

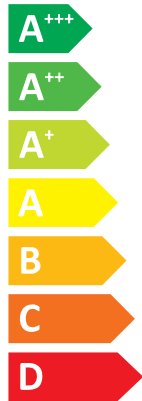


ENERGY

MITSUBISHI ELECTRIC CORPORATION

MXZ-3F54VF3
MSZ-LN18/18/18VG2

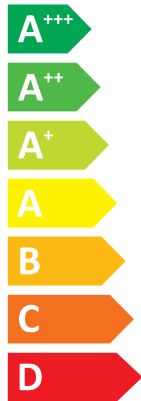
SEER



A+++

kW **5.4**
SEER **8.5**
kWh/annum **222**

SCOP



A++

kW	X	5.2	X
SCOP	X	4.6	X
kWh/annum	X	1583	X



58dB



60dB



626/2011



Table with columns for Model, Sound power levels on cooling mode, Refrigerant, Cooling, and Heating (Average season). Rows include outdoor/indoor unit models, SEER, energy efficiency class, annual electricity consumption, design load, and heating capacity at various temperatures.

Table with columns for German, Italian, Swedish, Polish, Estonian, Maltese, and Russian. Rows list model names, unit types (indoor/outdoor), and power levels in different languages.

Table with columns for German, Italian, Swedish, Polish, Estonian, Maltese, and Russian. Rows list technical specifications such as refrigerant type, energy efficiency classes, annual electricity consumption, and heating/cooling capacity in various languages.

PRODUCT INFORMATION (*1)			
ROOM AIR CONDITIONER		INDOOR MODEL 1/2/3 INDOOR MODEL 4/5/6 OUTDOOR MODEL	MSZ-LN18VG2 / MSZ-LN18VG2 / MSZ-LN18VG2 - / - / - MXZ-3F54VF3
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	5,4	kW
heating/Average	Pdesignh	5,0	kW
heating/Warmer	Pdesignh	x	kW
heating/Colder	Pdesignh	x	kW
Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	8,5	-
heating/Average	SCOP/A	4,6	-
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	5,40	kW
Tj=30°C	Pdc	4,00	kW
Tj=25°C	Pdc	2,60	kW
Tj=20°C	Pdc	2,40	kW
Tj=35°C	EERd	4,09	-
Tj=30°C	EERd	6,65	-
Tj=25°C	EERd	10,90	-
Tj=20°C	EERd	14,50	-
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	4,80	kW
Tj=2°C	Pdh	2,80	kW
Tj=7°C	Pdh	1,90	kW
Tj=12°C	Pdh	2,10	kW
Tj=bivalent temperature	Pdh	4,80	kW
Tj=operating limit	Pdh	3,20	kW
Tj=-7°C	COPd	3,22	-
Tj=2°C	COPd	4,54	-
Tj=7°C	COPd	5,71	-
Tj=12°C	COPd	7,30	-
Tj=bivalent temperature	COPd	3,22	-
Tj=operating limit	COPd	2,25	-
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	-15	°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	3	W
standby mode	PSB	3	W
thermostat - off mode	PTO	18	W
crankcase heater mode	PCK	0	W
cooling	QCE	222	kWh/a
heating/Average	QHE	1583	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 (indoor1-3/outdoor)	LWA	58/60	dB(A)
Global warming potential	GWP (*2)	675	kgCO2eq.
Rated air flow (indoor1-3/outdoor)		690/1860	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	-	-
	INDOOR MODEL 5	-	-
	INDOOR MODEL 6	-	-
	OUTDOOR MODEL	MXZ-3F54VF3	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	8,5	-
heating/Average	SCOP/A	4,6	-
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	58/60	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.