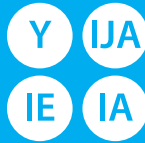




# ENERG

енергия · ενεργεια



Model Indoor unit **MSZ-BT25VG**  
Outdoor unit **MUZ-BT25VG**

SEER



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

A<sup>++</sup>

kW 2,5

SEER 8,1

kWh/annum 108

SCOP



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

A<sup>+++</sup>

A<sup>++</sup>

kW 1,1

1,9

X

SCOP 5,7

4,6

X

kWh/annum 268

577

X



57dB



63dB



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

JG79Y692H02



A Model	B Indoor unit	C Outdoor unit	MSZ-BT20VG	MSZ-BT25VG	MSZ-BT35VG	MSZ-BT50VG	
			MSZ-BT20VGK	MSZ-BT25VGK	MSZ-BT35VGK	MSZ-BT50VGK	
D Sound power levels on cooling mode	E Inside	dB	57	57	60	60	
	F Out-side	dB	63	63	64	64	
G Refrigerant			R32 GWP 550 *1				
H Cooling	SEER		8,1	8,1	6,8	6,6	
	Energy efficiency class		A++	A++	A++	A++	
	Annual electricity consumption *2 kWh/a		86	108	180	265	
	Design load kw		2,0	2,5	3,5	5,0	
M Heating (Average / Warmer / season)	SCOP		4,3 / 5,3	4,6 / 5,7	4,6 / 5,9	4,4 / 5,4	
	Energy efficiency class		A+ / A+++	A++ / A+++	A++ / A+++	A+ / A+++	
	Annual electricity consumption *2 kWh/a		487 / 234	577 / 268	727 / 304	1209 / 543	
	Design load kw		1,5 / 0,9	1,9 / 1,1	2,4 / 1,3	3,8 / 2,1	
	N Declared capacity	P at reference design temperature	kw	1,5(-10°C) / 0,9( 2°C)	1,9(-10°C) / 1,1( 2°C)	2,4(-10°C) / 1,3( 2°C)	3,8(-10°C) / 2,1( 2°C)
		R at bivalent temperature	kw	1,5(-10°C) / 0,9( 2°C)	1,9(-10°C) / 1,1( 2°C)	2,4(-10°C) / 1,3( 2°C)	3,8(-10°C) / 2,1( 2°C)
		S at operation limit temperature	kw	1,3(-15°C) / 1,3(-15°C)	1,7(-15°C) / 1,7(-15°C)	2,1(-15°C) / 2,1(-15°C)	3,4(-15°C) / 3,4(-15°C)
	T Back up heating capacity		kw	0,0(-10°C) / 0,0( 2°C)	0,0(-10°C) / 0,0( 2°C)	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	Sisesaade	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	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	Tkessih	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 kapacita	Deklarowana pojemność	Deklareritud võimsus	Kapaċità ddiċċjarata	Гарантированная мощность
P	bei angegebener Referenztemperatur	alla temperatura di progetto di riferimento	vid dimensionerande referenstempertur	w znamionowej temperaturze odniesienia	projekteerimise võrdlustemperatuur	f'temperatura tad-disinn ta' referenza	при эталонной расчетной температуре
R	à température bivalente	σε θερμοκρασία διθενοούς λειτουργίας	při referenční výpočtové teplotě	ob referenční nazivní temperaturi	ag teocht deartha tagartha	perusmitoituslämpötilassa	ved referansetemperatur for utforming
S	à température de fonctionnement limite	σε θερμοκρασία ορίου λειτουργίας	při teplotě na hranici provozního limitu	pri mejni delovni temperaturi	ag teocht teorann oibrúcháin	toimintarajalämpötilassa	ved temperatur for driftsgrense
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 OUTDOOR MODEL	MS2-BT25VG / MS2-BT25VGK MU2-BT25VG	
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)	N
<b>Item</b>	<b>symbol</b>	<b>value</b>	<b>unit</b>
<b>Design load</b>			
cooling	P <sub>design,c</sub>	2.5	kW
heating/Average	P <sub>design,h</sub>	1.9	kW
heating/Warmer	P <sub>design,h</sub>	1.1	kW
heating/Colder	P <sub>design,h</sub>	x	kW
<b>Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T)</b>			
T <sub>i</sub> =35°C	P <sub>cc</sub>	2.5	kW
T <sub>i</sub> =30°C	P <sub>cc</sub>	1.9	kW
T <sub>i</sub> =25°C	P <sub>cc</sub>	1.2	kW
T <sub>i</sub> =20°C	P <sub>cc</sub>	0.9	kW
<b>Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T)</b>			
T <sub>i</sub> =7°C	P <sub>ch</sub>	1.7	kW
T <sub>i</sub> =2°C	P <sub>ch</sub>	1.1	kW
T <sub>i</sub> =7°C	P <sub>ch</sub>	0.7	kW
T <sub>i</sub> =12°C	P <sub>ch</sub>	0.7	kW
T <sub>i</sub> =bivalent temperature	P <sub>ch</sub>	1.9	kW
T <sub>i</sub> =operating limit	P <sub>ch</sub>	1.7	kW
<b>Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T)</b>			
T <sub>i</sub> =2°C	P <sub>ch</sub>	1.1	kW
T <sub>i</sub> =7°C	P <sub>ch</sub>	0.7	kW
T <sub>i</sub> =12°C	P <sub>ch</sub>	0.7	kW
T <sub>i</sub> =bivalent temperature	P <sub>ch</sub>	1.1	kW
T <sub>i</sub> =operating limit	P <sub>ch</sub>	1.7	kW
<b>Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature T)</b>			
T <sub>i</sub> =7°C	P <sub>ch</sub>	x	kW
T <sub>i</sub> =2°C	P <sub>ch</sub>	x	kW
T <sub>i</sub> =7°C	P <sub>ch</sub>	x	kW
T <sub>i</sub> =12°C	P <sub>ch</sub>	x	kW
T <sub>i</sub> =bivalent temperature	P <sub>ch</sub>	x	kW
T <sub>i</sub> =operating limit	P <sub>ch</sub>	x	kW
T <sub>i</sub> =15°C	P <sub>ch</sub>	x	kW
<b>Bivalent temperature</b>			
heating/Average	T <sub>biv</sub>	-10	°C
heating/Warmer	T <sub>biv</sub>	2	°C
heating/Colder	T <sub>biv</sub>	x	°C
<b>Operating limit temperature</b>			
heating/Average	T <sub>ol</sub>	-15	°C
heating/Warmer	T <sub>ol</sub>	-15	°C
heating/Colder	T <sub>ol</sub>	x	°C
<b>Cycling interval capacity</b>			
for cooling	P <sub>cyco</sub>	x	kW
for heating	P <sub>cyoh</sub>	x	kW
Degradation co-efficient	C <sub>dc</sub>	0.25	-
<b>Cycling interval efficiency</b>			
for cooling	EER <sub>cyco</sub>	x	-
for heating	COP <sub>cyoh</sub>	x	-
Degradation co-efficient	C <sub>dh</sub>	0.25	-
<b>Electric power input in power modes other than 'active mode'</b>			
off mode	P <sub>off</sub>	1	W
standby mode	P <sub>stb</sub>	1	W
thermostat - off mode	P <sub>to</sub>	8	W
crankcase heater mode	P <sub>ck</sub>	0	W
<b>Annual electricity consumption</b>			
cooling	Q <sub>el,c</sub>	100	kWh/a
heating/Average	Q <sub>el,h</sub>	677	kWh/a
heating/Warmer	Q <sub>el,h</sub>	260	kWh/a
heating/Colder	Q <sub>el,h</sub>	x	kWh/a
<b>Capacity control (indicate one of three options)</b>			
fixed		N	
staged		N	
variable		Y	
<b>Other items</b>			
Sound power level (indoor/outdoor)	L <sub>WA</sub>	57/63	dB(A)
Global warming potential	GWP	650	kg CO <sub>2</sub> eq
Rated air flow (indoor/outdoor)	-	654/1302	m <sup>3</sup> /h
Contact details for obtaining more information	Name and address of the manufacturer or of its authorized representative.		

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

TECHNICAL DOCUMENTATION (1)			
ROOM AIR CONDITIONER	INDOOR MODEL	M82-BT25VG / M82-BT25VGK	203H*838W*235D (mm)
	OUTDOOR MODEL	MU2-BT25VG	538H*888W*248D (mm)
<b>Function</b>			
	cooling		Y
	heating		Y
<b>The heating season</b>			
	Average (mandatory)		Y
	Warmer (if designated)		Y
	Colder (if designated)		N
<b>Capacity control</b>			
	fixed		N
	staged		N
	variable		Y
<b>Item</b>	<b>symbol</b>	<b>value</b>	<b>unit</b>
<b>Seasonal efficiency (2)</b>			
cooling	SEER	8.1	-
heating/Average	SCOP/A	4.6	-
heating/Warmer	SCOP/W	5.7	-
heating/Colder	SCOP/C	x	-
<b>Energy efficiency class</b>			
cooling	SEER	A++	-
heating/Average	SCOP/A	A++	-
heating/Warmer	SCOP/W	A+++	-
heating/Colder	SCOP/C	x	-
<b>Other items</b>			
Sound power level (indoor/outdoor)	L <sub>WA</sub>	57/63	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP	350	kgCO <sub>2</sub> eq.
Identification and signature of the person empowered to bind the supplier			

(1) This information is based on COMMISSION DELEGATED REGULATION (EU) No 832/2011.

(2) SEER/SCOP values are measured based on EN 14825:2013. Testing and rating at part load conditions and calculation of seasonal performance.