



# ENERG

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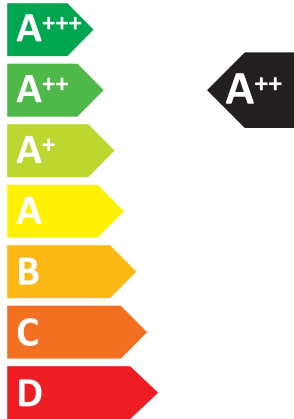


Model

Outdoor unit  
Indoor unit 1  
Indoor unit 2

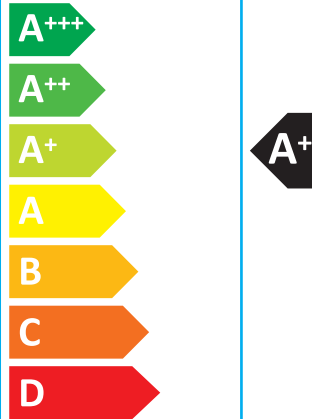
**MXZ-2F33VF4**  
**MSZ-AP15VG**  
**MSZ-LN18VG2**

SEER



kW **3,3**  
SEER **6,1**  
kWh/annum **189**

SCOP



kW	X	2,7	X
SCOP	X	4,0	X
kWh/annum	X	944	X



Indoor unit1  
**59dB**  
Indoor unit2  
**58dB**



Outdoor unit  
**60dB**



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626/2011

BH79N257H42





PRODUCT INFORMATION (*1)				
ROOM AIR CONDITIONER	INDOOR MODEL 1/2/3 INDOOR MODEL 4/5/6 OUTDOOR MODEL	MSZ-AP15VG / MSZ-LN18VG2 / - - / - / - MXZ-2F33VF4		
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	
<b>Design load</b>				
cooling	Pdesignc	3,3	kW	
heating/Average	Pdesignh	2,7	kW	
heating/Warmer	Pdesignh	x	kW	
heating/Colder	Pdesignh	x	kW	
<b>Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj</b>				
Tj=35°C	Pdc	3,30	kW	
Tj=30°C	Pdc	2,50	kW	
Tj=25°C	Pdc	2,40	kW	
Tj=20°C	Pdc	2,50	kW	
<b>Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj</b>				
Tj=-7°C	Pdh	2,40	kW	
Tj=2°C	Pdh	1,60	kW	
Tj=7°C	Pdh	1,50	kW	
Tj=12°C	Pdh	1,70	kW	
Tj=bivalent temperature	Pdh	2,40	kW	
Tj=operating limit	Pdh	1,60	kW	
<b>Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj</b>				
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	
<b>Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj</b>				
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	
<b>Bivalent temperature</b>				
heating/Average	Tbiv	-7	°C	
heating/Warmer	Tbiv	x	°C	
heating/Colder	Tbiv	x	°C	
<b>Cycling interval capacity</b>				
for cooling	Pccyc	x	kW	
for heating	Pchyc	x	kW	
Degradation co-efficient	Cdc	0,25	-	
<b>Electric power input in power modes other than 'active mode'</b>				
off mode	POFF	4	W	
standby mode	PSB	4	W	
thermostat - off mode	PTO	7	W	
crankcase heater mode	PCK	0	W	
<b>Capacity control (indicate one of three options)</b>				
fixed		N		
staged		N		
variable		Y		
<b>Seasonal efficiency</b>				
cooling	SEER	6,1	-	
heating/Average	SCOP/A	4,0	-	
heating/Warmer	SCOP/W	x	-	
heating/Colder	SCOP/C	x	-	
<b>Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj</b>				
Tj=35°C	EERd	3,90	-	
Tj=30°C	EERd	6,07	-	
Tj=25°C	EERd	7,70	-	
Tj=20°C	EERd	8,70	-	
<b>Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj</b>				
Tj=-7°C	COPd	2,90	-	
Tj=2°C	COPd	4,00	-	
Tj=7°C	COPd	5,40	-	
Tj=12°C	COPd	6,90	-	
Tj=bivalent temperature	COPd	2,90	-	
Tj=operating limit	COPd	2,00	-	
<b>Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj</b>				
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	-	
<b>Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj</b>				
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>Operating limit temperature</b>				
heating/Average	Tol	-15	°C	
heating/Warmer	Tol	x	°C	
heating/Colder	Tol	x	°C	
<b>Cycling interval efficiency</b>				
for cooling	EERcyc	x	-	
for heating	COPcyc	x	-	
Degradation co-efficient	Cdh	0,25	-	
<b>Annual electricity consumption</b>				
cooling	QCE	189	kWh/a	
heating/Average	QHE	944	kWh/a	
heating/Warmer	QHE	x	kWh/a	
heating/Colder	QHE	x	kWh/a	
<b>Other items</b>				
Sound power level (indoor1,2/outdoor)	LWA	59,58/60	dB(A)	
Global warming potential	GWP (*2)	675	kgCO2eq.	
Rated air flow (indoor1,2/outdoor)	-	384,666/1848	m <sup>3</sup> /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)**

	INDOOR MODEL 1	MSZ-AP15VG	250H760W178D (mm)
	INDOOR MODEL 2	MSZ-LN18VG2	307H890W233D (mm)
	INDOOR MODEL 3	-	-
ROOM AIR CONDITIONER	INDOOR MODEL 4	-	-
	INDOOR MODEL 5	-	-
	INDOOR MODEL 6	-	-
	OUTDOOR MODEL	MXZ-2F33VF4	550H800W285D (mm)

Function		
cooling		Y
heating		Y

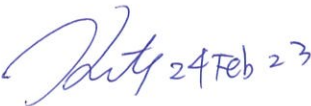
The heating season		
Average (mandatory)		Y
Warmer (if designated)		N
Colder (if designated)		N

Capacity control		
fixed		N
staged		N
variable		Y

Item	symbol	value	unit
Seasonal efficiency (2)			
cooling	SEER	6,1	-
heating/Average	SCOP/A	4,0	-
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	59,58/60	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP (3)	675	kgCO <sub>2</sub> eq.

identification and signature of the person empowered to bind the supplier	 Yukihiro Kitamura Department Manager, Quality Assurance Department MITSUBISHI ELECTRIC CONSUMER PRODUCTS(THAILAND) CO.,LTD
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(1) This information is based on COMMISSION DELEGATED REGULATION (EU) No 626/2011,  
 (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.