



ENERG

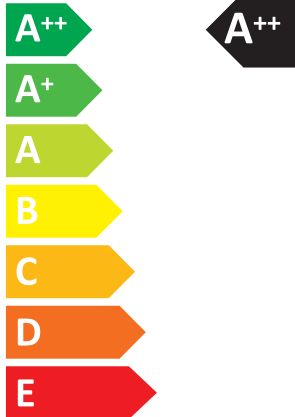
енергия · ενέργεια

Y IJA
IE IA



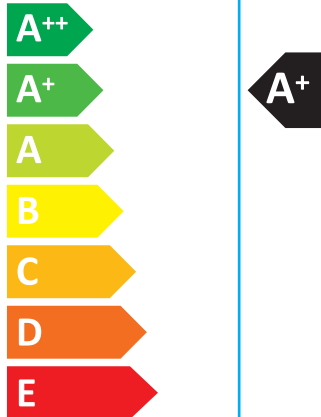
Model Outdoor unit **MXZ-4F80VF2**
Indoor unit1/2/3 **MSZ-LN18/18/18VG**
Indoor unit4 **MSZ-LN25VG**

SEER



kW **8,0**
SEER **7,55**
kWh/annum **371**

SCOP



kW	X	7,0	X
SCOP	X	4,07	X
kWh/annum	X	2410	X



Indoor unit1/2/3/4
58dB



Outdoor unit
65dB



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

BH79N257H28

A Model		C Outdoor unit					
		MSX-3F54VF2	MSX-3F68VF2	MSX-4F72VF2	MSX-4F80VF2		
D Sound power levels on cooling mode	E	Outside dB (A)	60	63	63	65	
		E Inside 1 dB (A)	Inside 1 dB (A)	58	58	58	58
			Inside 2 dB (A)	58	58	58	58
			Inside 3 dB (A)	58	58	58	58
			Inside 4 dB (A)	—	—	58	58
			Inside 5 dB (A)	—	—	—	—
	Inside 6 dB (A)	—	—	—	—		
	H Cooling	SEER		8,52	7,96	8,13	7,55
		Energy efficiency class		A+++	A++	A++	A++
		K Annual electricity consumption *2	kWh/a	222	299	310	371
		L Design load	kW	5,4	6,8	7,2	8,0
		SCOP		4,61	4,12	4,07	4,07
Energy efficiency class		A++	A+	A+	A+		
M Heating (Average season)	Annual electricity consumption *2		kWh/a	1520	2312	2410	2410
	Design load		kW	5,0	6,8	7,0	7,0
	N De-clared capacity	P at reference design temperature	kW	4,0 (-10°C)	5,5 (-10°C)	5,6 (-10°C)	5,6 (-10°C)
		R at bivalent temperature	kW	4,5 (-7°C)	6,1 (-7°C)	6,2 (-7°C)	6,2 (-7°C)
		S at operation limit temperature	kW	3,2 (-15°C)	4,6 (-15°C)	4,8 (-15°C)	4,8 (-15°C)
	T Back up heating capacity	kW	1,0	1,3	1,4	1,4	
G Refrigerant		R32 GWP 550 *1					

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
A	Modell	Modello	Modell	Model	Déanamh	Mall	Модель
B	Innengerät	Unità interna	Inomhusenhet	Jednostka wewnętrzna	Siseseade	Unità għal gewwa	Внутренний прибор
C	Modèle extérieur	Eξωτερική μονάδα	Vnější jednotka	Zunanja enota	Aonad laistigh	Sisäyksikkö	Innendørsenhet
	Buitenunit	Unidade exterior	Vonkăjšia jednotka	Външно тяло	Ārtelpas ierice	Iç ünite	Внутрішній блок
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-hesjes fil-modalità tat-tkessih	Значения уровня звуковой мощности в режиме охлаждения
	Niveaux de puissance corrects en mode de refroidissement	Επίπεδα ισχύος ήχου στην κατάσταση ψύξης	Úrovnň hluchnosti v režimu chlazení	Ravni zvočne moči v načinu hlajenja	Leibhéal chumhachta fuaimे ar mhodh fuairithe	Äänvoimakkuaustasot viilen-nystilassa	Lydytryykniväer i avkjölingsmodus
E	À l'intérieur	Εσωτερικό	Uvnitř	Znotraj	Laistågh	Sisäpuoli	Innvendig
	Binnenkant	Interior	Vo vnůtri	Вътре	Iekstelpäs	Iç taraf	Усередини
F	Außen	Esterno	Utside	Na zewnątrz	Väljas	Barra	Снаружи
	À l'extérieur	Εξωτερικό	Venku	Zunaj	Lasmuigh	Ulkopuoli	Utvendig

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
G	Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Külmutusagens	Refrigerant	Хладагент
H	Kühlen	Raffreddamento	Kyla	Chłodzenie	Jahutus	Tkessih	Охлаждение
	Refrigeración	Arrefecimento	Hűtés	Hłajenje	Fuarú	Viilennys	Авкјөлінг
J	Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatõhususe klass	Klassi tal-efiċjenza fl-użu tal-enerġija	Класс эффективности использования энергии
	Classe d'efficacité énergétique	Κλάση ενεργειακής απόδοσης	Trída energetické účinnosti	Razred energetske učinkovitosti	Aicme éifeachtúlachta fuinnimh	Energiatehokkuusluokka	Energieeffektivitetsklasse
K	Jahresstromverbrauch *2	Consumo annuale di energia elettrica *2	Ārlig strömförbrukning *2	Zużycie prądu w skali roku *2	Aastane voolutarbimus *2	Konsum annwali tal-elettriku *2	Годовое потребление электроэнергии *2
	Consummation d'électricité annuelle *2	Ετήσια κατανάλωση ρεύματος *2	Roční spotřeba elektrické energie *2	Letna poraba elektrike *2	Iði leictrachais bhliantúil *2	Vuotuisen sähkönkulutus *2	Ārlig strömforbruk *2
L	Charge de calcul	Carico nominale	Dimensionerande belastning	Maksimalne obciażenie	Projekteeritud koormus	Taghbija tad-disinn	Расчетная нагрузка
	Ontwerpbelasting	Carga nominal	Projektované zaťaženie	Nazivna obremenitev	Lõd deartha	Laskettu kuormitus	Utformingsbelastning
M	Heizen (Jahresdurchschnitt)	Riscaldamento (stagione media)	Värme (genomsnittlig årstid)	Ogrzewanie (średnie temperatury)	Kütmine (keskmise hooaeg)	Tishin (Staġun medju)	Нагрев (средний сезон)
	Chauffage (moyenne saison)	Θέρμανση (Μέσο χρονικό διάστημα)	Topeni (průměrná sezóna)	Ogrevanje (povprečni letni čas)	Téamh (meánseasúr)	Lämmitys (vuodenajan keskiarvo)	Оррварминг (gjennomsnittlig årstid)
N	Capacité déclarée	Δηλωμένη χωρητικότητα	Udáváná kapacita	Prijavljena zmogljivost	Toileadh fógartha	Ilmoitettu teho	Erklæret kapasitet
	Capacidade declarada	Επίσημη χωρητικότητα	Udáváná kapacita	Declarovaná kapacita	Declaratâ kapacitate	Beyan edilen kapasite	Гарантована потужність
P	à la température de calcul de référence	alla temperatura di progetto di riferimento	vid dimensionerande referenstemperatur	w znamionowej temperaturze odniesienia	projekteerimise võrdlustemperatuur	f'temperatura tad-disinn ta' referenza	при эталонной расчетной температуре
	bij referentieontwerptemperatuur	à temperatura nominal de referencia	při referenční výpočtové teplotě	ob referenční nazivní temperaturi	ag toecht deartha tagartha	perusmitoitulämpötilassa	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
	bij bivalente temperatuur	à temperatura bivalente	při bivalentní teplotě	při bivalentní temperaturi	ag toecht dhéfhúsach	kaksiarvoisessa lämpötilassa	ved bivalent temperatur
S	à température de fonctionnement limite	alla temperatura limite di funzionamento	vid driftstemperaturens gränsvärde	w granicznej temperaturze roboczej	tõotamise piirtemperatuuri juures	f'temperatura tal-limitu tat-thaddim	при предельной рабочей температуре
	bij grens werkingstemperatuur	à temperatura de limite de funcionamiento	při teplotě na hranici provozního limitu	při mejni delovni temperaturi	ag toecht teorann oibriúcháin	toimintarajalämpötilassa	ved temperatur for driftsgrense
T	Backup-Heizleistung	Capacità di riscaldamento addizionale	Kapacitet för reservvärme	Zapasowa pojemność grzewcza	Tagavara küttevõimsus	Kapaçità tat-tishin ta' sostenn	Резервная тепловая мощность
	Capacité de chauffage d'appoint	Δυνατότητα εφεδρικής θέρμανσης	Kapacita záložního vytápění	Rezervna zmogljivost ogrevanja	Toileadh téimh chúltaca	Varalämmitysteho	Sikkerhedskapasitet for orpvarming

PRODUCT INFORMATION (*)

ROOM AIR CONDITIONER	INDOOR MODEL 1/2/3 INDOOR MODEL 4/5/6 OUTDOOR MODEL	MSZ-LN18VG / MSZ-LN18VG / MSZ-LN18VG MSZ-LN25VG / - / - MXZ-4F80VF2
----------------------	---	---

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)	N
Colder (if designated)	N

Item	symbol	value	unit
Design load			
cooling	Pdesignc	8,0	kW
heating/Average	Pdesignh	7,0	kW
heating/Warmer	Pdesignh	x	kW
heating/Colder	Pdesignh	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	7,55	-
heating/Average	SCOP/A	4,07	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	8,00	kW
Tj=30°C	Pdc	5,95	kW
Tj=25°C	Pdc	3,80	kW
Tj=20°C	Pdc	2,50	kW

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	EERd	3,56	-
Tj=30°C	EERd	5,67	-
Tj=25°C	EERd	9,50	-
Tj=20°C	EERd	12,82	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6,20	kW
Tj=2°C	Pdh	3,90	kW
Tj=7°C	Pdh	2,60	kW
Tj=12°C	Pdh	1,75	kW
Tj=bivalent temperature	Pdh	6,20	kW
Tj=operating limit	Pdh	4,80	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	2,70	-
Tj=2°C	COPd	4,00	-
Tj=7°C	COPd	5,20	-
Tj=12°C	COPd	6,29	-
Tj=bivalent temperature	COPd	2,70	-
Tj=operating limit	COPd	2,20	-

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

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

Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	x	kW
Tj=2°C	Pdh	x	kW
Tj=7°C	Pdh	x	kW
Tj=12°C	Pdh	x	kW
Tj=bivalent temperature	Pdh	x	kW
Tj=operating limit	Pdh	x	kW
Tj=-15°C	Pdh	x	kW

Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	x	-
Tj=2°C	COPd	x	-
Tj=7°C	COPd	x	-
Tj=12°C	COPd	x	-
Tj=bivalent temperature	COPd	x	-
Tj=operating limit	COPd	x	-
Tj=-15°C	COPd	x	-

Bivalent temperature			
heating/Average	Tbiv	-7	°C
heating/Warmer	Tbiv	x	°C
heating/Colder	Tbiv	x	°C

Operating limit temperature			
heating/Average	Tol	-15	°C
heating/Warmer	Tol	x	°C
heating/Colder	Tol	x	°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	POFF	4	W
standby mode	PSB	4	W
thermostat - off mode	PTO	21	W
crankcase heater mode	PCK	0	W

Annual electricity consumption			
cooling	QCE	371	kWh/a
heating/Average	QHE	2410	kWh/a
heating/Warmer	QHE	x	kWh/a
heating/Colder	QHE	x	kWh/a

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

Other items			
Sound power level (indoor1-4/outdoor)	LWA	58/65	dB(A)
Global warming potential	GWP	550	kgCO2eq.
Rated air flow (indoor1-4/outdoor)	-	690,690/2418	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@nb.MitsubishiElectric.co.jp
--	--

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

TECHNICAL DOCUMENTATION ⁽¹⁾

	INDOOR MODEL 1	MSZ-LN18VG	307H890W233D (mm)
	INDOOR MODEL 2	MSZ-LN18VG	307H890W233D (mm)
	INDOOR MODEL 3	MSZ-LN18VG	307H890W233D (mm)
ROOM AIR CONDITIONER	INDOOR MODEL 4	MSZ-LN25VG	307H890W233D (mm)
	INDOOR MODEL 5	-	-
	INDOOR MODEL 6	-	-
	OUTDOOR MODEL	MXZ-4F80VF2	710H840W330D (mm)

Function	
cooling	Y
heating	Y


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

Capacity control	
fixed	N
staged	N
variable	Y

Item	symbol	value	unit
Seasonal efficiency ⁽²⁾			
cooling	SEER	7,55	-
heating/Average	SCOP/A	4,07	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

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

Other items			
Sound power level (indoor1-4/outdoor)	LWA	58/65	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP	550	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier	 <hr style="width: 80%; margin: 0 auto;"/> Akira HIDAHA 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.