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IA



Model

Indoor unit
Outdoor unit

MSZ-AP35VG
MUZ-AP35VGH

SEER



A+++

A+++

A++

A+

A

B

C

D

kW 3,5

SEER 8,6

kWh/annum 142

SCOP



A+++

A+++

A++

A++

A+

A

B

C

D

kW

1,6

2,9

X

SCOP

5,9

4,6

X

kWh/annum

377

873

X



57dB



61dB



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

626/2011

JG79B909H01

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-AP25VG	MUZ-AP25VGH	MUZ-AP35VG	MUZ-AP35VGH	MUZ-AP42VG	MUZ-AP42VGH	MUZ-AP50VG	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-cleared 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-cleared 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)
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)	0,0(-10°C) / 0,0(2°C)	0,0(-10°C) / 0,0(2°C)	

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
A	Modell	Modello	Modell	Model	Mudel	Mudell	Модель
B	Innengerät	Unità interna	Inomhusenhet	Jednostka wewnętrzna	Siseseade	Unità għal ġewwa	Внутренний прибор
C	Außengerät	Unità esterna	Utomhusenhet	Jednostka zewnętrzna	Välisseade	Unità għal barra	Наружный прибор
D	Schalleistungspegel im Kühlmodus	Livelli di potenza sonora in modalità di raffreddamento	Bullnerväri 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
E	Innen	Interno	Insida	Wewnażrz	Sees	Ġewwa	Внутри
F	Außen	Esterno	Utsida	Na zewnażrz	Väljas	Barra	Снаружи
G	Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Külmutusagens	Refrigerant	Хладагент
H	Kühlen	Raffreddamento	Kyla	Chłodzenie	Jahutus	Tkessih	Охлаждение
I	Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatõhususe klass	Klassi tal-effiċjenza fl-użu tal-enerġija	Класс эффективности использования энергии
J	Jahresstromverbrauch *2	Consumo annuale di energia elettrica *2	Årlig strömförbrukning *2	Zużycie prądu w skali roku *2	Aastane voolutarbimus *2	Konsum annwali tal-elettriku *2	Годовое потребление электроэнергии *2
K	Consumation d'électricité annuelle *2	Ετήσια κατανάλωση ρεύματος *2	Roční spotřeba elektrické energie *2	Letna poraba elektrike *2	Ídiú leictrachais bhliantúil *2	Vuotuinen sähkökulutus *2	Årlig strömförbruk *2
L	Lastauslegung	Carico nominale	Dimensionerande belastning	Maksymalne obciążenie	Projekteeritud koormus	Tagħbija tad-disinn	Расчетная нагрузка
M	Chauffage (moyenne saison / saison chaude)	Θέρμανση (Εποχή με μέσες / υψηλότερες θερμοκρασίες)	Topeni (průměrná/teplá sezóna)	Ogrevanje (Povprečni/toplejši letni čas)	Téamh (Séasúr Meánach / Níos teo)	Lämmitys (Normaali / Lämpimämpi kausi)	Oppvarming (gjennomsnittlig / varmere årstid)
N	Capacité déclarée	Δηλωμένη χωρητικότητα	Udåvnad kapacitet	Prijava zmožljivost	Toileadh fógartha	Ilmoitettu teho	Erklært kapasitet
O	bei angegebener Referenztemperatur	alla temperatura di progetto di riferimento	vid dimensionerande referenstempertur	w znamionowej temperaturze odniesienia	projekteerimise võrdlustemperatuur juures	f'temperatura tad-disinn ta' referenza	при эталонной расчетной температуре
P	à la température de calcul de référence	σε θερμοκρασία σχεδιασμού αναφοράς	při referenční výpočtové teplotě	ob referenčni nazivni temperaturi	ag teocht deartha tagartha	perusmitoitustämpötilassa	ved referansetemperatur for utforming
Q	bij referentieontwerptemperatuur	à temperatura nominal de referència	pri referenčnej výpočtovej teplote	pri izračunljivi projektni temperaturi	aprëkijna references temperaturã	referans tasarim sicaqliginda	При эталонной расчетной температуре
R	à température bivalente	à temperatura bivalente	vid bivalent temperatur	w temperaturze bivalentnej	bivalentse temperatuur juures	f'temperatura bivalenti	при бивалентной температуре
S	bei Temperatur an der Betriebsgrenze	alla temperatura limite di funzionamento	vid driftstemperatrens gränsvärde	w granicznej temperaturze roboczej	tõotamise piirtemperatuur juures	f'temperatura tal-limitu tat-thaddim	при предельной рабочей температуре
T	Backup-Heizleistung	Capacità di riscaldamento addizionale	Kapacitet för reservvärme	Zapasaowa pojemność grzewcza	Tagavara küttevoimsus	Kapacità tat-tishin ta' sostenn	Резервная тепловая мощность

PRODUCT INFORMATION (*)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-AP35VG / MSZ-AP35VGK
	OUTDOOR MODEL	MUZ-AP35VGH

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}	3.5	kW
heating/Average	P _{designh}	2.9	kW
heating/Warmer	P _{designh}	1.6	kW
heating/Colder	P _{designh}	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	8.6	-
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}	3.5	kW
T _j =30°C	P _{dc}	2.6	kW
T _j =25°C	P _{dc}	1.7	kW
T _j =20°C	P _{dc}	0.9	kW

Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T_j			
T _j =35°C	EERd	3.6	-
T _j =30°C	EERd	5.8	-
T _j =25°C	EERd	11.0	-
T _j =20°C	EERd	17.0	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T_j			
T _j =-7°C	P _{dh}	2.6	kW
T _j =2°C	P _{dh}	1.6	kW
T _j =7°C	P _{dh}	1.0	kW
T _j =12°C	P _{dh}	0.7	kW
T _j =bivalent temperature	P _{dh}	2.9	kW
T _j =operating limit	P _{dh}	2.4	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T_j			
T _j =-7°C	COPd	3.0	-
T _j =2°C	COPd	4.5	-
T _j =7°C	COPd	6.3	-
T _j =12°C	COPd	6.8	-
T _j =bivalent temperature	COPd	2.7	-
T _j =operating limit	COPd	2.3	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T_j			
T _j =2°C	P _{dh}	1.6	kW
T _j =7°C	P _{dh}	1.0	kW
T _j =12°C	P _{dh}	0.7	kW
T _j =bivalent temperature	P _{dh}	1.6	kW
T _j =operating limit	P _{dh}	2.4	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T_j			
T _j =2°C	COPd	4.5	-
T _j =7°C	COPd	6.3	-
T _j =12°C	COPd	6.8	-
T _j =bivalent temperature	COPd	4.5	-
T _j =operating limit	COPd	2.3	-

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}	142	kWh/a
heating/Average	Q _{HE}	873	kWh/a
heating/Warmer	Q _{HE}	377	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)	-	684/2028	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-AP35VG / MSZ-AP35VGK	299H*798W*219D (mm)
	OUTDOOR MODEL	MUZ-AP35VGH	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	8.6	-
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.