

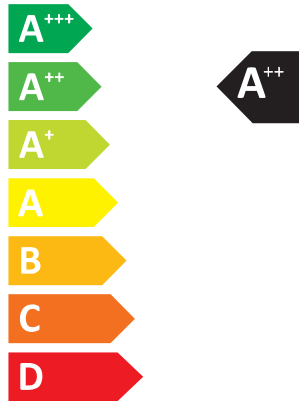


ENERGY

MITSUBISHI ELECTRIC CORPORATION

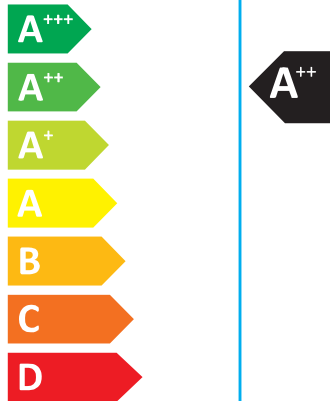
MXZ-5F102VF
MSZ-LN18/18/18/25/25VG2

SEER



kW 10.2
SEER 8.2
kWh/annum 436

SCOP



kW	X	7.4	X
SCOP	X	4.7	X
kWh/annum	X	2205	X



58dB



65dB



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-LN18VG2 MSZ-LN25VG2 / MSZ-LN25VG2 / - MXZ-5F102VF	
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	10,2	kW
heating/Average	Pdesignh	7,4	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	10,20	kW
Tj=30°C	Pdc	7,60	kW
Tj=25°C	Pdc	4,83	kW
Tj=20°C	Pdc	4,10	kW
Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6,40	kW
Tj=2°C	Pdh	4,10	kW
Tj=7°C	Pdh	4,00	kW
Tj=12°C	Pdh	3,80	kW
Tj=bivalent temperature	Pdh	6,40	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	27	W
crankcase heater mode	PCK	0	W
Capacity control (indicate one of three options)			
fixed		N	
staged		N	
variable		Y	
Seasonal efficiency			
cooling	SEER	8,2	-
heating/Average	SCOP/A	4,7	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-
Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	EERd	3,64	-
Tj=30°C	EERd	6,26	-
Tj=25°C	EERd	11,00	-
Tj=20°C	EERd	13,23	-
Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	2,86	-
Tj=2°C	COPd	4,95	-
Tj=7°C	COPd	6,45	-
Tj=12°C	COPd	7,00	-
Tj=bivalent temperature	COPd	2,86	-
Tj=operating limit	COPd	2,45	-
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 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	-
Operating limit temperature			
heating/Average	Tol	-15	°C
heating/Warmer	Tol	x	°C
heating/Colder	Tol	x	°C
Cycling interval efficiency			
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradation co-efficient	Cdh	0,25	-
Annual electricity consumption			
cooling	QCE	436	kWh/a
heating/Average	QHE	2205	kWh/a
heating/Warmer	QHE	x	kWh/a
heating/Colder	QHE	x	kWh/a
Other items			
Sound power level (indoor1-5/outdoor)	LWA	58/65	dB(A)
Global warming potential	GWP (*2)	675	kgCO2eq.
Rated air flow (indoor1-5/outdoor)	-	690/3720	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-LN18VG2	307H890W233D (mm)
	INDOOR MODEL 4	MSZ-LN25VG2	307H890W233D (mm)
	INDOOR MODEL 5	MSZ-LN25VG2	307H890W233D (mm)
	INDOOR MODEL 6	-	-
	OUTDOOR MODEL	MXZ-5F102VF	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	8.2	-
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 (indoor1-5/outdoor)	LWA	58/65	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) 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.