

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 : MULTI SPLIT
 WALL MOUNTED
 Indoor unit(s) : ASYG07KGTB x 2
 Outdoor unit : AOYG14KBTA2
 BRAND : FUJITSU

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	4.0	kW	Cooling	SEER	8.70	-
Heating/Average	Pdesignh	3.5	kW	Heating/Average	SCOP/A	4.70	-
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	4.00	kW	Tj = 35°C	EER d	4.12	-
Tj = 30°C	Pdc	2.95	kW	Tj = 30°C	EER d	6.70	-
Tj = 25°C	Pdc	1.89	kW	Tj = 25°C	EER d	10.97	-
Tj = 20°C	Pdc	1.81	kW	Tj = 20°C	EER d	14.16	-

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	3.10	kW	Tj = -7°C	COPd	3.12	-
Tj = 2°C	Pdh	1.88	kW	Tj = 2°C	COPd	4.46	-
Tj = 7°C	Pdh	1.21	kW	Tj = 7°C	COPd	6.49	-
Tj = 12°C	Pdh	1.58	kW	Tj = 12°C	COPd	8.20	-
Tj = bivalent temperature	Pdh	3.10	kW	Tj = bivalent temperature	COPd	3.12	-
Tj = operating limit	Pdh	2.41	kW	Tj = operating limit	COPd	2.56	-

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	Pcych	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}	1.0/1.0	W	Cooling	Q _{CE}	161	kWh/a
Standby mode (Cooling/Heating)	P _{SB}	1.0/1.0	W	Heating/Average	Q _{HE}	1042	kWh/a
Thermostat-off mode (Cooling/Heating)	P _{TO}	8.0/11.0	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}	54.0/60.0	dB(A)
Staged	No	Global warming potential	GWP	675	kgCO ₂ eq.
Variable	Yes	Rated air flow (Indoor/Outdoor)	-	650/1670	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 (all indoor unit WALL MOUNTED KG type only)

N/A = Not Applicable

Combination of Indoor unit *1		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
		Pdesignnc	SEER	Q _{CE}	Energy efficiency class	Pdesignnh	SCOP/A	Q _{HE}	Energy efficiency class	Pdesignnh	SCOP/W	Q _{HE}	Energy efficiency class	Pdesignnh	SCOP/C	Q _{HE}	Energy efficiency class
		kW	-	kWh/a		kW	-	kWh/a		kW	-	kWh/a		kW	-	kWh/a	
07	07	4.0	8.7	161	A+++	3.5	4.7	1042	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	09	4.0	8.7	161	A+++	3.5	4.7	1042	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	12	4.0	8.7	161	A+++	3.5	4.7	1042	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	09	4.0	8.7	161	A+++	3.5	4.7	1042	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	12	4.0	8.7	161	A+++	3.5	4.7	1042	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Indoor unit combination (all indoor unit WALL MOUNTED type only)

N/A = Not Applicable

Combination of Indoor unit *1		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
		Pdesignnc	SEER	Q _{CE}	Energy efficiency class	Pdesignnh	SCOP/A	Q _{HE}	Energy efficiency class	Pdesignnh	SCOP/W	Q _{HE}	Energy efficiency class	Pdesignnh	SCOP/C	Q _{HE}	Energy efficiency class
		kW	-	kWh/a		kW	-	kWh/a		kW	-	kWh/a		kW	-	kWh/a	
07	07	4.0	8.5	164	A+++	3.5	4.7	1041	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	09	4.0	8.5	164	A+++	3.5	4.7	1041	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	12	4.0	8.5	164	A+++	3.5	4.7	1041	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	09	4.0	8.5	164	A+++	3.5	4.7	1041	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	12	4.0	8.5	164	A+++	3.5	4.7	1041	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Indoor unit combination (except all indoor unit WALL MOUNTED type only)

N/A = Not Applicable

Combination of Indoor unit *1		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
		Pdesignnc	SEER	Q _{CE}	Energy efficiency class	Pdesignnh	SCOP/A	Q _{HE}	Energy efficiency class	Pdesignnh	SCOP/W	Q _{HE}	Energy efficiency class	Pdesignnh	SCOP/C	Q _{HE}	Energy efficiency class
		kW	-	kWh/a		kW	-	kWh/a		kW	-	kWh/a		kW	-	kWh/a	
07	07	4.0	6.8	206	A++	3.5	4.1	1195	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	09	4.0	6.8	206	A++	3.5	4.1	1195	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	12	4.0	6.8	206	A++	3.5	4.1	1195	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	09	4.0	6.8	206	A++	3.5	4.1	1195	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	12	4.0	6.8	206	A++	3.5	4.1	1195	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*1

07 = 7000Btu/h class = 2.0kW class

09 = 9000Btu/h class = 2.5kW class

12 = 12000Btu/h class = 3.5kW class

14 = 14000Btu/h class = 4.0kW 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)
OUTDOOR	AOYG14KBTA2	-	542 x 799 x 290	60	62
WALL MOUNTED	ASYG07KGTB	2.0	270 x 834 x 215	54	56
	ASYG09KGTB	2.5		55	57
	ASYG12KGTB	3.5		56	58
	ASYG07KMTB	2.0	270 x 834 x 222	54	56
	ASYG09KMTB	2.5		55	57
	ASYG12KMTB	3.5		55	58
CASSETTE	AUXG07KVLA	2.0	245 x 570 x 570 (Panel: 49 x 620 x 620)	46	47
	AUXG09KVLA	2.5		46	47
	AUXG12KVLA	3.5		49	49
DUCT	ARXG07KSLAP	2.0	198 x 700 x 450	52	53
	ARXG09KSLAP	2.5		54	56
	ARXG12KSLAP	3.5		55	57
	ARXG07KLLAP	2.0	198 x 700 x 620	57	57
	ARXG09KLLAP	2.5		57	57
	ARXG12KLLAP	3.5		58	58