



# ENERG

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Model Outdoor unit  
Indoor unit1/2

**MXZ-2F53VFH3**  
**MSZ-LN18/35VG2**

SEER



A+++

A++

A+

A

B

C

D

A+++

kW **5,3**

SEER **8,6**

kWh/annum **216**

SCOP



A+++

A++

A+

A

B

C

D

A+

kW X **3,5** X

SCOP X **4,5** X

kWh/annum X **1089** X



Indoor unit1/2

**58dB**



Outdoor unit

**61dB**



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626/2011

BH79N257H32





PRODUCT INFORMATION (*)			
ROOM AIR CONDITIONER	INDOOR MODEL 1/2/3 INDOOR MODEL 4/5/6 OUTDOOR MODEL	MSZ-LN18VG2 / MSZ-LN35VG2 / - - / - / - MXZ-2F53VFH3	
Function (indicate if present)		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	2,10	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	7	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	
Function (indicate if present)		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
Seasonal efficiency			
cooling	SEER	8,6	-
heating/Average	SCOP/A	4,5	-
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	3,80	-
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	2,79	-
Tj=2°C	COPd	4,50	-
Tj=7°C	COPd	5,95	-
Tj=12°C	COPd	7,70	-
Tj=bivalent temperature	COPd	2,79	-
Tj=operating limit	COPd	2,05	-
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	-20	°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	1089	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	550	kgCO2eq.
Rated air flow (indoor1,2/outdoor)	-	690,690/1962	m³/h

(\*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012,

**TECHNICAL DOCUMENTATION <sup>(1)</sup>**

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-2F53VFH3	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 <sup>(2)</sup>			
cooling	SEER	8,6	-
heating/Average	SCOP/A	4,5	-
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	550	kgCO <sub>2</sub> eq.

identification and signature of the person empowered to bind the supplier			
	Akira HIDAHA 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 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance