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
		WALL MOUNTED
Indoor unit(s)	:	ASYG09KPCA
Outdoor unit	:	AOYG09KPCA
BRAND	:	FUJITSU

N/A = Not Applicable

Function			
Cooling	Yes	Average	Yes
Heating	Yes	Warmer	Yes
		Colder	No

Design load				Seasonal efficiency			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Cooling	Pdesignc	2.5	kW	Cooling	SEER	6.70	-
Heating/Average	Pdesignh	2.4	kW	Heating/Average	SCOP/A	4.00	-
Heating/Warmer	Pdesignh	1.3	kW	Heating/Warmer	SCOP/W	5.10	-
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	2.50	kW	Tj = 35°C	EER d	3.52	-
Tj = 30°C	Pdc	1.84	kW	Tj = 30°C	EER d	5.26	-
Tj = 25°C	Pdc	1.18	kW	Tj = 25°C	EER d	9.11	-
Tj = 20°C	Pdc	1.18	kW	Tj = 20°C	EER d	11.80	-

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	2.12	kW	Tj = -7°C	COPd	2.25	-
Tj = 2°C	Pdh	1.29	kW	Tj = 2°C	COPd	4.16	-
Tj = 7°C	Pdh	0.83	kW	Tj = 7°C	COPd	5.19	-
Tj = 12°C	Pdh	0.88	kW	Tj = 12°C	COPd	6.28	-
Tj = bivalent temperature	Pdh	2.12	kW	Tj = bivalent temperature	COPd	2.25	-
Tj = operating limit	Pdh	2.13	kW	Tj = operating limit	COPd	2.24	-

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	1.30	kW	Tj = 2°C	COPd	4.19	-
Tj = 7°C	Pdh	0.84	kW	Tj = 7°C	COPd	5.22	-
Tj = 12°C	Pdh	0.88	kW	Tj = 12°C	COPd	6.29	-
Tj = bivalent temperature	Pdh	1.30	kW	Tj = bivalent temperature	COPd	4.19	-
Tj = operating limit	Pdh	2.13	kW	Tj = operating limit	COPd	2.24	-

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℃	Pdh	N/A	kW	Tj = -7℃	COPd	N/A	-
Tj = 2℃	Pdh	N/A	kW	Tj = 2℃	COPd	N/A	-
Tj = 7℃	Pdh	N/A	kW	Tj = 7℃	COP d	N/A	-
Tj = 12℃	Pdh	N/A	kW	Tj = 12℃	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℃	Pdh	N/A	kW	Tj = -15℃	COP d	N/A	-

Bivalent temperature				Operating limit temperature			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heating/Average	Tbiv	-7	℃	Heating/Average	Tol	-15	℃
Heating/Warmer	Tbiv	2	℃	Heating/Warmer	Tol	-15	℃
Heating/Colder	Tbiv	N/A	℃	Heating/Colder	Tol	N/A	℃

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}	5.0/5.0	W	Cooling	Q_{CE}	131	kWh/a
Standby mode (Cooling/Heating)	P_{SB}	5.0/5.0	W	Heating/Average	Q_{HE}	840	kWh/a
Thermostat-off mode (Cooling/Heating)	P_{TO}	1.0/9.0	W	Heating/Warmer	Q_{HE}	356	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}	58.0/59.0	dB(A)
Staged	No	Global warming potential	GWP	675	$kgCO_2eq.$
Variable	Yes	Rated air flow (Indoor/Outdoor)	-	580/1650	m^3/h

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