



# ENERG

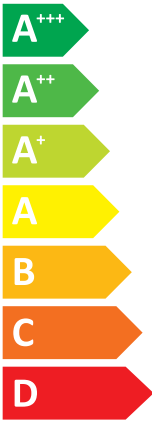
енергия · ενεργεια



Model Indoor unit  
Outdoor unit

**MSZ-LN25VG2**  
**MUZ-LN25VGHZ2**

SEER



**A+++**

kW **2,5**  
SEER **10,5**  
kWh/annum **83**

SCOP



**A+++**

**A+++**

**A+**

kW	<b>1,8</b>	<b>3,2</b>	<b>4,7</b>
SCOP	<b>6,6</b>	<b>5,2</b>	<b>4,0</b>
kWh/annum	<b>382</b>	<b>861</b>	<b>2466</b>



**58dB**



**60dB**



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

JG79Y627H02



A Model	B Indoor unit	C Outdoor unit	MSZ-LN25VG2W	MSZ-LN25VG2W	MSZ-LN35VG2W	MSZ-LN35VG2W	MSZ-LN50VG2W	MSZ-LN50VG2W	MSZ-LN50VG2W	MSZ-LN50VG2W	MSZ-LN50VG2W	MSZ-LN50VG2W	
			MSZ-LN25VG2V	MSZ-LN25VG2R	MSZ-LN25VG2B	MSZ-LN25VG2V	MSZ-LN25VG2R	MSZ-LN25VG2B	MSZ-LN35VG2V	MSZ-LN35VG2R	MSZ-LN35VG2B	MSZ-LN50VG2V	MSZ-LN50VG2R
	D Inside	dB	58	58	59	59	59	60	60	60	60	60	
	E Outside	dB	60	60	61	61	61	64	64	64	64	65	
	F Refrigerant		R32 GWP 675 *1										
H Cooling	SEER		10,5	10,5	9,5	9,4	8,5	7,6	7,5				
	Energy efficiency class		A+++	A+++	A+++	A+++	A+++	A++	A++				
	Annual electricity consumption *2 kWh/a		83	83	129	129	205	230	285				
	Design load kw		2,5	2,5	3,5	3,5	5,0	5,0	6,1				
M Heating (Average / Warmer / Colder season)	SCOP		5,2 / 6,4 / -	5,2 / 6,6 / 4,0	5,1 / 6,5 / -	5,1 / 6,5 / 3,9	4,6 / 5,8 / -	4,6 / 5,9 / 3,4	4,6 / 5,9 / -				
	Energy efficiency class		A+++ / A+++ / -	A+++ / A+++ / A+	A+++ / A+++ / -	A+++ / A+++ / A	A++ / A+++ / -	A+ / A+++ / A	A+ / A+++ / -				
	Annual electricity consumption *2 kWh/a		807 / 369 / -	861 / 382 / 2466	987 / 431 / -	1098 / 467 / 3162	1369 / 602 / -	1826 / 779 / 5340	1826 / 779 / -				
	Design load kw		3,0 / 1,7 / -	3,2 / 1,8 / 4,7	3,6 / 2,0 / -	4,0 / 2,2 / 5,9	4,5 / 2,5 / -	6,0 / 3,3 / 8,8	6,0 / 3,3 / -				
	Declared capacity	P at reference design temperature	kw	3,0(-10°C) / 1,7(2°C) / -	3,2(-10°C) / 1,8(2°C) / 2,6(-22°C)	3,6(-10°C) / 2,0(2°C) / -	4,0(-10°C) / 2,2(2°C) / 3,4(-22°C)	4,5(-10°C) / 2,5(2°C) / -	6,0(-10°C) / 3,3(2°C) / 5,1(-22°C)	6,0(-10°C) / 3,3(2°C) / -			
		Q at bivalent temperature	kw	3,0(-10°C) / 1,7(2°C) / -	3,2(-10°C) / 1,8(2°C) / 3,2(-10°C)	3,6(-10°C) / 2,0(2°C) / -	4,0(-10°C) / 2,2(2°C) / 4,0(-10°C)	4,5(-10°C) / 2,5(2°C) / -	6,0(-10°C) / 3,3(2°C) / 6,0(-10°C)	6,0(-10°C) / 3,3(2°C) / -			
	at operation limit temperature	kw	2,5(-15°C) / 2,5(-15°C) / -	2,3(-25°C) / 2,3(-25°C) / 2,3(-25°C)	3,2(-15°C) / 3,2(-15°C) / -	3,1(-25°C) / 3,1(-25°C) / 3,1(-25°C)	4,2(-15°C) / 4,2(-15°C) / -	4,7(-25°C) / 4,7(-25°C) / 4,7(-25°C)	6,0(-15°C) / 6,0(-15°C) / -				
	Back up heating capacity		kw	0,0(-10°C) / 0,0(2°C) / -	0,0(-10°C) / 0,0(2°C) / 2,1(-22°C)	0,0(-10°C) / 0,0(2°C) / -	0,0(-10°C) / 0,0(2°C) / 2,5(-22°C)	0,0(-10°C) / 0,0(2°C) / -	0,0(-10°C) / 0,0(2°C) / 3,7(-22°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 gewwa	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 jahutuseaeg	Livelli tal-qawwa tal-hsejjes fil-modalità tat-tkessiħ	Значения уровня звуковой мощности в режиме охлаждения
E	Innen	Interno	Insida	Wewnątrz	Sees	Gewwa	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	Tagħbiya tad-disinn	Расчетная нагрузка
M	Heizung (Durchschnitt / Wärmer / Kälter / Jahreszeit)	Riscaldamento (Stagione media / calda / fredda)	Värme (Genomsnittlig/varmare/kallare årstid)	Ogrzewanie (umiarkowane / cieplejsze / zimniejsze / sezonowe)	Kütmine (keskmise/soojem/külmem periood)	Tishin (Medju / Aktar shun / Aktar kiesah / stagun)	Нагрев (средний/теплый/холодный сезон)
N	Capacité déclarée	Δηλωμένη χωρητικότητα	Udåvnad kapacitet	Przyjawniona zmogljivost	Toileadh fõgartha	Ilmoitettu teho	Erklart kapacitet
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 la température de calcul de référence	σε θερμοκρασία σχεδιασμού αναφοράς	při referenční výpočtové teplotě	ob referenční nazivní teplotě	ag toecht deartha tagartha	perusmitoituslõmpõtilassa	при эталонной расчетной температуре
S	à température de fonctionnement limite	σε θερμοκρασία ορίου λειτουργίας	při teplotě na hranici provozního limitu	pri izračunljivi projektnej temperaturi	ag toecht teorann oiõriõhõin	toimintarajõlõmpõtilassa	при предельной рабочей температуре
T	Backup-Heizleistung	Capacità di riscaldamento addizionale	Kapacitet för reservvärme	Zaprasowa pojemność grzewcza	Tagavara kütteõivõimus	Capacità tad-tishin ta' sostenn	Резервная тепловая мощность



**PRODUCT INFORMATION (\*1)**

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-LN25VG2W
		MSZ-LN25VG2V
		MSZ-LN25VG2B
		MSZ-LN25VG2R
	OUTDOOR MODEL	MUZ-LN25VGHZ2

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)	Y

Item	symbol	value	unit
<b>Design load</b>			
cooling	P <sub>designc</sub>	2.5	kW
heating/Average	P <sub>designh</sub>	3.2	kW
heating/Warmer	P <sub>designh</sub>	1.8	kW
heating/Colder	P <sub>designh</sub>	4.7	kW

Item	symbol	value	unit
<b>Seasonal efficiency</b>			
cooling	SEER	10.5	-
heating/Average	SCOP/A	5.2	-
heating/Warmer	SCOP/W	6.6	-
heating/Colder	SCOP/C	4.0	-

<b>Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj</b>			
Tj=35°C	P <sub>dc</sub>	2.5	kW
Tj=30°C	P <sub>dc</sub>	1.9	kW
Tj=25°C	P <sub>dc</sub>	1.2	kW
Tj=20°C	P <sub>dc</sub>	1.0	kW

<b>Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj</b>			
Tj=35°C	EER <sub>d</sub>	5.2	-
Tj=30°C	EER <sub>d</sub>	7.9	-
Tj=25°C	EER <sub>d</sub>	13.1	-
Tj=20°C	EER <sub>d</sub>	19.5	-

<b>Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	P <sub>dh</sub>	2.9	kW
Tj=2°C	P <sub>dh</sub>	1.8	kW
Tj=7°C	P <sub>dh</sub>	1.2	kW
Tj=12°C	P <sub>dh</sub>	1.1	kW
Tj=bivalent temperature	P <sub>dh</sub>	3.2	kW
Tj=operating limit	P <sub>dh</sub>	2.3	kW

<b>Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	COP <sub>d</sub>	3.2	-
Tj=2°C	COP <sub>d</sub>	5.3	-
Tj=7°C	COP <sub>d</sub>	6.6	-
Tj=12°C	COP <sub>d</sub>	8.3	-
Tj=bivalent temperature	COP <sub>d</sub>	2.8	-
Tj=operating limit	COP <sub>d</sub>	2.0	-

<b>Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=2°C	P <sub>dh</sub>	1.8	kW
Tj=7°C	P <sub>dh</sub>	1.2	kW
Tj=12°C	P <sub>dh</sub>	1.1	kW
Tj=bivalent temperature	P <sub>dh</sub>	1.8	kW
Tj=operating limit	P <sub>dh</sub>	2.3	kW

<b>Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=2°C	COP <sub>d</sub>	5.3	-
Tj=7°C	COP <sub>d</sub>	6.6	-
Tj=12°C	COP <sub>d</sub>	8.3	-
Tj=bivalent temperature	COP <sub>d</sub>	5.3	-
Tj=operating limit	COP <sub>d</sub>	2.0	-

<b>Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	P <sub>dh</sub>	2.9	kW
Tj=2°C	P <sub>dh</sub>	1.8	kW
Tj=7°C	P <sub>dh</sub>	1.2	kW
Tj=12°C	P <sub>dh</sub>	1.1	kW
Tj=bivalent temperature	P <sub>dh</sub>	3.2	kW
Tj=operating limit	P <sub>dh</sub>	2.3	kW
Tj=-15°C	P <sub>dh</sub>	3.2	kW

<b>Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	COP <sub>d</sub>	3.2	-
Tj=2°C	COP <sub>d</sub>	5.3	-
Tj=7°C	COP <sub>d</sub>	6.6	-
Tj=12°C	COP <sub>d</sub>	8.3	-
Tj=bivalent temperature	COP <sub>d</sub>	2.8	-
Tj=operating limit	COP <sub>d</sub>	2.0	-
Tj=-15°C	COP <sub>d</sub>	2.6	-

<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>	-25	°C
heating/Warmer	T <sub>ol</sub>	-25	°C
heating/Colder	T <sub>ol</sub>	x	°C

<b>Cycling interval capacity</b>			
for cooling	P <sub>cycc</sub>	x	kW
for heating	P <sub>cyh</sub>	x	kW
Degradation co-efficient cooling	C <sub>dc</sub>	0.25	-

<b>Cycling interval efficiency</b>			
for cooling	EER <sub>cycc</sub>	x	-
for heating	COP <sub>cyh</sub>	x	-
Degradation co-efficient heating	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>SB</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>CE</sub>	83	kWh/a
heating/Average	Q <sub>HE</sub>	861	kWh/a
heating/Warmer	Q <sub>HE</sub>	382	kWh/a
heating/Colder	Q <sub>HE</sub>	2466	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>	58/60	dB(A)
Global warming potential	GWP (*2)	675	kgCO <sub>2</sub> eq.
Rated air flow (indoor/outdoor)	-	744/834	m <sup>3</sup> /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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(\*1) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No. 206/2012.

(\*2) This GWP value is based on Regulation(EU)No. 517/2014 from IPCC 4th Assessment Report.

For Regulation (EU) No. 626/2001, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.

**TECHNICAL DOCUMENTATION (1)**

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-LN25VG2W	307H*890W*233D (mm)
		MSZ-LN25VG2V	
	MSZ-LN25VG2B		
	MSZ-LN25VG2R		
	OUTDOOR MODEL	MUZ-LN25VGHZ2	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	10.5	-
heating/Average	SCOP/A	5.2	-
heating/Warmer	SCOP/W	6.6	-
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 <sub>WA</sub>	58/60	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP (3)	675	kgCO <sub>2</sub> 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)No. 626/2011.

(2) SEER/SCOP values are measured based on EN 14825:2016: Testing and rating at part load conditions and calculation of seasonal performance.

(3) This GWP value is based on Regulation(EU)No. 517/2014 from IPCC 4th Assessment Report.

For Regulation (EU) No. 626/2001, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.