

Information requirements							
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.206/2013 and No.626/2013. Information to identify the model(s) to which the information relates to:							
AIR CONDITIONER							
TYPE : MULTI SPLIT							
WALL-MOUNTED							
Indoor unit(s) : 42QSS009D8S*2							
Outdoor unit : 38QUS018D8S2-1							
Brand : Carrier							
Function (indicate if present)				if function includes heating : Indicate the heating season the information relates to. Indicated values should relate to one			
cooling		Y		Average (mandatory)		Y	
heating		Y		Warmer (if designated)		N	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	5,3	kW	cooling	SEER	6,1	-
heating/Average	Pdesignh	4,6	kW	heating/Average	SCOP/A	3,8	-
heating/Warmer	Pdesignh	x,x	kW	heating/Warmer	SCOP/W	x,x	-
heating/Colder	Pdesignh	x,x	kW	heating/Colder	SCOP/C	x,x	-
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	5,300	kW	Tj = 35°C	EERd	3,22	-
Tj = 30°C	Pdc	3,724	kW	Tj = 30°C	EERd	4,96	-
Tj = 25°C	Pdc	2,473	kW	Tj = 25°C	EERd	7,59	-
Tj = 20°C	Pdc	1,326	kW	Tj = 20°C	EERd	11,77	-
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	4,138	kW	Tj = -7°C	COPd	2,71	-
Tj = 2°C	Pdh	2,608	kW	Tj = 2°C	COPd	3,84	-
Tj = 7°C	Pdh	1,736	kW	Tj = 7°C	COPd	4,47	-
Tj = 12°C	Pdh	1,912	kW	Tj = 12°C	COPd	5,53	-
Tj = bivalent temperature	Pdh	4,138	kW	Tj = bivalent temperature	COPd	2,71	-
Tj = operating limit	Pdh	4,025	kW	Tj = operating limit	COPd	2,62	-
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	x,x	kW	Tj = 2°C	COPd	x,x	-
Tj = 7°C	Pdh	x,x	kW	Tj = 7°C	COPd	x,x	-
Tj = 12°C	Pdh	x,x	kW	Tj = 12°C	COPd	x,x	-
Tj = bivalent temperature	Pdh	x,x	kW	Tj = bivalent temperature	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-
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	x,x	kW	Tj = -7°C	COPd	x,x	-
Tj = 2°C	Pdh	x,x	kW	Tj = 2°C	COPd	x,x	-
Tj = 7°C	Pdh	x,x	kW	Tj = 7°C	COPd	x,x	-
Tj = 12°C	Pdh	x,x	kW	Tj = 12°C	COPd	x,x	-
Tj = bivalent temperature	Pdh	x,x	kW	Tj = bivalent temperature	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-
Tj = -15°C	Pdh	x,x	kW	Tj = -15°C	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-15	°C
heating/Warmer	Tbiv	x	°C	heating/Warmer	Tol	x	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcyc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcyc	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling				Degradation co-efficient heating			
	Cdc	0,25	-		Cdc	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0,014	kW	cooling	Q <sub>CE</sub>	303	kWh/a
standby mode	Psb	0,014	kW	heating/Average	Qhe	1695	kWh/a
thermostat-off mode	Pto	0,001	kW	heating/Warmer	Qhe	x	kWh/a
crankcase heater mode	Pck	0	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	symbol	value	unit	Item	symbol	value	unit
fixed		Y/N		Sound power level (indoor/outdoor)	LWA	60/65	dB(A)
staged		Y/N		Global warming potential	GWP	675	kgCO <sub>2</sub> eq
variable		Y		Rated air flow (indoor/outdoor)		x/x	m <sup>3</sup> /h
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