

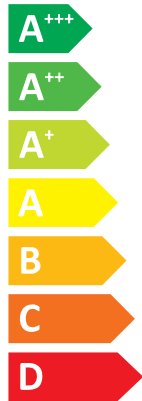


ENERGY

MITSUBISHI ELECTRIC CORPORATION

MXZ-2F53VF3
MSZ-LN18/35VG2

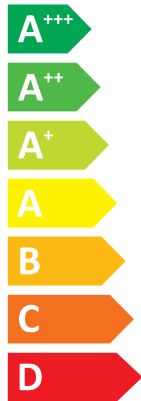
SEER



A+++

kW **5.3**
SEER **8.6**
kWh/annum **216**

SCOP



A++

kW	X	3.5	X
SCOP	X	4.6	X
kWh/annum	X	1065	X



58dB



61dB



626/2011

PRODUCT INFORMATION (*1)			
ROOM AIR CONDITIONER	INDOOR MODEL 1/2/3 INDOOR MODEL 4/5/6 OUTDOOR MODEL	MSZ-LN18VG2 / MSZ-LN35VG2 / - - / - / - MXZ-2F53VF3	
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	5,3	kW
heating/Average	Pdesignh	3,5	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	5,30	kW
Tj=30°C	Pdc	4,00	kW
Tj=25°C	Pdc	2,51	kW
Tj=20°C	Pdc	1,90	kW
Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	2,90	kW
Tj=2°C	Pdh	1,80	kW
Tj=7°C	Pdh	1,20	kW
Tj=12°C	Pdh	1,40	kW
Tj=bivalent temperature	Pdh	2,90	kW
Tj=operating limit	Pdh	2,30	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	Pcyh	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	7	W
crankcase heater mode	PCK	0	W
Capacity control (indicate one of three options)			
fixed		N	
staged		N	
variable		Y	
Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	EERd	3,80	-
Tj=30°C	EERd	6,12	-
Tj=25°C	EERd	10,90	-
Tj=20°C	EERd	18,00	-
Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	3,15	-
Tj=2°C	COPd	4,50	-
Tj=7°C	COPd	5,91	-
Tj=12°C	COPd	7,70	-
Tj=bivalent temperature	COPd	3,15	-
Tj=operating limit	COPd	2,50	-
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	216	kWh/a
heating/Average	QHE	1065	kWh/a
heating/Warmer	QHE	x	kWh/a
heating/Colder	QHE	x	kWh/a
Other items			
Sound power level (indoor1,2/outdoor)	LWA	58,58/61	dB(A)
Global warming potential	GWP (*2)	675	kgCO2eq.
Rated air flow (indoor1,2/outdoor)	-	690,690/1962	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-LN18VG2	307H890W233D (mm)
	INDOOR MODEL 2	MSZ-LN35VG2	307H890W233D (mm)
	INDOOR MODEL 3	-	-
	INDOOR MODEL 4	-	-
	INDOOR MODEL 5	-	-
	INDOOR MODEL 6	-	-
	OUTDOOR MODEL	MXZ-2F53VF3	550H800W285D (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	8,6	-
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 (indoor1,2/outdoor)	LWA	58,58/61	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP (3)	675	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier	
	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.