



# ENERG

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Model

Outdoor unit  
Indoor unit1  
Indoor unit2

**MXZ-2F53VFHZ**  
**MSZ-LN18VG2**  
**MSZ-LN35VG2**

SEER



A+++

A++

A+

A

B

C

D

A++

kW **5,3**

SEER **6,8**

kWh/annum **274**

SCOP



A+++

A++

A+

A

B

C

D

A+

kW X **6,4** X

SCOP X **4,1** X

kWh/annum X **2172** X



Indoor unit1

**58dB**

Indoor unit2

**59dB**



Outdoor unit

**55dB**



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626/2011

WG79A812H01





**PRODUCT INFORMATION (\*)**

ROOM AIR CONDITIONER	INDOOR MODEL 1/2/3	MSZ-LN18VG2 / MSZ-LN35VG2 / -
	INDOOR MODEL 4/5/6	- / - / -
	OUTDOOR MODEL	MXZ-2F53VFHZ

Function (indicate if present)	
cooling	Y
heating	Y

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'.

Average (mandatory)	Y
Warmer (if designated)	N
Colder (if designated)	N

Item	symbol	value	unit
Design load			
cooling	Pdesignc	5,3	kW
heating/Average	Pdesignh	6,4	kW
heating/Warmer	Pdesignh	x	kW
heating/Colder	Pdesignh	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	6,8	-
heating/Average	SCOP/A	4,1	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

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	3,91	kW
Tj=25°C	Pdc	3,00	kW
Tj=20°C	Pdc	3,00	kW

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	EERd	4,11	-
Tj=30°C	EERd	6,02	-
Tj=25°C	EERd	9,09	-
Tj=20°C	EERd	11,11	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	7,40	kW
Tj=2°C	Pdh	3,55	kW
Tj=7°C	Pdh	2,50	kW
Tj=12°C	Pdh	3,00	kW
Tj=bivalent temperature	Pdh	7,40	kW
Tj=operating limit	Pdh	4,10	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	2,47	-
Tj=2°C	COPd	4,28	-
Tj=7°C	COPd	5,56	-
Tj=12°C	COPd	6,25	-
Tj=bivalent temperature	COPd	2,47	-
Tj=operating limit	COPd	1,78	-

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 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 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

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	-

Bivalent temperature			
heating/Average	Tbiv	-7	°C
heating/Warmer	Tbiv	x	°C
heating/Colder	Tbiv	x	°C

Operating limit temperature			
heating/Average	Tol	-25	°C
heating/Warmer	Tol	x	°C
heating/Colder	Tol	x	°C

Cycling interval capacity			
for cooling	Pcycc	x	kW
for heating	Ppsych	x	kW
Degradation co-efficient	Cdc	0,25	-

Cycling interval efficiency			
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradation co-efficient	Cdh	0,25	-

Electric power input in power modes other than 'active mode'			
off mode	POFF	11	W
standby mode	PSB	11	W
thermostat - off mode	PTO	12	W
crankcase heater mode	PCK	0	W

Annual electricity consumption			
cooling	QCE	274	kWh/a
heating/Average	QHE	2172	kWh/a
heating/Warmer	QHE	x	kWh/a
heating/Colder	QHE	x	kWh/a

Capacity control (indicate one of three options)	
fixed	N
staged	N
variable	Y

Other items			
Sound power level (indoor1, 2/outdoor)	LWA	58, 59 /55	dB(A)
Global warming potential	GWP	550	kgCO2eq.
Rated air flow (indoor1, 2/outdoor)	-	666, 678 /2580	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
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(\*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

**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-2F53VFHZ	796H950W330D (mm)

Function		
cooling		Y
heating		Y

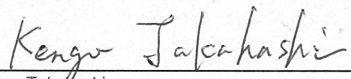
The heating season		
Average (mandatory)		Y
Warmer (if designated)		N
Colder (if designated)		N

Capacity control		
fixed		N
staged		N
variable		Y

Item	symbol	value	unit
Seasonal efficiency (2)			
cooling	SEER	6,8	-
heating/Average	SCOP/A	4,1	-
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, 59/55	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP	550	kgCO2eq.

identification and signature of the person empowered to bind the supplier			
	Kengo Takahashi Manager, Packaged 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 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance.