



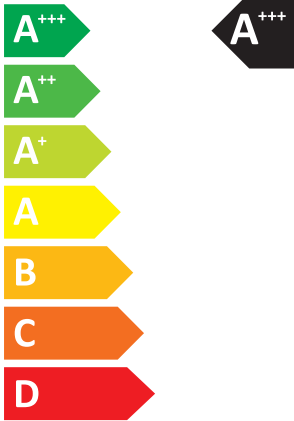
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Model Indoor unit **MSZ-EF25VE**
Outdoor unit **MUZ-EF25VEH**

SEER

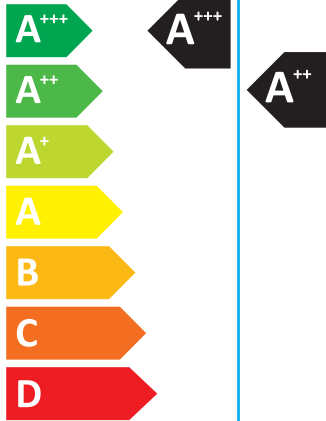


kW **2,5**

SEER **8,5**

kWh/annum **103**

SCOP



kW **1,3** **2,4** X

SCOP **6,0** **4,6** X

kWh/annum **304** **730** X



60dB



58dB



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A Model	B Indoor unit	MSZ-EF25VE		MSZ-EF35VE		MSZ-EF42VE	MSZ-EF50VE	
		C Outdoor unit	MUZ-EF25VE	MUZ-EF25VEH	MUZ-EF35VE	MUZ-EF35VEH	MUZ-EF42VE	MUZ-EF50VE
D Sound power levels on cooling mode	E Inside	dB	60	60	60	60	60	
	F Out-side	dB	58	58	61	61	65	
G Refrigerant	R410A GWP 1975 *1							
H Cooling	SEER		8,5	8,5	8,5	8,5	7,7	
	Energy efficiency class		A+++	A+++	A+++	A+++	A++	
	Annual electricity consumption *2 kWh/a		103	103	144	144	192	
I Heating (Average/ Warmer season)	SCOP		4,7 / 6,0	4,6 / 6,0	4,6 / 5,7	4,5 / 5,7	4,6 / 6,0	
	Energy efficiency class		A++ / A+++	A++ / A+++	A++ / A+++	A+ / A+++	A++ / A+++	
	Annual electricity consumption *2 kWh/a		716 / 304	730 / 304	882 / 396	910 / 396	1155 / 491	
J Design load	kW		2,4 (-10°C) / 1,3 (2°C)	2,4 (-10°C) / 1,3 (2°C)	2,9 (-10°C) / 1,6 (2°C)	2,9 (-10°C) / 1,6 (2°C)	3,8 (-10°C) / 2,1 (2°C)	
	K De-cleared capacity	L at reference design temperature	kW	2,4 (-10°C) / 1,3 (2°C)	2,4 (-10°C) / 1,3 (2°C)	2,9 (-10°C) / 1,6 (2°C)	2,9 (-10°C) / 1,6 (2°C)	3,8 (-10°C) / 2,1 (2°C)
		M at bivalent temperature	kW	2,4 (-10°C) / 1,3 (2°C)	2,4 (-10°C) / 1,3 (2°C)	2,9 (-10°C) / 1,6 (2°C)	2,9 (-10°C) / 1,6 (2°C)	3,8 (-10°C) / 2,1 (2°C)
		N at operation limit temperature	kW	2,0 (-15°C) / 2,0 (-15°C)	1,6 (-20°C) / 1,6 (-20°C)	2,4 (-15°C) / 2,4 (-15°C)	1,7 (-20°C) / 1,7 (-20°C)	3,4 (-15°C) / 3,4 (-15°C)
	O Back up heating capacity	kW		0,0 (-10°C) / 0,0 (2°C)	0,0 (-10°C) / 0,0 (2°C)	0,0 (-10°C) / 0,0 (2°C)	0,0 (-10°C) / 0,0 (2°C)	

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
A	Modell	Modello	Modell	Model	Mudel	Mudell	Модель
B	Innengerät	Unità interna	Inomhusenhet	Jednostka wewnętrzna	Siseseade	Unità għal għewwa	Внутренний прибор
C	Außengerät	Unità esterna	Utomhusenhet	Jednostka zewnętrzna	Välisseade	Unità għal barra	Наружный прибор
D	Schalleistungspegel im Kühlmodus	Livelli di potenza sonora in modalità di raffreddamento	Bullemlivå i nedkylningsläget	Poziom mocy dźwięku w trybie chłodzenia	Müratasemed jahutusrežiimis	Livelli tal-qawwa tal-hsejjes fil-modalità ta' tkessih	Значения уровня звуковой мощности в режиме охлаждения
E	Innen	Interno	Innida	Wewnętrzny	Sees	Għewwa	Внутри
F	Außen	Esterno	Utsida	Na zewnątrz	Väljas	Barra	Снаружи
G	Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Külmutusagens	Refrigerant	Хладагент

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
H	Kühlen	Raffreddamento	Kyla	Chłodzenie	Jahutus	Tkessih	Охлаждение
I	Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatõhususe klass	Klassi tal-effiċjenza fl-użu tal-enerġija	Класс эффективности использования энергии
J	Jahresstromverbrauch *2	Consumo annuale di energia elettrica *2	Årlig strömförbrukning *2	Zużycie prądu w skali roku *2	Aastane voolutarbimus *2	Konsum annwali tal-elettriku *2	Годовое потребление электроэнергии *2
K	Laustauslegung	Carico nominale	Dimensionerande belastning	Maksymalne obciążenie	Projektteeritud koormus	Tagħbija tad-disinn	Расчетная нагрузка
L	Heizen (Jahresdurchschnitt / wärmeres Wetter)	Riscaldamento (Stagione media / calda)	Värme (Genomsnittlig/varmare årstid)	Ogrzewanie (Sezon umiarkowany/ciepły)	Kütmine (keskmise/soojaperiood)	Tishin (Stagun Medju / Aktar Šhun)	Нагрев (средний/теплый сезон)
M	Nennkapazität	Capacità dichiarata	Deklarerad kapacitet	Deklarowana pojemność	Deklareeritud võimsus	Kapaċità d'dikjarata	Гарантированная мощность
N	bei angegebener Referenztemperatur	alla temperatura di progetto di riferimento	vid dimensionerande referenstempertur	w znamionowej temperaturze odniesienia	projekteerimise võrdlustemperatuuril juures	f'temperatura tad-disinn ta' referenza	при эталонной расчетной температуре
O	Backup-Heizleistung	Capacità di riscaldamento addizionale	Kapacitet för reservvärme	Zaprasowa pojemność grzewcza	Tagavara kütte võimsus	Kapaċità tal-tishin ta' sostenn	Резервная тепловая мощность

PRODUCT INFORMATION (*)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-EF25VE
	OUTDOOR MODEL	MUZ-EF25VEH

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
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

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	8.5	-
heating/Average	SCOP/A	4.6	-
heating/Warmer	SCOP/W	6.0	-
heating/Colder	SCOP/C	x	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	P _{dc}	2.5	kW
Tj=30°C	P _{dc}	1.9	kW
Tj=25°C	P _{dc}	1.7	kW
Tj=20°C	P _{dc}	1.8	kW

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	EERd	4.6	-
Tj=30°C	EERd	7.6	-
Tj=26°C	EERd	10.6	-
Tj=20°C	EERd	13.9	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	P _{dh}	2.2	kW
Tj=2°C	P _{dh}	1.3	kW
Tj=7°C	P _{dh}	1.3	kW
Tj=12°C	P _{dh}	1.5	kW
Tj=bivalent temperature	P _{dh}	2.4	kW
Tj=operating limit	P _{dh}	1.6	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	2.7	-
Tj=2°C	COPd	4.7	-
Tj=7°C	COPd	6.5	-
Tj=12°C	COPd	8.0	-
Tj=bivalent temperature	COPd	2.4	-
Tj=operating limit	COPd	1.5	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	P _{dh}	1.3	kW
Tj=7°C	P _{dh}	1.3	kW
Tj=12°C	P _{dh}	1.5	kW
Tj=bivalent temperature	P _{dh}	1.3	kW
Tj=operating limit	P _{dh}	1.6	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	COPd	4.7	-
Tj=7°C	COPd	6.5	-
Tj=12°C	COPd	8.0	-
Tj=bivalent temperature	COPd	4.7	-
Tj=operating limit	COPd	1.5	-

Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	P _{dh}	x	kW
Tj=2°C	P _{dh}	x	kW
Tj=7°C	P _{dh}	x	kW
Tj=12°C	P _{dh}	x	kW
Tj=bivalent temperature	P _{dh}	x	kW
Tj=operating limit	P _{dh}	x	kW
Tj=-15°C	P _{dh}	x	kW

Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
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	-

Bivalent temperature			
heating/Average	T _{biv}	-10	°C
heating/Warmer	T _{biv}	2	°C
heating/Colder	T _{biv}	x	°C

Operating limit temperature			
heating/Average	T _{ol}	-20	°C
heating/Warmer	T _{ol}	-20	°C
heating/Colder	T _{ol}	x	°C

Cycling interval capacity			
for cooling	P _{cycc}	x	kW
for heating	P _{cyhc}	x	kW
Degradation coefficient cooling	C _{dc}	0.25	-

Cycling interval efficiency			
for cooling	EER _{cycc}	x	-
for heating	COP _{cyhc}	x	-
Degradation co-efficient	C _{dh}	0.25	-

Electric power input in power modes other than 'active mode'			
standby mode	P _{off}	1	W
thermostat - off mode	P _{sb}	1	W
thermostat - off mode	P _{to}	8	W
crankcase heater mode	P _{ck}	0	W

Annual electricity consumption			
cooling	Q _{ce}	103	kWh/a
heating/Average	Q _{he}	730	kWh/a
heating/Warmer	Q _{he}	304	kWh/a
heating/Colder	Q _{he}	x	kWh/a

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

Other items			
Sound power level (indoor/outdoor)	L _{wa}	60/58	dB(A)
Global warming potential	GWP	1975	kgCO ₂ eq
Rated air flow (indoor/outdoor)	-	630/1956	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: melshier@nb.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)			
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ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-EF25VE	299H895W195D (mm)
	OUTDOOR MODEL	MUZ-EF25VEH	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	8.5	-
heating/Average	SCOP/A	4.6	-
heating/Warmer	SCOP/W	6.0	-
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	60/58	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier	 <hr style="width: 50%; margin: auto;"/> Tomoyuki Miwa 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 EN 14825:2011. Testing and rating at part load conditions and calculation of seasonal performance