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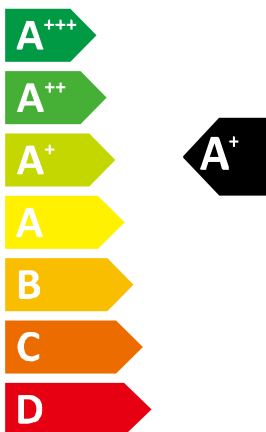
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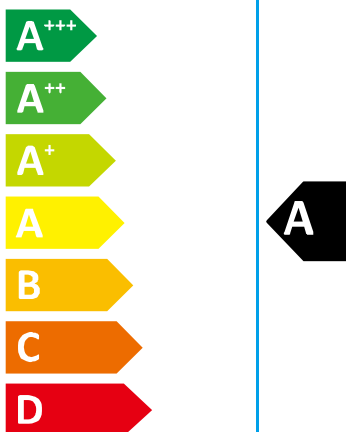
AOHG12KATA / ARXG12KLLAP

SEER



kW 3,5
SEER 5,8
kWh/annum 211

SCOP



kW	X	2,8	X
SCOP	X	3,8	X
kWh/annum	X	1031	X



58 dB



62 dB



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626/2011

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) : ARXG12KLLAP
 Outdoor unit : AOHG12KATA
 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	3.5	kW	Cooling	SEER	5.80	-
Heating/Average	Pdesignh	2.8	kW	Heating/Average	SCOP/A	3.80	-
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	3.50	kW	Tj = 35°C	EER d	3.21	-
Tj = 30°C	Pdc	2.58	kW	Tj = 30°C	EER d	4.71	-
Tj = 25°C	Pdc	1.66	kW	Tj = 25°C	EER d	7.09	-
Tj = 20°C	Pdc	1.46	kW	Tj = 20°C	EER d	10.20	-

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	2.48	kW	Tj = -7°C	COPd	2.68	-
Tj = 2°C	Pdh	1.51	kW	Tj = 2°C	COPd	3.72	-
Tj = 7°C	Pdh	0.97	kW	Tj = 7°C	COPd	4.82	-
Tj = 12°C	Pdh	1.17	kW	Tj = 12°C	COPd	5.86	-
Tj = bivalent temperature	Pdh	2.48	kW	Tj = bivalent temperature	COPd	2.68	-
Tj = operating limit	Pdh	1.75	kW	Tj = operating limit	COPd	2.20	-

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	Pcyh	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}	6.0/6.0	W	Cooling	Q _{CE}	211	kWh/a
Standby mode (Cooling/Heating)	P _{SB}	6.0/6.0	W	Heating/Average	Q _{HE}	1031	kWh/a
Thermostat-off mode (Cooling/Heating)	P _{TO}	3.0/16.0	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}	58.0/62.0 dB(A)
Staged	No	Global warming potential	GWP	675 kgCO ₂ eq.
Variable	Yes	Rated air flow (Indoor/Outdoor)	-	650/1630 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

■ Product fiche according to Commission Delegated Regulation (EU) 626/2011

MODEL	OUTDOOR UNIT	AOHG09KATA				AOHG12KATA				AOHG14KATA			
	INDOOR UNIT	AUXG09KVLA	ARXG09KLLAP	AUXG12KVLA	ARXG12KLLAP	AUXG14KVLA	ARXG14KLLAP	AUXG14KVLA	ARXG14KLLAP	AUXG14KVLA	ARXG14KLLAP	AUXG14KVLA	ARXG14KLLAP
		COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING
SOUND POWER LEVEL	OUTDOOR UNIT [dB(A)]	60	60	60	60	62	62	62	62	63	63	63	63
	INDOOR UNIT [dB(A)]	46	47	57	57	49	49	58	58	50	55	60	60
REFRIGERANT/GLOBAL WARMING POTENTIAL		R32 / 675 (IPCC AR4) ^(*)											
SEASONAL ENERGY EFFICIENCY RATIO/ SEASONAL COEFFICIENT OF PERFORMANCE		6.20	4.00	5.90	3.80	6.10	4.00	5.80	3.80	6.10	4.00	5.60	3.80
ENERGY EFFICIENCY CLASS		A++	A+	A+	A	A++	A+	A+	A	A++	A+	A+	A
ANNUAL ENERGY CONSUMPTION (Q _{CE})(Q _{HE}) [kWh/a]		141 ^(*)	804 ^(*)	148 ^(*)	847 ^(*)	201 ^(*)	979 ^(*)	211 ^(*)	1031 ^(*)	247 ^(*)	1120 ^(*)	269 ^(*)	1177 ^(*)
P _{design} [kW]		2.5 (35°C)	2.3 (-10°C)	2.5 (35°C)	2.3 (-10°C)	3.5 (35°C)	2.8 (-10°C)	3.5 (35°C)	2.8 (-10°C)	4.3 (35°C)	3.2 (-10°C)	4.3 (35°C)	3.2 (-10°C)
BACKUP HEATER CAPACITY/ DECLARED CAPACITY [kW]		—	0.42/ 1.88	—	0.39/ 1.91	—	0.49/ 2.31	—	0.59/ 2.21	—	0.56/ 2.64	—	0.55/ 2.65

NOTES

- (*)1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [675]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [675] times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
- (*)2 Energy consumption "Q_{CE}" kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
- (*)3 Energy consumption "Q_{HE}" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

■ Specifications

MODEL	OUTDOOR UNIT	AOHG09KATA				AOHG12KATA				AOHG14KATA			
	INDOOR UNIT	AUXG09KVLA	ARXG09KLLAP	AUXG12KVLA	ARXG12KLLAP	AUXG14KVLA	ARXG14KLLAP						
TYPE		CASSETTE	DUCT	CASSETTE	DUCT	CASSETTE	DUCT	CASSETTE	DUCT				
		SINGLE SPLIT / HEAT PUMP											
MAX. PRESSURE	HIGH / DISCHARGE [bar(MPa)]	— (4.20)											
	LOW / SUCTION [bar(MPa)]	— (2.76)											
MANUFACTURING DATE		Refer to the rating label											
POWER RESOURCE		1φ 230 V ~ 50 Hz											
		COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING
CAPACITY	[kW]	2.50	3.20	2.50	3.20	3.50	4.10	3.50	4.10	4.30	5.00	4.30	5.00
POWER INPUT	[kW]	0.680	0.880	0.690	0.880	1.090	1.170	1.090	1.170	1.370	1.420	1.370	1.420
CURRENT	[A]	3.4	4.4	3.4	4.4	5.2	5.8	5.2	5.8	6.4	6.6	6.4	6.6
MAX. CURRENT [A]		6.9				7.7				9.2			
ENERGY EFFICIENCY RATIO/ COEFFICIENT OF PERFORMANCE [kW/kW]		3.68	3.64	3.62	3.64	3.21	3.50	3.21	3.50	3.14	3.52	3.14	3.52
DIMENSION (H×W×D)	OUTDOOR UNIT [mm]	541 × 663 × 290								542 × 799 × 290			
	INDOOR UNIT (GRILLE) [mm]	245 × 570 × 570 (49 × 620 × 620)		198 × 700 × 620		245 × 570 × 570 (49 × 620 × 620)		198 × 700 × 620		245 × 570 × 570 (49 × 620 × 620)		198 × 700 × 620	
WEIGHT	OUTDOOR UNIT [kg]	23				25				32			
	INDOOR UNIT (GRILLE) [kg]	15 (2.3)		17		15 (2.3)		17		15 (2.3)		17	
REFRIGERANT CHARGE (Tons - CO ₂ equivalent) [kg] (t-CO ₂ eq)		0.60 (0.405)				0.70 (0.473)				0.85 (0.574)			

- For more information, visit our web site at: www.fujitsu-general.com
- For spare parts inquiry, consult the store that you purchased the product.
- Sound pressure level : less than 70 dB(A) by according to IEC 704-1.

OPERATING RANGE		INDOOR	OUTDOOR
COOLING/DRY	[°C]	18 to 32	-10 to 46
HEATING	[°C]	16 to 30	-15 to 24
HUMIDITY	[%]	80 or less	—

- If the air conditioner is operated under the conditions except the permissible temperature range, the air conditioner may stop because of the automatic protection circuit working.
- Depending on the operating conditions, the heat exchanger may freeze during the Cooling or Dry mode and it may cause water leakage and other damage.
- If the unit is used for long periods under high-humidity conditions, condensation may form on the surface of the indoor unit, and drip onto the floor or other objects underneath.

[Original instructions]



PART No. 9333272634 (En)

FUJITSU GENERAL LIMITED

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