



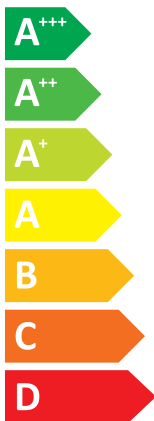
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Model Indoor unit **MSZ-AP60VG**
Outdoor unit **MUZ-AP60VG**

SEER



A⁺⁺

kW **6,1**

SEER **7,4**

kWh/annum **288**

SCOP



A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺⁺

A⁺

A

B

C

D

kW **2,5** **4,6** X

SCOP **5,5** **4,6** X

kWh/annum **627** **1398** X



65dB



69dB



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626/2011

JG79J364H01

JG79Y526H01



A Model	B Indoor unit	MSZ-AP60VG MSZ-AP60VGK		MSZ-AP71VG MSZ-AP71VGK		
		C Outdoor unit	MUZ-AP60VG	MUZ-AP71VG	MUZ-AP71VG	
D Sound power levels on cooling mode	E Inside	dB	65	65		
	F Out-side	dB	69	69		
G Refrigerant	R32 GWP 550 *1					
H Cooling	SEER		7,4	7,2		
	Energy efficiency class		A++	A++		
	Annual electricity consumption *2		kWh/a	288	345	
	Design load		kw	6,1	7,1	
M Heating (Average / Warmer / season)	SCOP		4,6 / 5,5	4,4 / 5,8		
	Energy efficiency class		A++ / A+++	A+ / A+++		
	Annual electricity consumption *2		kWh/a	1398 / 627	2132 / 891	
	Design load		kw	4,6 / 2,5	6,7 / 3,7	
	N Declared capacity	P at reference design temperature	kw	4,6 (-10°C)/2,5(2°C)	6,7 (-10°C)/3,7(2°C)	
		R at bivalent temperature	kw	4,6 (-10°C)/2,5(2°C)	6,7 (-10°C)/3,7(2°C)	
		S at operation limit temperature	kw	3,7 (-15°C)/3,7 (-15°C)	5,4 (-15°C)/5,4 (-15°C)	
	T Back up heating capacity	kw	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	Sisesaad	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	Bullernivå i nedkylningsläget	Poziom mocy dźwięku w trybie chłodzenia	Müratasemed jahutusrežiimis	Livelli tal-qawwa tal-hsejjes fil-modalità tat-tkessiħ	Значения уровня звуковой мощности в режиме охлаждения
E	Innen	Interno	Insida	Wewnętrzny	Sees	Ġewwa	Внутри
F	Außen	Esterno	Utsida	Na zewnątrz	Väljas	Barra	Снаружи
G	Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Külmutusagens	Refrigerant	Хладагент

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
H	Kühlen	Raffreddamento	Kyla	Chłodzenie	Jahutus	Tkessiħ	Охлаждение
J	Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatõhususe klass	Klassi tal-effiċjenza fl-użu tal-enerġija	Класс эффективности использования энергии
K	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
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)	Ogrzewanie (Sezon umiarkowany/ciepły)	Kütmine (keskmise/soojaperiood)	Tishin (Staġun Medju / Aktar Shun)	Нагрев (средний/теплый сезон)
N	Capacité déclarée	Δηλωμένη χωρητικότητα	Udåvnad kapacitet	Deklarowana pojemność	Deklareritud võimsus	Kapaċità ddiċċjarata	Гарантированная мощность
P	bei angegebener Referenztemperatur	alla temperatura di progetto di riferimento	vid dimensionerande referenstemperatur	w znamionowej temperaturze odniesienia	projekteerimise võrdlustemperatuur juures	f'temperatura tad-disinn ta' referenza	при эталонной расчетной температуре
R	à température bivalente	σε θερμοκρασία διθενοῦς λειτουργίας	při referenční výpočtové teplotě	ob referenční nazivní temperaturi	ag teocht deartha tagartha	perusmitoitustämpõtilassa	ved referansetemperatur for utforming
S	bei Temperatur an der Betriebsgrenze	alla temperatura limite di funzionamento	vid driftstemperatrens gränsvärde	w granicznej temperaturze roboczej	tõötamise piirtemperatuur juures	f'temperatura tal-limitu tat-thaddim	при предельной рабочей температуре
T	Backup-Heizleistung	Capacità di riscaldamento addizionale	Kapacitet för reservvärme	Zapasowa pojemność grzewcza	Tagavara küttevoimsus	Kapaċità tat-tishin ta' sostenn	Резервная тепловая мощность

PRODUCT INFORMATION (*)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-AP60VG / MSZ-AP60VGK
	OUTDOOR MODEL	MUZ-AP60VG

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}	6.1	kW
heating/Average	P _{designh}	4.6	kW
heating/Warmer	P _{designh}	2.5	kW
heating/Colder	P _{designh}	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	7.4	-
heating/Average	SCOP/A	4.6	-
heating/Warmer	SCOP/W	5.5	-
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}	6.1	kW
T _j =30°C	P _{dc}	4.5	kW
T _j =25°C	P _{dc}	2.9	kW
T _j =20°C	P _{dc}	1.3	kW

Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T _j			
T _j =35°C	EERd	3.9	-
T _j =30°C	EERd	5.6	-
T _j =25°C	EERd	9.1	-
T _j =20°C	EERd	10.3	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =-7°C	P _{dh}	4.1	kW
T _j =2°C	P _{dh}	2.5	kW
T _j =7°C	P _{dh}	1.6	kW
T _j =12°C	P _{dh}	0.8	kW
T _j =bivalent temperature	P _{dh}	4.6	kW
T _j =operating limit	P _{dh}	3.7	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	4.6	-
T _j =7°C	COPd	5.9	-
T _j =12°C	COPd	5.9	-
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}	2.5	kW
T _j =7°C	P _{dh}	1.6	kW
T _j =12°C	P _{dh}	0.8	kW
T _j =bivalent temperature	P _{dh}	2.5	kW
T _j =operating limit	P _{dh}	3.7	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	5.9	-
T _j =12°C	COPd	5.9	-
T _j =bivalent temperature	COPd	4.6	-
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}	-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	W
standby mode	P _{SB}	1	W
thermostat - off mode	P _{TO}	18	W
crankcase heater mode	P _{CK}	0	W

Annual electricity consumption			
cooling	Q _{CE}	288	kWh/a
heating/Average	Q _{HE}	1398	kWh/a
heating/Warmer	Q _{HE}	627	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}	65/69	dB(A)
Global warming potential	GWP	550	kgCO ₂ eq.
Rated air flow (indoor/outdoor)	-	1134/3126	m ³ /h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorized representative.
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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-AP60VG / MSZ-AP60VGK	325H*1100W*257D (mm)
	OUTDOOR MODEL	MUZ-AP60VG	714H*800W*285D (mm)

Function	
cooling	Y
heating	Y

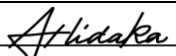
The heating season	
Average (mandatory)	Y
Warmer (if designated)	Y
Colder (if designated)	N

Capacity control	
fixed	N
staged	N
variable	Y

Item	symbol	value	unit
Seasonal efficiency ⁽²⁾			
cooling	SEER	7.4	-
heating/Average	SCOP/A	4.6	-
heating/Warmer	SCOP/W	5.5	-
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}	65/69	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.