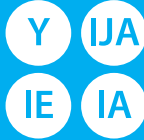




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Model Indoor unit
Outdoor unit

MSZ-EF42VG
MUZ-EF42VG

SEER

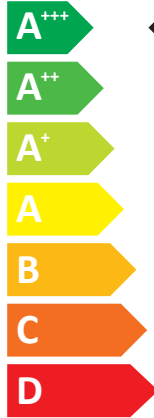


kW 4,2

SEER 7,9

kWh/annum 186

SCOP



kW 2,1

SCOP 6,0

kWh/annum 489

3,8

4,6

1151

X

X

X



60dB



62dB



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626/2011

JG79J267H01

JG79Y483H02



Model	Indoor unit	MSZ-EF25VGW MSZ-EF25VGS MSZ-EF25VGB		MSZ-EF25VGKW MSZ-EF25VGS MSZ-EF25VGB		MSZ-EF35VGW MSZ-EF35VGS MSZ-EF35VGB		MSZ-EF35VGKW MSZ-EF35VGS MSZ-EF35VGB		MSZ-EF42VGW MSZ-EF42VGS MSZ-EF42VGB		MSZ-EF42VGKW MSZ-EF42VGS MSZ-EF42VGB		MSZ-EF50VGW MSZ-EF50VGS MSZ-EF50VGB		MSZ-EF50VGKW MSZ-EF50VGS MSZ-EF50VGB		MSZ-EF25VGW MSZ-EF25VGS MSZ-EF25VGB		MSZ-EF25VGKW MSZ-EF25VGS MSZ-EF25VGB		MSZ-EF35VGW MSZ-EF35VGS MSZ-EF35VGB		MSZ-EF35VGKW MSZ-EF35VGS MSZ-EF35VGB		
		Outdoor unit	MUZ-EF25VGH				MUZ-EF35VGH				MUZ-EF42VGH				MUZ-EF50VGH											
Sound power levels on cooling mode	Inside	dB	60				60				60				60											
	Outside	dB	58				62				62				65											
Refrigerant		R32 GWP 550 *1*3																								
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			
Heating (Average/ Warmer season)	Design load	kw	2,5				3,5				4,2				5,0				2,5				3,5			
	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+++			
De-clared capacity	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			
	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)			
Back up heating capacity	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)			
	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)				

Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
Français	Ελληνικά	Česky	Slovensko	Gaeilge	Suomi	Norsk
Nederlands	Português	Slovensky	Словенский	Latviski	Türkçe	Українська
Español	Dansk	Magyar	Романська	Lietuvių k.	Hrvatski	
Modell	Modello	Modell	Model	Mudel	Mudell	Модель
Modèle	Μοντέλο	Model	Model	Déanamh	Malli	Модель
Model	Modelo	Model	Model	Modelis	Model	Модель
Modelo	Model	Modell	Model	Modelis	Model	Модель
Innengerät	Unità interna	Inomhusenhet	Jednostka wewnętrzna	Sisesead	Unità għal ġewwa	Внутренний прибор
Appareil intérieur	Εσωτερική μονάδα	Vnitřní jednotka	Notranja enota	Aonad laistigh	Sisäyksikkö	Innendørsenhet
Binnenunit	Unidade interior	Vnútomá jednotka	Вътрешно тяло	Iekšējais ierīce	Iç ünite	Внутрішній блок
Unidad interior	Indendørsenhet	Beltéri egység	Unitate de interior	Patalpoje montuojamas įrenginys	Unutarnja jedinica	
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	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 moczy 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	Úrovň hlúčnosti v režimu chlazení	Ravni zvočne moči v načinu hlajenja	Leibhail chumhachta fauime ar mhodh fuairithe	Äänvoimakkuusarvot viilennystilassa	Lydtrykknivåer i avkjølingsmodus
Geluidsniveaus in koelstand	Níveis de potência sonora em modo de arrefecimento	Hladiny akustického výkonu v režime chladienia	Нива на звуковата мощност в режим на охлаждане	Akustiskās jaudas līmenis dzesēšanas režīmā	Soğutma modunda ses güç düzeyleri	Рівні звукової потужності у режимі охолодження
Niveles de potencia del sonido en el modo de refrigeración	Lydstyrkeniveauer i kølefunktion	Hangnyomásszintek hűtés üzemmódban	Režim sonor în modul de răcire	Garso galios lygis vėsimo režimu	Razine zvučnog tlaka pri hlađenju	
Innen	Interno	Insida	Wewnařz	Sees	Ġewwa	Внутри
À l'intérieur	Εσωτερικό	Uvnitř	Znotraj	Laistigh	Sisäpuoli	Innvendig
Binnenkant	Interior	Vo vnútri	Вътре	Iekšējais	Iç taraf	Усередині
Interior	Indvendig	Bent	Interior	Vidinis	Unutra	
Außen	Esterno	Utsida	Na zewnařz	Väljas	Barra	Снаружи
À l'extérieur	Εξωτερικό	Venku	Zunaj	Lasmuigh	Ulkoapuoli	Utvendig
Buitenkant	Exterior	Vonku	На открито	Ārtelpā	Diş taraf	Назовні
Exterior	Udvendig	A szabadban	Exterior	Išorinis	Vani	
Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Kūlmutusagens	Refrigerant	Хладагент
Réfrigérant	Ψυκτικό	Chladivo	Hladino sredstvo	Cuisineán	Kylmäaine	Κυψελόμειον
Koelmiddel	Refrigerante	Chladivo	Хладилен агент	Aukstumagents	Soğutucu	Холодоагент
Refrigerante	Kølemiddel	Hűtőközeg	Refrigerent	Saldalas	Rashladno sredstvo	

PRODUCT INFORMATION (*)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-EF42VGW / MSZ-EF42VGS / MSZ-EF42VGB
	OUTDOOR MODEL	MSZ-EF42VGKW / MSZ-EF42VGKS / MSZ-EF42VGKB MUZ-EF42VG

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	P _{designc}	4.2	kW
heating/Average	P _{designh}	3.8	kW
heating/Warmer	P _{designh}	2.1	kW
heating/Colder	P _{designh}	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	7.9	-
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 T _j			
T _j =35°C	P _{dc}	4.2	kW
T _j =30°C	P _{dc}	3.3	kW
T _j =25°C	P _{dc}	2.0	kW
T _j =20°C	P _{dc}	1.1	kW

Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T _j			
T _j =35°C	EER _d	3.5	-
T _j =30°C	EER _d	5.3	-
T _j =25°C	EER _d	9.2	-
T _j =20°C	EER _d	17.8	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =-7°C	P _{dh}	3.4	kW
T _j =2°C	P _{dh}	2.1	kW
T _j =7°C	P _{dh}	1.4	kW
T _j =12°C	P _{dh}	0.9	kW
T _j =bivalent temperature	P _{dh}	3.8	kW
T _j =operating limit	P _{dh}	3.4	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =-7°C	COP _d	3.0	-
T _j =2°C	COP _d	4.5	-
T _j =7°C	COP _d	6.0	-
T _j =12°C	COP _d	7.1	-
T _j =bivalent temperature	COP _d	2.9	-
T _j =operating limit	COP _d	2.1	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =2°C	P _{dh}	2.1	kW
T _j =7°C	P _{dh}	1.4	kW
T _j =12°C	P _{dh}	0.9	kW
T _j =bivalent temperature	P _{dh}	2.1	kW
T _j =operating limit	P _{dh}	3.4	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =2°C	COP _d	4.5	-
T _j =7°C	COP _d	6.0	-
T _j =12°C	COP _d	7.1	-
T _j =bivalent temperature	COP _d	4.5	-
T _j =operating limit	COP _d	2.1	-

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

Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =-7°C	COP _d	x	-
T _j =2°C	COP _d	x	-
T _j =7°C	COP _d	x	-
T _j =12°C	COP _d	x	-
T _j =bivalent temperature	COP _d	x	-
T _j =operating limit	COP _d	x	-
T _j =-15°C	COP _d	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}	-15	°C
heating/Warmer	T _{ol}	-15	°C
heating/Colder	T _{ol}	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	-

Cycling interval efficiency			
for cooling	EER _{cycc}	x	-
for heating	COP _{cyh}	x	-
Degradation co-efficient heating	C _{dh}	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}	186	kWh/a
heating/Average	Q _{HE}	1151	kWh/a
heating/Warmer	Q _{HE}	489	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}	60/62	dB(A)
Global warming potential	GWP	550	kgCO ₂ eq.
Rated air flow (indoor/outdoor)	-	672/1920	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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(*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

TECHNICAL DOCUMENTATION (1)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-EF42VGW / MSZ-EF42VGS / MSZ-EF42VGB	299H*885W*195D (mm)
	OUTDOOR MODEL	MSZ-FF42V/GKW / MSZ-FF42V/GKS / MUZ-EF42VG	550H*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	7.9	-
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)	L _{WA}	60/62	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP	550	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier	
	Akira Hidaka 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 14825:2016: Testing and rating at part load conditions and calculation of seasonal performance.