



ENERG

енергия · ενέργεια

Y IJA
IE IA



Model

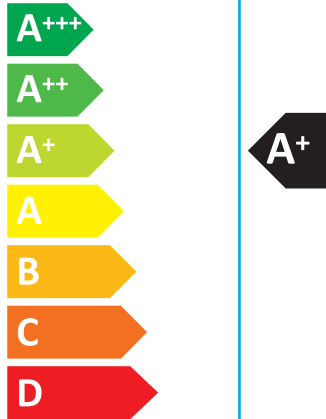
Outdoor unit **MXZ-4F83VFH2**
Indoor unit 1/2/3 **MSZ-LN18/18/25VG2**
Indoor unit 4 **MSZ-LN25VG2**

SEER



kW **8,3**
SEER **7,3**
kWh/annum **398**

SCOP



kW	X	10,1	X
SCOP	X	4,3	X
kWh/annum	X	3286	X



Indoor unit 1/2/3/4
58dB



Outdoor unit
66dB



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
626/2011

BH79N257H54

PRODUCT INFORMATION (*1)							
ROOM AIR CONDITIONER	INDOOR MODEL 1/2/3 INDOOR MODEL 4/5/6 OUTDOOR MODEL	MSZ-LN18VG2 / MSZ-LN18VG2 / MSZ-LN25VG2 MSZ-LN25VG2 / - / - MXZ-4F83VFHZ2					
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	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	8,3	kW	cooling	SEER	7,3	-
heating/Average	Pdesignh	10,1	kW	heating/Average	SCOP/A	4,3	-
heating/Warmer	Pdesignh	x	kW	heating/Warmer	SCOP/W	x	-
heating/Colder	Pdesignh	x	kW	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	8,30	kW	Tj=35°C	EERd	4,37	-
Tj=30°C	Pdc	6,20	kW	Tj=30°C	EERd	6,46	-
Tj=25°C	Pdc	4,80	kW	Tj=25°C	EERd	9,36	-
Tj=20°C	Pdc	5,50	kW	Tj=20°C	EERd	12,50	-
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	11,50	kW	Tj=-7°C	COPd	2,17	-
Tj=2°C	Pdh	5,45	kW	Tj=2°C	COPd	4,54	-
Tj=7°C	Pdh	4,20	kW	Tj=7°C	COPd	6,18	-
Tj=12°C	Pdh	5,10	kW	Tj=12°C	COPd	7,85	-
Tj=bivalent temperature	Pdh	11,50	kW	Tj=bivalent temperature	COPd	2,17	-
Tj=operating limit	Pdh	5,70	kW	Tj=operating limit	COPd	1,46	-
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=2°C	COPd	x	-
Tj=7°C	Pdh	x	kW	Tj=7°C	COPd	x	-
Tj=12°C	Pdh	x	kW	Tj=12°C	COPd	x	-
Tj=bivalent temperature	Pdh	x	kW	Tj=bivalent temperature	COPd	x	-
Tj=operating limit	Pdh	x	kW	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=-7°C	COPd	x	-
Tj=2°C	Pdh	x	kW	Tj=2°C	COPd	x	-
Tj=7°C	Pdh	x	kW	Tj=7°C	COPd	x	-
Tj=12°C	Pdh	x	kW	Tj=12°C	COPd	x	-
Tj=bivalent temperature	Pdh	x	kW	Tj=bivalent temperature	COPd	x	-
Tj=operating limit	Pdh	x	kW	Tj=operating limit	COPd	x	-
Tj=-15°C	Pdh	x	kW	Tj=-15°C	COPd	x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-25	°C
heating/Warmer	Tbiv	x	°C	heating/Warmer	Tol	x	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pccyc	x	kW	for cooling	EERcyc	x	-
for heating	Pchyc	x	kW	for heating	COPcyc	x	-
Degradation co-efficient	Cdc	0,25	-	Degradation co-efficient	Cdh	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	POFF	13	W	cooling	QCE	398	kWh/a
standby mode	PSB	13	W	heating/Average	QHE	3286	kWh/a
thermostat - off mode	PTO	31	W	heating/Warmer	QHE	x	kWh/a
crankcase heater mode	PCK	0	W	heating/Colder	QHE	x	kWh/a
Capacity control (indicate one of three options)				Other items			
fixed		N		Sound power level (indoor1-4/outdoor)	LWA	58/66	dB(A)
staged		N		Global warming potential	GWP (*2)	675	kgCO2eq.
variable		Y		Rated air flow (indoor1-4/outdoor)	-	666/3780	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-LN25VG2	307H890W233D (mm)
	INDOOR MODEL 4	MSZ-LN25VG2	307H890W233D (mm)
	INDOOR MODEL 5	-	-
	INDOOR MODEL 6	-	-
	OUTDOOR MODEL	MXZ-4F83VFH2Z	1048H950W330D (mm)

Function		
cooling		Y
heating		Y

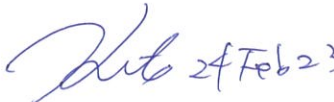
The heating season		
Average (mandatory)		Y
Warmer (if designated)		N
Colder (if designated)		N

Capacity control		
fixed		N
staged		N
variable		Y

Item	symbol	value	unit
Seasonal efficiency (2)			
cooling	SEER	7.3	-
heating/Average	SCOP/A	4.3	-
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 (indoor1-4/outdoor)	LWA	58/66	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP (3)	675	kgCO ₂ eq.

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