



# ENERG

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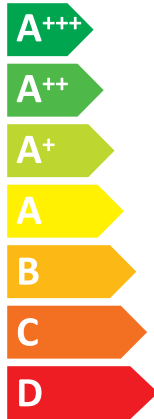
Y IJA  
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Model Outdoor unit  
Indoor unit 1/2

**MXZ-2F53VFH4**  
**MSZ-LN18/35VG2**

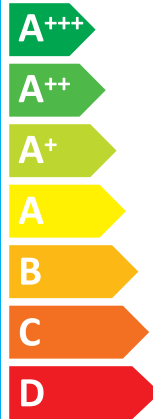
SEER



**A+++**

kW **5,3**  
SEER **8,6**  
kWh/annum **216**

SCOP



**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

BH79N257H45





PRODUCT INFORMATION (*1)			
ROOM AIR CONDITIONER	INDOOR MODEL 1/2/3 INDOOR MODEL 4/5/6 OUTDOOR MODEL	MSZ-LN18VG2 / MSZ-LN35VG2 / - - / - / - MXZ-2F53VFH4	
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
<b>Item</b>	<b>symbol</b>	<b>value</b>	<b>unit</b>
<b>Design load</b>			
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		Declared energy efficiency ratio, 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
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 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	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
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 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	-
<b>Bivalent temperature</b>		<b>Operating limit temperature</b>	
heating/Average	Tbiv	-7	°C
heating/Warmer	Tbiv	x	°C
heating/Colder	Tbiv	x	°C
heating/Average	Tol	-20	°C
heating/Warmer	Tol	x	°C
heating/Colder	Tol	x	°C
<b>Cycling interval capacity</b>		<b>Cycling interval efficiency</b>	
for cooling	Pccyc	x	kW
for heating	Pchyc	x	kW
Degradation co-efficient	Cdc	0,25	-
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradation co-efficient	Cdh	0,25	-
<b>Electric power input in power modes other than 'active mode'</b>		<b>Annual electricity consumption</b>	
off mode	POFF	4	W
standby mode	PSB	4	W
thermostat - off mode	PTO	7	W
crankcase heater mode	PCK	0	W
cooling	QCE	216	kWh/a
heating/Average	QHE	1089	kWh/a
heating/Warmer	QHE	x	kWh/a
heating/Colder	QHE	x	kWh/a
<b>Capacity control (indicate one of three options)</b>		<b>Other items</b>	
fixed		N	
staged		N	
variable		Y	
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)		666,678/1962	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-LN35VG2	307H890W233D (mm)
	INDOOR MODEL 3	-	-
	INDOOR MODEL 4	-	-
	INDOOR MODEL 5	-	-
	INDOOR MODEL 6	-	-
	OUTDOOR MODEL	MXZ-2F53VFH4	550H800W285D (mm)

Function		
cooling		Y
heating		Y

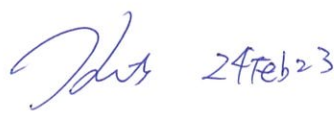
The heating season		
Average (mandatory)		Y
Warmer (if designated)		N
Colder (if designated)		N

Capacity control		
fixed		N
staged		N
variable		Y

Item	symbol	value	unit
Seasonal efficiency (2)			
cooling	SEER	8,6	-
heating/Average	SCOP/A	4,5	-
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 (3)	675	kgCO2eq.

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.