

PRODUCT INFORMATION (*)

ROOM AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	MSZ-DM25VA MUZ-DM25VA
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Function (indicate if present)	
cooling	Y
heating	Y

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'.	
Average (mandatory)	Y
Warmer (if designated)	Y
Colder (if designated)	N

Item	symbol	value	unit
Design load			
cooling	P _{designc}	2.5	kW
heating/Average	P _{designh}	1.9	kW
heating/Warmer	P _{designh}	1.1	kW
heating/Colder	P _{designh}	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	5.8	-
heating/Average	SCOP/A	4.1	-
heating/Warmer	SCOP/W	4.7	-
heating/Colder	SCOP/C	x	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T _j			
T _j =35°C	P _{dc}	2.5	kW
T _j =30°C	P _{dc}	1.9	kW
T _j =25°C	P _{dc}	1.9	kW
T _j =20°C	P _{dc}	1.8	kW

Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T _j			
T _j =35°C	EERd	3.8	-
T _j =30°C	EERd	5.8	-
T _j =25°C	EERd	7.1	-
T _j =20°C	EERd	8.3	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =-7°C	P _d	1.7	kW
T _j =2°C	P _d	1.1	kW
T _j =7°C	P _d	1.4	kW
T _j =12°C	P _d	1.6	kW
T _j =bivalent temperature	P _d	1.9	kW
T _j =operating limit	P _d	1.9	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =-7°C	COP _d	3.0	-
T _j =2°C	COP _d	4.2	-
T _j =7°C	COP _d	5.4	-
T _j =12°C	COP _d	6.3	-
T _j =bivalent temperature	COP _d	2.4	-
T _j =operating limit	COP _d	2.4	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =2°C	P _d	1.1	kW
T _j =7°C	P _d	1.4	kW
T _j =12°C	P _d	1.6	kW
T _j =bivalent temperature	P _d	1.1	kW
T _j =operating limit	P _d	1.9	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =2°C	COP _d	4.2	-
T _j =7°C	COP _d	5.4	-
T _j =12°C	COP _d	6.3	-
T _j =bivalent temperature	COP _d	4.2	-
T _j =operating limit	COP _d	2.4	-

Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =-7°C	P _d	x	kW
T _j =2°C	P _d	x	kW
T _j =7°C	P _d	x	kW
T _j =12°C	P _d	x	kW
T _j =bivalent temperature	P _d	x	kW
T _j =operating limit	P _d	x	kW
T _j =-15°C	P _d	x	kW

Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =-7°C	COP _d	x	-
T _j =2°C	COP _d	x	-
T _j =7°C	COP _d	x	-
T _j =12°C	COP _d	x	-
T _j =bivalent temperature	COP _d	x	-
T _j =operating limit	COP _d	x	-
T _j =-15°C	COP _d	x	-

Bivalent temperature			
heating/Average	T _{biv}	-10	°C
heating/Warmer	T _{biv}	2	°C
heating/Colder	T _{biv}	x	°C

Operating limit temperature			
heating/Average	T _{ol}	-10	°C
heating/Warmer	T _{ol}	-10	°C
heating/Colder	T _{ol}	x	°C

Cycling interval capacity			
for cooling	P _{cycc}	x	kW
for heating	P _{cyhc}	x	kW
Degradation co-efficient cooling	C _{dc}	0.25	-

Cycling interval efficiency			
for cooling	EER _{cycc}	x	-
for heating	COP _{cyhc}	x	-
Degradation co-efficient heating	C _{dh}	0.25	-

Electric power input in power modes other than 'active mode'			
off mode	P _{OFF}	1	W
standby mode	P _{SB}	1	W
thermostat - off mode	P _{TO}	12	W
crankcase heater mode	P _{CK}	0	W

Annual electricity consumption			
cooling	Q _{CE}	149	kWh/a
heating/Average	Q _{HE}	647	kWh/a
heating/Warmer	Q _{HE}	325	kWh/a
heating/Colder	Q _{HE}	x	kWh/a

Capacity control (indicate one of three options)	
fixed	N
staged	N
variable	Y

Other items			
Sound power level (indoor/outdoor)	L _{WA}	57/63	dB(A)
Global warming potential	GWP	1975	kgCO ₂ eq.
Rated air flow (indoor/outdoor)	-	570/1890	m ³ /h

Contact details for obtaining more information	MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS 3-18-1, Oshika, Sunaga-ku, Shizuoka 422-8528, Japan E-mail: metsherp@mitsubishielectric.co.jp
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(*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.