



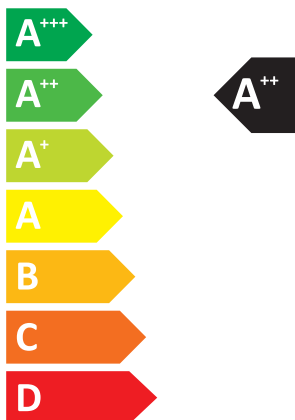
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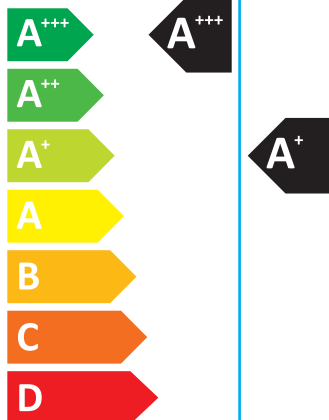


Model Indoor unit **MSZ-EF50VGK2**
Outdoor unit **MUZ-EF50VG2**

SEER

kW **5,0**SEER **7,5**kWh/annum **233**

SCOP

kW **2,3**SCOP **5,4**kWh/annum **590****4,2** X**4,5** X**1303** X**60dB****65dB**

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626/2011

VG79N603H01

VG79Y284H01



A	Model	B Indoor unit		MSZ-EF25VG2W MSZ-EF25VG2S MSZ-EF25VG2B	MSZ-EF25VGK2W MSZ-EF25VGK2S MSZ-EF25VGK2B	MSZ-EF35VG2W MSZ-EF35VG2S MSZ-EF35VG2B	MSZ-EF35VGK2W MSZ-EF35VGK2S MSZ-EF35VGK2B	MSZ-EF42VG2W MSZ-EF42VG2S MSZ-EF42VG2B	MSZ-EF42VGK2W MSZ-EF42VGK2S MSZ-EF42VGK2B	MSZ-EF50VG2W MSZ-EF50VG2S MSZ-EF50VG2B	MSZ-EF50VGK2W MSZ-EF50VGK2S MSZ-EF50VGK2B	MSZ-EF25VG2W MSZ-EF25VG2S MSZ-EF25VG2B	MSZ-EF25VGK2W MSZ-EF25VGK2S MSZ-EF25VGK2B	MSZ-EF35VG2W MSZ-EF35VG2S MSZ-EF35VG2B	MSZ-EF35VGK2W MSZ-EF35VGK2S MSZ-EF35VGK2B	
		C Outdoor unit		MUZ-EF25VG2		MUZ-EF35VG2		MUZ-EF42VG2		MUZ-EF50VG2		MUZ-EF25VGH2		MUZ-EF35VGH2		
D	Sound power levels on cooling mode	E Inside	dB	60		60		60		60		60		60		
		F Out-side	dB	58		62		62		65		58		62		
G Refrigerant				R32 GWP 675 *1												
H	Cooling	SEER		9,1		8,8		7,9		7,5		9,1		8,8		
		I Energy efficiency class		A+++		A+++		A++		A++		A+++		A+++		
		K Annual electricity consumption *2		96		139		186		233		96		139		
		L Design load		2,5		3,5		4,2		5,0		2,5		3,5		
M	Heating (Average/ Warmer season)	SCOP		4,7 / 5,6		4,6 / 5,6		4,6 / 5,8		4,5 / 5,4		4,6 / 5,6		4,5 / 5,6		
		I Energy efficiency class		A++ / A+++		A++ / A+++		A++ / A+++		A+ / A+++		A++ / A+++		A+ / A+++		
		K Annual electricity consumption *2		742 / 344		882 / 394		1147 / 502		1303 / 590		760 / 344		894 / 394		
		L Design load		2,5 / 1,4		2,9 / 1,6		3,8 / 2,1		4,2 / 2,3		2,5 / 1,4		2,9 / 1,6		
		N De-clared capacity	P at reference design temperature	kw	2,5 (-10°C) / 1,4 (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)		2,5 (-10°C) / 1,4 (2°C)		2,9 (-10°C) / 1,6 (2°C)	
			R at bivalent temperature	kw	2,5 (-10°C) / 1,4 (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)		2,5 (-10°C) / 1,4 (2°C)		2,9 (-10°C) / 1,6 (2°C)	
			S 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)	
		T 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)	
A	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						
	Modell	Modello		Modell		Model		Mudel		Mudell		Модель				
B	Innengerät	Unità interna		Inomhusenhet		Jednostka wewnętrzna		Siseseade		Unità għal ġewwa		Внутренний прибор				
	Appareil intérieur	Εσωτερική μονάδα		Vnitřní jednotka		Notranja enota		Aonad laistigh		Sisäyksikkö		Innendørsenhet				
	Binnenunit	Unidade interior		Vnitřní jednotka		Вътрешно тяло		Iekšējais ierīce		İç ünite		Внутрішній блок				
	Unidad interior	Indendørsenhet		Beltēri egység		Unitate de interior		Ārtelpas ierīce		Unutarnja jedinica						
	Außengerät	Unità esterna		Utomhusenhet		Jednostka zewnętrzna		Välisseade		Unità għal barra		Наружный прибор				
C	Modèle extérieur	Εξωτερική μονάδα		Vnější jednotka		Zunanja enota		Aonad lasmuigh		Ulkoyksikkö		Utendørsenhet				
	Buitenunit	Unidade exterior		Vonkajšia jednotka		Външно тяло		Ārtelpas ierīce		Diş ünite		Зовнішній блок				
	Unidad exterior	Udendørsenhet		Kültéri egység		Unitate de exterior		Lauke montuojamas įrenginys		Vanjska jedinica						
	Schalleistungspegel im Kühlmodus	Livelli di potenza sonora in modalità di raffreddamento		Bullernivå 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 hluchnosti v režimu chlazení		Ravni zvočne moči v načinu hlajenja		Leibhéal chumhachta fuaim ar mhodh fuairthe		Äänenvoimakkuustasot viilen-nystilassa		Lydtrykknivåer i avkjølingsmodus				
D	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		Akustiskās 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		Hangnyomásszintek hűtés üzemmódban		Nivel sonor în modul de răcire		Garso galios lygis vėsimo režimu		Razine zvučnog tlaka pri hlađenju						
	Innen	Interno		Insida		Wewnętrz		Sees		Ġewwa		Внутри				
	À l'intérieur	Εσωτερικό		Uvnitř		Znotraj		Laistigh		Sisäpuoli		Innvendig				
	Binnenkant	Interior		Vo vnútri		Вътре		Iekšējās		İç taraf		Усередині				
E	Interior	Indvendig		Bent		Interior		Vidinis		Unutra						
	Außen	Esterno		Utsida		Na zewnątrz		Väljas		Barra		Снаружи				
	À l'extérieur	Εξωτερικό		Venku		Zunaj		Lasmuigh		Ulkopuoli		Utvendig				
	Buitenkant	Exterior		Vonku		На открыто		Ārtelpā		Diş taraf		Назовні				
	Exterior	Udvendig		A szabadban		Exterior		Išorinis		Vani						
G	Kühlmittel	Refrigerante		Köldmedel		Czynnik chłodniczy		Kūlmutusagens		Refrigerant		Хладагент				
	Réfrigérant	Ψυκτικό		Chladivo		Hladino sredstvo		Cuisineán		Kylmäaine		Kjølemedium				
	Koelmiddel	Refrigerante		Chladivo		Хладилен агент		Aukstumaģents		Soğutucu		Холодоагент				
	Refrigerante	Kølemiddel		Hűtőközeg		Refrigerent		Šaldalas		Rashladno sredstvo						
H	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						
	Kühlen	Raffreddamento		Kyla		Chłodzenie		Jahutus		Tkessih		Охлаждение				
J	Refroidissement	Ψύξη		Chlazení		Hlajenje		Fuarú		Viilenys		Avkjøling				
	Koelen	Arrefecimento		Chladenie		Охлаждане		Dzesēšana		Soğutma		Охолодження				
	Refrigeración	Køling		Hűtés		Răcire		Vėsimo		Hlađenje						
	Energieeffizienzklasse	Classe di efficienza energetica		Energiklass		Klasa energetyczna		Energiatõhususe								

PRODUCT INFORMATION (*)				
ROOM AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	MSZ-EF50VGK2W / MSZ-EF50VGK2B / MSZ-EF50VGK2S MUZ-EF50VG2		
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}	5.0	kW	
heating/Average	P _{designh}	4.2	kW	
heating/Warmer	P _{designh}	2.3	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}	5.0	kW	
T _j =30°C	P _{dc}	3.7	kW	
T _j =25°C	P _{dc}	2.4	kW	
T _j =20°C	P _{dc}	1.5	kW	
Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T _j				
T _j =7°C	P _{dh}	3.8	kW	
T _j =2°C	P _{dh}	2.3	kW	
T _j =7°C	P _{dh}	1.5	kW	
T _j =12°C	P _{dh}	1.0	kW	
T _j =bivalent temperature	P _{dh}	4.2	kW	
T _j =operating limit	P _{dh}	3.5	kW	
Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T _j				
T _j =2°C	P _{dh}	2.3	kW	
T _j =7°C	P _{dh}	1.5	kW	
T _j =12°C	P _{dh}	1.0	kW	
T _j =bivalent temperature	P _{dh}	2.3	kW	
T _j =operating limit	P _{dh}	3.5	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 _{cyc}	x	kW	
for heating	P _{cyc}	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			
Contact details for obtaining more information				
Name and address of the manufacturer or of its authorized representative.				
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	
Seasonal efficiency				
cooling	SEER	7.5	-	
heating/Average	SCOP/A	4.5	-	
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	3.3	-	
T _j =30°C	EERd	5.3	-	
T _j =25°C	EERd	8.5	-	
T _j =20°C	EERd	16.5	-	
Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T _j				
T _j =7°C	COPd	2.8	-	
T _j =2°C	COPd	4.6	-	
T _j =7°C	COPd	5.8	-	
T _j =12°C	COPd	6.0	-	
T _j =bivalent temperature	COPd	2.5	-	
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	4.6	-	
T _j =7°C	COPd	5.8	-	
T _j =12°C	COPd	6.0	-	
T _j =bivalent temperature	COPd	4.6	-	
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}	-15	°C	
heating/Warmer	T _{ol}	-15	°C	
heating/Colder	T _{ol}	x	°C	
Cycling interval efficiency				
for cooling	EER _{cyc}	x	-	
for heating	COP _{cyc}	x	-	
Degradation co-efficient heating	C _{dh}	0.25	-	
Annual electricity consumption				
cooling	Q _{ce}	233	kWh/a	
heating/Average	Q _{he}	1303	kWh/a	
heating/Warmer	Q _{he}	590	kWh/a	
heating/Colder	Q _{he}	x	kWh/a	
Other items				
Sound power level (indoor/outdoor)	L _{xa}	60/65	dB (A)	
Global warming potential	GWP	675	kgCO ₂ eq.	
Rated air flow (indoor/outdoor)	-	714/2412	m ³ /h	

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

TECHNICAL DOCUMENTATION (1)			
ROOM AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	MSZ-EF50VGK2W / MSZ-EF50VGK2B / MSZ-EF50VGK2S MUZ-EF50VG2	299H*885W*195D (mm) 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	675	kgCO ₂ eq.
identification and signature of the person empowered to bind the supplier	 Kunihiro Morishita 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. 626/2011, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.