

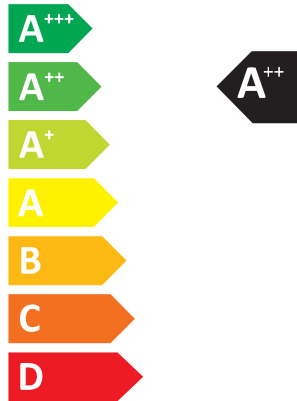


ENERGY

MITSUBISHI ELECTRIC CORPORATION

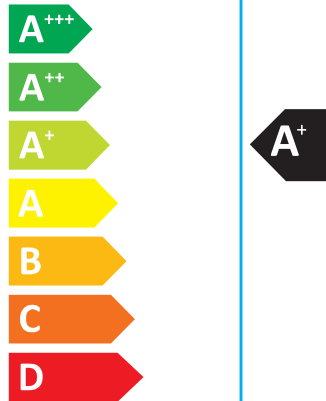
MXZ-3HA50VF
MSZ-HR25/25/25VF

SEER



kW 5.0
SEER 7.2
kWh/annum 241

SCOP



kW	X	4.0	X
SCOP	X	4.0	X
kWh/annum	X	1394	X



57dB



61dB



626/2011

PRODUCT INFORMATION (*1)							
ROOM AIR CONDITIONER		INDOOR MODEL 1/2/3 INDOOR MODEL 4/5/6 OUTDOOR MODEL	MSZ-HR25VF / MSZ-HR25VF / MSZ-HR25VF - / - / - MXZ-3HA50VF				
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) N				
			Colder (if designated) N				
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	5,0	kW	cooling	SEER	7,26	-
heating/Average	Pdesignh	4,0	kW	heating/Average	SCOP/A	4,02	-
heating/Warmer	Pdesignh	x	kW	heating/Warmer	SCOP/W	x	-
heating/Colder	Pdesignh	x	kW	heating/Colder	SCOP/C	x	-
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	5,00	kW	Tj=35°C	EERd	3,97	-
Tj=30°C	Pdc	3,70	kW	Tj=30°C	EERd	6,23	-
Tj=25°C	Pdc	2,40	kW	Tj=25°C	EERd	9,95	-
Tj=20°C	Pdc	3,10	kW	Tj=20°C	EERd	12,60	-
Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	3,60	kW	Tj=-7°C	COPd	2,73	-
Tj=2°C	Pdh	2,20	kW	Tj=2°C	COPd	3,95	-
Tj=7°C	Pdh	1,45	kW	Tj=7°C	COPd	5,20	-
Tj=12°C	Pdh	1,25	kW	Tj=12°C	COPd	5,80	-
Tj=bivalent temperature	Pdh	3,60	kW	Tj=bivalent temperature	COPd	2,73	-
Tj=operating limit	Pdh	2,60	kW	Tj=operating limit	COPd	2,05	-
Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	x	kW	Tj=2°C	COPd	x	-
Tj=7°C	Pdh	x	kW	Tj=7°C	COPd	x	-
Tj=12°C	Pdh	x	kW	Tj=12°C	COPd	x	-
Tj=bivalent temperature	Pdh	x	kW	Tj=bivalent temperature	COPd	x	-
Tj=operating limit	Pdh	x	kW	Tj=operating limit	COPd	x	-
Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	x	kW	Tj=-7°C	COPd	x	-
Tj=2°C	Pdh	x	kW	Tj=2°C	COPd	x	-
Tj=7°C	Pdh	x	kW	Tj=7°C	COPd	x	-
Tj=12°C	Pdh	x	kW	Tj=12°C	COPd	x	-
Tj=bivalent temperature	Pdh	x	kW	Tj=bivalent temperature	COPd	x	-
Tj=operating limit	Pdh	x	kW	Tj=operating limit	COPd	x	-
Tj=-15°C	Pdh	x	kW	Tj=-15°C	COPd	x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-15	°C
heating/Warmer	Tbiv	x	°C	heating/Warmer	Tol	x	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x	kW	for cooling	EERcyc	x	-
for heating	Pcyhc	x	kW	for heating	COPcyc	x	-
Degradation co-efficient	Cdc	0,25	-	Degradation co-efficient	Cdh	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	POFF	11	W	cooling	QCE	241	kWh/a
standby mode	PSB	11	W	heating/Average	QHE	1394	kWh/a
thermostat - off mode	PTO	9	W	heating/Warmer	QHE	x	kWh/a
crankcase heater mode	PCK	0	W	heating/Colder	QHE	x	kWh/a
Capacity control (indicate one of three options)				Other items			
fixed		N		Sound power level (indoor1-3/outdoor)	LWA	57/61	dB(A)
staged		N		Global warming potential	GWP (*2)	675	kgCO ₂ eq.
variable		Y		Rated air flow (indoor1-3/outdoor)	-	582/1860	m ³ /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						

(*1) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012,

(*2) This GWP value is based on Regulation (EU) No.517/2014 from IPCC 4th Assessment Report.

For Regulation (EU) No.626/2011, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.

TECHNICAL DOCUMENTATION (1)

ROOM AIR CONDITIONER	INDOOR MODEL 1	MSZ-HR25VF	280H838W228D (mm)
	INDOOR MODEL 2	MSZ-HR25VF	280H838W228D (mm)
	INDOOR MODEL 3	MSZ-HR25VF	280H838W228D (mm)
	INDOOR MODEL 4	-	-
	INDOOR MODEL 5	-	-
	INDOOR MODEL 6	-	-
	OUTDOOR MODEL	MXZ-3HA50VF	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	7,26	-
heating/Average	SCOP/A	4,02	-
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	57/61	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP (3)	675	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier	
	Tadashi Saito Department Manager, Quality Assurance Department MITSUBISHI ELECTRIC CONSUMER PRODUCTS(THAILAND) CO.,LTD

(1) This information is based on COMMISSION DELEGATED REGULATION (EU)No626/2011,

(2) SEER/SCOP values are measured based on FprEN 14825:2016: Testing and rating at part load conditions and calculation of seasonal performance

(3) This GWP value is based on Regulation (EU) No.517/2014 from IPCC 4th Assessment Report.

For Regulation (EU) No.626/2011, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.