

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.206/2012 and No.626/2011. Information to identify the model(s) to which the information relates to:							
AIR CONDITIONER							
TYPE : SPLIT							
Console Type							
Indoor unit(s) : 42QZA012DS-1							
Outdoor unit : 38QUS012DS-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 heating season at a time. Include at least the heating season 'Average'.			
cooling		Y		Average (mandatory)		Y	
heating		Y		Warmer (if designated)		Y	
				Colder (if designated)		Y	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	3.52	kW	cooling	SEER	5.94	-
heating/Average	Pdesignh	2.91	kW	heating/Average	SCOP/A	4.00	-
heating/Warmer	Pdesignh	3.60	kW	heating/Warmer	SCOP/W	4.70	-
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	3.52	kW	Tj = 35°C	EERd	3.00	-
Tj = 30°C	Pdc	2.60	kW	Tj = 30°C	EERd	4.40	-
Tj = 25°C	Pdc	1.70	kW	Tj = 25°C	EERd	7.80	-
Tj = 20°C	Pdc	1.10	kW	Tj = 20°C	EERd	10.8	-
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	2.57	kW	Tj = -7°C	COPd	2.60	-
Tj = 2°C	Pdh	1.70	kW	Tj = 2°C	COPd	4.05	-
Tj = 7°C	Pdh	1.00	kW	Tj = 7°C	COPd	5.05	-
Tj = 12°C	Pdh	1.05	kW	Tj = 12°C	COPd	5.90	-
Tj = bivalent temperature	Pdh	2.57	kW	Tj = bivalent temperature	COPd	2.60	-
Tj = operating limit	Pdh	2.45	kW	Tj = operating limit	COPd	2.10	-
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	3.60	kW	Tj = 2°C	COPd	2.60	-
Tj = 7°C	Pdh	2.15	kW	Tj = 7°C	COPd	4.78	-
Tj = 12°C	Pdh	1.10	kW	Tj = 12°C	COPd	6.30	-
Tj = bivalent temperature	Pdh	3.60	kW	Tj = bivalent temperature	COPd	2.60	-
Tj = operating limit	Pdh	3.60	kW	Tj = operating limit	COPd	2.60	-
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	2	°C	heating/Warmer	Tol	2	°C
heating/Colder	Tbiv	-15	°C	heating/Colder	Tol	-25	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcyh	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0.25	-	Degradation co-efficient heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0.006	kW	cooling	Q _{CE}	207	kWh/a
standby mode	Psb	0.006	kW	heating/Average	Q _{he}	1016	kWh/a
thermostat-off mode	Pto	0.006	kW	heating/Warmer	Q _{he}	1072	kWh/a
crankcase heater mode	Pck	0	kW	heating/Colder	Q _{he}	x,x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	Y/N			Item	symbol	value	unit
fixed	N			Sound power level (indoor/outdoor)	LWA	60/65	dB(A)
staged	N			Global warming potential	GWP	2088	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	540/2100	m ³ /h
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