

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) : ASEH09KMCG x 2
 Outdoor unit : AOE18KBCA2
 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	5.0	kW	Cooling	SEER	8.64	-
Heating/Average	Pdesignh	4.2	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 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	5.00	kW	Tj = 35°C	EER d	4.03	-
Tj = 30°C	Pdc	3.68	kW	Tj = 30°C	EER d	6.60	-
Tj = 25°C	Pdc	2.37	kW	Tj = 25°C	EER d	9.34	-
Tj = 20°C	Pdc	1.39	kW	Tj = 20°C	EER d	18.49	-

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
Tj = -7°C	Pdh	3.72	kW	Tj = -7°C	COPd	3.31	-
Tj = 2°C	Pdh	2.26	kW	Tj = 2°C	COPd	4.43	-
Tj = 7°C	Pdh	1.45	kW	Tj = 7°C	COPd	6.32	-
Tj = 12°C	Pdh	1.53	kW	Tj = 12°C	COPd	7.88	-
Tj = bivalent temperature	Pdh	3.72	kW	Tj = bivalent temperature	COPd	3.31	-
Tj = operating limit*	Pdh	3.45	kW	Tj = operating limit*	COPd	3.06	-

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
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
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}	2.0/2.0	W	Cooling	Q _{CE}	202	kWh/a
Standby mode (Cooling/Heating)	P _{SB}	2.0/2.0	W	Heating/Average	Q _{HE}	1248	kWh/a
Thermostat-off mode (Cooling/Heating)	P _{TO}	8.0/12.0	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}	55.0/60.0	dB(A)
Staged	No	Global warming potential	GWP	675	kgCO ₂ eq.
Variable	Yes	Rated air flow (Indoor/Outdoor)	-	700/1960	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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* : Temperature at part load E condition(EN 14825)

V20121214

Information of indoor unit combination

Indoor unit combination (WALL MOUNTED KG/KM 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
		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					
07	07	4.0	8.8	159	A+++	3.8	4.7	1131	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	09	4.5	8.7	181	A+++	4.0	4.7	1191	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	12	5.0	8.6	202	A+++	4.2	4.7	1250	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	14	5.0	8.6	202	A+++	4.2	4.7	1250	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	09	5.0	8.6	202	A+++	4.2	4.7	1250	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	12	5.0	8.6	202	A+++	4.2	4.7	1250	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	14	5.0	8.6	202	A+++	4.2	4.7	1250	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	12	5.0	8.6	202	A+++	4.2	4.7	1250	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	14	5.0	8.6	202	A+++	4.2	4.7	1250	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Indoor unit combination (WALL MOUNTED KE type only)

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
		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					
07	07	4.0	8.7	161	A+++	3.8	4.7	1131	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	09	4.5	8.6	183	A+++	4.0	4.7	1190	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	12	5.0	8.5	206	A+++	4.2	4.7	1249	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	14	5.0	8.5	206	A+++	4.2	4.7	1249	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	09	5.0	8.5	206	A+++	4.2	4.7	1249	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	12	5.0	8.5	206	A+++	4.2	4.7	1249	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	14	5.0	8.5	206	A+++	4.2	4.7	1249	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	12	5.0	8.5	206	A+++	4.2	4.7	1249	A++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	14	5.0	8.5	206	A+++	4.2	4.7	1249	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 KG/KM/KE type)

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
		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					
05	05	3.0	6.9	152	A++	2.9	4.1	990	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
05	07	3.5	6.9	178	A++	3.4	4.1	1161	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
05	09	4.0	6.9	203	A++	3.8	4.1	1298	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
05	12	5.0	6.7	261	A++	4.2	4.0	1469	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
05	14	5.0	6.7	261	A++	4.2	4.0	1469	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	07	4.0	6.9	203	A++	3.8	4.1	1297	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	09	4.5	6.8	232	A++	4.0	4.0	1397	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	12	5.0	6.7	261	A++	4.2	4.0	1469	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07	14	5.0	6.7	261	A++	4.2	4.0	1469	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	09	5.0	6.7	261	A++	4.2	4.0	1469	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	12	5.0	6.7	261	A++	4.2	4.0	1469	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09	14	5.0	6.7	261	A++	4.2	4.0	1469	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	12	5.0	6.7	261	A++	4.2	4.0	1469	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	14	5.0	6.7	261	A++	4.2	4.0	1469	A+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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- 05 = 5000Btu/h class = 1.5kW class
- 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 x D]	Sound power level(Cooling)	Sound power level(Heating)
		kW	mm	dB(A)	dB(A)
OUTDOOR	AOEG18KBCA2	-	632 x 799 x 290	60	62
WALL MOUNTED	ASYH05KNCA	1.5	270 x 784 x 222	50	50
	ASYH07KNCA	2.0		51	51
	ASYH09KNCA	2.5		56	56
	ASYH12KNCA	3.5		57	57
	ASYG07KMCF ASEH07KMCG ASEH07KMCG-B	2.0	270 x 834 x 222	54	56
	ASYG09KMCF ASEH09KMCG ASEH09KMCG-B	2.5		55	57
	ASYG12KMCF ASEH12KMCG ASEH12KMCG-B	3.5		55	58
	ASYG14KMCF ASEH14KMCG ASEH14KMCG-B	4.0		57	59
	ASYG07KGTG ASEH07KGTG	2.0	270 x 834 x 215	54	56
	ASYG09KGTG ASEH09KGTG	2.5		55	57
	ASYG12KGTG ASEH12KGTG	3.5		56	58
	ASYG14KGTG ASEH14KGTG	4.0		57	59
	ASYG07KETF ASEG07KETF ASYG07KETF-B ASEG07KETF-B	2.0	295 x 950 x 230	54	56
	ASYG09KETF ASEG09KETF ASYG09KETF-B ASEG09KETF-B	2.5		55	57
	ASYG12KETF ASEG12KETF ASYG12KETF-B ASEG12KETF-B	3.5		55	58
	ASYG14KETF ASEG14KETF ASYG14KETF-B ASEG14KETFB	4.0		57	59
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
	AUXG14KVLA	4.0		50	55
DUCT	ARXG07KSLAP	2.0	198 x 700 x 450	52	53
	ARXG09KSLAP	2.5		54	56
	ARXG12KSLAP	3.5		55	57
	ARXG14KSLAP	4.0		60	62
	ARXG07KLLAP	2.0	198 x 700 x 620	57	57
	ARXG09KLLAP	2.5		57	57
	ARXG12KLLAP	3.5		58	58
	ARXG14KLLAP	4.0		60	60
	ARXH12KMTAP	3.5	240 x 700 x 700	58	58
	ARXH14KMTAP	4.0		59	59
FLOOR	AGYG09KVCA AGEG09KVCA	2.5	600 x 740 x 200	52	52
	AGYG12KVCA AGEG12KVCA	3.5		55	55
	AGYG14KVCA AGEG14KVCA	4.0		56	56