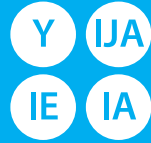




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Model Indoor unit **MSZ-AP42VG**
Outdoor unit **MUZ-AP42VGH**

SEER



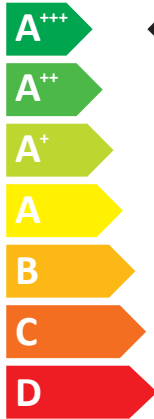
A⁺⁺

kW 4,2

SEER 7,8

kWh/annum 188

SCOP



A⁺⁺⁺

A⁺⁺

kW 2,1

SCOP 5,9

kWh/annum 491

3,8 X

4,6 X

1134 X



57dB



61dB



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626/2011

JG79B916H01

JG79Y324H02



A Model	B Indoor unit	MSZ-AP25VG MSZ-AP25VGK		MSZ-AP35VG MSZ-AP35VGK		MSZ-AP42VG MSZ-AP42VGK		MSZ-AP50VG MSZ-AP50VGK			
		C Outdoor unit	MUZ-AP25VGH	MUZ-AP25VGH	MUZ-AP35VGH	MUZ-AP35VGH	MUZ-AP42VGH	MUZ-AP42VGH	MUZ-AP50VGH	MUZ-AP50VGH	
D Sound power levels on cooling mode	E Inside	dB	57	57	57	57	57	57	58	58	
	F Out-side	dB	59	59	61	61	61	61	64	64	
G Refrigerant	R32 GWP 550 *1*3										
H 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	
	Design load kw		2,5	2,5	3,5	3,5	4,2	4,2	5,0	5,0	
M Heating (Average / Warmer / season)	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	
	Energy efficiency class		A++ / A+++	A++ / A+++	A++ / A+++	A++ / A+++	A++ / A+++	A++ / A+++	A++ / A+++	A++ / A+++	
	Annual electricity consumption *2 kWh/a		698 / 310	703 / 310	862 / 377	873 / 377	1120 / 491	1134 / 491	1250 / 543	1275 / 543	
	Design load kw		2,4 / 1,3	2,4 / 1,3	2,9 / 1,6	2,9 / 1,6	3,8 / 2,1	3,8 / 2,1	4,2 / 2,3	4,2 / 2,3	
	N De-clared capacity	P 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)	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)
	N De-clared capacity	Q 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)	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)
N De-clared capacity	R at operation limit temperature	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	Slovensko	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
	Model	Modelo	Model	Model	Modelis	Model	Модель
	Modelo	Model	Modell	Modelis	Model	Model	
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	Vnúťová jednotka	Вътрешно тяло	Iekšējai ierīce	İç ünite	Внутрішній блок
	Unidad interior	Indendørsenhet	Beltéri egység	Unitate de interior	Patalpoje montuojamas įrenginys	Unutarnja 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	Udendørsenhet	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 hlukosti v režimu chlazení	Ravni zvočne moči v načinu hlajenje	Leibhèil chumhachta fauime ar mhodh fuairithe	Äänvoimakkuustasot 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	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	Nivel sonor în modul de răcire	Garso galios lygis vėsimo režimu	Razine zvučnog tlaka pri hlađenju	
E	Innen	Interno	Insida	Wewnażrz	Sees	Ġewwa	Внутри
	À l'intérieur	Εσωτερικό	Uvnitř	Znotraj	Laistigh	Sisäpuoli	Innvendig
	Binnenkant	Interior	Vo vnútri	Вътре	Iekšējais	İç taraf	Усередині
	Interior	Indvendig	Bent	Interior	Vidinis	Unutra	
F	Außen	Esterno	Utsida	Na zewnątrz	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	
G	Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Kūlmutusagens	Refrigerant	Хладагент
	Réfrigérant	Ψυκτικό	Chladivo	Hladivo sredstvo	Cuisneán	Kylmäaine	Kjølemedium
	Koelmiddel	Refrigerante	Chladivo	Хладилен агент	Aukstumagents	Soğutucu	Холодоагент
	Refrigerante	Kølemiddel	Hűtőközeg	Refrigerent	Saldalas	Rashladno sredstvo	

PRODUCT INFORMATION (*)

ROOM AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	MSZ-AP42VG / MSZ-AP42VGK MUZ-AP42VGH
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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	7.8	-
heating/Average	SCOP/A	4.6	-
heating/Warmer	SCOP/W	5.9	-
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}	3.1	kW
T _j =25°C	P _{dc}	1.9	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	EERd	3.3	-
T _j =30°C	EERd	5.3	-
T _j =25°C	EERd	9.6	-
T _j =20°C	EERd	15.9	-

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}	1.3	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}	3.8	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T_j			
T _j =-7°C	COPd	2.9	-
T _j =2°C	COPd	4.6	-
T _j =7°C	COPd	6.4	-
T _j =12°C	COPd	6.7	-
T _j =bivalent temperature	COPd	2.7	-
T _j =operating limit	COPd	2.2	-

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}	1.3	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}	3.8	kW

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	6.4	-
T _j =12°C	COPd	6.7	-
T _j =bivalent temperature	COPd	4.6	-
T _j =operating limit	COPd	2.2	-

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	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	-

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 co-efficient cooling	C _{dc}	0.25	-

Cycling interval efficiency			
for cooling	EER _{cycc}	x	-
for heating	COP _{cyhc}	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}	188	kWh/a
heating/Average	Q _{HE}	1134	kWh/a
heating/Warmer	Q _{HE}	491	kWh/a
heating/Colder	Q _{HE}	-	kWh/a

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

Other items			
Sound power level (indoor/outdoor)	L _{WA}	57/61	dB(A)
Global warming potential	GWP	550	kgCO ₂ eq.
Rated air flow (indoor/outdoor)	-	684/1962	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-AP42VG / MSZ-AP42VGK	299H*798W*219D (mm)
	OUTDOOR MODEL	MUZ-AP42VGH	550H*800W*285D (mm)

Function	
cooling	Y
heating	Y


The heating season	
Average (mandatory)	Y
Warmer (if designated)	Y
Colder (if designated)	Y

Capacity control	
fixed	N
staged	N
variable	Y

Item	symbol	value	unit
Seasonal efficiency (2)			
cooling	SEER	7.8	-
heating/Average	SCOP/A	4.6	-
heating/Warmer	SCOP/W	5.9	-
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}	57/61	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP	550	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier	
	Selin Domekeli Chief, Quality Assurance Department Mitsubishi Electric Air Conditioning Systems Manufacturing Turkey Joint Stock Company

(1) This information is based on COMMISSION DELEGATED REGULATION (EU)No626/2011.

(2) SEER/SCOP values are measured based on FprEN 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance.