

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) : 42QZA009DS-1							
Outdoor unit : 38QUS009DS-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	2.64	kW	cooling	SEER	6.12	-
heating/Average	Pdesignh	2.30	kW	heating/Average	SCOP/A	4.00	-
heating/Warmer	Pdesignh	2.50	kW	heating/Warmer	SCOP/W	5.10	-
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	2.64	kW	Tj = 35°C	EERd	3.10	-
Tj = 30°C	Pdc	1.80	kW	Tj = 30°C	EERd	4.80	-
Tj = 25°C	Pdc	1.25	kW	Tj = 25°C	EERd	8.10	-
Tj = 20°C	Pdc	1.00	kW	Tj = 20°C	EERd	11.9	-
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	2.05	kW	Tj = -7°C	COPd	2.55	-
Tj = 2°C	Pdh	1.26	kW	Tj = 2°C	COPd	4.02	-
Tj = 7°C	Pdh	0.85	kW	Tj = 7°C	COPd	5.05	-
Tj = 12°C	Pdh	0.88	kW	Tj = 12°C	COPd	6.30	-
Tj = bivalent temperature	Pdh	2.05	kW	Tj = bivalent temperature	COPd	2.55	-
Tj = operating limit	Pdh	2.30	kW	Tj = operating limit	COPd	2.00	-
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	2.50	kW	Tj = 2°C	COPd	2.80	-
Tj = 7°C	Pdh	1.65	kW	Tj = 7°C	COPd	4.68	-
Tj = 12°C	Pdh	0.85	kW	Tj = 12°C	COPd	6.35	-
Tj = bivalent temperature	Pdh	2.50	kW	Tj = bivalent temperature	COPd	2.80	-
Tj = operating limit	Pdh	2.50	kW	Tj = operating limit	COPd	2.80	-
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	Pcyc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcyc	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	Qce	151	kWh/a
standby mode	Psb	0.006	kW	heating/Average	Qhe	805	kWh/a
thermostat-off mode	Pto	0.006	kW	heating/Warmer	Qhe	686	kWh/a
crankcase heater mode	Pck	0	kW	heating/Colder	Qhe	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	60/64	dB(A)
staged	N			Global warming potential	GWP	2088	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	460/1900	m ³ /h
Contact details for obtaining more information	Company: Foshan Midea Carrier Air-Conditioning Equipment Co. Ltd Address: Northern of No.5 Industrial District of Midea, Shunde, Foshan City, Guangdong Province, P.R. China 528311 Telephone: +86-757-26338546 Fax: +86-757-26337977						