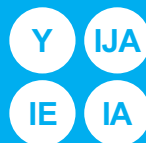




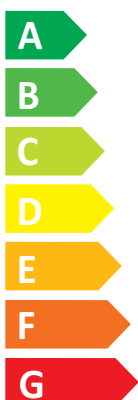
ENERG

енергия · ενέργεια



MDV-D22G/DN1-S*2,MDV-D45G/DN1-SINT
/ MDV-V105W/DN1EXT

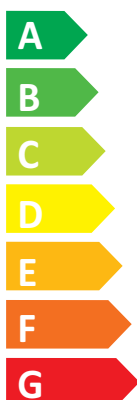
SEER



A

kW **9.0**
SEER **5.3**
kWh/annum **568**

SCOP



A

kW	X	9.0	X
SCOP	X	3.8	X
kWh/annum	X	3260	X



55dB



68dB



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
626/2011

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 : DC INVERTER MINI VRF
 DC FAN MOTOR WALL-MOUNTED
 Indoor unit(s) : MI-28G/DHN1-M(B)×2,MI-36G/DHN1-M(B)
 Outdoor unit : **MDV-V105W/DN1**
 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)		Y	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	9.0	kW	cooling	SEER	5.6	-
heating/Average	Pdesignh	8.2	kW	heating/Average	SCOP/A	3.8	-
heating/Warmer	Pdesignh	9.0	kW	heating/Warmer	SCOP/W	4.6	-
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	9.000	kW	Tj = 35°C	EERd	2.70	-
Tj = 30°C	Pdc	6.100	kW	Tj = 30°C	EERd	4.60	-
Tj = 25°C	Pdc	3.850	kW	Tj = 25°C	EERd	8.00	-
Tj = 20°C	Pdc	3.500	kW	Tj = 20°C	EERd	12.00	-
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	7.240	kW	Tj = -7°C	COPd	2.00	-
Tj = 2°C	Pdh	4.400	kW	Tj = 2°C	COPd	3.70	-
Tj = 7°C	Pdh	3.000	kW	Tj = 7°C	COPd	5.80	-
Tj = 12°C	Pdh	2.800	kW	Tj = 12°C	COPd	7.00	-
Tj = bivalent temperature	Pdh	7.240	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operating limit	Pdh	7.600	kW	Tj = operating limit	COPd	1.85	-
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	8.600	kW	Tj = 2°C	COPd	2.42	-
Tj = 7°C	Pdh	6.000	kW	Tj = 7°C	COPd	3.50	-
Tj = 12°C	Pdh	2.850	kW	Tj = 12°C	COPd	7.00	-
Tj = bivalent temperature	Pdh	7.100	kW	Tj = bivalent temperature	COPd	3.00	-

Tj = operating limit	Pdh	7.600	kW	Tj = operating limit	COPd	1.85	-
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	-10	℃
heating/Warmer	Tbiv	5	℃	heating/Warmer	Tol	-10	℃
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	0.017	kW	cooling	Q _{CE}	560	kWh/a
standby mode	Psb	0.017	kW	heating/Average	Qhe	3021	kWh/a
thermostat-off mode for cooling	Pto	0.069	kW	heating/Warmer	Qhe	2727	kWh/a
thermostat-off mode for heating	Pto	0.017	kW	heating/Colder	Qhe	x	kWh/a
crankcase heater mode	Pck	0.009	kW				
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	55/68	dB(A)
staged	Y/N			Global warning potential	GWP	2088	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	1500/5540	m ³ /h
Contact details for obtaining more information	Address: Penglai Industry Road, Beijiao, Shunde 528311 Foshan, Guangdong , PEOPLE'S REPUBLIC OF CHINA Telephone: +86 757 2633 8095 Fax: +86 757 2633 7444						