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Model Indoor unit **MSZ-SF25VE**
Outdoor unit **MUZ-SF25VEH**

SEER

A⁺⁺⁺A⁺⁺A⁺

A

B

C

D

A⁺⁺kW **2,5**SEER **7,6**kWh/annum **116**

SCOP

A⁺⁺⁺A⁺⁺A⁺

A

B

C

D

A⁺⁺⁺A⁺kW **1,3**SCOP **5,4**kWh/annum **337**

2,4

4,3

790

X

X

X

**57dB****58dB**

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626/2011

JG79B399H01

PRODUCT INFORMATION (*)				
ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-SF25VE		
	OUTDOOR MODEL	MUZ-SF25VEH		
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		
cooling	Y	Average (mandatory)	Y	
heating	Y	Warmer (if designated)	Y	
		Colder (if designated)	N	
Item	symbol	value	unit	
Design load				
cooling	P _{designc}	2.5	kW	
heating/Average	P _{designh}	2.4	kW	
heating/Warmer	P _{designh}	1.3	kW	
heating/Colder	P _{designh}	x	kW	
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T _j				
T _j =35°C	P _{dc}	2.5	kW	
T _j =30°C	P _{dc}	1.9	kW	
T _j =25°C	P _{dc}	1.6	kW	
T _j =20°C	P _{dc}	1.7	kW	
Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T _j				
T _j =7°C	P _{dh}	2.2	kW	
T _j =2°C	P _{dh}	1.3	kW	
T _j =7°C	P _{dh}	1.3	kW	
T _j =12°C	P _{dh}	1.4	kW	
T _j =bivalent temperature	P _{dh}	2.4	kW	
T _j =operating limit	P _{dh}	1.6	kW	
Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T _j				
T _j =2°C	P _{dh}	1.3	kW	
T _j =7°C	P _{dh}	1.3	kW	
T _j =12°C	P _{dh}	1.4	kW	
T _j =bivalent temperature	P _{dh}	1.3	kW	
T _j =operating limit	P _{dh}	1.6	kW	
Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature T _j				
T _j =7°C	P _{dh}	x	kW	
T _j =2°C	P _{dh}	x	kW	
T _j =7°C	P _{dh}	x	kW	
T _j =12°C	P _{dh}	x	kW	
T _j =bivalent temperature	P _{dh}	x	kW	
T _j =operating limit	P _{dh}	x	kW	
T _j =-15°C	P _{dh}	x	kW	
Bivalent temperature				
heating/Average	T _{biv}	-10	°C	
heating/Warmer	T _{biv}	2	°C	
heating/Colder	T _{biv}	x	°C	
Cycling Interval capacity				
for cooling	P _{cycc}	x	kW	
for heating	P _{cyh}	x	kW	
Degradation co-efficient cooling	C _{dc}	0.25	-	
Electric power input in power modes other than 'active mode'				
off mode	P _{OFF}	1	W	
standby mode	P _{SB}	1	W	
thermostat - off mode	P _{TO}	8	W	
crankcase heater mode	P _{CK}	0	W	
Capacity control (indicate one of three options)				
fixed	N			
staged	N			
variable	Y			
Item				
Seasonal efficiency				
cooling	SEER	7.6	-	
heating/Average	SCOP/A	4.3	-	
heating/Warmer	SCOP/W	5.4	-	
heating/Colder	SCOP/C	x	-	
Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature T _j				
T _j =35°C	EERd	4.2	-	
T _j =30°C	EERd	6.6	-	
T _j =25°C	EERd	9.2	-	
T _j =20°C	EERd	12.5	-	
Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T _j				
T _j =7°C	COPd	2.6	-	
T _j =2°C	COPd	4.3	-	
T _j =7°C	COPd	6.0	-	
T _j =12°C	COPd	7.0	-	
T _j =bivalent temperature	COPd	2.4	-	
T _j =operating limit	COPd	1.8	-	
Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T _j				
T _j =2°C	COPd	4.3	-	
T _j =7°C	COPd	6.0	-	
T _j =12°C	COPd	7.0	-	
T _j =bivalent temperature	COPd	4.3	-	
T _j =operating limit	COPd	1.8	-	
Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T _j				
T _j =7°C	COPd	x	-	
T _j =2°C	COPd	x	-	
T _j =7°C	COPd	x	-	
T _j =12°C	COPd	x	-	
T _j =bivalent temperature	COPd	x	-	
T _j =operating limit	COPd	x	-	
T _j =-15°C	COPd	x	-	
Operating limit temperature				
heating/Average	T _{ol}	-20	°C	
heating/Warmer	T _{ol}	-20	°C	
heating/Colder	T _{ol}	x	°C	
Cycling interval efficiency				
for cooling	EER _{cycc}	x	-	
for heating	COP _{cycc}	x	-	
Degradation co-efficient	C _{dh}	0.25	-	
Annual electricity consumption				
cooling	Q _{CE}	116	kWh/a	
heating/Average	Q _{HE}	790	kWh/a	
heating/Warmer	Q _{HE}	790	kWh/a	
heating/Colder	Q _{HE}	x	kWh/a	
Other items				
Sound power level (indoor/outdoor)	L _{WA}	57/58	dB(A)	
Global warming potential	GWP	1975	kgCO ₂ eq	
Rated air flow (indoor/outdoor)	-	546/1866	m ³ /h	
Contact details for obtaining more information	MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS 3-18-1, Oshika, Suruga-ku, Shizuoka 422-8528, Japan E-mail: melshiero@mh.MitsubishiElectric.co.jp			

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

TECHNICAL DOCUMENTATION (1)			
ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-SF25VE	299H1798W195D (mm)
	OUTDOOR MODEL	MUZ-SF25VEH	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	
Item	symbol	value	unit
Seasonal efficiency (2)			
cooling	SEER	7.6	-
heating/Average	SCOP/A	4.3	-
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	57/58	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	kgCO ₂ eq.
Identification and signature of the person empowered to bind the supplier			
	Tomoyuki Miwa 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 EN 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance