



Technical submittal

Products: **Tyneham Heat Pump 26 & 32kW**

Project:

Customer:

Date:

- ⊗ Monobloc air source heat pump
- ⊗ Single unit with the refrigeration cycle contained within the outdoor unit
- ⊗ Inverter controlled compressor to accurately match the heat demand
- ⊗ Low global warming potential due to the use of R32 refrigerant
- ⊗ Highly efficient with coefficient of performance (COP) rating up to 4.09
- ⊗ Light and compact unit for ease of installation and delivery
- ⊗ Suited to larger installations – cascade systems to achieve higher output
- ⊗ 2-year warranty (extended to 5 years if commissioned by Hamworthy)*
- ⊗ Blue Fin anti-corrosion coating as standard
- ⊗ Back up and long-term support from our team of experienced engineers across the UK
- ⊗ Combine with Hamworthy modular boilers for a hybrid heating system

| Technical Specification | Unit | 26kW | 32kW |
|--------------------------------|---------------------------|-----------|-----------|
| Heat Pump Space Heating [35°C] | ErP rating | A++ | A++ |
| | SCOP | 4.55 | 4.81 |
| Heat Pump Space Heating [55°C] | ErP rating | A+ | A+ |
| | SCOP | 3.14 | 3.14 |
| Heating (A7/W35) | Capacity (kW) | 26 | 32.1 |
| | Power Input (kW) | 6.44 | 7.84 |
| | COP*** | 4.04 | 4.09 |
| Air Temperature Range | Min/Max (°C) | (-20 +40) | (-20 +40) |
| Sound Data Outdoor Unit | Power Level dB(A)** | 74 | 76 |
| Pipework Connection Sizes | Heating Flow (") | 1 | 1 1/4 |
| | Heating Return (") | 1 | 1 1/4 |
| Dimensions Outdoor Unit | Width (mm) | 1600 | 1600 |
| | Depth (mm) | 680 | 680 |
| | Height (mm) | 1315 | 1315 |
| Weight | kg | 240 | 255 |
| Electrical Data | Electrical Supply (v) | 415 | 415 |
| | Phase | Three | Three |
| | Max Running Current (Amp) | 23.3 | 27.1 |
| | Fuse Rating (Amp) | 25 | 32 |
| Refrigerant Charge (kg) | R32 (kg) | 4.3 | 5.1 |



Every effort has been taken to ensure the details are accurate. Hamworthy Heating does not, however, guarantee the accuracy or completeness of any information nor does it accept liability for any errors or omissions in the information. Hamworthy Heating reserves the right to make changes and improvements which may necessitate alteration to product specification without prior notice.



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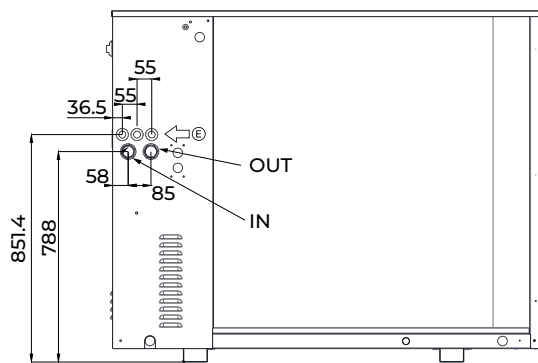
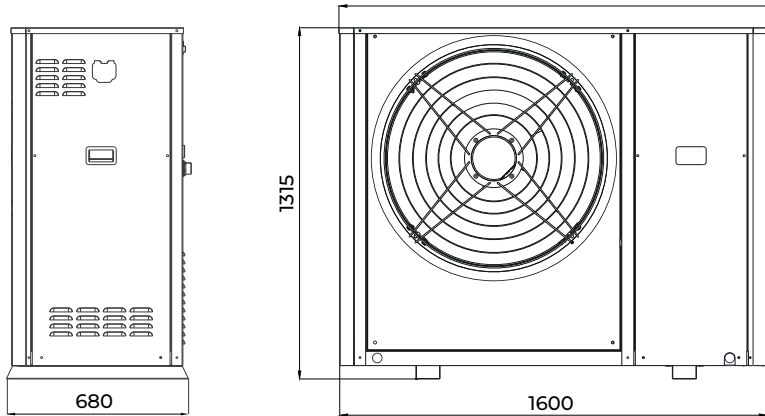
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Dimensions



E: Electrical Connection

Note: All dimensions in mm unless otherwise stated.

Minimum installation clearances:

Front: 1500

Rear: 400

Left: 400

Right: 700

Bottom: 50

Side clearance of 700mm when used in cascade

Accessories and options:

| | Required | Optional |
|---|----------|----------|
| Control unit (sold separately)* | | • |
| Flexible hoses | | • |
| Anti-vibration rubber feet | | • |
| Anti-corrosion coating for installations close to the sea (special order) | | • |

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