



# ENERG

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Model Outdoor unit **MXZ-3DM50VA**  
Indoor unit1/2/3 **MSZ-DM25/25/25VA**

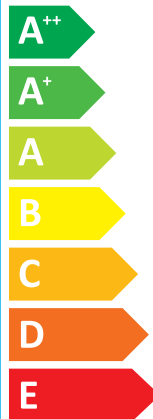
SEER



**A<sup>++</sup>**

kW **5,0**  
SEER **6,1**  
kWh/annum **283**

SCOP



**A**

kW	X	<b>4,0</b>	X
SCOP	X	<b>3,8</b>	X
kWh/annum	X	<b>1455</b>	X



Indoor unit1/2/3

**57dB**



Outdoor unit

**64dB**



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**626/2011**

BH79J526H05







**PRODUCT INFORMATION (\*)**

INDOOR MODEL 1/2/3	MSZ-DM25VA / MSZ-DM25VA / MSZ-DM25VA
ROOM AIR CONDITIONER INDOOR MODEL 4/5/6	- / - / -
OUTDOOR MODEL	MXZ-3DM50VA

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)	N
Colder (if designated)	N

Item	symbol	value	unit
<b>Design load</b>			
cooling	Pdesignc	5.0	kW
heating/Average	Pdesignh	4.0	kW
heating/Warmer	Pdesignh	x	kW
heating/Colder	Pdesignh	x	kW

Item	symbol	value	unit
<b>Seasonal efficiency</b>			
cooling	SEER	6.1	-
heating/Average	SCOP/A	3.8	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	5.00	kW
Tj=30°C	Pdc	4.11	kW
Tj=25°C	Pdc	3.62	kW
Tj=20°C	Pdc	3.72	kW

Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature Tj			
Tj=35°C	EERd	4.42	-
Tj=30°C	EERd	6.00	-
Tj=25°C	EERd	8.00	-
Tj=20°C	EERd	10.00	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	3.73	kW
Tj=2°C	Pdh	2.99	kW
Tj=7°C	Pdh	3.32	kW
Tj=12°C	Pdh	3.62	kW
Tj=bivalent temperature	Pdh	3.73	kW
Tj=operating limit	Pdh	2.70	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	2.85	-
Tj=2°C	COPd	3.89	-
Tj=7°C	COPd	5.66	-
Tj=12°C	COPd	7.14	-
Tj=bivalent temperature	COPd	2.85	-
Tj=operating limit	COPd	2.13	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	x	kW
Tj=7°C	Pdh	x	kW
Tj=12°C	Pdh	x	kW
Tj=bivalent temperature	Pdh	x	kW
Tj=operating limit	Pdh	x	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	COPd	x	-
Tj=7°C	COPd	x	-
Tj=12°C	COPd	x	-
Tj=bivalent temperature	COPd	x	-
Tj=operating limit	COPd	x	-

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

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

<b>Bivalent temperature</b>			
heating/Average	Tbiv	-7	°C
heating/Warmer	Tbiv	x	°C
heating/Colder	Tbiv	x	°C

<b>Operating limit temperature</b>			
heating/Average	Tol	-15	°C
heating/Warmer	Tol	x	°C
heating/Colder	Tol	x	°C

<b>Cycling interval capacity</b>			
for cooling	Pcycc	x	kW
for heating	Pcyhc	x	kW
Degradation co-efficient	Cdc	0,25	-

<b>Cycling interval efficiency</b>			
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradation co-efficient	Cdh	0,25	-

<b>Electric power input in power modes other than 'active mode'</b>			
off mode	POFF	11	W
standby mode	PSB	11	W
thermostat - off mode	PTO	9	W
crankcase heater mode	PCK	0	W

<b>Annual electricity consumption</b>			
cooling	QCE	283	kWh/a
heating/Average	QHE	1455	kWh/a
heating/Warmer	QHE	x	kWh/a
heating/Colder	QHE	x	kWh/a

<b>Capacity control (indicate one of three options)</b>	
fixed	N
staged	N
variable	Y

<b>Other items</b>			
Sound power level (indoor1-3/outdoor)	LWA	57/64	dB(A)
Global warming potential	GWP	1975	kgCO2eq,
Rated air flow (indoor1-3/outdoor)	-	570/2250	m³/h

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

<b>TECHNICAL DOCUMENTATION (1)</b>
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	INDOOR MODEL 1	MSZ-DM25VA	290H799W232D (mm)
	INDOOR MODEL 2	MSZ-DM25VA	290H799W232D (mm)
	INDOOR MODEL 3	MSZ-DM25VA	290H799W232D (mm)
ROOM AIR CONDITIONER	INDOOR MODEL 4	-	-
	INDOOR MODEL 5	-	-
	INDOOR MODEL 6	-	-
	OUTDOOR MODEL	MXZ-3DM50VA	710H840W330D (mm)

Function	
cooling	Y
heating	Y

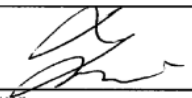
The heating season	
Average (mandatory)	Y
Warmer (if designated)	N
Colder (if designated)	N

Capacity control	
fixed	N
staged	N
variable	Y

Item	symbol	value	unit
Seasonal efficiency (2)			
cooling	SEER	6.1	-
heating/Average	SCOP/A	3.8	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

Energy efficiency class			
cooling	SEER	A++	-
heating/Average	SCOP/A	A	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

Other items			
Sound power level (indoor1-3/outdoor)	LWA	57/64	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	kgCO2eq,

<b>identification and signature of the person empowered to bind the supplier</b>	 <hr style="width: 80%; margin: 0 auto;"/> Tomoyuki Miwa Department Manager, Quality Assurance Department MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO.,LTD.
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(1) This information is based on COMMISSION DELEGATED REGULATION (EU)No626/2011,

(2) SEER/SCOP values are measured based on FprEN 14825:2011: Testing and rating at part load conditions and calculation of seasonal performar