



# ENERG

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Y IJA  
IE IA



Model Indoor unit  
Outdoor unit

**MSZ-FT25VG**  
**MUZ-FT25VGHZ**

SEER



A+++

A++

A+

A

B

C

D

A+++

kW 2,5

SEER 8,6

kWh/annum 101

SCOP



A+++

A++

A+

A

B

C

D

A+++

A++

A

kW 1,8 3,2 4,7

SCOP 5,8 4,6 3,5

kWh/annum 432 973 2766



60dB



60dB



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI  
626/2011





**PRODUCT INFORMATION (\*)**

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-F25VG / MSZ-F25VGK
	OUTDOOR MODEL	MUZ-F25VGHZ

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	
cooling	Y	Average (mandatory)	Y
heating	Y	Warmer (if designated)	Y
		Colder (if designated)	Y

Item	symbol	value	unit
<b>Design load</b>			
cooling	Pdesignc	2.5	kW
heating/Average	Pdesignh	3.2	kW
heating/Warmer	Pdesignh	1.8	kW
heating/Colder	Pdesignh	4.7	kW

Item	symbol	value	unit
<b>Seasonal efficiency</b>			
cooling	SEER	8.6	-
heating/Average	SCOP/A	4.6	-
heating/Warmer	SCOP/W	5.8	-
heating/Colder	SCOP/C	3.5	-

<b>Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj</b>			
Tj=35°C	Pdc	2.5	kW
Tj=30°C	Pdc	1.9	kW
Tj=25°C	Pdc	1.2	kW
Tj=20°C	Pdc	1.2	kW

<b>Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj</b>			
Tj=35°C	EERd	4.4	-
Tj=30°C	EERd	6.7	-
Tj=25°C	EERd	10.6	-
Tj=20°C	EERd	15.0	-

<b>Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	Pdh	2.9	kW
Tj=2°C	Pdh	1.8	kW
Tj=7°C	Pdh	1.2	kW
Tj=12°C	Pdh	0.9	kW
Tj=bivalent temperature	Pdh	3.2	kW
Tj=operating limit	Pdh	3.0	kW

<b>Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	COPd	2.8	-
Tj=2°C	COPd	4.7	-
Tj=7°C	COPd	5.8	-
Tj=12°C	COPd	7.1	-
Tj=bivalent temperature	COPd	2.5	-
Tj=operating limit	COPd	1.8	-

<b>Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=2°C	Pdh	1.8	kW
Tj=7°C	Pdh	1.2	kW
Tj=12°C	Pdh	0.9	kW
Tj=bivalent temperature	Pdh	1.8	kW
Tj=operating limit	Pdh	3.0	kW

<b>Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=2°C	COPd	4.7	-
Tj=7°C	COPd	5.8	-
Tj=12°C	COPd	7.1	-
Tj=bivalent temperature	COPd	4.7	-
Tj=operating limit	COPd	1.8	-

<b>Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	Pdh	2.9	kW
Tj=2°C	Pdh	1.8	kW
Tj=7°C	Pdh	1.2	kW
Tj=12°C	Pdh	0.9	kW
Tj=bivalent temperature	Pdh	3.2	kW
Tj=operating limit	Pdh	3.0	kW
Tj=-15°C	Pdh	3.6	kW

<b>Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	COPd	2.8	-
Tj=2°C	COPd	4.7	-
Tj=7°C	COPd	5.8	-
Tj=12°C	COPd	7.1	-
Tj=bivalent temperature	COPd	2.5	-
Tj=operating limit	COPd	1.8	-
Tj=-15°C	COPd	1.9	-

<b>Bivalent temperature</b>			
heating/Average	Tbiv	-10	°C
heating/Warmer	Tbiv	2	°C
heating/Colder	Tbiv	-10	°C

<b>Operating limit temperature</b>			
heating/Average	Tol	-25	°C
heating/Warmer	Tol	-25	°C
heating/Colder	Tol	-25	°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	P <sub>OFF</sub>	1	W
standby mode	P <sub>SB</sub>	1	W
thermostat - off mode	P <sub>TO</sub>	8	W
crankcase heater mode	P <sub>CK</sub>	0	W

<b>Annual electricity consumption</b>			
cooling	Q <sub>CE</sub>	101	kWh/a
heating/Average	Q <sub>HE</sub>	973	kWh/a
heating/Warmer	Q <sub>HE</sub>	432	kWh/a
heating/Colder	Q <sub>HE</sub>	2766	kWh/a

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

<b>Other items</b>			
Sound power level (indoor/outdoor)	L <sub>WA</sub>	60/60	dB(A)
Global warming potential	GWP	550	kgCO <sub>2</sub> eq.
Rated air flow (indoor/outdoor)	-	738/1824	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: melshierp@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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ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-FT25VG / MSZ-FT25VGK	280H*838W*229D (mm)
	OUTDOOR MODEL	MUZ-FT25VGHZ	550H*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	8.6	-
heating/Average	SCOP/A	4.6	-
heating/Warmer	SCOP/W	5.8	-
heating/Colder	SCOP/C	3.5	-

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>	60/60	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP	550	kgCO <sub>2</sub> eq.

identification and signature of the person empowered to bind the supplier	 Yasumasa Yamane 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 performance