

JG79Y483H03



A	Model	B Indoor unit		MSZ-EF25VGW	MSZ-EF25VGK	MSZ-EF35VGW	MSZ-EF35VKG	MSZ-EF42VGW	MSZ-EF42VKG	MSZ-EF50VGW	MSZ-EF50VKG	MSZ-EF25VGH	MSZ-EF25VGH	MSZ-EF35VGH	MSZ-EF35VGH				
		C Outdoor unit		MUZ-EF25VGV	MUZ-EF25VGV	MUZ-EF35VGV	MUZ-EF35VGV	MUZ-EF42VGV	MUZ-EF42VGV	MUZ-EF50VGV	MUZ-EF50VGV	MUZ-EF25VGH	MUZ-EF25VGH	MUZ-EF35VGH	MUZ-EF35VGH				
	Sound power levels on cooling mode	Inside	dB	60	60	60	60	60	60	60	60	60	60	60	60				
		Outside	dB	58	62	62	62	62	62	65	65	58	62	62	62				
	Refrigerant	R32 GWP 675 *1																	
H	Cooling	SEER		9,1	8,8	7,9	7,5	9,1	8,8										
		Energy efficiency class		A+++	A+++	A++	A++	A+++	A+++										
		Annual electricity consumption *2		kWh/a	96	139	186	233	96	139									
		Design load		kw	2,5	3,5	4,2	5,0	2,5	3,5									
M	Heating (Average/ Warmer season)	SCOP		4,7 / 5,8	4,6 / 5,6	4,6 / 6,0	4,5 / 5,4	4,6 / 5,8	4,5 / 5,6										
		Energy efficiency class		A++ / A+++	A++ / A+++	A++ / A+++	A+ / A+++	A++ / A+++	A+ / A+++										
		Annual electricity consumption *2		kWh/a	713 / 311	882 / 398	1151 / 489	1304 / 595	727 / 311	900 / 398									
		Design load		kw	2,4 / 1,3	2,9 / 1,6	3,8 / 2,1	4,2 / 2,3	2,4 / 1,3	2,9 / 1,6									
		P	De-clared capacity	at reference design temperature		kw	2,4 (-10°C) / 1,3 (2°C)	2,9 (-10°C) / 1,6 (2°C)	3,8 (-10°C) / 2,1 (2°C)	4,2 (-10°C) / 2,3(2°C)	2,4 (-10°C) / 1,3 (2°C)	2,9 (-10°C) / 1,6 (2°C)							
				at bivalent temperature		kw	2,4 (-10°C) / 1,3 (2°C)	2,9 (-10°C) / 1,6 (2°C)	3,8 (-10°C) / 2,1 (2°C)	4,2 (-10°C) / 2,3(2°C)	2,4 (-10°C) / 1,3 (2°C)	2,9 (-10°C) / 1,6 (2°C)							
				at operation limit temperature		kw	2,0 (-15°C) / 2,0 (-15°C)	2,4 (-15°C) / 2,4 (-15°C)	3,4 (-15°C) / 3,4 (-15°C)	3,5 (-15°C) / 3,5 (-15°C)	1,6 (-20°C) / 1,6 (-20°C)	1,7 (-20°C) / 1,7 (-20°C)							
	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)	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)	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
	Français	Ελληνικά	Česky	Slovensko	Gaeilge	Suomi	Norsk
	Nederlands	Português	Slovensky	Български	Latviski	Türkçe	Українська
	Español	Dansk	Magyar	Română	Lietuvių k.	Hrvatski	
A	Modell	Modello	Modell	Model	Mudel	Mudell	Модель
	Modèle	Μοντέλο	Model	Model	Déanamh	Malli	Модель
B	Innengerät	Unità interna	Inomhusenhet	Jednostka wewnętrzna	Siseseade	Unità għal għewwa	Внутренний прибор
	Appareil intérieur	Εσωτερική μονάδα	Vnitřní jednotka	Notranja enota	Aonad laistigh	Sisäyksikkö	Innendørsenhet
	Binnenunit	Unidade interior	Vnúťová jednotka	Вътрешно тяло	Iekšējais ierīce	İç ünite	Внутрішній блок
	Unidad interior	Indendørsenhet	Beltéri egység	Unitate de interior	Patalpoje montuojamas įrenginys	Unutarmja jedinica	
C	Außengerät	Unità esterna	Utomhusenhet	Jednostka zewnętrzna	Välisseade	Unità għal barra	Наружный прибор
	Modèle extérieur	Εξωτερική μονάδα	Vnější jednotka	Zunanja enota	Aonad lasmuigh	Ulkoyksikkö	Utendørsenhet
	Buitenunit	Unidade exterior	Vonkajšia jednotka	Външно тяло	Ārējais ierīce	Diş ünite	Зовнішній блок
	Unidad exterior	Udenørsenhet	Kültéri egység	Unitate de exterior	Lauke montuojamas įrenginys	Vanjska jedinica	
D	Schalleistungspegel im Kühlmodus	Livelli di potenza sonora in modalità di raffreddamento	Buller nivå i nedkylningsläget	Poziom mocy dźwięku w trybie chłodzenia	Müratasemed jahutusrežiimis	Livelli tal-qawwa tal-hsejjes fil-modalità tat-tkessih	Значения уровня звуковой мощности в режиме охлаждения
	Niveaux de puissance corrects en mode de refroidissement	Επίπεδα ισχύος ήχου στην κατάσταση ψύξης	Úrovně hluků v režimu chlazení	Ravni zvočne moči v načinu hlajenje	Leibhél chumhachta fuaimhe ar mhodh fuairthe	Äänvoimakkuaustasot viilennystilassa	Lydtrykknivåer i avkjølingsmodus
	Geluidsniveaus in koelstand	Níveis de potência sonora em modo de arrefecimento	Hladiny akustického výkonu v režime chladenia	Нива на звуковата мощност в режим на охлаждане	Ākustiskās jaudas līmenis dzesēšanas režīmā	Soğutma modunda ses gücü düzeyleri	Рівні звукової потужності у режимі охолодження
	Niveles de potencia del sonido en el modo de refrigeración	Lydstyrkeniveauer i kølefunktion	Hangnyomászintek hűtés üzemi módban	Regim sonor în modul de răcire	Garso galios lygis vėsinimo režimu	Razine zvučnog tlaka pri hlađenju	
E	Innen	Interno	Insida	Wewnażr	Sees	Gewwa	Внутри
	À l'intérieur	Εσωτερικό	Uvnitř	Znotraj	Laistigh	Sisäpuoli	Innvendig
	Binnenkant	Interior	Vo vnútri	Вътре	Iekšējās	İç taraf	Усередині
	Interior	Indvendig	Bent	Interior	Vidinis	Unutra	
F	Außen	Esterno	Utsida	Na zewnāżr	Vāļjas	Barra	Снаружи
	À l'extérieur	Εξωτερικό	Venku	Zunaj	Lasmuigh	Ulko puoli	Utvendig
	Buitenkant	Exterior	Vonku	На открито	Ārējā	Diş taraf	Назовні
	Exterior	Udvendig	A szabadban	Exterior	Īšorinis	Vani	
G	Kühlmittel	Refrigerante	Kölmiddel	Czynnik chłodniczy	Kūlmutusagens	Refrigerant	Хладагент
	Réfrigérant	Ψυκτικό	Chladivo	Hladino sredstvo	Cuisneán	Kylmäaine	Kjølemedium
	Koelmiddel	Refrigerante	Chladivo	Хладилен агент	Aukstumaģents	Soğutucu	Холодоагент
	Refrigerante	Kølemiddel	Hűtőközeg	Refrigerent	Saldalas	Rashladno sredstvo	

PRODUCT INFORMATION (*1)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-EF50VGW / MSZ-EF50VGS / MSZ-EF50VGB
	OUTDOOR MODEL	MSZ-EF50VGKW / MSZ-EF50VGKS / MSZ-EF50VGKB MUZ-EF50VG

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'.	
Average (mandatory)	Y
Warmer (if designated)	Y
Colder (if designated)	N

Item	symbol	value	unit
Design load			
cooling	Pdesignc	5.0	kW
heating/Average	Pdesignh	4.2	kW
heating/Warmer	Pdesignh	2.3	kW
heating/Colder	Pdesignh	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	7.5	-
heating/Average	SCOP/A	4.5	-
heating/Warmer	SCOP/W	5.4	-
heating/Colder	SCOP/C	x	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	5.0	kW
Tj=30°C	Pdc	3.7	kW
Tj=25°C	Pdc	2.4	kW
Tj=20°C	Pdc	1.6	kW

Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature Tj			
Tj=35°C	EERd	3.3	-
Tj=30°C	EERd	5.3	-
Tj=25°C	EERd	8.5	-
Tj=20°C	EERd	16.5	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	3.8	kW
Tj=2°C	Pdh	2.3	kW
Tj=7°C	Pdh	1.4	kW
Tj=12°C	Pdh	0.7	kW
Tj=bivalent temperature	Pdh	4.2	kW
Tj=operating limit	Pdh	3.5	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	2.8	-
Tj=2°C	COPd	4.6	-
Tj=7°C	COPd	5.8	-
Tj=12°C	COPd	5.4	-
Tj=bivalent temperature	COPd	2.5	-
Tj=operating limit	COPd	1.9	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	2.3	kW
Tj=7°C	Pdh	1.4	kW
Tj=12°C	Pdh	0.7	kW
Tj=bivalent temperature	Pdh	2.3	kW
Tj=operating limit	Pdh	3.5	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	COPd	4.6	-
Tj=7°C	COPd	5.8	-
Tj=12°C	COPd	5.4	-
Tj=bivalent temperature	COPd	4.6	-
Tj=operating limit	COPd	1.9	-

Declared capacity for heating/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

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	Tbiv	-10	°C
heating/Warmer	Tbiv	2	°C
heating/Colder	Tbiv	x	°C

Operating limit temperature			
heating/Average	Tol	-15	°C
heating/Warmer	Tol	-15	°C
heating/Colder	Tol	x	°C

Cycling interval capacity			
for cooling	Pcycc	x	kW
for heating	Pcyh	x	kW
Degradation co-efficient cooling	Cdc	0.25	-

Cycling interval efficiency			
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradation co-efficient heating	Cdh	0.25	-

Electric power input in power modes other than 'active mode'			
off mode	P _{OFF}	1.0	W
standby mode	P _{SB}	1.0	W
thermostat - off mode	P _{TO}	8.0	W
crankcase heater mode	P _{CK}	0.0	W

Annual electricity consumption			
cooling	Q _{CE}	233	kWh/a
heating/Average	Q _{HE}	1304	kWh/a
heating/Warmer	Q _{HE}	595	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}	60/65	dB(A)
Global warming potential	GWP (*2)	675	kgCO ₂ eq.
Rated air flow (indoor/outdoor)	-	678/2412	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: melshierp@MitsubishiElectric.co.jp
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(*1) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No. 206/2012.
 (*2) This GWP value is based on Regulation(EU)No. 517/2014 from IPCC 4th Assessment Report.
 For Regulation (EU) No. 626/2001, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.

TECHNICAL DOCUMENTATION (¹)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-EF50VGW / MSZ-EF50VGS / MSZ-EF50VGB	299H*885W*195D (mm)
	OUTDOOR MODEL	MSZ-EF50VGKW / MSZ-EF50VGKS / MSZ-EF50VGKB MUZ-EF50VG	714H*800W*285D (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	7.5	-
heating/Average	SCOP/A	4.5	-
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)	L _{WA}	60/65	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP (³)	675	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier	
	Tadashi Saito Department Manager, Quality Assurance Department MITSUBISHI ELECTRIC CONSUMER PRODUCTS(THAILAND) CO.,LTD

(1) This information is based on COMMISSION DELEGATED REGULATION (EU)No. 626/2011.
(2) SEER/SCOP values are measured based on EN 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. 626/2001, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.