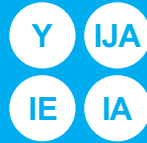




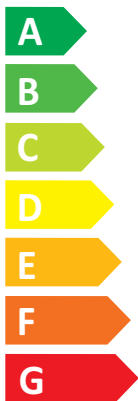
ENERG

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

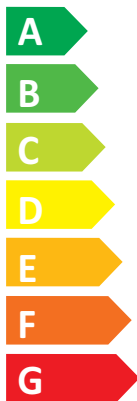
SEER



A

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

SCOP



A

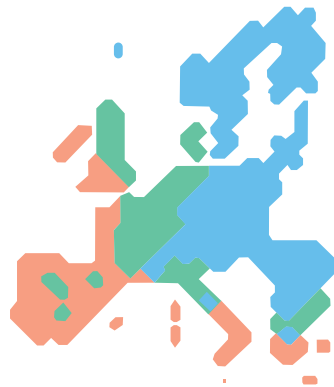
kW	X	9.0	X
SCOP	X	3.8	X
kWh/annum	X	3260	X



55dB



68dB



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 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)		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°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 = -20°C	Pdh	x,x	kW	Tj = -20°C	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-10	°C
heating/Warmer	Tbiv	5	°C	heating/Warmer	Tol	-10	°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	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 warming 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						