

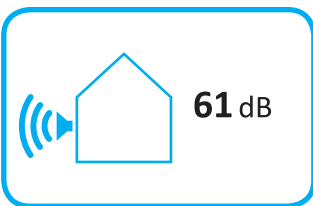
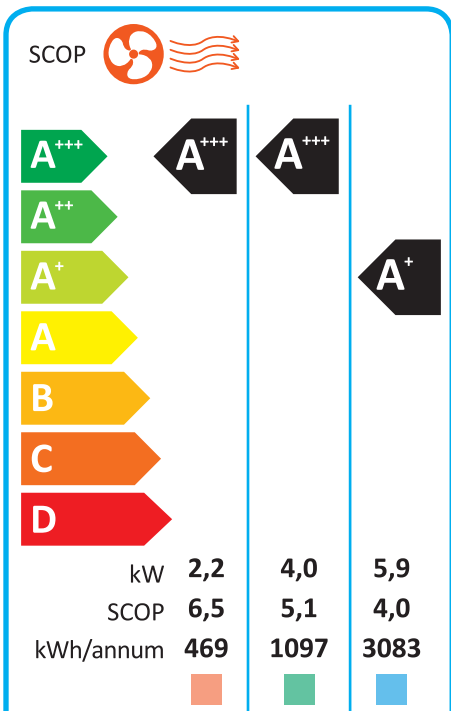
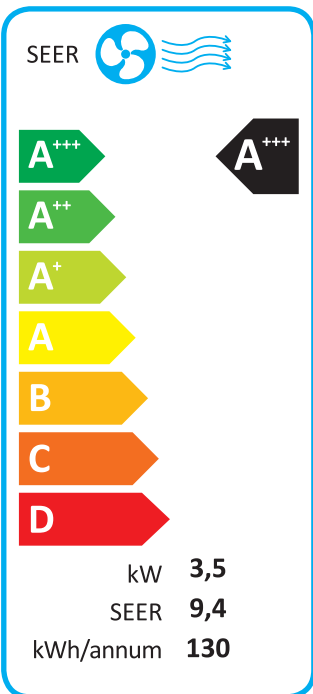


ENERG

енергия · ενεργεια



Model Indoor unit **MSZ-RW35VG**
Outdoor unit **MUZ-RW35VGHZ**



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
626/2011

JG79Y872H01



A Model	B Indoor unit		MSZ-RW25VG	MSZ-RW35VG	MSZ-RW50VG	
	C Outdoor unit		MUZ-RW25VGHZ	MUZ-RW35VGHZ	MUZ-RW50VGHZ	
D Sound power levels on cooling mode	E Inside	dB	58	59	59	
	F Outside	dB	60	61	64	
G Refrigerant R32 GWP 550 *1 *3						
H Cooling	SEER		11.2	9.4	7.6	
	Energy efficiency class		A+++	A+++	A++	
	Annual electricity consumption *2 kWh/a		78	130	230	
M Heating (Average / Warmer / Colder season)	Design load kw		2.5	3.5	5.0	
	SCOP		5.2 / 6.7 / 4.1	5.1 / 6.5 / 4.0	4.6 / 6.4 / 3.5	
	Energy efficiency class		A+++ / A+++ / A+	A+++ / A+++ / A+	A++ / A+++ / A	
	Annual electricity consumption *2 kWh/a		856 / 372 / 2407	1097 / 469 / 3083	1800 / 715 / 5157	
	Design load kw		3.2 / 1.8 / 4.7	4.0 / 2.2 / 5.9	6.0 / 3.3 / 8.8	
	N De-cleared capacity	P at reference design temperature kw		3.2(-10°C)/1.8(2°C)/3.7(-22°C)	4.0(-10°C)/2.2(2°C)/4.0(-22°C)	6.0(-10°C)/3.3(2°C)/5.6(-22°C)
		Q at bivalent temperature kw		3.2(-10°C)/1.8(2°C)/3.2(-10°C)	4.0(-10°C)/2.2(2°C)/4.0(-10°C)	6.0(-10°C)/3.3(2°C)/6.0(-10°C)
S at operation limit temperature kw		2.6(-30°C)/2.6(-30°C)/2.6(-30°C)	2.6(-30°C)/2.6(-30°C)/2.6(-30°C)	4.0(-30°C)/4.0(-30°C)/4.0(-30°C)		
T Back up heating capacity kw		0.0(-10°C)/0.0(2°C)/1.0(-22°C)	0.0(-10°C)/0.0(2°C)/1.9(-22°C)	0.0(-10°C)/0.0(2°C)/3.2(-22°C)		

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
A	Modell	Modello	Modell	Model	Mudel	Mudell	Модель
B	Innengerät	Unità interna	Inomhusenhet	Jednostka wewnętrzna	Sisesead	Unità għal ġewwa	Внутренний прибор
C	Außengerät	Unità esterna	Utomhusenhet	Jednostka zewnętrzna	Välissead	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	Wewnętrz	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	Energi klass	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	Heizung (Durchschnitt / Wärmer / Kälter / Jahreszeit)	Riscaldamento (Stagione media / calda / fredda)	Värme (Genomsnittlig/varmare/kallare årstid)	Ogrzewanie (umiarkowane / ciepłejsze / zimniejsze / sezonowe)	Kütmine (keskmise/soojem/külmem periood)	Tishin (Medju / Aktar shun / Aktar kiesah / stagun)	Нагрев (средний/теплый/холодный сезон)
N	Nennkapazität	Capacità dichiarata	Deklarerad kapacitet	Deklarowana pojemność	Deklareritud võimsus	Kapaċità d'dikjarata	Гарантированная мощность
P	bei angegebener Referenztemperatur	alla temperatura di progetto di riferimento	vid dimensionerande referenstempertatur	w znamionowej temperaturze odniesienia	projekteerimise võrdlustemperatuuri juures	f'temperatura tad-disinn ta' referenza	при эталонной расчетной температуре
Q	à la température de calcul de référence	σε θερμοκρασία σχεδιασμού αναφοράς	při referenční výpočtové teplotě	ob referenční nazivní temperaturi	ag teocht deartha tagartha	perusmitoituslämpötilassa	ved referansetemperatur for utforming
R	à température bivalente	alla temperatura bivalente	vid bivalent temperatur	w temperaturze bivalentnej	bivalentse temperatuuri 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 piirtemperatuuri juures	f'temperatura tal-limitu tat-tħaddim	при предельной рабочей температуре
T	Backup-Heizleistung	Capacità di riscaldamento addizionale	Kapacitet för reservvärme	Zapasowa pojemność grzewcza	Tagavara küttevõimsus	Kapaċità tat-tishin ta' sostenn	Резервная тепловая мощность

PRODUCT INFORMATION (*)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-RW35VG
	OUTDOOR MODEL	MUZ-RW35VGHZ

Function (indicate if present)		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	
cooling	Y	Average (mandatory)	Y
heating	Y	Warmer (if designated)	Y
		Colder (if designated)	Y

Item	symbol	value	unit
Design load			
cooling	Pdesignc	3.5	kW
heating/Average	Pdesignh	4.0	kW
heating/Warmer	Pdesignh	2.2	kW
heating/Colder	Pdesignh	5.9	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	9.4	-
heating/Average	SCOPIA	5.1	-
heating/Warmer	SCOP/W	6.5	-
heating/Colder	SCOP/C	4.0	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	3.5	kW
Tj=30°C	Pdc	2.6	kW
Tj=25°C	Pdc	1.7	kW
Tj=20°C	Pdc	1.3	kW

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	EERd	4.6	-
Tj=30°C	EERd	6.8	-
Tj=25°C	EERd	11.4	-
Tj=20°C	EERd	18.1	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	3.6	kW
Tj=2°C	Pdh	2.2	kW
Tj=7°C	Pdh	1.4	kW
Tj=12°C	Pdh	1.2	kW
Tj=bivalent temperature	Pdh	4.0	kW
Tj=operating limit	Pdh	2.6	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	3.2	-
Tj=2°C	COPd	5.1	-
Tj=7°C	COPd	6.5	-
Tj=12°C	COPd	8.1	-
Tj=bivalent temperature	COPd	2.9	-
Tj=operating limit	COPd	1.8	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	2.2	kW
Tj=7°C	Pdh	1.4	kW
Tj=12°C	Pdh	1.2	kW
Tj=bivalent temperature	Pdh	2.2	kW
Tj=operating limit	Pdh	2.6	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	COPd	5.1	-
Tj=7°C	COPd	6.5	-
Tj=12°C	COPd	8.1	-
Tj=bivalent temperature	COPd	5.1	-
Tj=operating limit	COPd	1.8	-

Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	3.6	kW
Tj=2°C	Pdh	2.2	kW
Tj=7°C	Pdh	1.4	kW
Tj=12°C	Pdh	1.2	kW
Tj=bivalent temperature	Pdh	4.0	kW
Tj=operating limit	Pdh	2.6	kW
Tj=-15°C	Pdh	5.3	kW

Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	3.2	-
Tj=2°C	COPd	5.1	-
Tj=7°C	COPd	6.5	-
Tj=12°C	COPd	8.1	-
Tj=bivalent temperature	COPd	2.9	-
Tj=operating limit	COPd	1.8	-
Tj=-15°C	COPd	2.2	-

Bivalent temperature			
heating/Average	Tbiv	-10	°C
heating/Warmer	Tbiv	2	°C
heating/Colder	Tbiv	-10	°C

Operating limit temperature			
heating/Average	Tol	-30	°C
heating/Warmer	Tol	-30	°C
heating/Colder	Tol	-30	°C

Cycling interval capacity			
for cooling	Pcycc	x	kW
for heating	Pcyh	x	kW
Degradation co-efficient	Cdc	0.25	-

Cycling interval efficiency			
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradation co-efficient	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}	7.0	W
crankcase heater mode	P _{CK}	0.0	W

Annual electricity consumption			
cooling	Q _{CE}	130	kWh/a
heating/Average	Q _{HE}	1097	kWh/a
heating/Warmer	Q _{HE}	469	kWh/a
heating/Colder	Q _{HE}	3083	kWh/a

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

Other items			
Sound power level (indoor/outdoor)	L _{WA}	59/61	dB(A)
Global warming potential	GWP	550	kgCO ₂ eq.
Rated air flow (indoor/outdoor)	-	858/2268	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
--	---

(*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

TECHNICAL DOCUMENTATION (1)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-RW35VG	305H*998W*247D (mm)
	OUTDOOR MODEL	MUZ-RW35VGHZ	714H*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	9.4	-
heating/Average	SCOP/A	5.1	-
heating/Warmer	SCOP/W	6.5	-
heating/Colder	SCOP/C	4.0	-

Energy efficiency class			
cooling	SEER	A+++	-
heating/Average	SCOP/A	A+++	-
heating/Warmer	SCOP/W	A+++	-
heating/Colder	SCOP/C	A+	-

Other items			
Sound power level (indoor/outdoor)	L _{WA}	59/61	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP	550	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier	
	Tadashi Saito 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 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance