flow cassette type | UTG-UK∗C-W | White |
|  For Circular flow cassette type | UTG-UK∗A-B | Black |
|  For 4-way flow cassette type | UTG-UG∗A-W | |
|  For 3D flow cassette type | UTG-US∗A-W | |
|  For One way flow cassette type | UTG-UN∗A-W | |





OPTIONAL PARTS

| Exterior | Model name | Remarks |
|---|---|---|
|  For One way flow cassette type | UTG-UN∗B-W | |





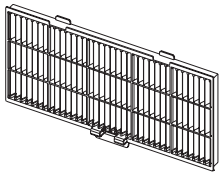
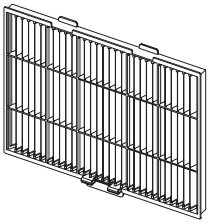
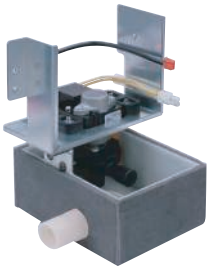
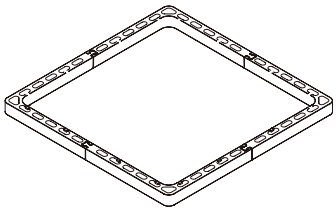


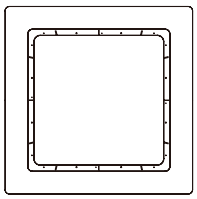
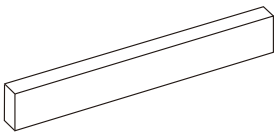
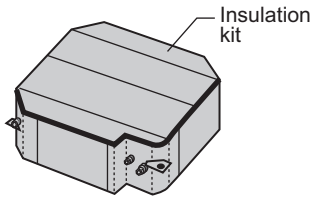
OPTIONAL PARTS

# 10. Others

## 10-1. Parts list

**NOTE:** For applicable indoor unit type, refer to "Applicable parts" on page 10-73.

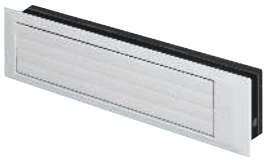
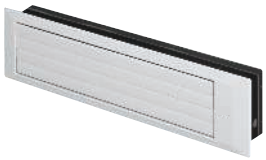
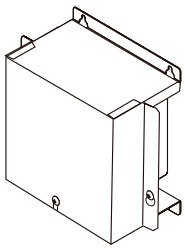
| Exterior | Part name | Model name |
|---|---|---|
| | Flange (Square) | UTD-SF045T |
| | Flange (Round) | UTD-RF204 |
|  × 2 pcs | Long-Life Filter | UTD-LF25NA |
|  × 2 pcs | Long-Life Filter | UTD-LF60KA |
| | Drain Pump Unit | UTZ-PX1NBA |
|  | Drain Pump Unit | UTR-DPB24T |
| | Air Outlet Shutter Plate | UTR-YDZB |
| | Air Outlet Shutter Plate | UTR-YDZK |
|  | Panel Spacer | UTG-BKXA-W |

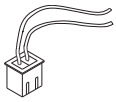
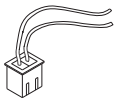
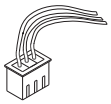
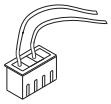
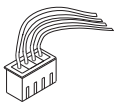
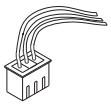
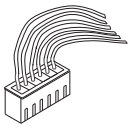
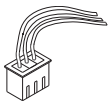
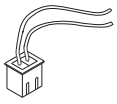
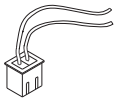
| Exterior | Part name | Model name |
|---|---|---|
|  | Wide Panel | UTG-AKXA-W |
|  | Half Concealed Kit | UTR-STA |
| | IR Receiver Unit | UTY-TRHX |
| | IR Receiver Unit | UTB-YWC |
| | IR Receiver Unit | UTY-LRH∗B1 |
| | IR Receiver Unit | UTY-LBHXD |
| | Human Sensor Kit | UTY-SHZXC |
| | Remote Sensor Unit | UTY-XSZXZ1 |
| Install when the condition under the roof is over 80% in humidity and over 30 °C in temperature.<br>  | Insulation Kit for High Humidity | UTZ-KXRA<br>UTZ-KXGA<br>UTZ-KXGB<br>UTZ-KXGC |





OPTIONAL PARTS

| Exterior | Part name | Model name |
|---|---|---|
| | Fresh Air Intake Kit | UTZ-VXAA |
| | Fresh Air Intake Kit | UTZ-VXGA |
| | Fresh Air Intake Kit | UTZ-VXRA |
|  | Auto Louver Grille Kit | UTD-GXTA-W<br>UTD-GXTB-W<br>UTD-GXTC-W |
|  | Auto Louver Grille Kit | UTD-GXSA-W<br>UTD-GXSB-W<br>UTD-GXSC-W |
| | External Power Supply Unit | UTZ-GXXA |
|  | External Power Supply Unit | UTZ-GXXC |

| Exterior | Model name |
|---|---|
|  For Outdoor unit and RB unit | UTY-XWZXZ6 |
|  For Indoor unit and Central Remote Controller | UTY-XWZXZ7 |
|  For Central Remote Controller | UTY-XWZXZ8 |
|  For Outdoor unit | UTY-XWZXZ9 |
|  For Touch Panel Controller and Central Remote Controller | UTY-XWZXZA |
|  For Indoor unit and RB unit | UTY-XWZXZB |
|  For Indoor unit | UTY-XWZXZC |
|  For Indoor unit | UTY-XWZXZD |
|  For Indoor unit | UTY-XWZXZE |
|  For Outdoor unit | UTY-XWZXZF |

# 10-2. Applicable parts

**RELATED LINKS**

"Indoor unit type and applicable control method" in Chapter 5. CONTROL SYSTEM on page 05-8
"Compatibility of VRF system" in Chapter 9. NOTES on page 09-10

## ■ For cassette type

| Type | Air Outlet Shutter Plate | | Panel Spacer | Wide Panel |
|---|---|---|---|---|
| | UTR-YDZB | UTR-YDZK | UTG-BKXA-W | UTG-AKXA-W |
| Compact cassette | ● | | | |
| Circular flow cassette | | ● | ● | ● |
| 3D flow cassette | | | | |
| 4-way flow cassette | | ● | ● | ● |
| One way flow cassette | | | | |

| Type | IR Receiver Unit | | | Human Sensor Kit |
|---|---|---|---|---|
| | UTY-TRHX | UTY-LRH∗B1 | UTY-LBHXD | UTY-SHZXC |
| Compact cassette | | | | |
| Circular flow cassette | | | ● | ● |
| 3D flow cassette | ● | | | |
| 4-way flow cassette | | ● | | |
| One way flow cassette | ● | | | |

| Type | Fresh Air Intake Kit | | | External Power Supply Unit |
|---|---|---|---|---|
| | UTZ-VXAA | UTZ-VXRA | UTZ-VXGA | UTZ-GXXA<br>UTZ-GXXC |
| Compact cassette | ● | | | ● |
| Circular flow cassette | | ● | | ● |
| 3D flow cassette | | | | ● |
| 4-way flow cassette | | ● | ● | |
| One way flow cassette | | | | ● |

| Type | External Connect Kit | | | | |
|---|---|---|---|---|---|
| | UTY-XWZXZ7 | UTY-XWZXZB | UTY-XWZXZC | UTY-XWZXZD | UTY-XWZXZE |
| Compact cassette | ● | ● | ● | ● | ● |
| Circular flow cassette | ● | ● | ● | ● | ● |
| 3D flow cassette | ● | ● | ● | ● | ● |
| 4-way flow cassette | ● | ● | ● | ● | ● |
| One way flow cassette | ● | ● | ● | ● | ● |





OPTIONAL PARTS

| Type | Model name | Optional parts | | | |
|---|---|---|---|---|---|
| | | Insulation Kit for High Humidity | | | Remote Sensor Unit |
| | | UTZ-KXRA<br>UTZ-KXGA | UTZ-KXRA<br>UTZ-KXGB | UTZ-KXGC | UTY-XSZXZ1 |
| Compact cassette | | | | ● | ● |
| Circular flow cassette | AUXM018GLEH | | ● | | ● |
| | AUXM024GLEH | | ● | | ● |
| | AUXM030GLEH | | ● | | ● |
| | AUXK018GLEH | ● | | | ● |
| | AUXK024GLEH | ● | | | ● |
| | AUXK030GLEH | ● | | | ● |
| | AUXK034GLEH | ● | | | ● |
| | AUXK036GLEH | ● | | | ● |
| | AUXK045GLEH | ● | | | ● |
| | AUXK054GLEH | ● | | | ● |
| 3D flow cassette | | | | | ● |
| One way flow cassette | | | | | ● |
| 4-way flow cassette | AUXD18GALH | | ● | | |
| | AUXD24GALH | | ● | | |
| | AUXA18GALH | ● | | | |
| | AUXA24GALH | ● | | | |
| | AUXA30GALH | ● | | | |
| | AUXA34GALH | ● | | | |
| | AUXA36GALH | ● | | | |
| | AUXA45GALH | ● | | | |
| | AUXA54GALH | ● | | | |

# ■ For duct type

| Type | | IR Receiver Unit | Flange | |
|---|---|---|---|---|
| | Model name | UTY-TRHX | UTD-SF045T | UTD-RF204 |
| Low static pressure duct (Mini duct) | | ● | | |
| Low static pressure duct (Slim duct)/Slim concealed floor | | ● | | |
| Low static pressure duct (High efficiency) | | ● | ● | ● |
| Medium static pressure duct | | ● | ● | ● |
| High static pressure duct | ARXC036GTEH | ● | | |
| | ARXC045GTEH | ● | | |
| | ARXC060GTEH | ● | | |
| | ARXC072GTEH | ● | | |
| | ARXC090GTEH | ● | | |
| | ARXC096GTEH | ● | | |

| Type | Drain Pump Unit | Remote Sensor Unit |
|---|---|---|
| | UTZ-PX1NBA | UTY-XSZXZ1 |
| Low static pressure duct (Mini duct) | | ● |
| Low static pressure duct (Slim duct)/Slim concealed floor | | ● |
| Low static pressure duct (High efficiency) | ● | ● |
| Medium static pressure duct | ● | ● |
| High static pressure duct | | ● |

| Type | External Connect Kit | | | | |
|---|---|---|---|---|---|
| | UTY-XWZXZ7 | UTY-XWZXZB | UTY-XWZXZC | UTY-XWZXZD | UTY-XWZXZE |
| Low static pressure duct (Mini duct) | ● | ● | ● | ● | ● |
| Low static pressure duct (Slim duct)/Slim concealed floor | ● | ● | ● | ● | ● |
| Low static pressure duct (High efficiency) | ● | ● | ● | ● | ● |
| Medium static pressure duct | ● | ● | ● | ● | ● |
| High static pressure duct | ● | ● | ● | ● | ● |

| Type | | Long-Life Filter | | External Power Supply Unit |
|---|---|---|---|---|
| | Model name | UTD-LF25NA | UTD-LF60KA | UTZ-GXXA<br>UTZ-GXXC |
| Low static pressure duct (Mini duct) | | | | ● |
| Low static pressure duct (Slim duct)/Slim concealed floor | | | | ● |
| Low static pressure duct (High efficiency) | | ● | | ● |
| Medium static pressure duct | | ● | | ● |
| High static pressure duct | ARXC036GTEH | | ● | ● |
| | ARXC045GTEH | | ● | ● |
| | ARXC060GTEH | | ● | ● |
| | ARXC072GTEH | | | ● |
| | ARXC090GTEH | | | ● |
| | ARXC096GTEH | | | ● |

| Type | | Auto Louver Grille Kit | | |
|---|---|---|---|---|
| | Model name | UTD-GXTA-W | UTD-GXTB-W | UTD-GXTC-W |
| Low static pressure duct (Mini duct) | ARXK004GLGH | ● | | |
| | ARXK007GLGH | ● | | |
| | ARXK009GLGH | ● | | |
| | ARXK012GLGH | ● | | |
| | ARXK014GLGH | ● | | |
| | ARXK018GLGH | | ● | |
| | ARXK024GLGH | | | ● |
| Low static pressure duct (Slim duct) /Slim concealed floor | ARXD007GLEH | ● | | |
| | ARXD009GLEH | ● | | |
| | ARXD012GLEH | ● | | |
| | ARXD014GLEH | ● | | |
| | ARXD018GLEH | | ● | |
| | ARXD024GLEH | | | ● |
| Low static pressure duct (High efficiency) | | | | |
| Medium static pressure duct | | | | |
| High static pressure duct | | | | |

| Type | | Auto Louver Grille Kit | | |
|---|---|---|---|---|
| | Model name | UTD-GXSA-W | UTD-GXSB-W | UTD-GXSC-W |
| Low static pressure duct (Mini duct) | | | | |
| Low static pressure duct (Slim duct) /Slim concealed floor | ARXD007GLEH | ● | | |
| | ARXD009GLEH | ● | | |
| | ARXD012GLEH | ● | | |
| | ARXD014GLEH | ● | | |
| | ARXD018GLEH | | ● | |
| | ARXD024GLEH | | | ● |
| Low static pressure duct (High efficiency) | | | | |
| Medium static pressure duct | | | | |
| High static pressure duct | | | | |

## ■ For floor type, floor/ceiling type, and ceiling type

| Type | Flange | Drain Pump Unit | Half Concealed Kit | External Power Supply Unit | Remote Sensor Unit |
|---|---|---|---|---|---|
| | UTD-RF204 | UTR-DPB24T | UTR-STA | UTZ-GXXA<br>UTZ-GXXC | UTY-XSZXZ1 |
| Compact floor | | | ● | ● | |
| Compact floor (EEV external) | | | ● | ● | |
| Floor/Ceiling | | | | ● | ● |
| Ceiling | ● | ● | | ● | ● |

| Type | External Connect Kit | | | | |
|---|---|---|---|---|---|
| | UTY-XWZXZ7 | UTY-XWZXZB | UTY-XWZXZC | UTY-XWZXZD | UTY-XWZXZE |
| Compact floor | ● | ● | ● | ● | ● |
| Compact floor (EEV external) | ● | ● | ● | ● | ● |
| Floor/Ceiling | ● | ● | ● | ● | ● |
| Ceiling | ● | ● | ● | ● | ● |

## ■ For wall mounted type

| Type | External Connect Kit | | | | |
|---|---|---|---|---|---|
| | UTY-XWZXZ7 | UTY-XWZXZB | UTY-XWZXZC | UTY-XWZXZD | UTY-XWZXZE |
| Wall mounted | ● | ● | ● | ● | ● |
| Wall mounted (EEV external) | ● | ● | ● | ● | ● |

| Type | External Power Supply Unit | Remote Sensor Unit |
|---|---|---|
| | UTZ-GXXA<br>UTZ-GXXC | UTY-XSZXZ1 |
| Wall mounted | ● | ● |
| Wall mounted (EEV external) | ● | ● |

## ■ For others

| Type | External Connect Kit | | | |
|---|---|---|---|---|
| | UTY-XWZXZ6 | UTY-XWZXZ7 | UTY-XWZXZ8 | UTY-XWZXZ9 |
| Outdoor unit | ● | | | ● |
| RB Unit | ● | | | |
| Touch Panel Controller | | | | |
| Central Remote Controller | | ● | ● | |

| Type | External Connect Kit | | |
|---|---|---|---|
| | UTY-XWZXZA | UTY-XWZXZB | UTY-XWZXZF |
| Outdoor unit | | | ● |
| RB Unit | | ● | |
| Touch Panel Controller | ● | | |
| Central Remote Controller | ● | | |





OPTIONAL PARTS

# 11. Optional parts installation

## 11-1. Drain pump unit for duct type

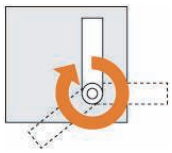
**RELATED LINKS**

"Applicable parts" on page 10-73

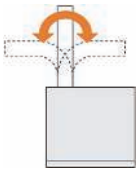
### ■ Specifications

| Model name | | UTZ-PX1NBA |
|---|---|---|
| Height of drain up | mm | Maximum 1,000 |
| Power source | | 220—240 V, 50/60 Hz |
| Power input (230 V, 50/60 Hz) | W | 12/10.8 |
| Current (230 V, 50/60 Hz) | mA | 114/92 |
| Dimensions (H × W × D) | mm | 176 × 178 × 154 |
| Weight | kg | 2.5 |
| Connection pipe diameter | | VP25 (I.D.: 25 mm, O.D.: 32 mm) |
| Direction of pipe connection*1 | | 360° |
| Angle of pipe connection *2 | | 0° to 90° (Horizontal to vertical) |
| Control method | | Control board of indoor unit |
| Safety device | | Float switch, Thermal fuse |

*1: Direction of pipe connection



*2: Angle of pipe connection

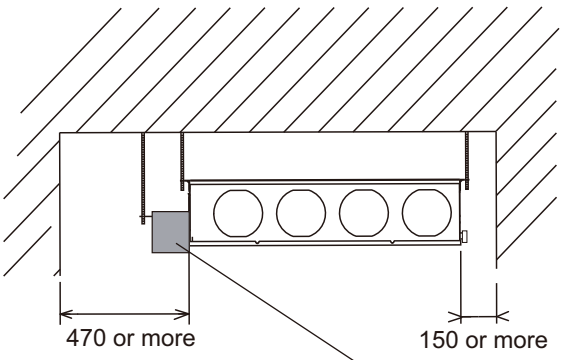


# ■ Installation

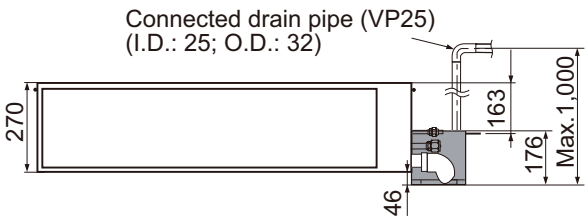
## ● Model: UTZ-PX1NBA

- **Mounting position**

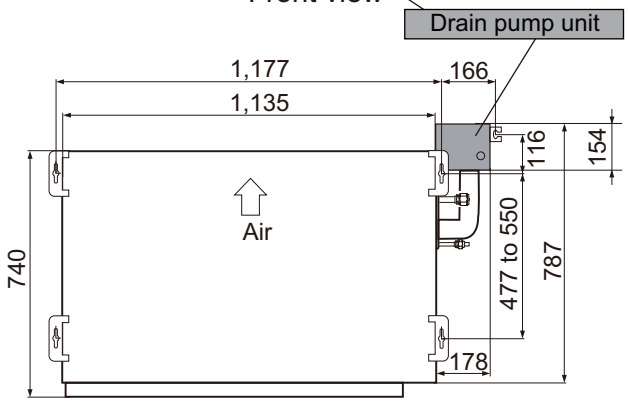
Unit: mm




Front view




Rear view

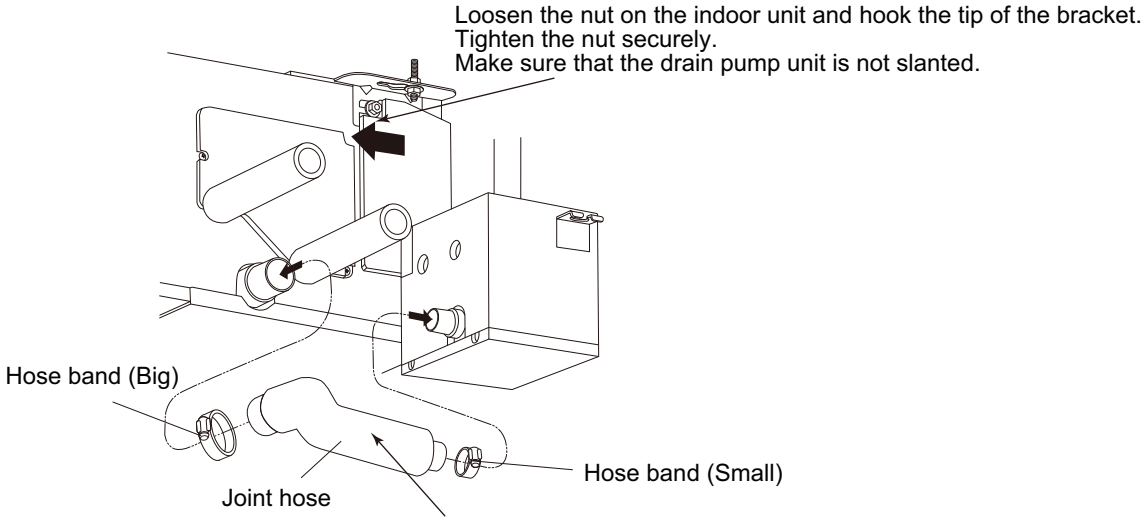


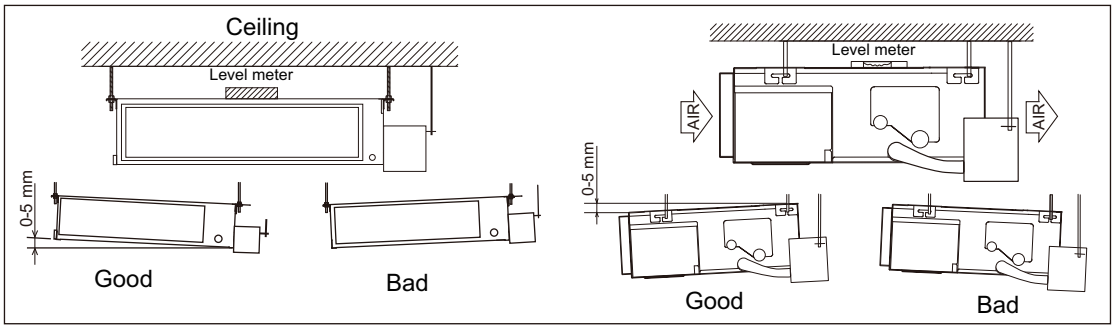

Top view

**NOTES:**

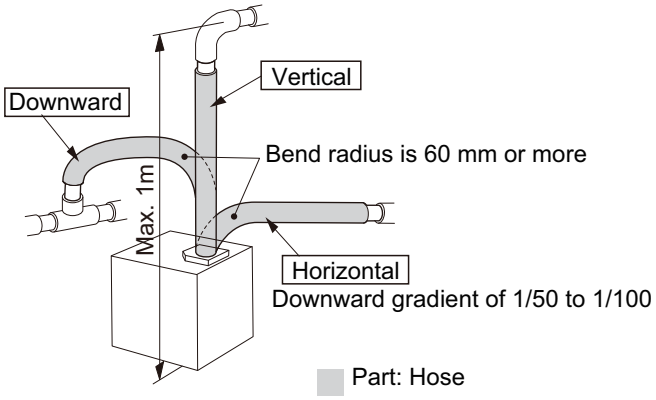
- Leave the space required to service the unit.
- Set a maintenance access near the drain pump unit.

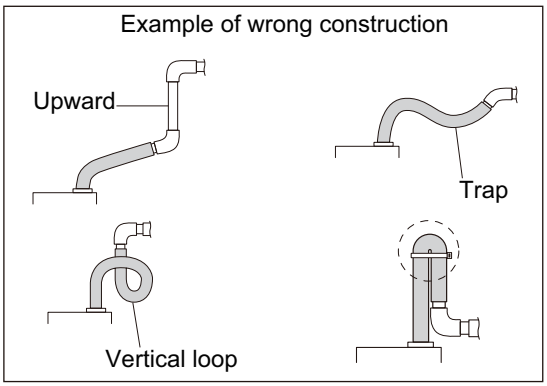
- **Installing**



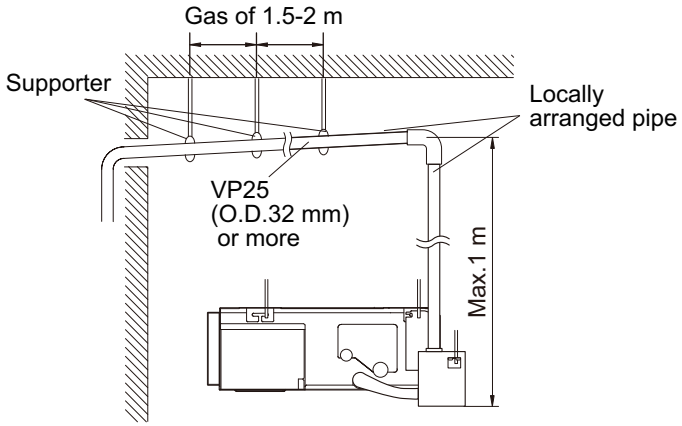



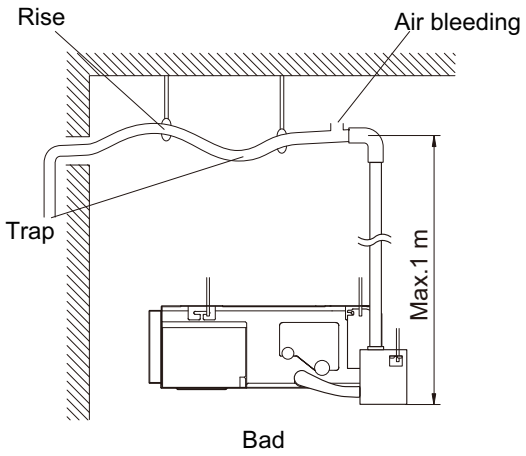

- **Installing hose**



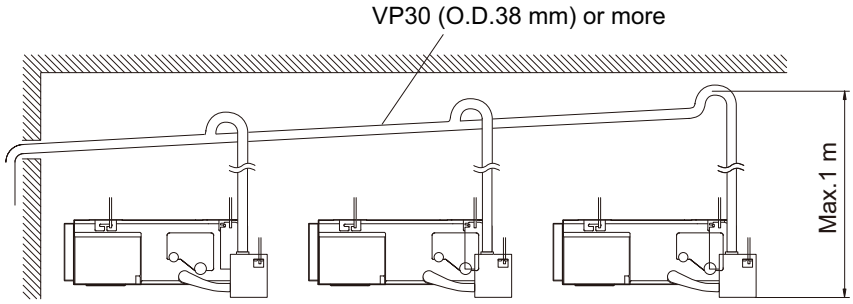



- **Installing pipe**



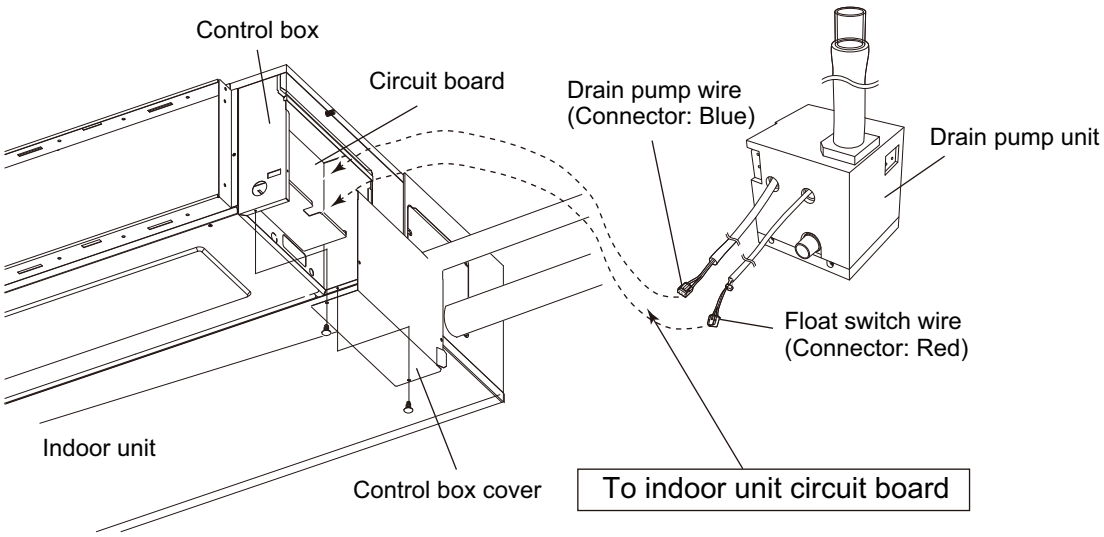

Bad




For construct centralized drain pipe fittings, refer to the electrical wiring.

# ■ Electrical wiring

## ● Model: UTZ-PX1NBA

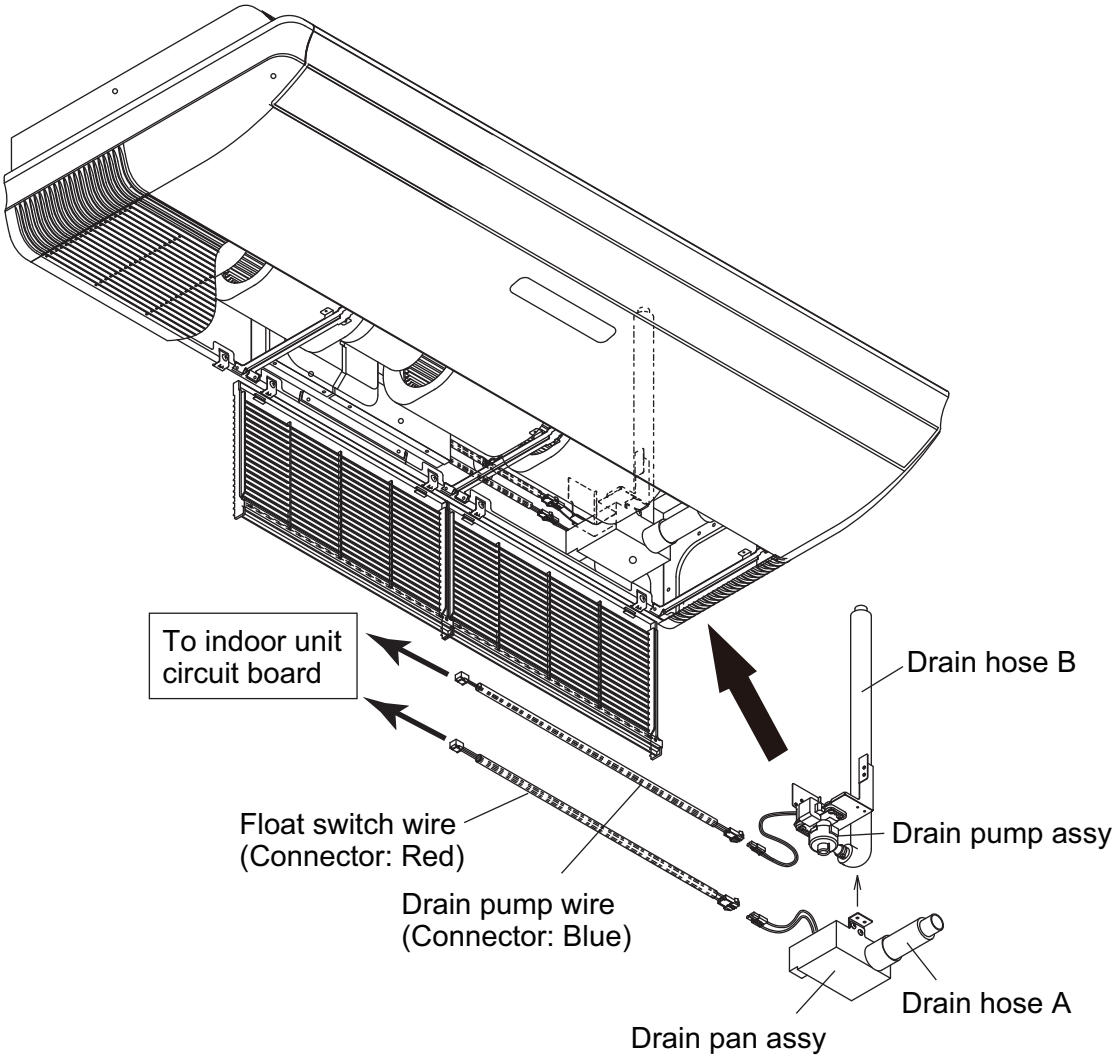


# 11-2. Drain pump unit for Ceiling type

**RELATED LINKS**

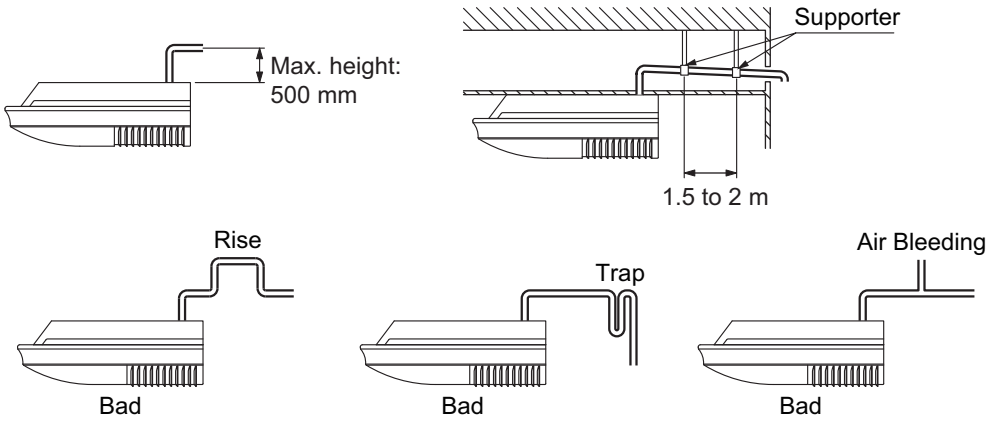
"Applicable parts" on page 10-73

## ■ Installing drain pump unit and electrical wiring




## ■ Installing pipe

- Set up the drain hose for a maximum rise 500 mm and give the drain pipe a downward gradient of 1/25 to 1/100.
- Install the drain pipe so there is no rise, trap, or air bleed.



# 11-3. Fresh air intake kit for Compact cassette type

**RELATED LINKS**

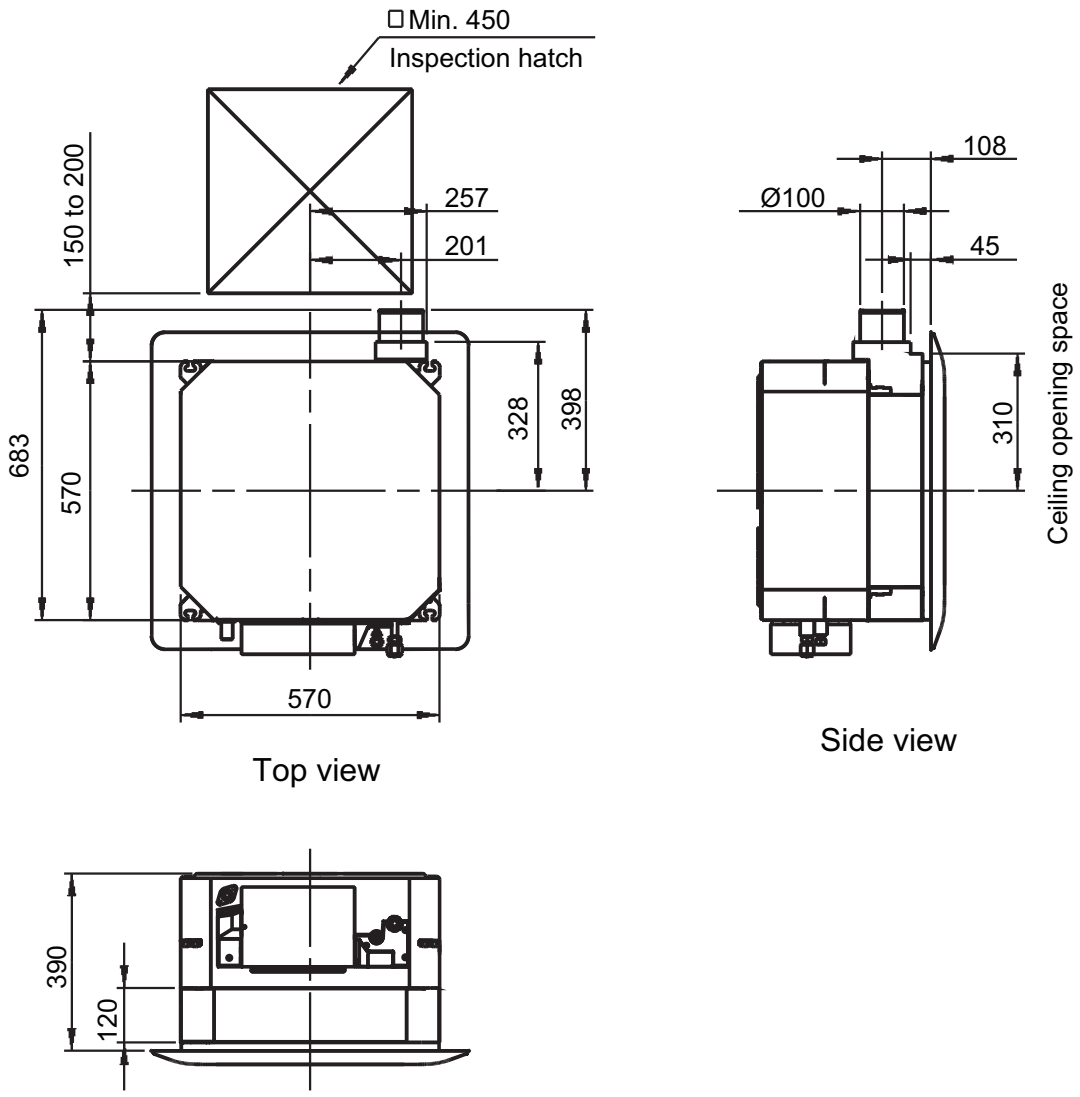
"Applicable parts" on page 10-73

## ■ Specifications

| Model name | | | | UTZ-VXAA |
|---|---|---|---|---|
| Fresh air intake | Max. fresh air intake volume | | % (For High) | 10 |
| Connection duct type | | | mm | Ø 100 |
| | | | Pcs | 1 |
| Dimensions (H × W × D) | | Net | mm | 120 × 570 × 570 |
| | | Gross | | 165 × 585 × 585 |
| Weight | | Net | kg | 3.5 |
| | | Gross | | 5.5 |

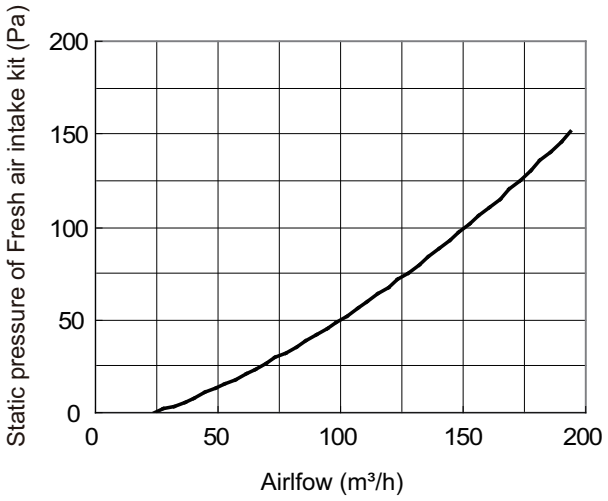
## ■ Dimensions

Unit: mm

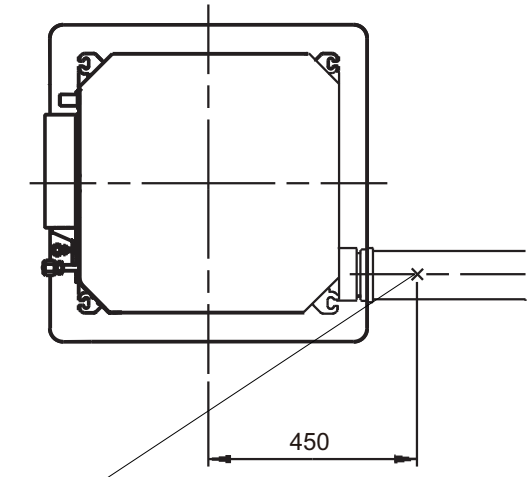



**NOTE:** When installing this kit, inspection hatch is necessary. (It is necessary when servicing.)

# ■ Airflow




Unit: mm




Measurement position of
shown in the graph

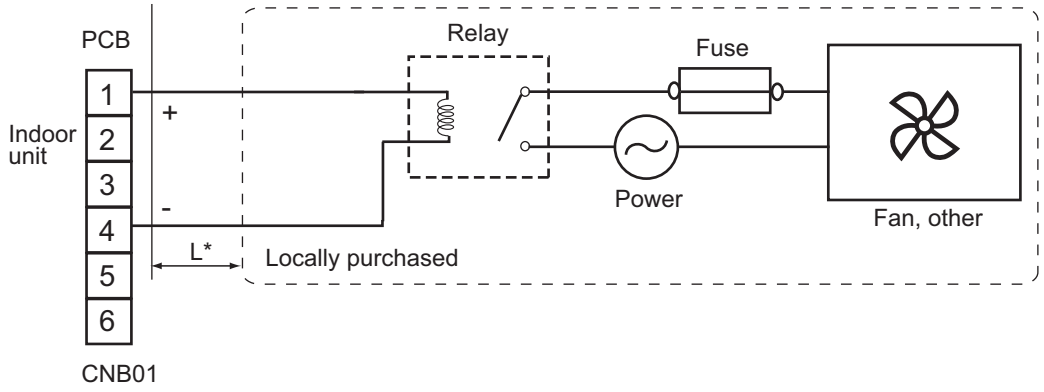
# ■ Fresh air control output

- You can control duct fan by synchronization with fan operation of indoor unit.
- Wire for fresh air control output is supplied with Fresh air intake kit.
- Extended length of the wire: Max. 25 m.

- **Connection diagram**

For Relay Output voltage: DC 12±2 V

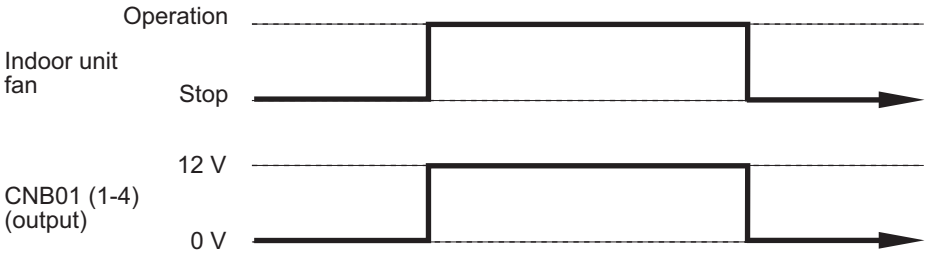
Permissible current: 50 mA



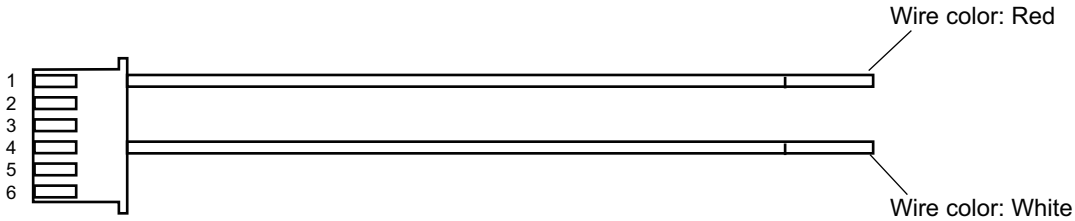

Actual number of pin might be different from the figure above.

L*: Make the distance from the PCB to the Relay unit within 25 m.

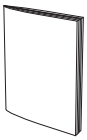
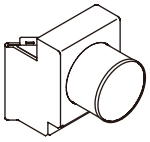
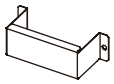
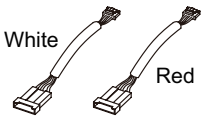
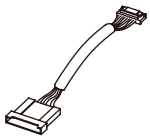
- **Operation status**




- **Wire (External output 3)**



# ■ Accessories

| Part name | Exterior | Qty | Part name | Exterior | Qty |
|---|---|---|---|---|---|
| Installation manual |  | 1 | Wire (External output 1) | | 1 |
| Chamber |  | 1 | Wire (External output 2) | | 1 |
| Wire cover |  | 1 | Wire (External output 3) | | 1 |
| Screw | | 4 | Bolt | | 4 |
| Extension wire for louver |  | 1 set | Cable tie | | 1 |
| Extension wire for receiver kit (For 9-pin receiver wire) |  | 1 | Extension wire for receiver kit (For 7-pin receiver wire) | | 1 |

# ■ Installation precautions

- **About Fresh air intake kit**
  - The Fresh air intake kit can be installed onto cassette type air conditioners.
  - The volume of ventilated air provided by the Fresh air intake kit may be unable to fulfill ventilation regulations in all countries. On such occasions we ask that this kit be used along with Energy recovery ventilators.
  - When intaking outside air, ensure correct air conditioning design as based on air conditioning load calculations. As outside air is not being processing an increase in outside air load can affect air conditioning.

- **Installation location**
  - Area that generated substances that adversely affect the equipment, such as sulfuric gas, chlorine gas, add, or alkali it will cause the copper pipes and brazed joints to corrode, which can cause refrigerant leakage.
  - Area with high salt content, such as at the seaside. It will deteriorate metal parts, causing the parts to fall or the unit to leaked water.
  - Be certain to use electric dampers and shutters to avoid infiltration of cold air, wind and fog during shutdown in areas with cold climate, strong winds, or where fogs are common.
  - Ensure the product in installed a distance of at least three times the duct diameter away from exterior wall air inlets, or air exhausts for the prevention of short circuits.

- **Temperature conditions**
  - Condensation may form on the product when outside air temperature is low and the temperature and humidity surrounding the product are high. Do not intake the air of below 0 °C into the Fresh air intake kit.
  - Do not take fresh air at a temperature that exceeds the upper limit of the operation temperature range of the outdoor unit.

- **About duct fan**
  - When installing the duct fan, connect the drive relay (locally purchased) and operate with the indoor unit.
  - Ensure the intake air volume is below 10 % of the product's air volume High. When the intake air volume becomes too large there the operating noise may increase and room temperature detection may be affected.

- **About the duct connection**
  - Purchase a duct with internal diameter that fits the external diameter of the duct flange.
  - Note that regulations of some countries may require the use of a nonflammable duct.
  - If the duct penetrates a fire-retarding division or other fire-proofing measures, the installation of fire dampers, or a construction that does not adversely affect fire control measure is a regulatory requirement of some countries.
  - When using metallic ducts, ensure metals (i.e., metal lath, wire lath, stainless sheeting) are electrically insulated. (A short occurring by electrical connection can cause fire.)
  - Ensure the thermally insulate connected ducts to prevent condensation.
  - Make certain that netting or other measures are installed in parts exposed to the outside air to prevent infiltration of small animals such as birds and insects.
  - Be certain to install external air filters to parts exposed to the outside air for heat exchanger protection of indoor equipment.
  - Avoid the infiltration of rain water by installing outside ducts with an incline of at least 1/30, and fitting hoods on openings.





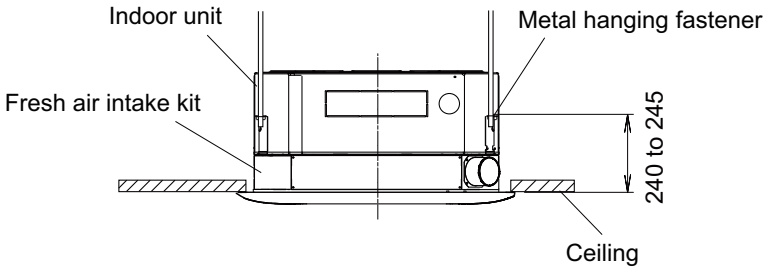
OPTIONAL PARTS

# ■ Installation

## ● Mounting of indoor unit

- For mounting, refer to the installation manual provided with indoor unit.
- When installing this product to existing indoor units, adjust the installation height of the indoor units to height 240 to 245 mm as shown below.

Unit: mm

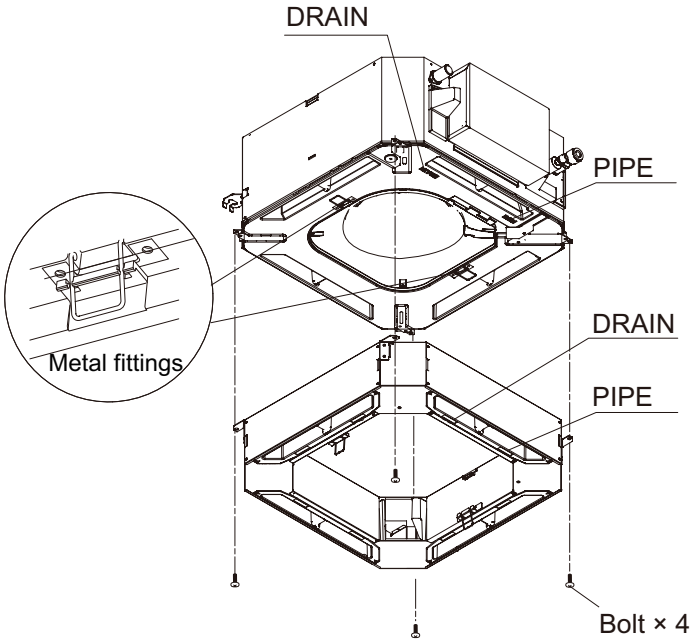



## ● Installation of Fresh air intake kit

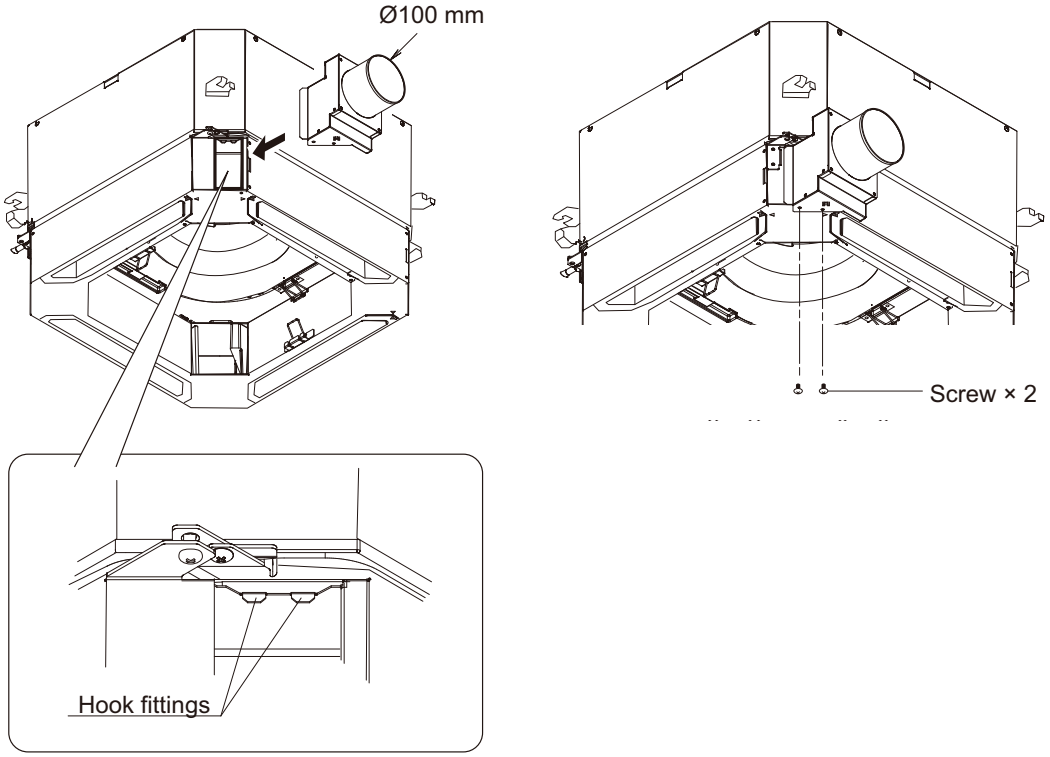
**⚠ CAUTION**

Installing the Fresh air intake kit with wrong direction is a cause of water leakage.

1. Attach the Fresh air intake kit to the main body using the bolts provided as shown below.

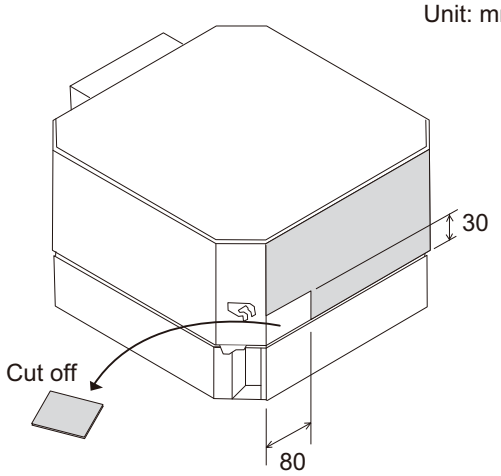


2. Install the chamber.
   Fit the four-sided holes of the chamber together with the hook fittings of the Fresh air intake kit (in two places), and secure the attached chamber in place with screws provided.




- When using the Insulation kit for high humidity (UTZ-KXGC), first cut off and remove the heat insulation as shown in the figure.
- Install the Insulation kit for high humidity according to the installation instruction sheet provided.

Unit: mm

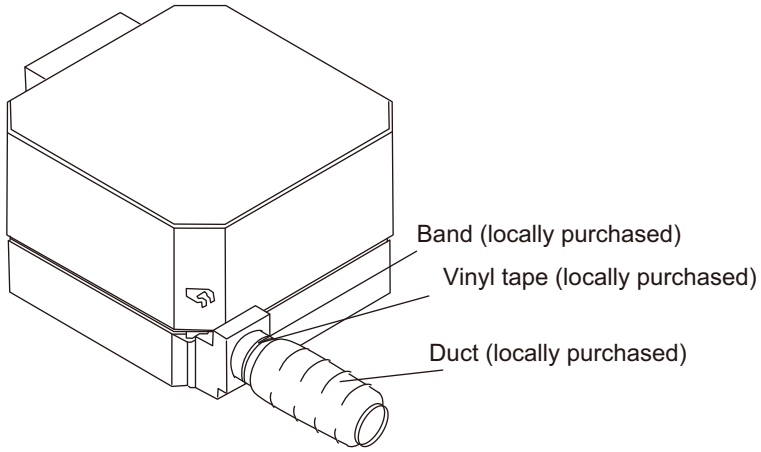


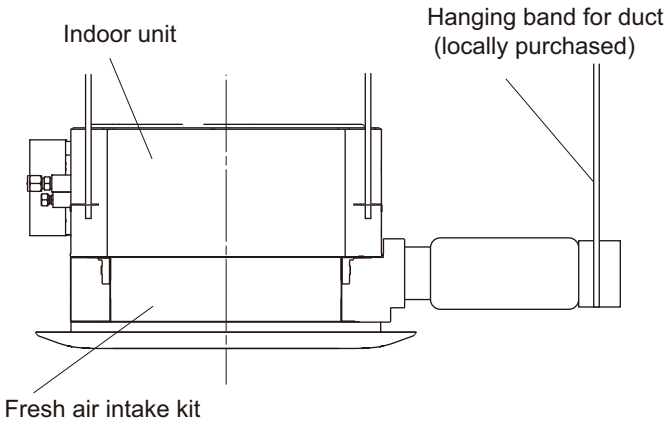
3. Install the duct.
   Fasten the connecting parts of the ducts with band, and wrap with vinyl tape to ensure no air leaks. (Carry out the work to ensure no air leakage at a pressure of 200 Pa.)

**NOTE:** Do not construct the duct in the manner of below.

- Extreme bends
- Highly repetitive bends
- Making the connecting duct diameters smaller

Completion figure

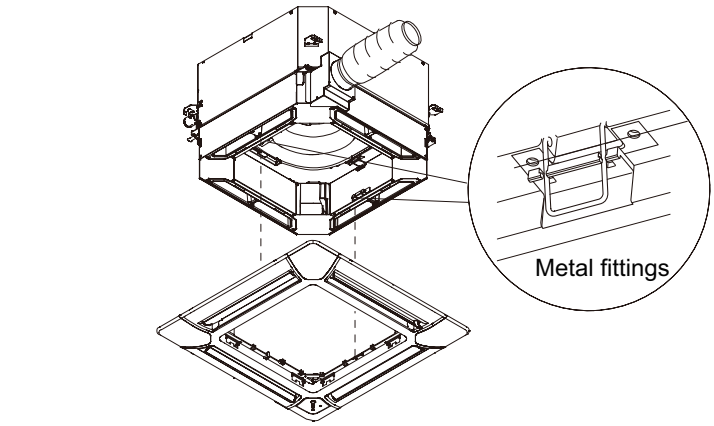


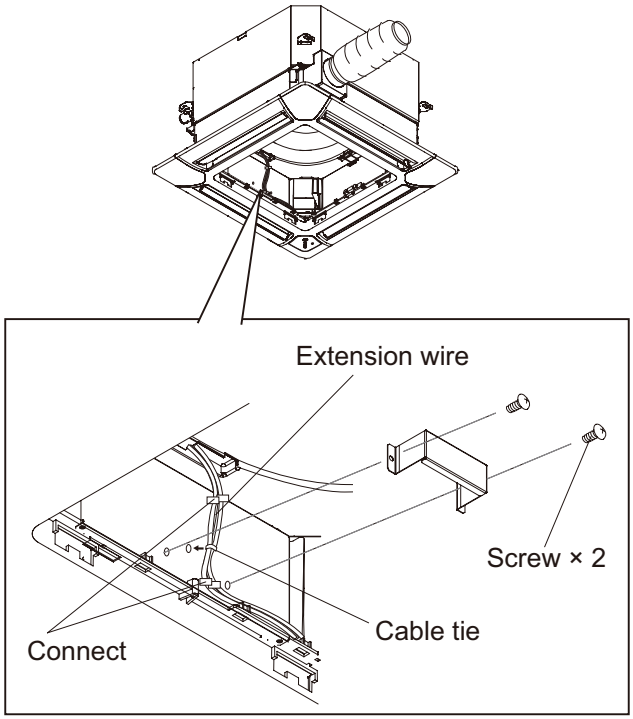




**NOTE:** When wiring of the duct fan is required, refer to "Fresh air control output" on page 10-86.

## ● Installation of Cassette grille

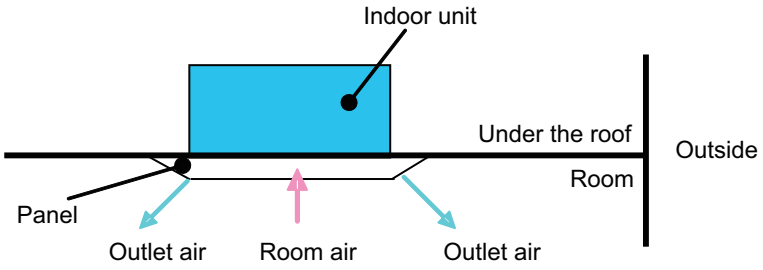
1. Connect extension wire for use with louvers, or extension wire for optical receiver after provisional attaching of the decoration panel.
2. Tie the wires together with the fasteners provided and insert into the hole of the Fresh air intake kit.
3. Install the wire-cover provided on the Fresh air intake kit.
4. Install decoration panel according to the installation instruction sheet provided.



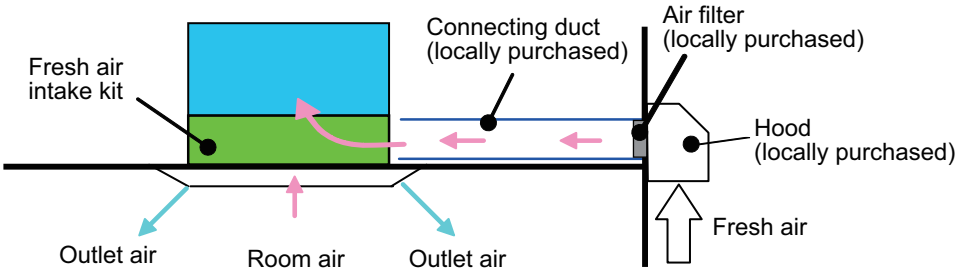



# ■ Installation example

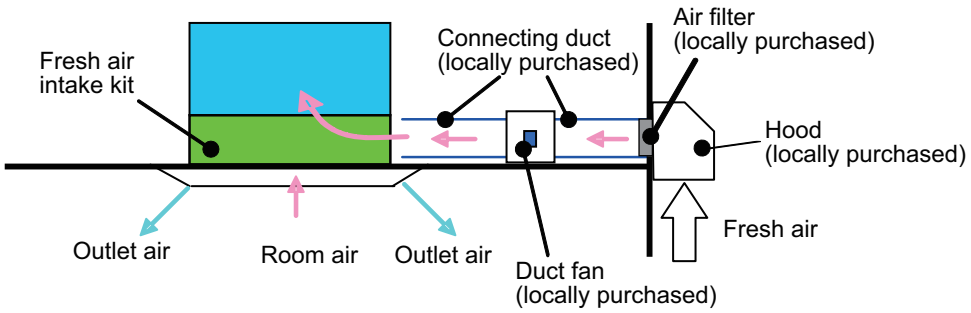
- **Standard**




- **Case 1: Intake by fan of indoor unit**




- **Case 2: Intake by duct fan**



# 11-4. Fresh air intake kit for Circular flow cassette type and 4-way flow cassette type

**RELATED LINKS**

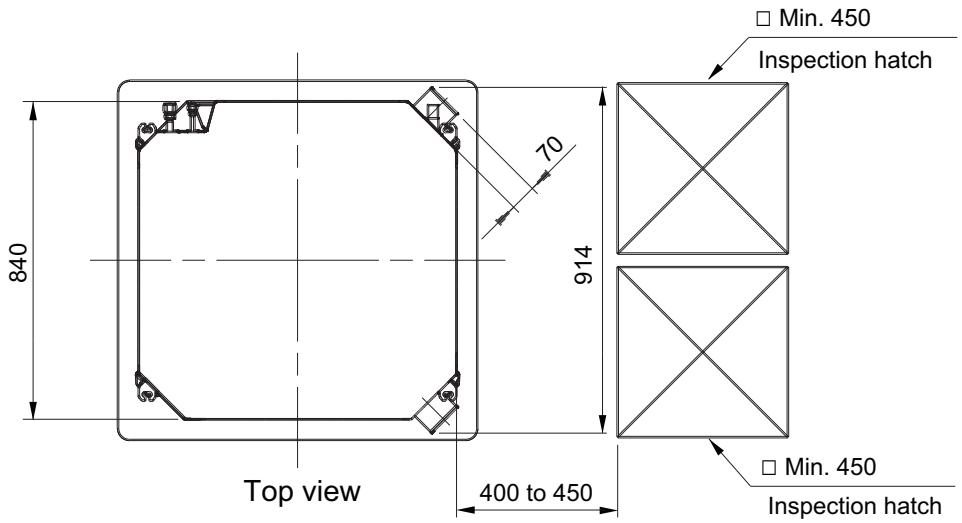
"Applicable parts" on page 10-73

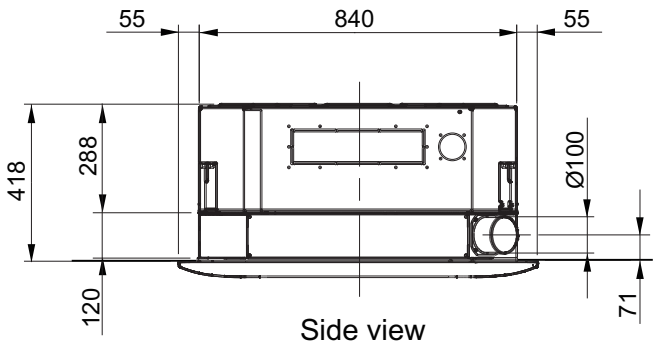
## ■ Specifications

| Model name | | | | UTZ-VXRA | UTZ-VXGA |
|---|---|---|---|---|---|
| Fresh air intake | Max. fresh air intake volume | 2-way intake | % (For High) | 10 | |
| | | 1-way intake | | 5 | |
| Connection duct type | | | mm | Ø100 | |
| | | | Pcs | 2 | |
| Dimensions (H × W × D) | | Net | mm | 120 × 840 × 840 | |
| | | Gross | | 165 × 860 × 860 | |
| Weight | | Net | kg | 6.0 | 5.5 |
| | | Gross | | 9.5 | 9.0 |

## ■ Dimensions

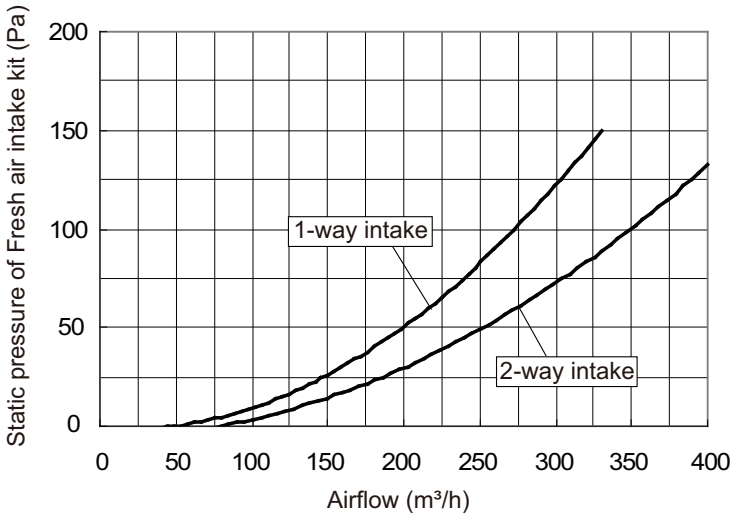
Unit: mm



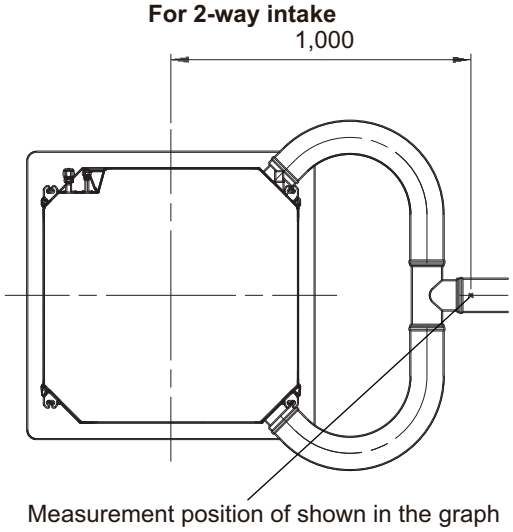

**NOTE:** When installing this kit, inspection hatch is necessary. (It is necessary when servicing.) Either one of inspection hatches must be installed.

## ■ Airflow

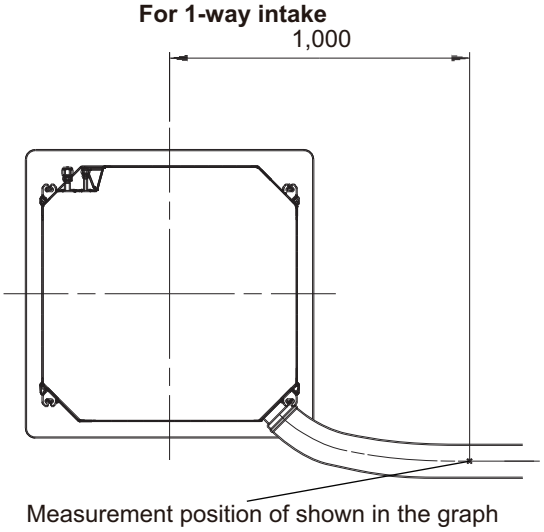



Unit: mm

**For 2-way intake**




**For 1-way intake**



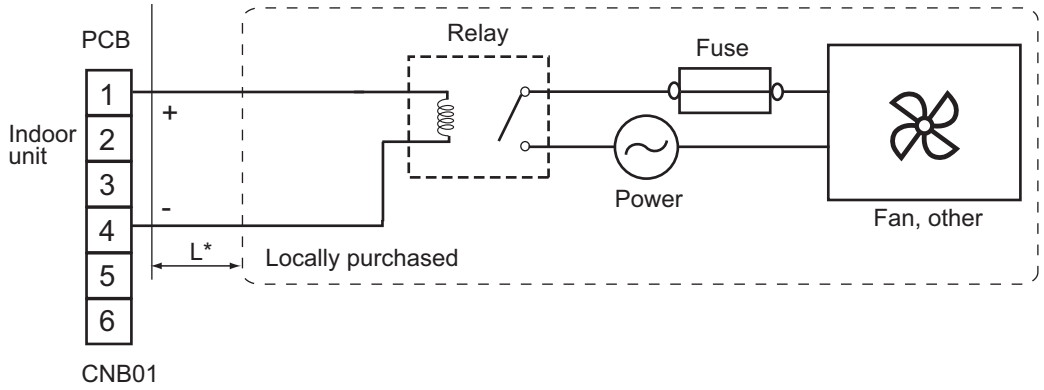
# ■ Fresh air control output

- You can control duct fan by synchronization with fan operation of indoor unit.
- Wire for fresh air control output is supplied with Fresh air intake kit.
- Extended length of the wire: Max. 25 m.

- **Connection diagram**

For Relay Output voltage: DC 12±2 V

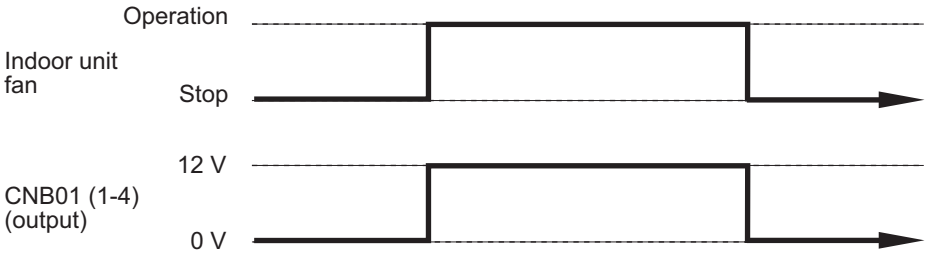
Permissible current: 50 mA



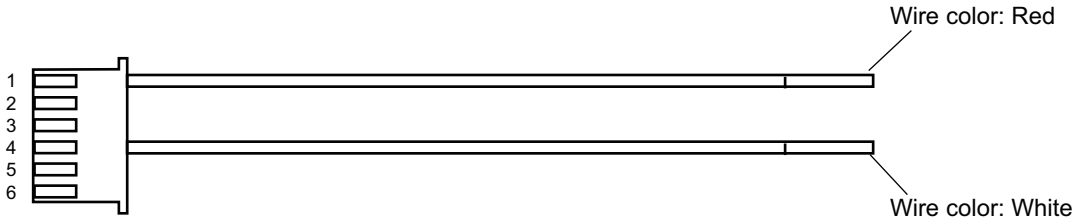

Actual number of pin might be different from the figure above.

L*: Make the distance from the PCB to the Relay unit within 25 m.

- **Operation status**

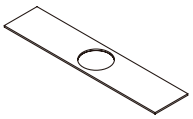
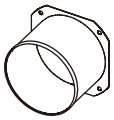
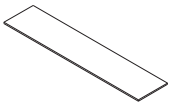
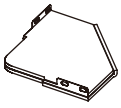
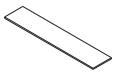
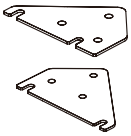
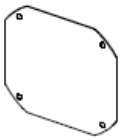



- **Wire (External output 3)**

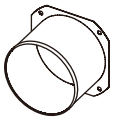
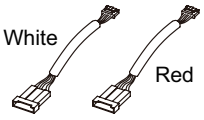
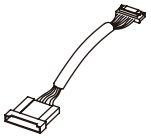
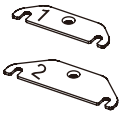
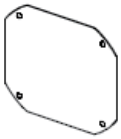
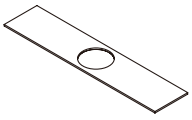
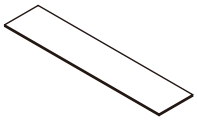
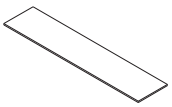


# ■ Accessories

## ● UTZ-VXRA

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Installation manual | | 1 | Insulation 1 |  | 2 |
| Duct flange |  | 2 | Insulation 3 |  | 3 |
| Cover |  | 2 | Insulation 4 |  | 4 |
| Screw | | 16 | Wire<br>(External output 1)<br>(For Single split or Multi system) | | 1 |
| Hook plate |  | 2 set | Wire<br>(External output 3) | | 1 |
| Shutter plate |  | 1 | Bolt | | 4 |

## ● UTZ-VXGA

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Installation manual | | 1 | Insulation 4 | | 4 |
| Duct flange |  | 2 | Cable tie | | 1 |
| Cover | | 2 | Extension wire for louver |  | 1 set |
| Screw | | 16 | Extension wire for receiver kit |  | 1 |
| Hook plate |  | 2 set | Wire (External output 1) | | 1 |
| Shutter plate |  | 1 | Wire (External output 2) | | 1 |
| Insulation 1 |  | 2 | Wire (External output 3) | | 1 |
| Insulation 2 |  | 1 | Bolt | | 4 |
| Insulation 3 |  | 3 | | | |

# ■ Installation precautions

- **About Fresh air intake kit**
  - The Fresh air intake kit can be installed onto cassette type air conditioners.
  - The volume of ventilated air provided by the Fresh air intake kit may be unable to fulfill ventilation regulations in all countries. On such occasions we ask that this kit be used along with Energy recovery ventilators.
  - When intaking outside air, ensure correct air conditioning design as based on air conditioning load calculations. As outside air is not being processing an increase in outside air load can affect air conditioning.

- **Installation location**
  - Area that generated substances that adversely affect the equipment, such as sulfuric gas, chlorine gas, add, or alkali it will cause the copper pipes and brazed joints to corrode, which can cause refrigerant leakage.
  - Area with high salt content, such as at the seaside. It will deteriorate metal parts, causing the parts to fall or the unit to leaked water.
  - Be certain to use electric dampers and shutters to avoid infiltration of cold air, wind and fog during shutdown in areas with cold climate, strong winds, or where fogs are common.
  - Ensure the product in installed a distance of at least three times the duct diameter away from exterior wall air inlets, or air exhausts for the prevention of short circuits.

- **Temperature conditions**
  - Condensation may form on the product when outside air temperature is low and the temperature and humidity surrounding the product are high. Do not intake the air of below 0 °C into the Fresh air intake kit.
  - Do not take fresh air at a temperature that exceeds the upper limit of the operation temperature range of the outdoor unit.

- **About duct fan**
  - When installing the duct fan, connect the drive relay (locally purchased) and operate with the indoor unit.
  - Ensure the intake air volume is below 10 % of the product’s air volume High. When the intake air volume becomes too large there the operating noise may increase and room temperature detection may be affected.

- **About the duct connection**
  - Purchase a duct with internal diameter that fits the external diameter of the duct flange.
  - Note that regulations of some countries may require the use of a nonflammable duct.
  - If the duct penetrates a fire-retarding division or other fire-proofing measures, the installation of fire dampers, or a construction that does not adversely affect fire control measure is a regulatory requirement of some countries.
  - When using metallic ducts, ensure metals (i.e., metal lath, wire lath, stainless sheeting) are electrically insulated. (A short occurring by electrical connection can cause fire.)
  - Ensure the thermally insulate connected ducts to prevent condensation.
  - Make certain that netting or other measures are installed in parts exposed to the outside air to prevent infiltration of small animals such as birds and insects.
  - Be certain to install external air filters to parts exposed to the outside air for heat exchanger protection of indoor equipment.
  - Avoid the infiltration of rain water by installing outside ducts with an incline of at least 1/30, and fitting hoods on openings.





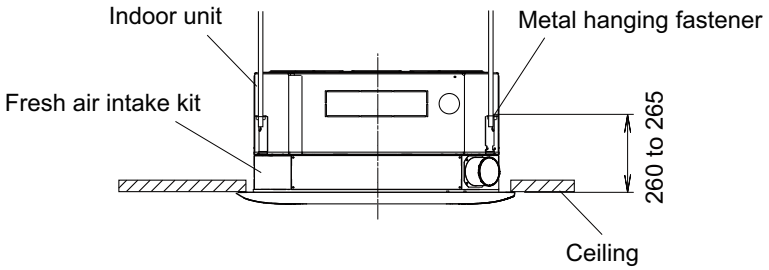
OPTIONAL PARTS

# ■ Installation

## ● Mounting of indoor unit

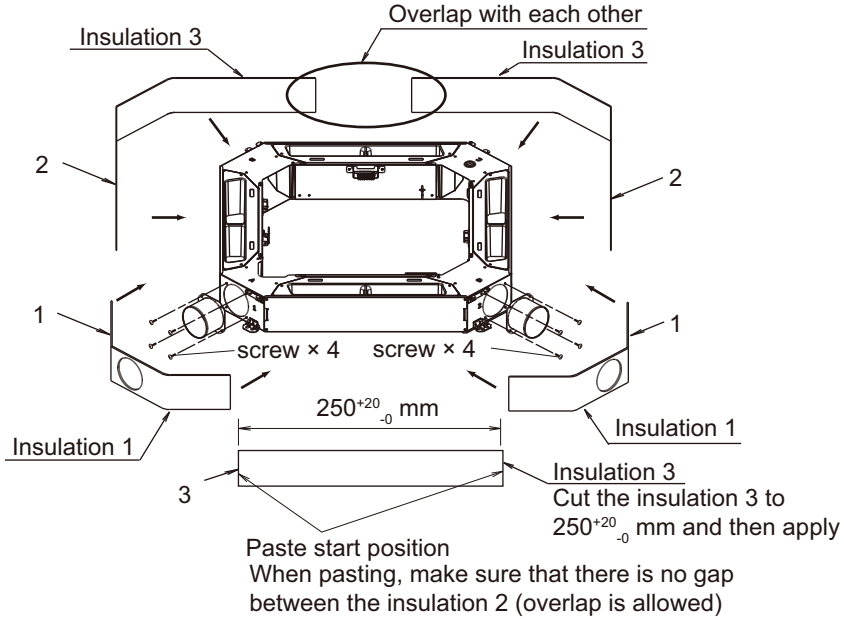
- For mounting, refer to the installation manual provided with indoor unit.
- When installing this product to existing indoor units, adjust the installation height of the indoor units to height 260 to 265 mm as shown below.

Unit: mm

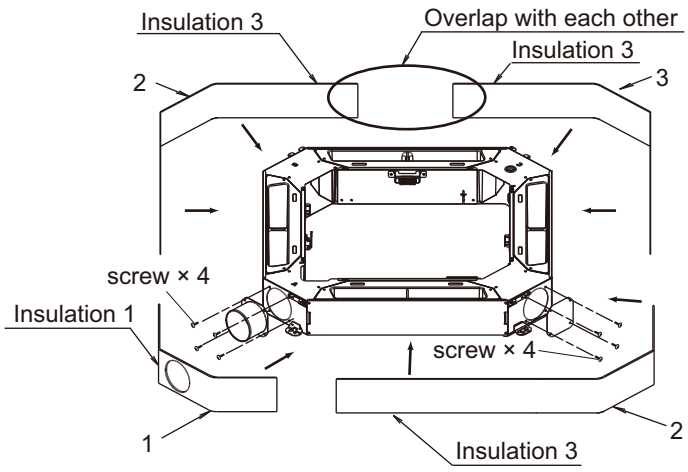



## ● Pre-installation preparations

- Attach the duct flange provided with screws.
- The Fresh air intake kit can be used an external air intake on just one side. Use included sealed plate to apply for different eye holes.
- Apply insulation 1 to the installed duct flange parts (Do not apply to sealed areas).

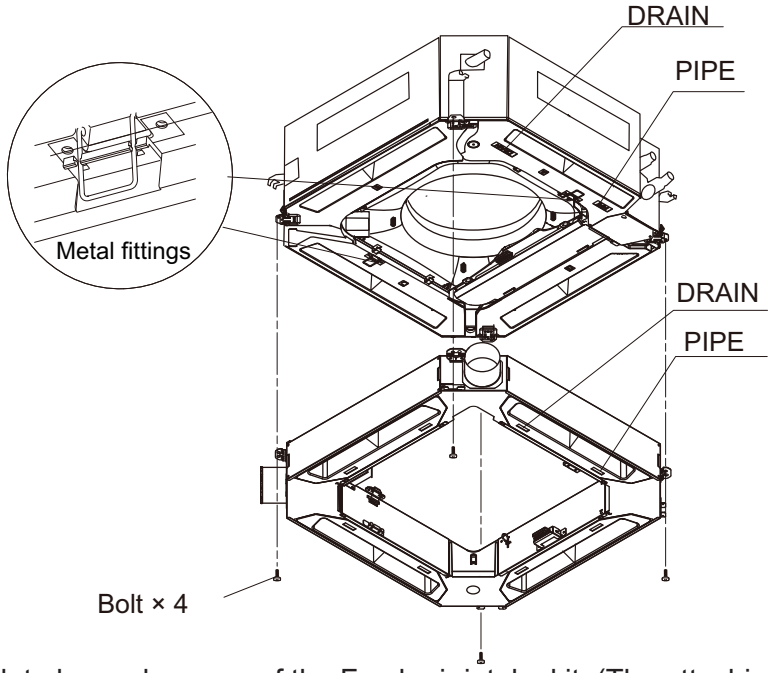



When taking in the air in one side, paste the insulation in the order as shown below.

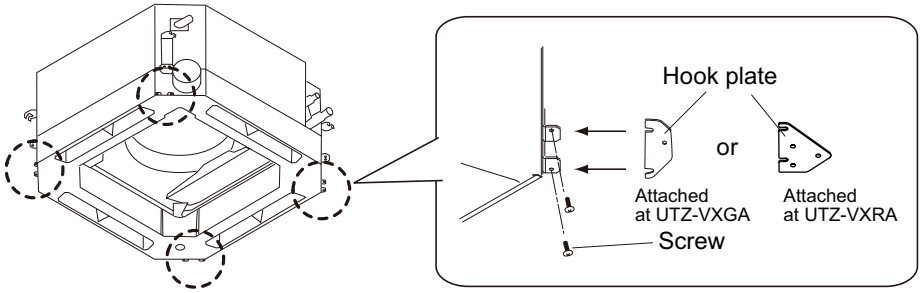


## ● Installation of Fresh air intake kit

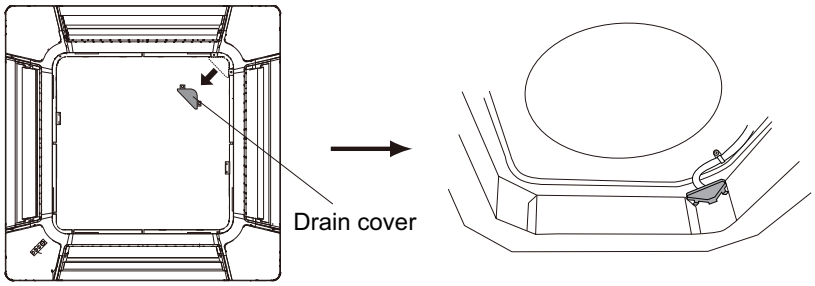
1. Attach the Fresh air intake kit to the main body using the bolts provided.



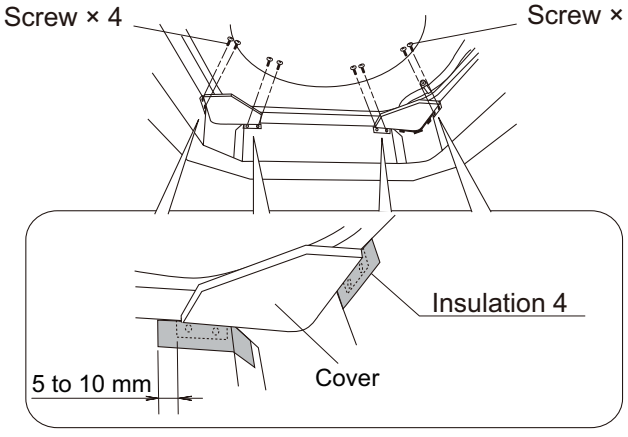

2. Attach the Hook plate by each corner of the Fresh air intake kit. (The attaching screws are attached to the body of the Fresh air intake kit and must be loosened before installing.)




3. Install the cover.
   a. Remover the drain cover attached to the decorative panel and install onto the Fresh air intake kit.




   b. Set the cover in position with screws (2 places) as shown below. Apply the Insulation 4 after installing the cover.

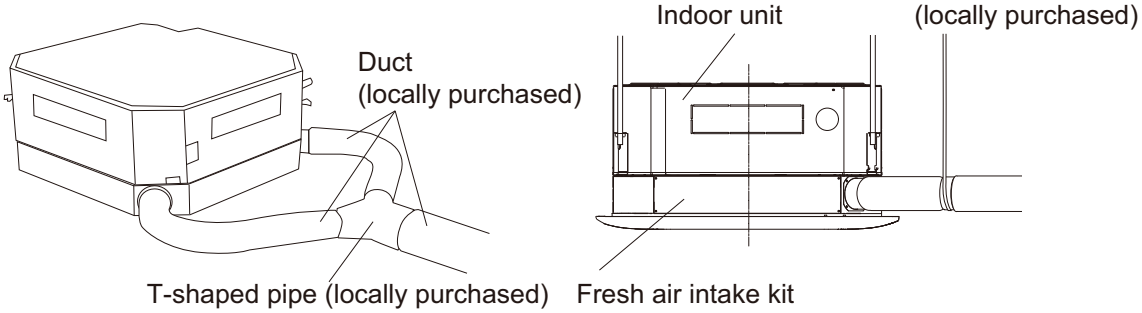


4. Install the duct.
   a. Fasten the connecting parts of the ducts with bands, and wrap with vinyl tape to ensure no air leaks. (Carry out the work to ensure no air leakage at a pressure of 200 Pa.)

      **NOTE:** Do not construct the duct in the manner of below.
      - Extreme bends
      - Highly repetitive bends
      - Making the connecting duct diameters smaller

   b. When using T-shaped pipe, suspend the kit with suspension bands for duct-use to avoid unnecessary load bearing.

Completion figure



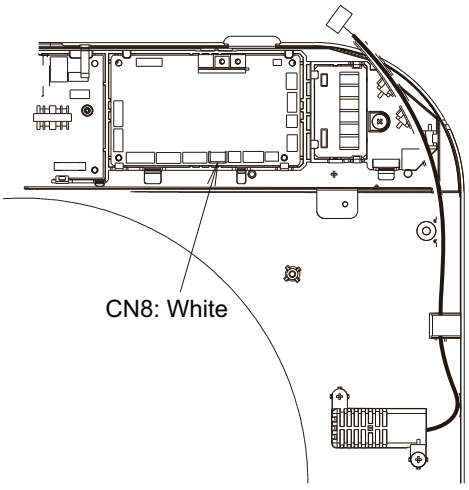

**NOTE:** When wiring of the duct fan is required, refer to "Fresh air control output" on page 10-96.

## ● Installation of Cassette grille

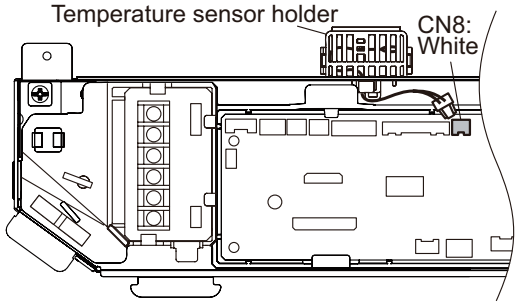
**Pre-installation preparations:**

1. Remove the control box cover.
2. Remove the connector from the existing temperature sensor on the circuit board of the indoor unit.

4-way flow cassette type




Circular flow cassette type

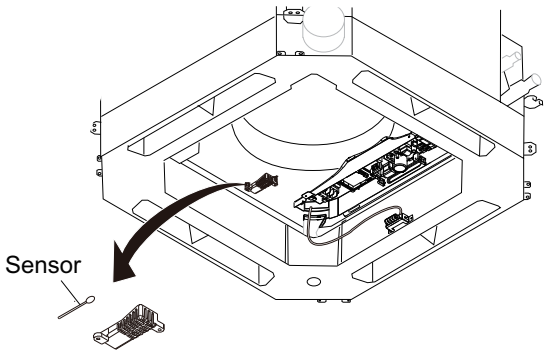


3. The existing temperature sensor will not be used so remove it from the sensor holder, and once more install the empty sensor holder (without sensor) in the control box.

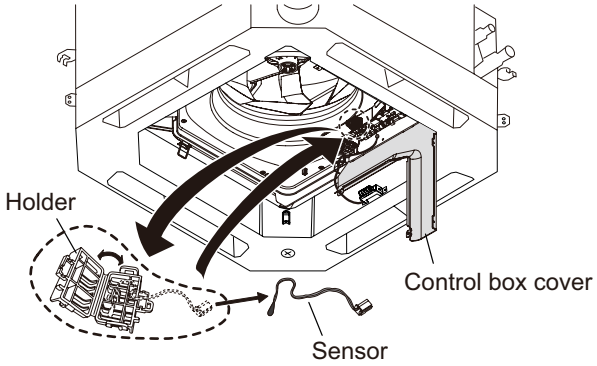
**⚠ CAUTION**

Make sure to install the sensor holder inside the control box, as it is a fire hazard. Otherwise, it may cause fire.

4-way flow cassette type

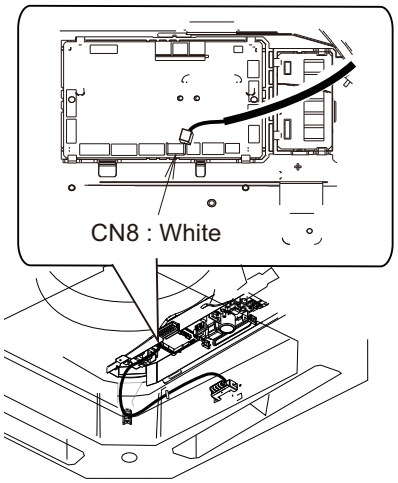



Circular flow cassette type

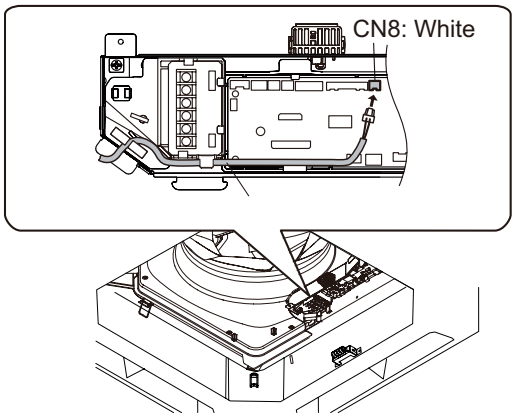



4. Insert the connector of the sensor attached to the Fresh air intake kit onto the substrate board of the indoor unit.

4-way flow cassette type




Circular flow cassette type

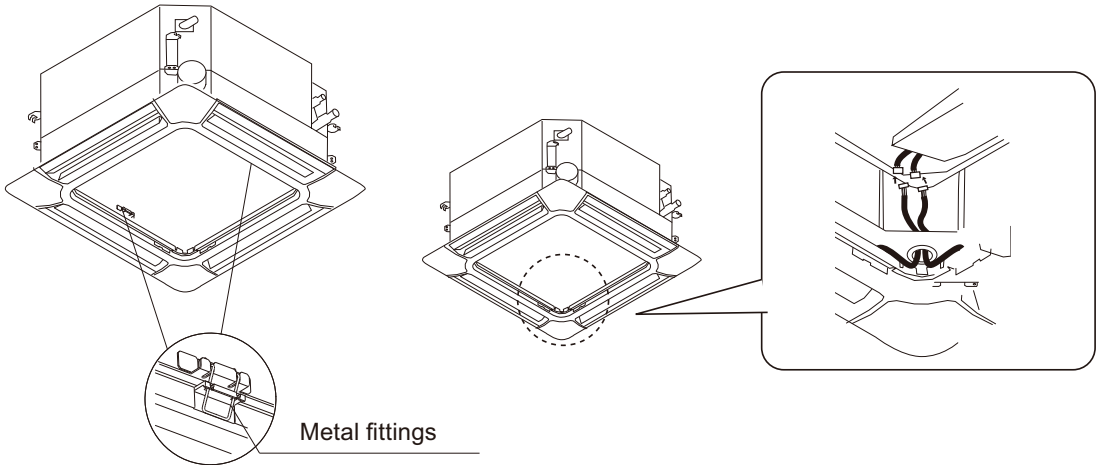



5. Insert the included extension cable for use with louver to the connector.
6. When using the optical receiver unit (option), insert the included extension wire to the indoor unit.
7. Close the control box cover when work is complete.

**Installation procedure:**

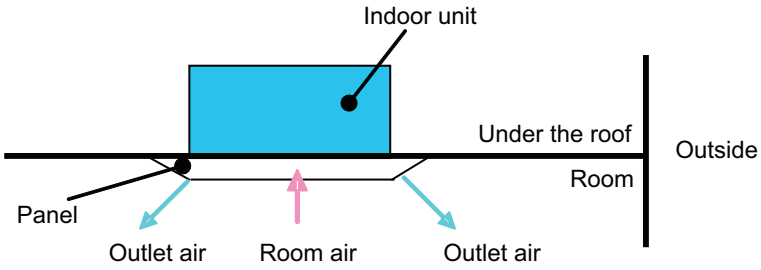
1. After provisional fixing of a cassette grille, feed the louver extension wire (and optical receiver extension wire) through the penetrating hole.
2. Connect to the connection wires coming out of the cassette grille.

3. Install cassette grille panel according to the installation instruction sheet provided.

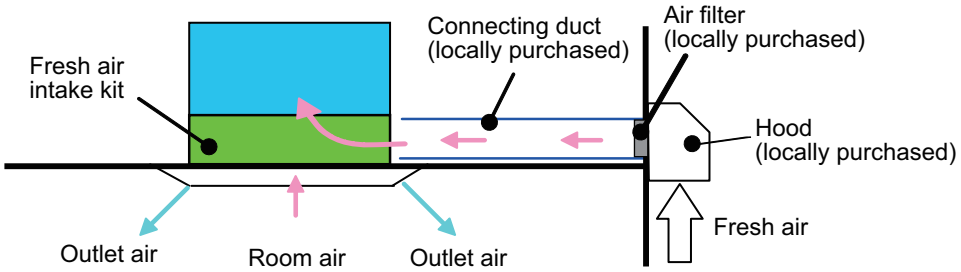



## ■ Installation example

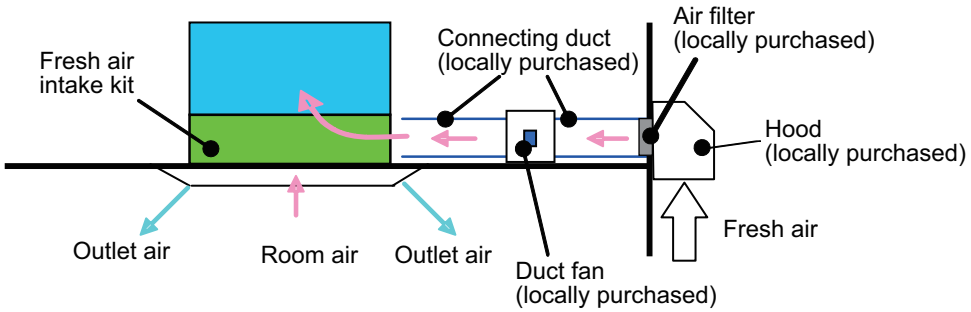
- **Standard**




- **Case 1: Intake by fan of indoor unit**




- **Case 2: Intake by duct fan**



# 11-5. Auto louver grille kit

**RELATED LINKS**

"Applicable parts" on page 10-73

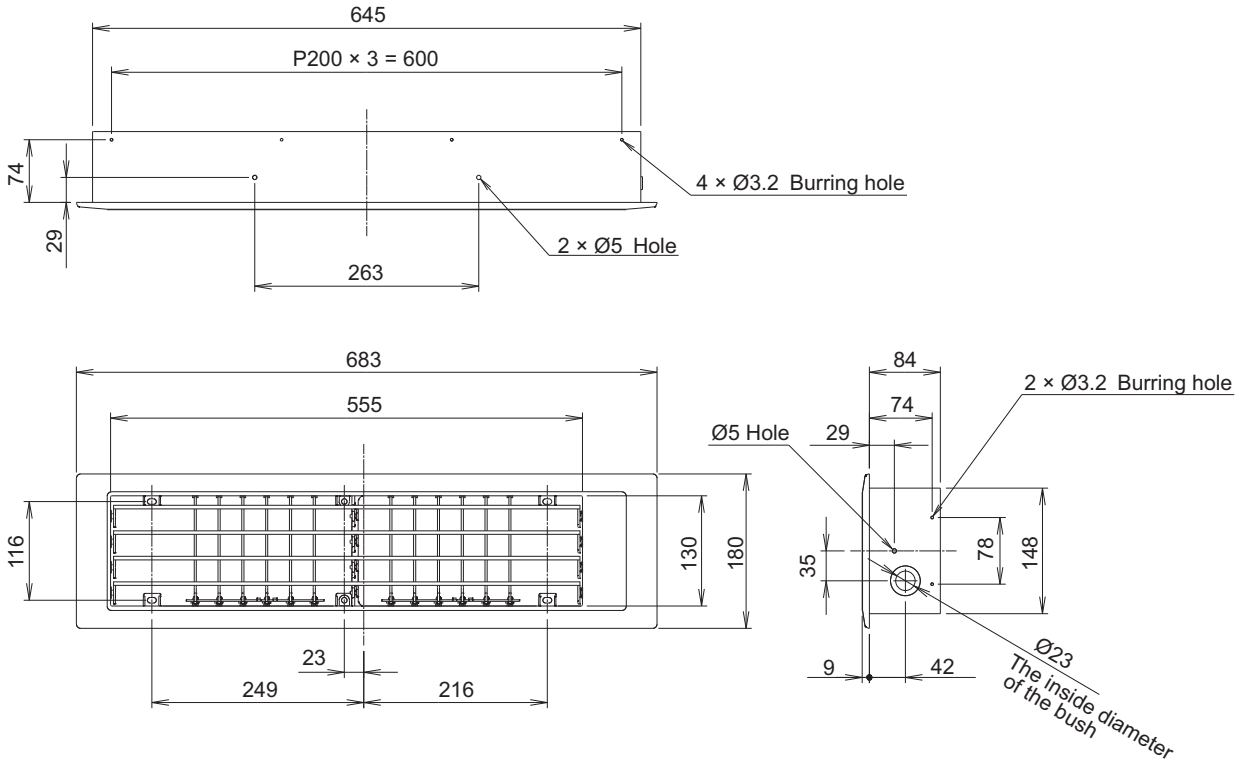
## ■ Specifications

| Model name | | | UTD-GXSA-W<br>UTD-GXTA-W | UTD-GXSB-W<br>UTD-GXTB-W | UTD-GXSC-W<br>UTD-GXTC-W |
|---|---|---|---|---|---|
| Power supply | | | Connecting with Control box of indoor unit | | |
| Fixing of Auto louver grille | | | Screw fixing to flange or rectangular duct | | |
| Extension square duct limit | | | 1.0 m (Max. duct length between indoor unit and grille) | | |
| Dimensions (H × W × D) | Net | mm | 180 × 683 × (84+9) | 180 × 883 × (84+9) | 180 × 1,083 × (84+9) |
| Weight | Net | kg | 2.0 | 2.5 | 3.0 |
| | Gross | | 3.0 | 3.5 | 4.0 |
| Color | | | White | | |
| Louver motor | | | Stepping motor | | |
| Material | | | Flame retardant ABS | | |
| Accessories | | | Fitting flame, etc. | | |
| Operation range | Cooling | °C | 18 to 32 | | |
| | | %RH | 80 % or less | | |
| | Heating | °C | 10 to 30 | | |

## ■ Dimension

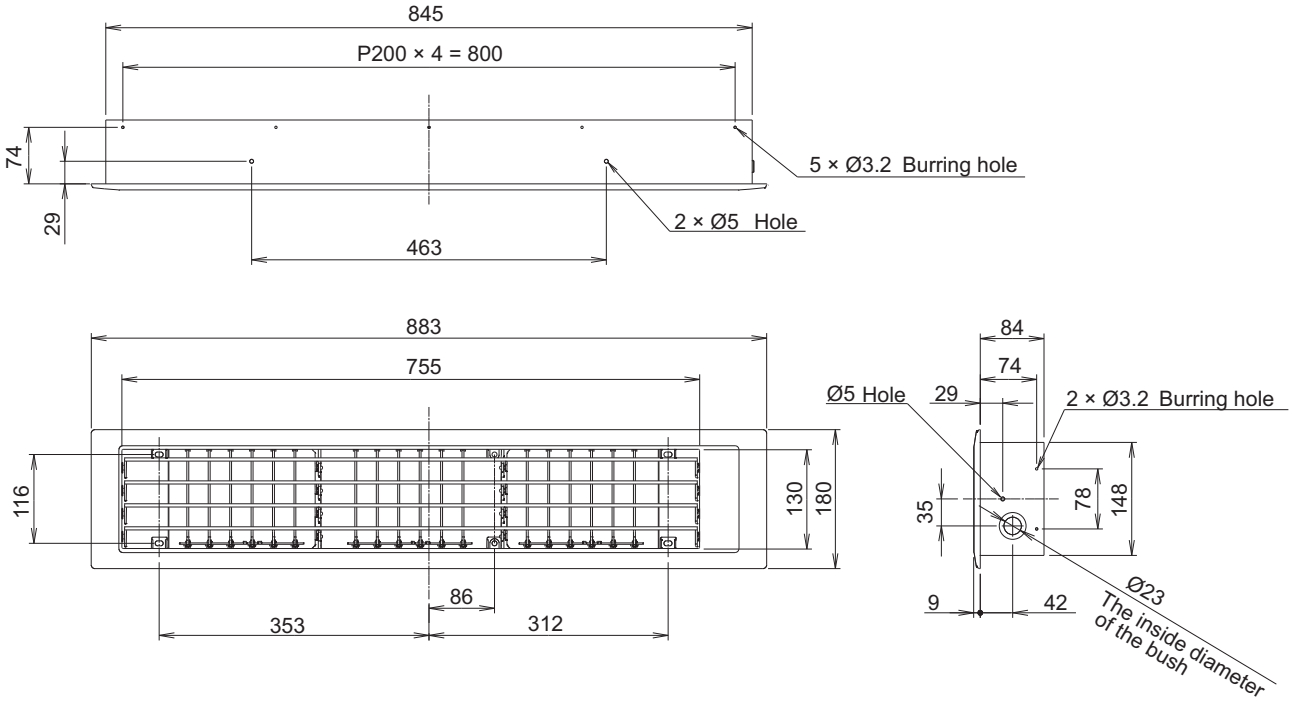
### ● Models: UTD-GXSA-W and UTD-GXTA-W

Unit: mm



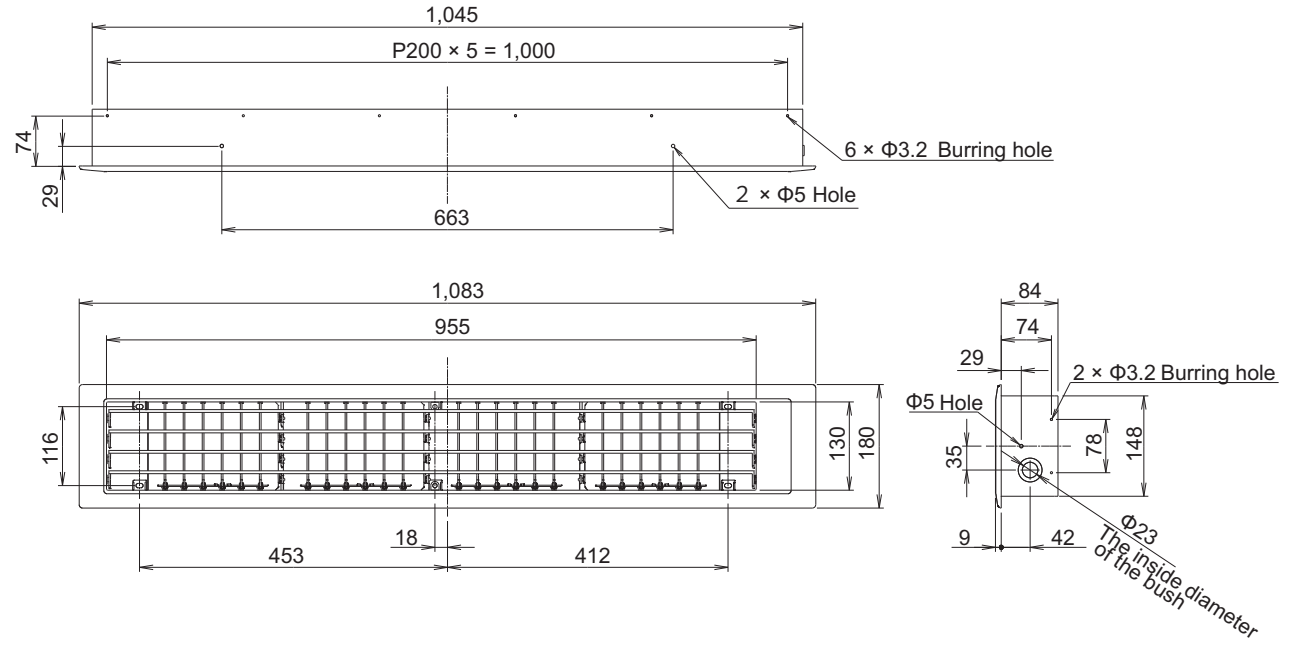
## ● Models: UTD-GXSB-W and UTD-GXTB-W

Unit: mm

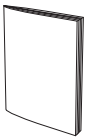
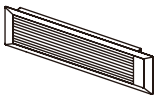
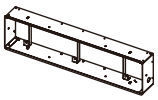



## ● Models: UTD-GXSC-W and UTD-GXTC-W

Unit: mm

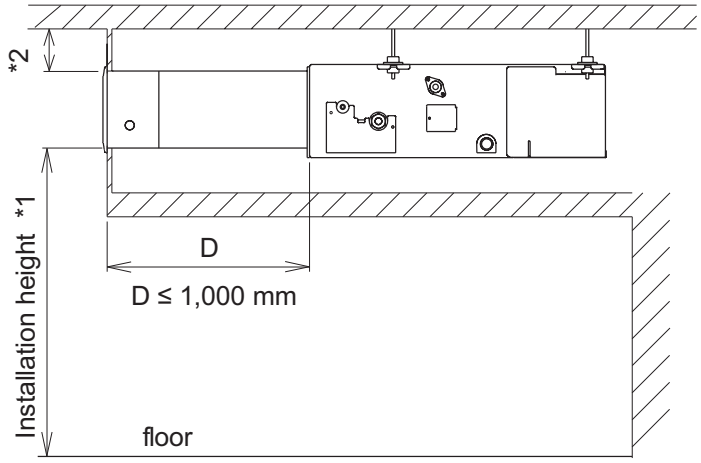


# ■ Accessories

| Part name | Exterior | Q'ty | Part name | Exterior | Q'ty |
|---|---|---|---|---|---|
| Installation manual |  | 1 | Screw A | | 16 |
| Operating manual | | 1 | Screw B | | 6 |
| Grille |  | 1 | Cable clip | | 2 |
| Bracket frame |  | 1 | Cable tie | | 3 |
| Bushing | | 1 | | | |

# ■ Installation precautions

- Select the installation location that meets the following requirement and that is approved by the customer.
  - Cool and warm air should reach the entire room.




**NOTE:**
- *1: For air velocity and air temperature distribution during heating, refer to "Air velocity and temperature distributions" in Chapter 4. INDOOR UNITS on page 04-100.
- *2: If the distance from the ceiling is not adequate, it may cause mildew stains on the wall or ceiling. Install at least 150 mm away from any surface.

- Do not install the unit in the following areas.
  - The upper part of the vicinity of room entrance
    It may cause condensation on the outlet port.
  - Near a wall surface
    It may cause condensation on the wall during cooling.
  - Area filled with mineral oil or containing a large amount of splashed oil or steam, such as kitchen.
  - The place where it will be exposed to direct sunlight.
    It may cause change in color.

- When the installation location is exposed direct sunlight, take measure to block the light such as covering the grille surface with a sheet. Otherwise, it may cause a change in color.

- Use an appropriate grille that is compatible with the indoor unit. If not used with the correct combination, it may cause condensation.

- Perform heat insulation and field setting according to the Installation manual of indoor unit. Not installing as per the instructions may cause condensation.

# 11-6. External power supply unit (UTZ-GXXA)

**RELATED LINKS**

"Applicable parts" on page 10-73

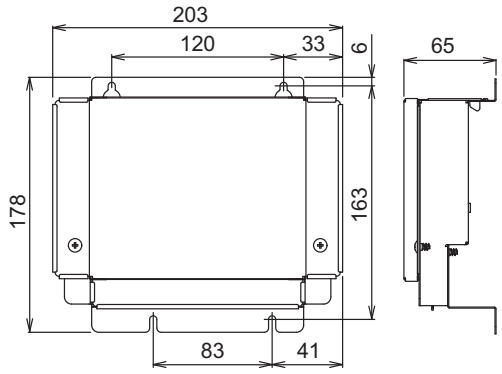
## ■ Specifications

| Model name | | | UTZ-GXXA |
|---|---|---|---|
| Power supply | | V | 1 Ø AC 24 |
| Power source frequency | | Hz | 50/60 |
| Maximum operating current | | A | 1.13 |
| Maximum power consumption | | W | 21 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 65 × 203 × 178 |
| Weight | | g | 500 |

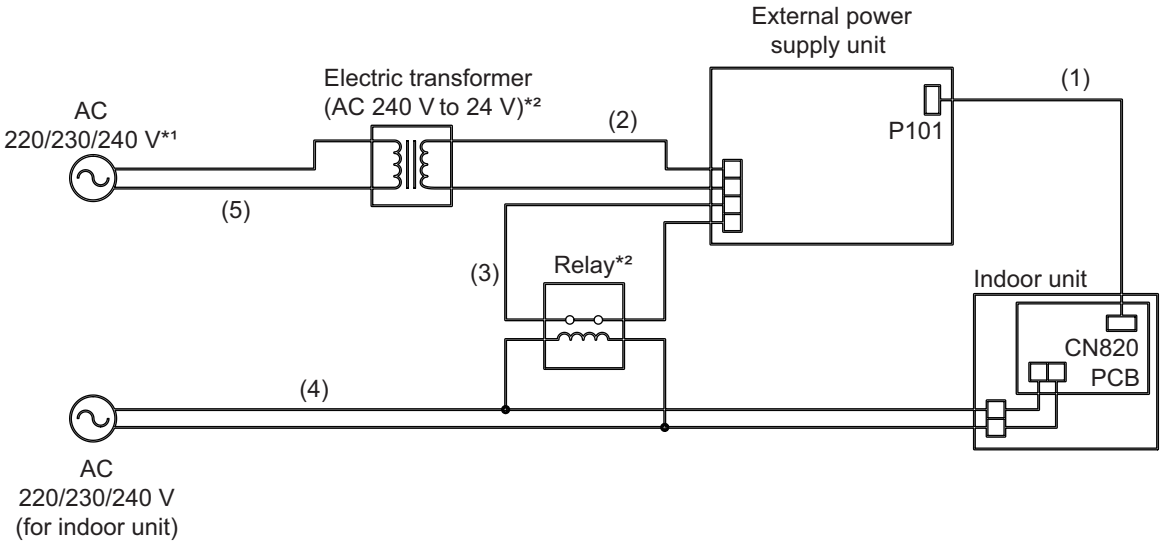
## ■ Dimensions

This product is comprised of a body and cover.

Unit: mm



## ■ Wiring diagram




**NOTES:**

- *1: A dedicated power supply that is not shut off even if turned off the indoor units.
- *2: Locally purchased.

(1) Connect the external power supply unit and the PCB of the indoor unit with the provided connecting cable. (Depending on the model of the indoor unit, the adapter cable is also used.)
(2) Connect AC 24 V (±20%) power to the terminal of the external power supply unit.
(3) Connect the contact side of the relay (with the normally closed contact) to external power supply unit.
(4) Connect the inner and relay power lines to the circuit breaker.
(5) Connect the power line of the power transformer primary side to the circuit breaker.

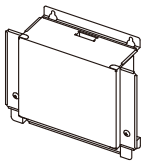
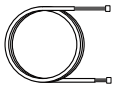
## ■ Electrical requirement

The following items are necessary to install this product. (These items are not included with this product and must be purchased separately.)

| Name | Q'ty | Description |
|---|---|---|
| Relay | 1 | Primary side voltage: AC 220 to 240 V.<br>Secondary side rated current: 3 A or more.<br>Normally Closed contact.<br>IEC61810-1 or 60335-1<br>Reinforced insulation between primary side and secondary side |
| Electric transformer | 1 | AC 24 V ±15%<br>UL Class II |

**NOTE:** When connecting multiple units, do not exceed the capacity of the transformer.

# ■ Accessories

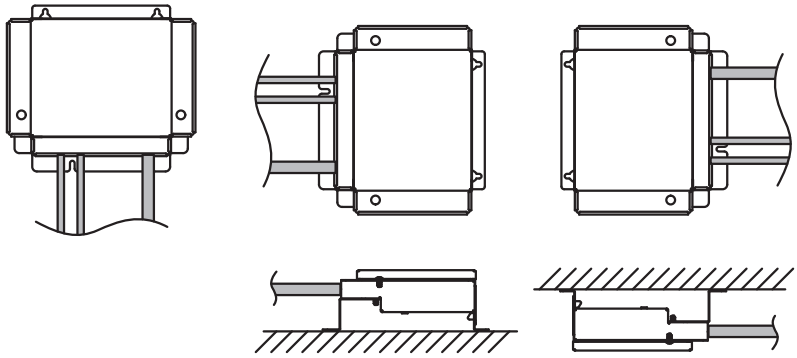
| Part name | Exterior | Qty | Part name | Exterior | Qty |
|---|---|---|---|---|---|
| Installation manual | | 1 | Adapter cable |  | 1*1 |
| External power supply unit |  | 1 | Cable clamp | | 1*1 |
| Tapping screw | | 4 | Cable tie (large) | | 3 |
| Connecting cable (5 m) |  | 1 | Cable tie (small) | | 1 |
| EMI core | | 1*2 | | | |

**NOTES:**

- *1: It is used to connect to the following indoor unit type.
  - Circular flow cassette type
  - 3D flow cassette type
  - Compact floor type and Compact floor (EEV external) type
- *2: It is used to connect to the following indoor unit type.
  - Floor/Ceiling type

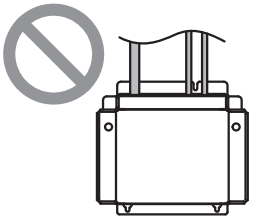
# ■ Installation precautions

This product can be installed in the following direction.



**Prohibited**

To prevent water from entering through the cable,
do not install this product in the direction shown in the following figure.



# 11-7. External power supply unit (UTZ-GXXC)

**RELATED LINKS**

"Applicable parts" on page 10-73

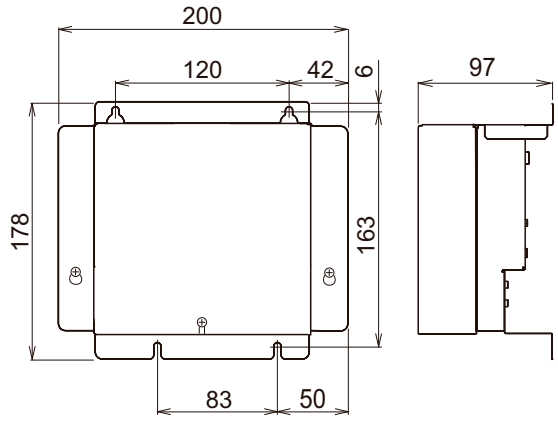
## ■ Specifications

| Model name | | | UTZ-GXXC |
|---|---|---|---|
| Power supply | | V | 1 Ø AC 24 |
| Indoor unit power supply detection | | V | 1 Ø AC 220—240 |
| Power source frequency | | Hz | 50/60 |
| Maximum operating current | | A | 1.13 |
| Maximum power consumption | | W | 21 |
| Temperature | Operating | °C | 0 to 46 |
| | Packaged | °C | -10 to 60 |
| Humidity | Packaged | % | 0 to 95 (RH)<br>No condensation |
| Dimensions (H × W × D) | | mm | 97 × 200 × 178 |
| Weight | | g | 800 |

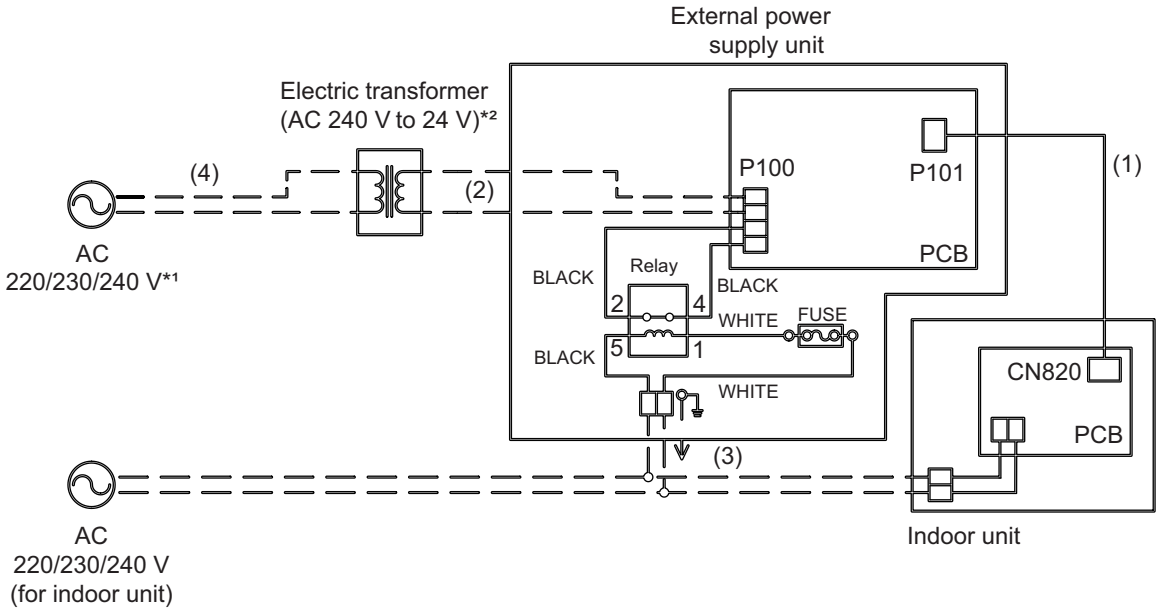
## ■ Dimensions

This product is comprised of a body and cover.

Unit: mm



## ■ Wiring diagram




**NOTES:**

- *1: A dedicated power supply that is not shut off even if turned off the indoor units.
- *2: Locally purchased

(1) Connect the external power supply unit and the PCB of the indoor unit with the provided connecting cable. (Depending on the model of the indoor unit, the adapter cable is also used.)

(2) Connect AC 24 V (±20%) power to the terminal of the external power supply unit.

(3) Connect the indoor unit and the external power supply unit to the circuit breaker.

(4) Connect the power line of the power transformer primary side to the circuit breaker.

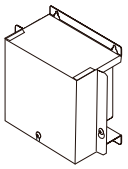
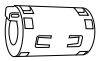
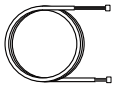
## ■ Electrical requirement

The following item is necessary to install this product. (This item is not included with this product and must be purchased separately.)

| Name | Q'ty | Description |
|---|---|---|
| Electric transformer | 1 | AC 24 V ±15%<br>UL Class II |

**NOTE:** When connecting multiple units, do not exceed the capacity of the transformer.

# ■ Accessories

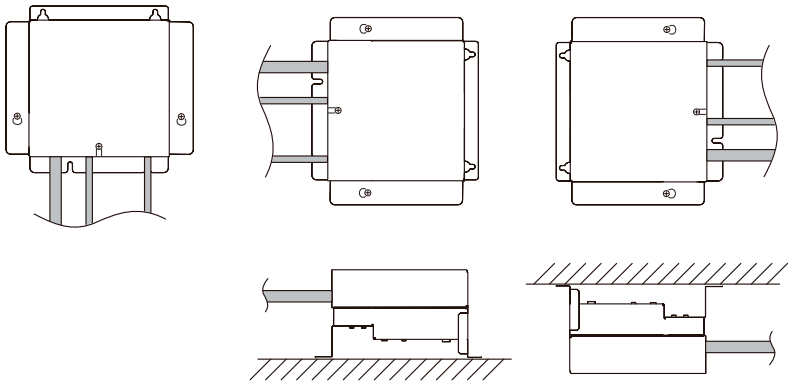
| Part name | Exterior | Qty | Part name | Exterior | Qty |
|---|---|---|---|---|---|
| Installation manual | | 1 | Adapter cable |  | 1*1 |
| External power supply unit |  | 1 | EMI core |  | 1*2 |
| Tapping screw | | 4 | Cable tie (large) | | 2 |
| Connecting cable (5 m) |  | 1 | Cable tie (small) | | 1 |

**NOTES:**

- *1: It is used to connect to the following indoor unit type.
  - Circular flow cassette type
  - 3D flow cassette type
  - Compact floor type and Compact floor (EEV external) type
- *2: It is used to connect to the following indoor unit type.
  - Floor/Ceiling type

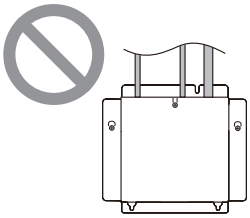
# ■ Installation precautions

This product can be installed in the following direction.



**Prohibited**

To prevent water from entering through the cable,
do not install this product in the direction shown in the following figure.



FUJITSU GENERAL LIMITED

3-3-17, Suenaga, Takatsu-ku, Kawasaki 213-8502, Japan
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