



Model	Indoor unit		MSZ-AP25VG MSZ-AP25VGK		MSZ-AP35VG MSZ-AP35VGK		MSZ-AP42VG MSZ-AP42VGK		MSZ-AP50VG MSZ-AP50VGK				
	Outdoor unit		MUZ-AP25VG	MUZ-AP25VGH	MUZ-AP35VG	MUZ-AP35VGH	MUZ-AP42VG	MUZ-AP42VGH	MUZ-AP50VG	MUZ-AP50VGH			
	Inside	dB	57	57	57	57	57	57	58	58			
Sound power levels on cooling mode	Outside	dB	59	59	61	61	61	61	64	64			
	Refrigerant R32 GWP 675 *1												
Cooling	SEER		8,6	8,6	8,6	8,6	7,8	7,8	7,4	7,4			
	Energy efficiency class		A+++	A+++	A+++	A+++	A++	A++	A++	A++			
	Annual electricity consumption *2 kWh/a		101	101	142	142	188	188	236	236			
Heating (Average / Warmer / season)	Design load kw		2,5	2,5	3,5	3,5	4,2	4,2	5,0	5,0			
	SCOP		4,8 / 5,8	4,7 / 5,8	4,7 / 5,9	4,6 / 5,9	4,7 / 5,9	4,6 / 5,9	4,7 / 5,9	4,6 / 5,9			
	Annual electricity consumption *2 kWh/a		698 / 310	703 / 310	862 / 377	873 / 377	1120 / 491	1134 / 491	1250 / 543	1275 / 543			
De-cleared capacity	at reference design temperature	at bivalent temperature	at operation limit 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)	3,8(-10°C) / 2,1(2°C)	4,2(-10°C) / 4,2(2°C)	4,2(-10°C) / 4,2(2°C)
				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)	3,8(-10°C) / 2,1(2°C)	4,2(-10°C) / 4,2(2°C)	4,2(-10°C) / 4,2(2°C)
				kw		2,4(-15°C) / 2,4(-15°C)	2,2(-20°C) / 2,2(-20°C)	2,6(-15°C) / 2,6(-15°C)	2,4(-20°C) / 2,4(-20°C)	4,2(-15°C) / 4,2(-15°C)	3,8(-20°C) / 3,8(-20°C)	4,7(-15°C) / 4,7(-15°C)	4,2(-20°C) / 4,2(-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)	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	
Modell	Modello	Modell	Model	Mudel	Mudell	Модель
Modèle	Μοντέλο	Model	Model	Déanamh	Malli	Модель
Model	Modelo	Model	Model	Modelis	Model	Модель
Modelo	Model	Modell	Modelis	Model	Model	Модель
Innengerät	Unità interna	Inomhusenhet	Jednostka wewnętrzna	Sisesaade	Unità għal ġewwa	Внутренний прибор
Appareil intérieur	Εσωτερική μονάδα	Vnitřní jednotka	Notranja enota	Aonad laistigh	Sisäyksikkö	Innendørsenhet
Binnenunit	Unidade interior	Vnúťová jednotka	Вътрешно тяло	Iekšējai ierīce	İç 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	Buller nivå i nedkylningsläget	Poziom moczy dźwięku w trybie chłodzenia	Müratasemed jahutusrežiimis	Livelli tal-qawwa tal-hsejjes fil-modalità tat-kessih	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 hlajenje	Leibhèil chumhachta fauime ar mhodh fuairithe	Äänvoimakkuustasot viilennystilassa	Lydtrykknivåer i avkølingsmodus
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 üzem-módban	Level 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
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 открито	Ārtelpā	Diş taraf	Назовні
Exterior	Udvendig	A szabadban	Exterior	Išorinis	Vani	
Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Külmutusagens	Refrigerant	Хладагент
Réfrigérant	Ψυκτικό	Chladivo	Hladivo sredstvo	Cuiseán	Kylmäaine	Кjølemedium
Koelmiddel	Refrigerante	Chladivo	Хладилен агент	Aukstumaģents	Soğutucu	Холодоагент
Refrigerante	Kølemiddel	Hűtőközeg	Refrigerent	Saldalas	Rashladno sredstvo	

PRODUCT INFORMATION (¹)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-AP25VG / MSZ-AP25VGK
	OUTDOOR MODEL	MUZ-AP25VG

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	2.5	kW
heating/Average	Pdesignh	2.4	kW
heating/Warmer	Pdesignh	1.3	kW
heating/Colder	Pdesignh	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	8.6	-
heating/Average	SCOP/A	4.8	-
heating/Warmer	SCOP/W	5.8	-
heating/Colder	SCOP/C	x	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	2.5	kW
Tj=30°C	Pdc	1.9	kW
Tj=25°C	Pdc	1.2	kW
Tj=20°C	Pdc	0.9	kW

Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature Tj			
Tj=35°C	EERd	4.2	-
Tj=30°C	EERd	6.7	-
Tj=25°C	EERd	11.0	-
Tj=20°C	EERd	14.0	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	2.2	kW
Tj=2°C	Pdh	1.3	kW
Tj=7°C	Pdh	0.9	kW
Tj=12°C	Pdh	0.7	kW
Tj=bivalent temperature	Pdh	2.4	kW
Tj=operating limit	Pdh	2.4	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	3.1	-
Tj=2°C	COPd	4.8	-
Tj=7°C	COPd	6.2	-
Tj=12°C	COPd	7.0	-
Tj=bivalent temperature	COPd	2.8	-
Tj=operating limit	COPd	2.6	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	1.3	kW
Tj=7°C	Pdh	0.9	kW
Tj=12°C	Pdh	0.7	kW
Tj=bivalent temperature	Pdh	1.3	kW
Tj=operating limit	Pdh	2.4	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	COPd	4.8	-
Tj=7°C	COPd	6.2	-
Tj=12°C	COPd	7.0	-
Tj=bivalent temperature	COPd	4.8	-
Tj=operating limit	COPd	2.6	-

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}	101	kWh/a
heating/Average	Q _{HE}	698	kWh/a
heating/Warmer	Q _{HE}	310	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}	57/59	dB(A)
Global warming potential	GWP (²)	675	kgCO ₂ eq.
Rated air flow (indoor/outdoor)	-	684/1788	m³/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-AP25VG / MSZ-AP25VGK	299H*798W*219D (mm)
	OUTDOOR MODEL	MUZ-AP25VG	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	8.6	-
heating/Average	SCOP/A	4.8	-
heating/Warmer	SCOP/W	5.8	-
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}	57/59	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP ⁽³⁾	675	kgCO ₂ eq.
identification and signature of the person empowered to bind the supplier	 Kenichi Saito Department Manager, Quality Assurance Department Mitsubishi Electric Air Conditioning Systems Manufacturing Turkey Joint Stock Company		

(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.