

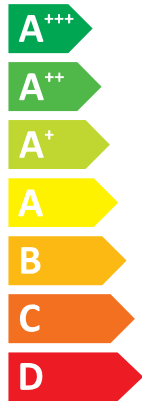


ENERGY

MITSUBISHI ELECTRIC CORPORATION

MXZ-4F83VF
MSZ-LN18/18/25/25VG2

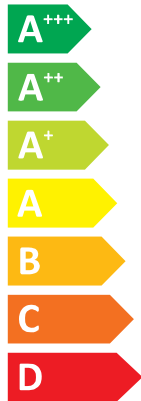
SEER



A+++

kW **8.3**
SEER **8.5**
kWh/annum **342**

SCOP



A++

kW	X	7.0	X
SCOP	X	4.7	X
kWh/annum	X	2087	X



58dB



61dB



626/2011

WG79B761H01

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-4F83VF	
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
Design load			
cooling	Pdesignc	8,3	kW
heating/Average	Pdesignh	7,0	kW
heating/Warmer	Pdesignh	x	kW
heating/Colder	Pdesignh	x	kW
Declared capacity for cooling, 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	3,90	kW
Tj=20°C	Pdc	3,20	kW
Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6,20	kW
Tj=2°C	Pdh	3,90	kW
Tj=7°C	Pdh	3,50	kW
Tj=12°C	Pdh	4,00	kW
Tj=bivalent temperature	Pdh	6,20	kW
Tj=operating limit	Pdh	4,90	kW
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 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
Bivalent temperature			
heating/Average	Tbiv	-7	°C
heating/Warmer	Tbiv	x	°C
heating/Colder	Tbiv	x	°C
Cycling interval capacity			
for cooling	Pcycc	x	kW
for heating	Pcyhc	x	kW
Degradation co-efficient	Cdc	0,25	-
Electric power input in power modes other than 'active mode'			
off mode	POFF	4	W
standby mode	PSB	4	W
thermostat - off mode	PTO	21	W
crankcase heater mode	PCK	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@nb.MitsubishiElectric.co.jp	
Seasonal efficiency		Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj	
cooling	SEER	8,5	-
heating/Average	SCOP/A	4,7	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-
Declared coefficient of performance/Average 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=-7°C	COPd	2,82	-
Tj=2°C	COPd	4,85	-
Tj=7°C	COPd	6,45	-
Tj=12°C	COPd	7,80	-
Tj=bivalent temperature	COPd	2,82	-
Tj=operating limit	COPd	2,45	-
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 coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj		Operating limit temperature	
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	-
heating/Average	Tol	-15	°C
heating/Warmer	Tol	x	°C
heating/Colder	Tol	x	°C
Cycling interval efficiency		Annual electricity consumption	
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradation co-efficient	Cdh	0,25	-
cooling	QCE	342	kWh/a
heating/Average	QHE	2087	kWh/a
heating/Warmer	QHE	x	kWh/a
heating/Colder	QHE	x	kWh/a
Other items			
Sound power level (indoor1-4/outdoor)	LWA	58/61	dB(A)
Global warming potential	GWP (*2)	675	kgCO2eq.
Rated air flow (indoor1-4/outdoor)	-	690/3300	m³/h

(*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-4F83VF	796H950W330D (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	8.5	-
heating/Average	SCOP/A	4.7	-
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	58/61	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP (3)	675	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier	<i>Yasutaka Murakami</i>		
	Yasutaka Murakami Manager Room Air Conditioners Quality Control Section MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS		

(1) This information is based on COMMISSION DELEGATED REGULATION (EU) No 626/2011,
(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.