


PRODUCT INFORMATION (*1)				
ROOM AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	MSZ-RZ25VU MUZ-RZ25VUHZ		
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)	Y	
Item	symbol	value	unit	
Design load				
cooling	P <sub>designc</sub>	2.5	kW	
heating/Average	P <sub>designh</sub>	3.2	kW	
heating/Warmer	P <sub>designh</sub>	1.8	kW	
heating/Colder	P <sub>designh</sub>	4.7	kW	
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>	1.2	kW	
T <sub>j</sub> =20°C	P <sub>dc</sub>	1.0	kW	
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>	2.9	kW	
T <sub>j</sub> =2°C	P <sub>dh</sub>	1.8	kW	
T <sub>j</sub> =7°C	P <sub>dh</sub>	1.2	kW	
T <sub>j</sub> =12°C	P <sub>dh</sub>	1.1	kW	
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	3.2	kW	
T <sub>j</sub> =operating limit	P <sub>dh</sub>	3.0	kW	
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>	1.8	kW	
T <sub>j</sub> =7°C	P <sub>dh</sub>	1.2	kW	
T <sub>j</sub> =12°C	P <sub>dh</sub>	1.1	kW	
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	1.8	kW	
T <sub>j</sub> =operating limit	P <sub>dh</sub>	3.0	kW	
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>	2.9	kW	
T <sub>j</sub> =2°C	P <sub>dh</sub>	1.8	kW	
T <sub>j</sub> =7°C	P <sub>dh</sub>	1.2	kW	
T <sub>j</sub> =12°C	P <sub>dh</sub>	1.1	kW	
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	3.2	kW	
T <sub>j</sub> =operating limit	P <sub>dh</sub>	3.0	kW	
T <sub>j</sub> =15°C	P <sub>dh</sub>	4.8	kW	
Bivalent temperature				
heating/Average	T <sub>biv</sub>	-10	°C	
heating/Warmer	T <sub>biv</sub>	2	°C	
heating/Colder	T <sub>biv</sub>	-10	°C	
Cycling interval capacity				
for cooling	P <sub>cycc</sub>	x	kW	
for heating	P <sub>cyh</sub>	x	kW	
Degradation co-efficient cooling	C <sub>dc</sub>	0.25	-	
Electric power input in power modes other than 'active mode'				
off mode	P <sub>OFF</sub>	2	W	
standby mode	P <sub>SB</sub>	2	W	
thermostat - off mode	P <sub>TO</sub>	5	W	
crankcase heater mode	P <sub>CK</sub>	0	W	
Capacity control (indicate one of three options)				
fixed	N			
staged	N			
variable	Y			
Contact details for obtaining more information				
MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS 3-18-1, Oshika, Suruga-ku, Shizuoka 422-8528, Japan E-mail: melshierp@MitsubishiElectric.co.jp				
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)				
Warmer (if designated)				
Colder (if designated)				
Item	symbol	value	unit	
Seasonal efficiency				
cooling	SEER	11.7	-	
heating/Average	SCOP/A	5.3	-	
heating/Warmer	SCOP/W	6.7	-	
heating/Colder	SCOP/C	4.1	-	
Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T <sub>j</sub>				
T <sub>j</sub> =35°C	EERd	5.6	-	
T <sub>j</sub> =30°C	EERd	8.9	-	
T <sub>j</sub> =25°C	EERd	15.1	-	
T <sub>j</sub> =20°C	EERd	23.6	-	
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	3.5	-	
T <sub>j</sub> =2°C	COPd	5.2	-	
T <sub>j</sub> =7°C	COPd	6.9	-	
T <sub>j</sub> =12°C	COPd	8.3	-	
T <sub>j</sub> =bivalent temperature	COPd	2.9	-	
T <sub>j</sub> =operating limit	COPd	1.7	-	
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	5.2	-	
T <sub>j</sub> =7°C	COPd	6.9	-	
T <sub>j</sub> =12°C	COPd	8.3	-	
T <sub>j</sub> =bivalent temperature	COPd	5.2	-	
T <sub>j</sub> =operating limit	COPd	1.7	-	
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	3.5	-	
T <sub>j</sub> =2°C	COPd	5.2	-	
T <sub>j</sub> =7°C	COPd	6.9	-	
T <sub>j</sub> =12°C	COPd	8.3	-	
T <sub>j</sub> =bivalent temperature	COPd	2.9	-	
T <sub>j</sub> =operating limit	COPd	1.7	-	
T <sub>j</sub> =15°C	COPd	2.2	-	
Operating limit temperature				
heating/Average	Toi	-30	°C	
heating/Warmer	Toi	-30	°C	
heating/Colder	Toi	-30	°C	
Cycling interval efficiency				
for cooling	EER <sub>cy</sub>	x	-	
for heating	COP <sub>cy</sub>	x	-	
Degradation co-efficient heating	C <sub>dh</sub>	0.25	-	
Annual electricity consumption				
cooling	Q <sub>CE</sub>	75	kWh/a	
heating/Average	Q <sub>HE</sub>	844	kWh/a	
heating/Warmer	Q <sub>HE</sub>	374	kWh/a	
heating/Colder	Q <sub>HE</sub>	2365	kWh/a	
Other items				
Sound power level (indoor/outdoor)	L <sub>WA</sub>	58/60	dB(A)	
Global warming potential	GWP (*2)	3	kgCO <sub>2</sub> eq.	
Rated air flow (indoor/outdoor)	-	702/2160	m <sup>3</sup> /h	

(\*1) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No. 206/2012.

(\*2) This GWP value is based on IPCC 4th Assessment Report.

TECHNICAL DOCUMENTATION (1)			
ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-RZ25VU	305H*998W*247D (mm)
	OUTDOOR MODEL	MUZ-RZ25VUHZ	714H*800W*285D (mm)
Function			
	cooling	Y	
	heating	Y	
The heating season			
	Average (mandatory)	Y	
	Warmer (if designated)	Y	
	Colder (if designated)	Y	
Capacity control			
	fixed	N	
	staged	N	
	variable	Y	
Item	symbol	value	unit
Seasonal efficiency (2)			
cooling	SEER	11.7	-
heating/Average	SCOP/A	5.3	-
heating/Warmer	SCOP/W	6.7	-
heating/Colder	SCOP/C	4.1	-
Energy efficiency class			
cooling	SEER	A+++	-
heating/Average	SCOP/A	A+++	-
heating/Warmer	SCOP/W	A+++	-
heating/Colder	SCOP/C	A+	-
Other items			
Sound power level (indoor/outdoor)	L <sub>WA</sub>	58/60	dB (A)
Refrigerant	-	R290	-
Global warming potential	GWP (3)	3	kgCO <sub>2</sub> eq.
identification and signature of the person empowered to bind the supplier	 Kunihiro Morishita Department Manager, Quality Assurance Department MITSUBISHI ELECTRIC CONSUMER PRODUCTS(THAILAND) CO.,LTD		

- (1) This information is based on COMMISSION DELEGATED REGULATION (EU) No. 626/2011.
- (2) SEER/SCOP values are measured based on EN 14825:2016: Testing and rating at part load conditions and calculation of seasonal performance.
- (3) This GWP value is based on IPCC 4th Assessment Report.