

**PRODUCT INFORMATION (\*)**

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-HJ25VA
	OUTDOOR MODEL	MUZ-HJ25VA

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 (mandatory)	Y
Warmer (if designated)	Y
Colder (if designated)	N

Item	symbol	value	unit
<b>Design load</b>			
cooling	P <sub>designc</sub>	2.5	kW
heating/Average	P <sub>designh</sub>	1.9	kW
heating/Warmer	P <sub>designh</sub>	1.1	kW
heating/Colder	P <sub>designh</sub>	x	kW

Item	symbol	value	unit
<b>Seasonal efficiency</b>			
cooling	SEER	5.1	-
heating/Average	SCOP/A	3.8	-
heating/Warmer	SCOP/W	4.3	-
heating/Colder	SCOP/C	x	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =35°C	P <sub>dc</sub>	2.5	kW
T <sub>j</sub> =30°C	P <sub>dc</sub>	1.9	kW
T <sub>j</sub> =25°C	P <sub>dc</sub>	1.7	kW
T <sub>j</sub> =20°C	P <sub>dc</sub>	1.8	kW

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =35°C	EERd	3.5	-
T <sub>j</sub> =30°C	EERd	5.0	-
T <sub>j</sub> =25°C	EERd	6.0	-
T <sub>j</sub> =20°C	EERd	7.2	-

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

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =-7°C	COPd	2.9	-
T <sub>j</sub> =2°C	COPd	3.9	-
T <sub>j</sub> =7°C	COPd	4.8	-
T <sub>j</sub> =12°C	COPd	5.9	-
T <sub>j</sub> =bivalent temperature	COPd	2.4	-
T <sub>j</sub> =operating limit	COPd	2.4	-

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

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =2°C	COPd	3.9	-
T <sub>j</sub> =7°C	COPd	4.8	-
T <sub>j</sub> =12°C	COPd	5.9	-
T <sub>j</sub> =bivalent temperature	COPd	3.9	-
T <sub>j</sub> =operating limit	COPd	2.4	-

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

Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =-7°C	COPd	x	-
T <sub>j</sub> =2°C	COPd	x	-
T <sub>j</sub> =7°C	COPd	x	-
T <sub>j</sub> =12°C	COPd	x	-
T <sub>j</sub> =bivalent temperature	COPd	x	-
T <sub>j</sub> =operating limit	COPd	x	-
T <sub>j</sub> =-15°C	COPd	x	-

Bivalent temperature			
heating/Average	T <sub>biv</sub>	-10	°C
heating/Warmer	T <sub>biv</sub>	x	°C
heating/Colder	T <sub>biv</sub>	x	°C

Operating limit temperature			
heating/Average	T <sub>ol</sub>	-10	°C
heating/Warmer	T <sub>ol</sub>	x	°C
heating/Colder	T <sub>ol</sub>	x	°C

Cycling Interval capacity			
for cooling	P <sub>cycc</sub>	x	kW
for heating	P <sub>cyhc</sub>	x	kW
Degradation co-efficient	C <sub>dc</sub>	0.25	-

Cycling Interval efficiency			
for cooling	EER <sub>cycc</sub>	x	-
for heating	COP <sub>cyhc</sub>	x	-
Degradation co-efficient	C <sub>dh</sub>	0.25	-

Electric power input in power modes other than 'active mode'			
standby mode	P <sub>OFF</sub>	1	W
thermostat - off mode	P <sub>SB</sub>	1	W
thermostat - off mode	P <sub>TD</sub>	12	W
crankcase heater mode	P <sub>CK</sub>	0	W

Annual electricity consumption			
cooling	Q <sub>CE</sub>	171	kWh/a
heating/Average	Q <sub>HE</sub>	698	kWh/a
heating/Warmer	Q <sub>HE</sub>	356	kWh/a
heating/Colder	Q <sub>HE</sub>	x	kWh/a

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

Other Items			
Sound power level (indoor/outdoor)	L <sub>WA</sub>	57/63	dB(A)
Global warming potential	GWP	1975	kgCO <sub>2</sub> eq
Rated air flow (indoor/outdoor)	-	570/1890	m <sup>3</sup> /h

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