



ENERG

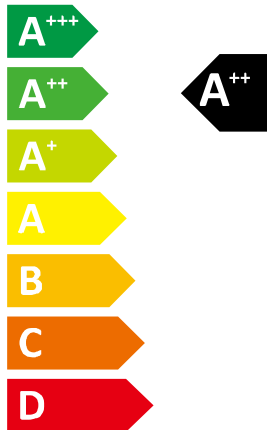
енергия · ενεργεια



GENERAL

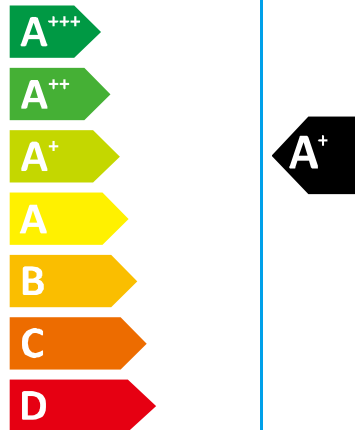
ΑΟΗG09KBTV / ARXG09KLLAP

SEER



kW **2.5**
SEER **6.2**
kWh/annum **141**

SCOP



kW	X	2.6	X
SCOP	X	4.3	X
kWh/annum	X	845	X



57 dB



59 dB



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

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) : ARXG09KLLAP
 Outdoor unit : AOHG09KBTB
 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	2.5	kW	Cooling	SEER	6.20	-
Heating/Average	Pdesignh	2.6	kW	Heating/Average	SCOP/A	4.30	-
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 energy efficiency ratio, at indoor temperature 27 (19) °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
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			
Tj = 35°C	Pdc	2.50	kW	Tj = 35°C	EER d	4.17	-
Tj = 30°C	Pdc	1.84	kW	Tj = 30°C	EER d	5.60	-
Tj = 25°C	Pdc	1.18	kW	Tj = 25°C	EER d	7.74	-
Tj = 20°C	Pdc	1.15	kW	Tj = 20°C	EER d	9.76	-

Heating/Average				Declared coefficient of performance/Average season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
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			
Tj = -7°C	Pdh	2.30	kW	Tj = -7°C	COPd	3.10	-
Tj = 2°C	Pdh	1.40	kW	Tj = 2°C	COPd	4.29	-
Tj = 7°C	Pdh	0.90	kW	Tj = 7°C	COPd	5.29	-
Tj = 12°C	Pdh	1.36	kW	Tj = 12°C	COPd	6.48	-
Tj = bivalent temperature	Pdh	2.30	kW	Tj = bivalent temperature	COPd	3.10	-
Tj = operating limit	Pdh	1.78	kW	Tj = operating limit	COPd	2.56	-

Heating/Warmer				Declared coefficient of performance/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
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			
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 coefficient of performance/Colder season, at indoor temperature 20 °C and outdoor temperature Tj			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
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			
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	Pcyc	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}	141	kWh/a
Standby mode (Cooling/Heating)	P _{SB}	6.0/6.0	W	Heating/Average	Q _{HE}	845	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}	57.0/59.0	dB(A)
Staged	No	Global warming potential	GWP	675	kgCO ₂ eq.
Variable	Yes	Rated air flow (Indoor/Outdoor)	-	600/1480	m ³ /h

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

V20121214

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

MODEL	OUTDOOR UNIT	AOHG09KBTB				AOHG12KBTB				AOHG14KBTB							
	INDOOR UNIT	AUXG09KVLA	ARXG09KLLAP	AUXG12KVLA	ARXG12KLLAP	ARXG12KHTAP	AUXG14KVLA	ARXG14KLLAP	ARXG14KHTAP	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING
		COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING
SOUND POWER LEVEL	OUTDOOR UNIT [dB(A)]	59	59	59	59	61	61	61	61	61	61	62	62	62	62	62	62
	INDOOR UNIT [dB(A)]	46	47	57	57	49	49	58	58	57	58	50	55	60	60	59	60
REFRIGERANT/GLOBAL WARMING POTENTIAL		R32 / 675 (IPCC AR4) ^(*)															
SEASONAL ENERGY EFFICIENCY RATIO/ SEASONAL COEFFICIENT OF PERFORMANCE		6.7	4.4	6.2	4.3	6.6	4.3	6.1	4.0	6.3	4.1	6.5	4.4	5.8	3.9	6.2	4.0
ENERGY EFFICIENCY CLASS		A++	A+	A++	A+	A++	A+	A++	A+	A++	A+	A++	A+	A+	A	A++	A+
ANNUAL ENERGY CONSUMPTION (Q _{CE})(Q _{HE}) [kWh/a]		131 ^(*)	826 ^(*)	141 ^(*)	845 ^(*)	186 ^(*)	1106 ^(*)	201 ^(*)	1189 ^(*)	194 ^(*)	1159 ^(*)	231 ^(*)	1208 ^(*)	259 ^(*)	1362 ^(*)	243 ^(*)	1328 ^(*)
P _{design} [kW]		2.5 (35 °C)	2.6 (-10 °C)	2.5 (35 °C)	2.6 (-10 °C)	3.5 (35 °C)	3.4 (-10 °C)	3.5 (35 °C)	3.4 (-10 °C)	3.5 (35 °C)	3.4 (-10 °C)	4.3 (35 °C)	3.8 (-10 °C)	4.3 (35 °C)	3.8 (-10 °C)	4.3 (35 °C)	3.8 (-10 °C)
BACKUP HEATER CAPACITY/ DECLARED CAPACITY [kW]		—	0.53/ 2.08	—	0.50/ 2.11	—	0.60/ 2.80	—	0.58/ 2.82	—	0.60/ 2.80	—	0.56/ 3.24	—	0.59/ 3.21	—	0.54/ 3.26

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	AOHG09KBTB				AOHG12KBTB				AOHG14KBTB							
	INDOOR UNIT	AUXG09KVLA	ARXG09KLLAP	AUXG12KVLA	ARXG12KLLAP	ARXG12KHTAP	AUXG14KVLA	ARXG14KLLAP	ARXG14KHTAP	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING
TYPE		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	COOLING	HEATING	COOLING	HEATING
CAPACITY [kW]		2.50	3.20	2.50	3.20	3.50	4.10	3.50	4.10	3.50	4.10	4.30	5.00	4.30	5.00	4.30	5.00
POWER INPUT [kW]		0.55	0.79	0.60	0.79	0.93	1.08	0.93	1.08	0.87	1.00	1.28	1.32	1.28	1.32	1.17	1.25
CURRENT [A]		2.9	4.0	3.1	4.0	4.1	4.8	4.1	4.8	3.9	4.4	5.6	5.8	5.6	5.8	5.1	5.5
MAX. CURRENT [A]		7.9	7.9	7.9	7.9	9.7	9.7	9.7	9.7	9.7	9.7	10.2	10.2	10.2	10.2	10.2	10.2
ENERGY EFFICIENCY RATIO/ COEFFICIENT OF PERFORMANCE [kW/kW]		4.57	4.05	4.17	4.05	3.76	3.80	3.76	3.80	4.02	4.10	3.36	3.79	3.36	3.79	3.68	4.00
DIMENSION (H×W×D)	OUTDOOR UNIT [mm]	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		300 × 700 × 700		245 × 570 × 570 (49 × 620 × 620)		198 × 700 × 620		300 × 700 × 700	
WEIGHT	OUTDOOR UNIT [kg]	32				33				33							
	INDOOR UNIT (GRILLE) [kg]	15 (2.3)		17		15 (2.3)		17		27		15 (2.3)		17		27	
REFRIGERANT CHARGE (Tons - CO ₂ equivalent) [kg] (t-CO ₂ eq)		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	-15 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. 9320700959 (En)

FUJITSU GENERAL LIMITED

3-3-17, Suenaga, Takatsu-ku, Kawasaki 213-8502, Japan