

Information sheet (Lot.10)

This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) No.206/2012 and No.626/2011.

Information to identify the model(s) to which the information relates to:

AIR CONDITIONER
 TYPE : SINGLE SPLIT
 DUCT
 Indoor unit(s) : ARHG36LMLA
 Outdoor unit : AOHG36LATT
 BRAND : GENERAL

N/A = Not Applicable

Function			
Cooling	Yes	Average	Yes
Heating	Yes	Warmer	No
		Colder	No

Design load				Seasonal efficiency			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Cooling	Pdesignc	10.0	kW	Cooling	SEER	5.80	-
Heating/Average	Pdesignh	10.0	kW	Heating/Average	SCOP/A	4.00	-
Heating/Warmer	Pdesignh	N/A	kW	Heating/Warmer	SCOP/W	N/A	-
Heating/Colder	Pdesignh	N/A	kW	Heating/Colder	SCOP/C	N/A	-

Cooling							
Declared capacity for cooling, at indoor temperature 27 (19) °C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27 (19) °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = 35°C	Pdc	10.00	kW	Tj = 35°C	EER d	3.52	-
Tj = 30°C	Pdc	7.37	kW	Tj = 30°C	EER d	4.93	-
Tj = 25°C	Pdc	4.74	kW	Tj = 25°C	EER d	7.38	-
Tj = 20°C	Pdc	5.45	kW	Tj = 20°C	EER d	9.04	-

Heating/Average							
Declared capacity for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance/Average season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = -7°C	Pdh	8.85	kW	Tj = -7°C	COPd	2.71	-
Tj = 2°C	Pdh	5.38	kW	Tj = 2°C	COPd	4.10	-
Tj = 7°C	Pdh	5.05	kW	Tj = 7°C	COPd	5.16	-
Tj = 12°C	Pdh	5.64	kW	Tj = 12°C	COPd	6.13	-
Tj = bivalent temperature	Pdh	8.85	kW	Tj = bivalent temperature	COPd	2.71	-
Tj = operating limit	Pdh	8.20	kW	Tj = operating limit	COPd	2.43	-

Heating/Warmer							
Declared capacity for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = 2°C	Pdh	N/A	kW	Tj = 2°C	COPd	N/A	-
Tj = 7°C	Pdh	N/A	kW	Tj = 7°C	COPd	N/A	-
Tj = 12°C	Pdh	N/A	kW	Tj = 12°C	COPd	N/A	-
Tj = bivalent temperature	Pdh	N/A	kW	Tj = bivalent temperature	COPd	N/A	-
Tj = operating limit	Pdh	N/A	kW	Tj = operating limit	COPd	N/A	-

Heating/Colder							
Declared capacity for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance/Colder season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj = -7°C	Pdh	N/A	kW	Tj = -7°C	COPd	N/A	-
Tj = 2°C	Pdh	N/A	kW	Tj = 2°C	COPd	N/A	-
Tj = 7°C	Pdh	N/A	kW	Tj = 7°C	COP d	N/A	-
Tj = 12°C	Pdh	N/A	kW	Tj = 12°C	COP d	N/A	-
Tj = bivalent temperature	Pdh	N/A	kW	Tj = bivalent temperature	COP d	N/A	-
Tj = operating limit	Pdh	N/A	kW	Tj = operating limit	COP d	N/A	-
Tj=-15°C	Pdh	N/A	kW	Tj = -15°C	COP d	N/A	-

Bivalent temperature				Operating limit temperature			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heating/Average	Tbiv	-7	°C	Heating/Average	Tol	-15	°C
Heating/Warmer	Tbiv	N/A	°C	Heating/Warmer	Tol	N/A	°C
Heating/Colder	Tbiv	N/A	°C	Heating/Colder	Tol	N/A	°C

Cycling interval capacity				Cycling interval efficiency			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
For cooling	Pcycc	N/A	kW	For cooling	EERcyc	N/A	-
For heating	Ppsych	N/A	kW	For heating	COPcyc	N/A	-
Degradation coefficient cooling	Cdc	0.25	-	Degradation coefficient heating	Cdh	0.25	-

Electric power input in power modes other than ‘active mode’				Annual electricity consumption			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Off mode (Cooling/Heating)	P _{OFF}	19.0/19.0	W	Cooling	Q _{CE}	603	kWh/a
Standby mode (Cooling/Heating)	P _{SB}	19.0/19.0	W	Heating/Average	Q _{HE}	3497	kWh/a
Thermostat-off mode (Cooling/Heating)	P _{TO}	7.0/44.0	W	Heating/Warmer	Q _{HE}	N/A	kWh/a
Crankcase heater mode (Cooling/Heating)	P _{CK}	0.0/0.0	W	Heating/Colder	Q _{HE}	N/A	kWh/a

Capacity control			Other items			
Item		Y/N	Item	Symbol	Value	Unit
Fixed		No	Sound power level (Indoor/Outdoor)	L _{WA}	65.0/67.0	dB(A)
Staged		No	Global warming potential	GWP	2088	kgCO ₂ eq.
Variable		Yes	Rated air flow (Indoor/Outdoor)	-	1850/6200	m ³ /h

Contact details for obtaining more information	FUJITSU GENERAL LIMITED 3-3-17, Suenaga, Takatsu-ku, Kawasaki, 213-8502, Japan
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V20121214

Information of indoor unit combination

Indoor unit combination N/A = Not Applicable

Location of Indoor Unit		Cooling				Heating/Average				Heating/Warmer				Heating/Colder			
room1	room2	Design load	Seasonal efficiency	Annual electricity consumption	Energy efficiency class	Design load	Seasonal efficiency	Annual electricity consumption	Energy efficiency class	Design load	Seasonal efficiency	Annual electricity consumption	Energy efficiency class	Design load	Seasonal efficiency	Annual electricity consumption	Energy efficiency class
		Pdesignc	SEER	Q _{CE}		Pdesignh	SCOP/A	Q _{HE}		Pdesignh	SCOP/W	Q _{HE}		Pdesignh	SCOP/C	Q _{HE}	
		kW	-	kWh/a		kW	-	kWh/a		kW	-	kWh/a		kW	-	kWh/a	
18	18	10.0	6.0	583	A+	10.0	4.0	3499	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*1
18 = 18000Btu/h class = 5.0kW class

Information of unit specification

Model Type	Model No.	Capacity Class	Dimension [H x W xD]	Sound power level(Cooling)	Sound power level(Heating)
		kW	mm	dB(A)	dB(A)
CASSETTE	AUHG18LVLB	5.0	245 x 570 x 570 (Panel: 49 x 700 x 700)	54	56
DUCT	ARHG18LLTB	5.0	198 x 900 x 620	58	59
CEILING	ABHG18LVTB	5.0	199 x 990 x 655	55	55