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
	WALL-MOUNTED
Indoor unit(s)	: MB-09N8D6H-I (MSMBBU-09HRFN8-QRD6GW)
Outdoor unit	: MB-09N8D6H-O (MOB01-09HFN8-QRD6GW)
Brand	: MIDEA

Function (indicate if present)		if fuction 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	2.6	kW	cooling	SEER	8.3	-
heating/Average	Pdesignh	2.3	kW	heating/Average	SCOP/A	4.6	-
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				Declared energy efficiency ratio(*), at indoor temperature			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 35℃	Pdc	2.600	kW	Tj = 35℃	EERd	4.00	-
Tj = 30℃	Pdc	1.850	kW	Tj = 30℃	EERd	6.38	-
Tj = 25℃	Pdc	1.160	kW	Tj = 25℃	EERd	10.09	-
Tj = 20℃	Pdc	1.130	kW	Tj = 20℃	EERd	15.27	-
Declared capacity(*) for heating/Average season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	2.035	kW	Tj = -7℃	COPd	3.03	-
Tj = 2℃	Pdh	1.300	kW	Tj = 2℃	COPd	4.76	-
Tj = 7℃	Pdh	0.820	kW	Tj = 7℃	COPd	5.39	-
Tj = 12℃	Pdh	0.920	kW	Tj = 12℃	COPd	7.08	-
Tj = bivalent temperature	Pdh	2.035	kW	Tj = bivalent temperature	COPd	3.03	-
Tj = operating limit	Pdh	2.376	kW	Tj = operating limit	COPd	2.43	-
Declared capacity(*) for heating/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 2℃	Pdh	x,x	kW	Tj = 2℃	COPd	x,x	-
Tj = 7℃	Pdh	x,x	kW	Tj = 7℃	COPd	x,x	-
Tj = 12℃	Pdh	x,x	kW	Tj = 12℃	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℃ and outdoor temperature Tj				Declared coefficient of performance(*)/Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7℃	Pdh	x,x	kW	Tj = -7℃	COPd	x,x	-
Tj = 2℃	Pdh	x,x	kW	Tj = 2℃	COPd	x,x	-
Tj = 7℃	Pdh	x,x	kW	Tj = 7℃	COPd	x,x	-
Tj = 12℃	Pdh	x,x	kW	Tj = 12℃	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 = -20℃	Pdh	x,x	kW	Tj = -20℃	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	℃	heating/Average	Tol	-15	℃
heating/Warmer	Tbiv	x	℃	heating/Warmer	Tol	x	℃
heating/Colder	Tbiv	x	℃	heating/Colder	Tol	x	℃
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcych	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}	111	kWh/a
standby mode	Psb	0.001	kW	heating/Average	Qhe	700	kWh/a
thermostat-off mode	Pto	0.009	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	55/61	dB(A)
staged	Y/N			Global warning potential	GWP	675	$kgCO_2$ eq
variable	Y			Rated air flow (indoor/outdoor)	-	440/1980	m^3/h
Contact details for obtaining more information	Address: No. 6 Midea Avenue, Beijiao, Shunde, Foshan City, Guangdong Province, P.R. China 528311 Telephone: +86 (0757)26338888 Fax: +86 (0757)26654011						