



**ENERG**  
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Y IJA  
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Model Indoor unit **MSZ-SF35VE**  
Outdoor unit **MUZ-SF35VE**

SEER



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

A<sup>++</sup>

kW **3,5**

SEER **7,2**

kWh/annum **171**

SCOP



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

A<sup>+++</sup>

A<sup>+</sup>

kW **1,6**    **2,9**    X

SCOP **5,4**    **4,4**    X

kWh/annum **418**    **923**    X



**57dB**



**62dB**



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

JG79B400H01





**PRODUCT INFORMATION (\*)**

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-SF35VE
	OUTDOOR MODEL	MUZ-SF35VE

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

Item	symbol	value	unit
<b>Design load</b>			
cooling	P <sub>designc</sub>	3.5	kW
heating/Average	P <sub>designh</sub>	2.9	kW
heating/Warmer	P <sub>designh</sub>	1.6	kW
heating/Colder	P <sub>designh</sub>	x	kW

Item	symbol	value	unit
<b>Seasonal efficiency</b>			
cooling	SEER	7.2	-
heating/Average	SCOP/A	4.4	-
heating/Warmer	SCOP/W	5.4	-
heating/Colder	SCOP/C	x	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =35°C	P <sub>dc</sub>	3.5	kW
T <sub>j</sub> =30°C	P <sub>dc</sub>	2.6	kW
T <sub>j</sub> =25°C	P <sub>dc</sub>	1.7	kW
T <sub>j</sub> =20°C	P <sub>dc</sub>	1.7	kW

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =35°C	EER <sub>d</sub>	3.3	-
T <sub>j</sub> =30°C	EER <sub>d</sub>	5.2	-
T <sub>j</sub> =25°C	EER <sub>d</sub>	9.3	-
T <sub>j</sub> =20°C	EER <sub>d</sub>	12.4	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =-7°C	P <sub>dh</sub>	2.6	kW
T <sub>j</sub> =2°C	P <sub>dh</sub>	1.6	kW
T <sub>j</sub> =7°C	P <sub>dh</sub>	1.6	kW
T <sub>j</sub> =12°C	P <sub>dh</sub>	2.0	kW
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	2.9	kW
T <sub>j</sub> =operating limit	P <sub>dh</sub>	2.2	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =-7°C	COP <sub>d</sub>	3.0	-
T <sub>j</sub> =2°C	COP <sub>d</sub>	4.4	-
T <sub>j</sub> =7°C	COP <sub>d</sub>	5.9	-
T <sub>j</sub> =12°C	COP <sub>d</sub>	7.0	-
T <sub>j</sub> =bivalent temperature	COP <sub>d</sub>	2.8	-
T <sub>j</sub> =operating limit	COP <sub>d</sub>	2.3	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =2°C	P <sub>dh</sub>	1.6	kW
T <sub>j</sub> =7°C	P <sub>dh</sub>	1.6	kW
T <sub>j</sub> =12°C	P <sub>dh</sub>	2.0	kW
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	1.6	kW
T <sub>j</sub> =operating limit	P <sub>dh</sub>	2.2	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =2°C	COP <sub>d</sub>	4.4	-
T <sub>j</sub> =7°C	COP <sub>d</sub>	5.9	-
T <sub>j</sub> =12°C	COP <sub>d</sub>	7.0	-
T <sub>j</sub> =bivalent temperature	COP <sub>d</sub>	4.4	-
T <sub>j</sub> =operating limit	COP <sub>d</sub>	2.3	-

Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =-7°C	P <sub>dh</sub>	x	kW
T <sub>j</sub> =2°C	P <sub>dh</sub>	x	kW
T <sub>j</sub> =7°C	P <sub>dh</sub>	x	kW
T <sub>j</sub> =12°C	P <sub>dh</sub>	x	kW
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	x	kW
T <sub>j</sub> =operating limit	P <sub>dh</sub>	x	kW
T <sub>j</sub> =-15°C	P <sub>dh</sub>	x	kW

Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =-7°C	COP <sub>d</sub>	x	-
T <sub>j</sub> =2°C	COP <sub>d</sub>	x	-
T <sub>j</sub> =7°C	COP <sub>d</sub>	x	-
T <sub>j</sub> =12°C	COP <sub>d</sub>	x	-
T <sub>j</sub> =bivalent temperature	COP <sub>d</sub>	x	-
T <sub>j</sub> =operating limit	COP <sub>d</sub>	x	-
T <sub>j</sub> =-15°C	COP <sub>d</sub>	x	-

Bivalent temperature			
heating/Average	T <sub>biv</sub>	-10	°C
heating/Warmer	T <sub>biv</sub>	2	°C
heating/Colder	T <sub>biv</sub>	x	°C

Operating limit temperature			
heating/Average	T <sub>ol</sub>	-15	°C
heating/Warmer	T <sub>ol</sub>	-15	°C
heating/Colder	T <sub>ol</sub>	x	°C

Cycling interval capacity			
for cooling	P <sub>cycc</sub>	x	kW
for heating	P <sub>cyh</sub>	x	kW
Degradation co-efficient cooling	C <sub>dc</sub>	0.25	-

Cycling interval efficiency			
for cooling	EER <sub>cyc</sub>	x	-
for heating	COP <sub>cyc</sub>	x	-
Degradation co-efficient	C <sub>dh</sub>	0.25	-

Electric power input in power modes other than 'active mode'			
off mode	P <sub>OFF</sub>	1	W
standby mode	P <sub>SB</sub>	1	W
thermostat - off mode	P <sub>TO</sub>	8	W
crankcase heater mode	P <sub>CK</sub>	0	W


Annual electricity consumption			
cooling	Q <sub>CE</sub>	171	kWh/a
heating/Average	Q <sub>HE</sub>	923	kWh/a
heating/Warmer	Q <sub>HE</sub>	923	kWh/a
heating/Colder	Q <sub>HE</sub>	x	kWh/a

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

Other items			
Sound power level (indoor/outdoor)	L <sub>WA</sub>	57/62	dB(A)
Global warming potential	GWP	1975	kgCO <sub>2</sub> eq
Rated air flow (indoor/outdoor)	-	546/2154	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: melshiep@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	MSZ-SF35VE	299H798W195D (mm)
	OUTDOOR MODEL	MUZ-SF35VE	550H800W285D (mm)
Function			
	cooling		Y
	heating		Y
The heating season			
	Average (mandatory)		Y
	Warmer (if designated)		Y
	Colder (if designated)		N
Capacity control			
	fixed		N
	staged		N
	variable		Y
<b>Item</b>	<b>symbol</b>	<b>value</b>	<b>unit</b>
Seasonal efficiency (2)			
cooling	SEER	7.2	-
heating/Average	SCOP/A	4.4	-
heating/Warmer	SCOP/W	5.4	-
heating/Colder	SCOP/C	x	-
Energy efficiency class			
cooling	SEER	A++	-
heating/Average	SCOP/A	A+	-
heating/Warmer	SCOP/W	A+++	-
heating/Colder	SCOP/C	x	-
Other items			
Sound power level (Indoor/outdoor)	LWA	57/62	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	kgCO <sub>2</sub> eq.
Identification and signature of the person empowered to bind the supplier			
	Tomoyuki Ming 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