

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 (EU) No.626/2011. Information to identify the model(s) to which the information relates to:

AIR CONDITIONER

TYPE : Split Wall-mounted

Indoor unit(s) : MSAEBU-12HRFN7-QRD6GW
 Outdoor unit : MOX330-12HFN7-QRD6GW
 Brand : MIDEA

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)	N		
				Colder (if designated)	N		
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	3.5	kW	cooling	SEER	8.5	-
heating/Average	Pdesignh	2.4	kW	heating/Average	SCOP/A	4.6	-
heating/Warmer	Pdesignh	2.3	kW	heating/Warmer	SCOP/W	5.2	-
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	3.502	kW	Tj = 35°C	EERd	3.63	-
Tj = 30°C	Pdc	2.434	kW	Tj = 30°C	EERd	5.91	-
Tj = 25°C	Pdc	1.524	kW	Tj = 25°C	EERd	10.36	-
Tj = 20°C	Pdc	0.817	kW	Tj = 20°C	EERd	16.43	-
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	2.123	kW	Tj = -7°C	COPd	3.02	-
Tj = 2°C	Pdh	1.322	kW	Tj = 2°C	COPd	4.74	-
Tj = 7°C	Pdh	0.912	kW	Tj = 7°C	COPd	5.67	-
Tj = 12°C	Pdh	0.924	kW	Tj = 12°C	COPd	6.82	-
Tj = bivalent temperature	Pdh	2.123	kW	Tj = bivalent temperature	COPd	3.02	-
Tj = operating limit	Pdh	1.954	kW	Tj = operating limit	COPd	2.83	-
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	2.301	kW	Tj = 2°C	COPd	2.60	-
Tj = 7°C	Pdh	1.582	kW	Tj = 7°C	COPd	5.41	-
Tj = 12°C	Pdh	0.849	kW	Tj = 12°C	COPd	5.99	-
Tj = bivalent temperature	Pdh	2.301	kW	Tj = bivalent temperature	COPd	2.60	-
Tj = operating limit	Pdh	2.301	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	-10	°C
heating/Warmer	Tbiv	2	°C	heating/Warmer	Tol	x	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°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	Cdc	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0.001	kW	cooling	Q _{CE}	155	kWh/a
standby mode	Psb	0.001	kW	heating/Average	Qhe	810	kWh/a
thermostat-off mode	Pto	0.009	kW	heating/Warmer	Qhe	619	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	50/58	dB(A)
staged		Y/N		Global warning potential	GWP	3	kgCO ₂ eq
variable		Y		Rated air flow (indoor/outdoor)	-	335/3000	m ³ /h
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