

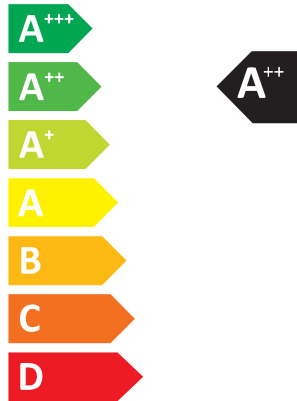


ENERGY

MITSUBISHI ELECTRIC CORPORATION

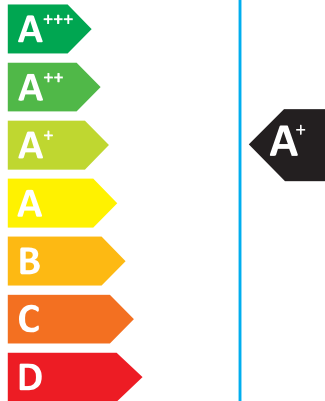
MXZ-4F83VFHZ
MSZ-LN18/18/25/25VG2

SEER



kW **8.3**
SEER **7.3**
kWh/annum **398**

SCOP



kW	X	10.1	X
SCOP	X	4.3	X
kWh/annum	X	3286	X



58dB



66dB



626/2011

PRODUCT INFORMATION (*1)			
ROOM AIR CONDITIONER		INDOOR MODEL 1/2/3 INDOOR MODEL 4/5/6 OUTDOOR MODEL	MSZ-LN18VG2 / MSZ-LN18VG2 / MSZ-LN25VG2 MSZ-LN25VG2 / - / - MXZ-4F83VFHZ
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	
heating		Y	
Average (mandatory)		Y	
Warmer (if designated)		N	
Colder (if designated)		N	
Item	symbol	value	unit
Design load			
cooling	Pdesignc	8,3	kW
heating/Average	Pdesignh	10,1	kW
heating/Warmer	Pdesignh	x	kW
heating/Colder	Pdesignh	x	kW
Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	7,3	-
heating/Average	SCOP/A	4,3	-
heating/Warmer	SCOP/W	x	-
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	8,30	kW
Tj=30°C	Pdc	6,20	kW
Tj=25°C	Pdc	4,80	kW
Tj=20°C	Pdc	5,50	kW
Tj=35°C	EERd	4,37	-
Tj=30°C	EERd	6,46	-
Tj=25°C	EERd	9,36	-
Tj=20°C	EERd	12,50	-
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	11,50	kW
Tj=2°C	Pdh	5,45	kW
Tj=7°C	Pdh	4,20	kW
Tj=12°C	Pdh	5,10	kW
Tj=bivalent temperature	Pdh	11,50	kW
Tj=operating limit	Pdh	5,70	kW
Tj=-7°C	COPd	2,17	-
Tj=2°C	COPd	4,54	-
Tj=7°C	COPd	6,18	-
Tj=12°C	COPd	7,85	-
Tj=bivalent temperature	COPd	2,17	-
Tj=operating limit	COPd	1,46	-
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=7°C	Pdh	x	kW
Tj=12°C	Pdh	x	kW
Tj=bivalent temperature	Pdh	x	kW
Tj=operating limit	Pdh	x	kW
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		Declared coefficient of performance/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
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	-
Bivalent temperature		Operating limit temperature	
heating/Average	Tbiv	-7	°C
heating/Warmer	Tbiv	x	°C
heating/Colder	Tbiv	x	°C
heating/Average	Tol	-25	°C
heating/Warmer	Tol	x	°C
heating/Colder	Tol	x	°C
Cycling interval capacity		Cycling interval efficiency	
for cooling	Pcycc	x	kW
for heating	Pcyh	x	kW
Degradation co-efficient	Cdc	0,25	-
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradation co-efficient	Cdh	0,25	-
Electric power input in power modes other than 'active mode'		Annual electricity consumption	
off mode	POFF	13	W
standby mode	PSB	13	W
thermostat - off mode	PTO	31	W
crankcase heater mode	PCK	0	W
cooling	QCE	398	kWh/a
heating/Average	QHE	3286	kWh/a
heating/Warmer	QHE	x	kWh/a
heating/Colder	QHE	x	kWh/a
Capacity control (indicate one of three options)		Other items	
fixed		N	
staged		N	
variable		Y	
Sound power level (indoor1-4/outdoor)	LWA	58/66	dB(A)
Global warming potential	GWP (*2)	675	kgCO2eq.
Rated air flow (indoor1-4/outdoor)	-	690/3780	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		

(*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-LN18VG2	307H890W233D (mm)
	INDOOR MODEL 2	MSZ-LN18VG2	307H890W233D (mm)
	INDOOR MODEL 3	MSZ-LN25VG2	307H890W233D (mm)
	INDOOR MODEL 4	MSZ-LN25VG2	307H890W233D (mm)
	INDOOR MODEL 5	-	-
	INDOOR MODEL 6	-	-
	OUTDOOR MODEL	MXZ-4F83VFHZ	1048H950W330D (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	7.3	-
heating/Average	SCOP/A	4.3	-
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 (indoor1-4/outdoor)	LWA	58/66	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.