



Changes for the Better

Οικιακός Κλιματισμός

Κατάλογος Προϊόντων

Εξοικονόμηση με ευέλικτες και σύγχρονες λύσεις



for a greener tomorrow





Residential

M Series

KIRIGAMINE SERIES



Smart design and high efficiency air-conditioners, improved air-filtration and noiselessness.

WALL MOUNTED

MSZ-LN DC Inverter/Heat pump	R32	10
MSZ-LN HYPER HEATING DC Inverter/Heat pump	R32	12
MSZ-EF DC Inverter/Heat pump	R32	14

PLUS SERIES



Efficient air-conditioners, noiselessness, perfect for any residential application.

WALL MOUNTED

MSZ-AP DC Inverter/Heat pump	R32	16
MSZ-SF DC Inverter/Heat pump	R32	20
MSZ-GF DC Inverter/Heat pump	R32	22

FLOOR STANDING

MFZ-KT DC Inverter/Heat Pump	R32	28
MFZ-KJ DC Inverter/Heat Pump		30
MFZ-KJ Hyper Heating DC Inverter/Heat Pump		32



1 WAY CASSETTE

MLZ-KP DC Inverter/Heat pump **R32** 34

WALL MOUNTED

MSZ-HR DC Inverter/Heat pump **NOVITÀ R32** 24

MXZ Series

MULTISPLIT DC INVERTER OUTDOOR UNITS

MXZ-F 2/4 ports **NOVITÀ R32** 40

MXZ-D/E 2/6 ports 42

MXZ-HA 2/3 ports **NOVITÀ R32** 44

MXZ-DM 2/3 ports 46

MXZ HYPER HEATING 48

Y Series

SMALL Y COMPACT LINE

DC INVERTER/HEAT PUMP

PUMY-SP with Branch Box from 12,5 to 15,5 kW 49

Ventilation

VL-50SR₂-E - Heat recuperators one-pipe wall mounted 50

VL-100EU₅-E - Heat recuperators wall mounted 51

GK - Air curtains 52

Jet Towel

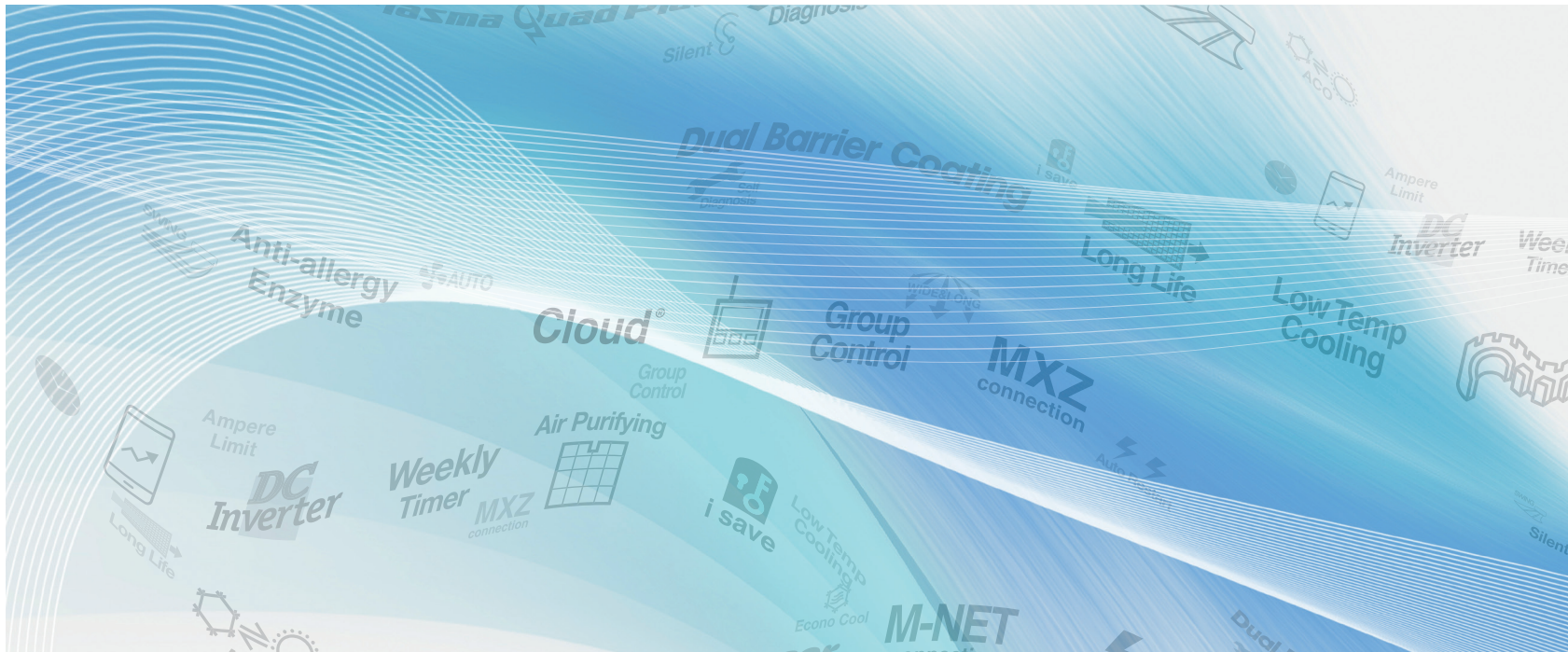
JET TOWEL SLIM 54

JET TOWEL SMART 54



Key Technologies

Mitsubishi Electric develops functions and technologies tailored to maximize comfort and energy efficiency.



Technologies

DC Inverter

Mitsubishi Electric inverters ensure superior performance including the optimum control of operation frequency. As a result, optimum power is applied in all heating/cooling ranges and maximum comfort is achieved while consuming minimal energy. Fast, comfortable operation and amazingly low running cost.

Compressor

Mitsubishi Electric developed a brand new compressor. The DC Inverter engine is super compact and high efficient: it's called "Poki Poki".



Mitsubishi Electric Replace Technology

Mitsubishi Electric's air conditioning products allow to recycle the existing pipes when you replace the external unit. The advantages are: cut of working times, less costs, environmental respect.

Energy Saving

3D i-see sensor

3D i-see Sensor is not only able to count the number of people in a room, but also to direct or not direct the air flow toward the areas where presence is detected. Energy saving features make possible the optimization of environmental comfort and the reduction of energy waste.

Ampere Limit

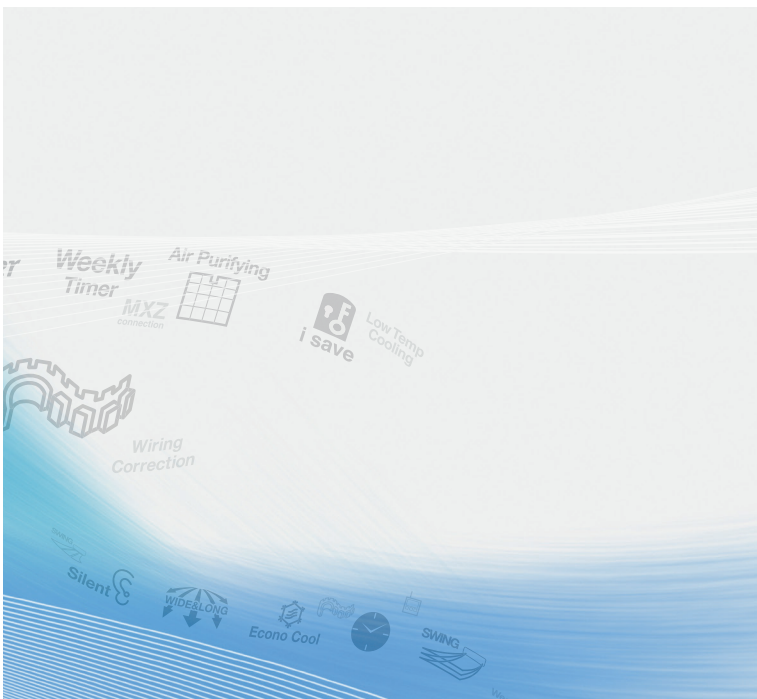
Dipswitch setting can be used to limit the maximum electrical current absorbed for operation to a preset value. This function is highly recommended for managing energy consumption in case of a limited supply of electricity.

Energy Monitoring

Energy monitoring, available on MeCloud, allows the user to check the air conditioning's energy consumption via smartphone, tablet or other mobile devices.

Energy Efficiency Class

Mitsubishi Electric's air conditioning units ensure top levels of energy efficiency consumption. Check the Energy Efficiency Class in products' specs tables.



Air Quality



Plasma Quad Plus

Plasma Quad Plus is a plasma-based filter system that effectively removes six kinds of air pollutants (bacteria, viruses, mold, allergens, dust, PM2.5). It captures and destroys mold and allergens thanks to electric fields and a series of electrical discharges.



Deodorizing Filter

Deodorizing filter catches and removes bad smells. The deodorizing action is high efficient against cooking and animal smells.



Long Life Filter

Surface of this kind of filters requires less maintenance than conventional filters.



Silver Ion Purification Air Filter

This filter generates stable antibacterial and deodorising effects. The superior air-cleaning effectiveness raises room comfort to another level.



Dual Barrier Coating

Dual Barrier Coating prevents dust and greasy dirt from getting into the air conditioner. This dual coating on the inner surface keeps the air conditioner clean year-round.

Air Distribution



Horizontal Deflector Swing

Continuous horizontal deflector swing makes easy to spread air into the room.



Vertical Deflector Swing

Powered vertical deflector swing makes easy to spread air into the room.



Automatic Fan

Fan speed is adjusted automatically to satisfy the desired level of comfort.



Wide & Long

A high and powered air flow combined with a wide range of air diffusion allows to reach every corner in a large environment.

Set Up and Maintenance



Wiring/Piping Correction Function

The push of a single button is all that is required to confirm that piping and wiring are properly connected. Corrections are made automatically if a wiring error is detected.



Self Diagnostics

A self diagnosis system make easier all restoration activities.

Controls



M-Net Connection

Units can be connected to MELANS system controllers (M-NET controllers).



Wired Controller

It's possible to use a wired controller for manage the indoor unit.



System Group Control

The same remote controller is capable of controlling the operational status of up to 16 refrigerant systems.

Acoustic Comfort



Sound Pressure

Mitsubishi Electric is able to guarantee for his products a silent operating mode, to maximize comfort. More details are available into specific product tables.



Night mode

When Night Mode is activated using the wireless remote controller, air conditioner operation will switch to the following setting:

- The beeping sound will be disabled
- The brightness of the operation indicator lamp will become dimmer
- The outdoor operating noise will drop to 3dB lower than the rated operating noise specification



Silent Mode

System operation can be adjusted to prioritise less noise from the outdoor unit over air conditioning performance.

Functions



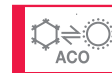
Timer ON/OFF

It's possible to set a timer for the switching "ON/OFF" for the air conditioner.



Weekly Timer

It's easy to set desired temperatures and operation ON/OFF times to match lifestyle patterns.



Automatic Switching

The air conditioner automatically switches the operating mode (cooling/heating) according to the selected temperature.



Low-Temperature Cooling

Intelligent fan speed control in the outdoor unit ensures optimum performance even when the outside temperature is low.



Auto Restart

Especially useful at time of power outages, the unit turns back on automatically when power is restored.



"I Save"

"I Save" is a simplified setting function that recalls the preferred (preset) temperature by pressing a single button on the remote controller.



Multisplit connection

The indoor unit can be connected to multisplit inverter system.



MELCloud, Wi-Fi control

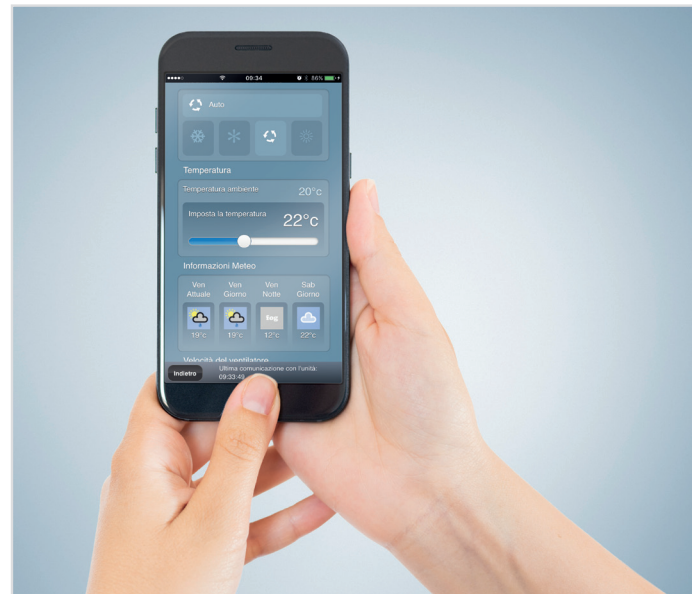
MELCloud is a new Cloud-based solution for controlling air-conditioner either locally or remotely by computer, tablet or smartphone, via internet.

Setting up and remotely operating via MELCloud is simple, and straight forward. All you need is wireless computer connectivity in your home or the building where the air-conditioner is installed and an Internet connection on your mobile or fixed terminal.

System registration

To activate MELCloud system it's mandatory register the system. To set up the system, the router and the WiFi interface must be paired, and this is done simply and quickly using the WPS button found on all mainstream routers.

When the interface is paired, it's possible to proceed with system registration. It's suggested to reach the website "melcloud.com", register yourself as user and register the interface.



Air-conditioner commands

Main functions:

- On / Off
- Mode (Auto/Heat./Cooling/Ventilation)
- Fan speed
- Weekly timer
- Flap tilt adjustment
- Room temperature detection and setting
- Meteo informations
(functions depends on internal unit installed)

Ecodan® Controls

Main functions:

- On / Off
- Mode (Auto/Heat./Cooling)
- 2 Zone Controls
- Domestic Hot Water forcing
- Weekly timer
- Report
- Room temperature detection and setting
- Meteo informations

Lossnay ventilation system control

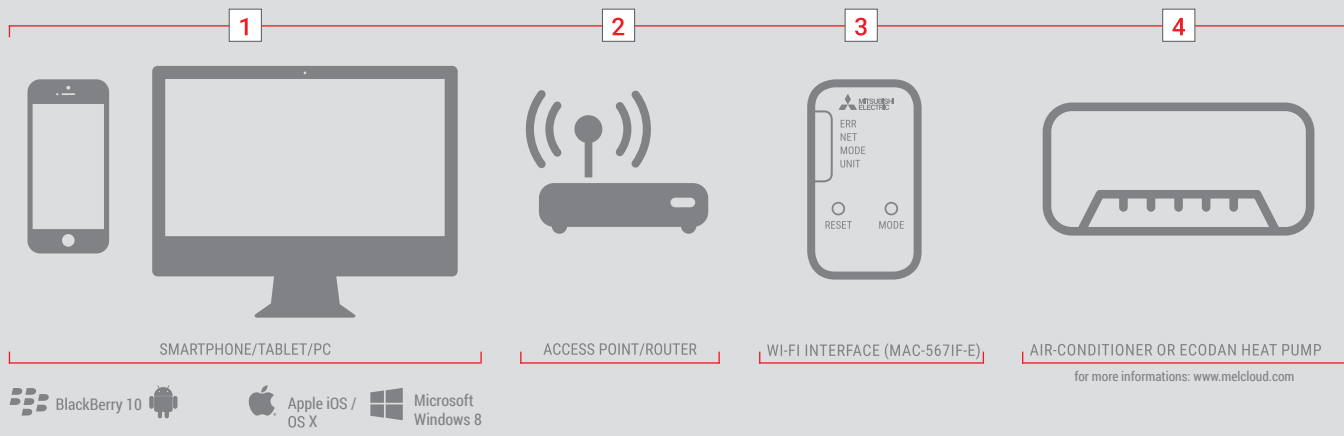
Main functions:

- On / Off
- Ventilation mode
- Fan speed
- Timer



MELCloud® - SYSTEM COMPONENTS

WWW.MELCLOUD.COM



MSZ-LN

M SERIES - WALL MOUNTED

DC Inverter/Heat pump

霧峰 KIRIGAMINE
Style



R32

A+++
A+++

19
°C (A)

MELCloud[®]
BUILT IN

GOOD DESIGN
AWARD 2016
BEST
100

Plasma
Quad
Plus

3D
I-see
Sensor

Dual
Barrier
Coating

- Luminous and luxurious design
- Superlative performances
- Double flap - horizontal and vertical vanes move independently
- WiFi built in
- **Plasma Quad Plus filter for high air quality**
- **3D I-see-Sensor**
- New **Dual Barrier Coating technology**
- New refrigerant (R32) - Reduced environmental impact
- Multisplit compatible

Key Technologies

*Optional

Technical specifications DC INVERTER / HEAT PUMP

MODEL		SET	MSZ-LN18VG	MSZ-LN25VG	MSZ-LN35VG	MSZ-LN50VG	MSZ-LN60VG	
		Indoor Unit	MSZ-LN18VGW/V/R/B	MSZ-LN25VGW/V/R/B	MSZ-LN35VGW/V/R/B	MSZ-LN50VGW/V/R/B	MSZ-LN60VGW/V/R/B	
		Outdoor Unit	for MXZ connection	MUZ-LN25VG	MUZ-LN35VG	MUZ-LN50VG	MUZ-LN60VG	
Cooling	Capacity (rated/min/max)	T=+35°C	kW	-	2,5 (1,0 - 3,5)	3,5 (0,8 - 4,0)	5,0 (1,0 - 6,0)	6,1 (1,4-6,9)
	Total Input (rated)	T=+35°C	kW	-	0,485	0,82	1,381	1,79
	Design Load (PdesignC)	T=+35°C	kW	-	2,5	3,5	5	6,1
	SEER			-	10,5	9,5	8,5	7,5
	Energy efficiency class			-	A+++	A+++	A+++	A++
	Annual electric consumption ¹		kWh/a	-	83	128	205	285
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	-	3,2 (0,8 - 5,4)	4,0 (1,0 - 6,3)	6,0 (1,0 - 8,2)	6,8 (1,8 - 9,3)
	Total Input (rated)	T=+7°C	kW	-	0,58	0,8	1,48	1,81
	Design Load (Pdesignh)	T=-10°C	kW	-	3	3,6	4,5	6
	SCOP			-	5,2	5,1	4,6	4,6
	Classe di efficienza energetica			-	A+++	A+++	A++	A++
	Annual electric consumption ¹		kWh/a	-	794	974	1369	1826
Indoor Unit	Dimensions	H x W x D	mm	307 x 890 x 233	307 x 890 x 233	307 x 890 x 233	307 x 890 x 233	307 x 890 x 233
	Sound level (SLP)	Cooling	dB(A)	19 - 23 - 29 - 36 - 42	19 - 23 - 29 - 36 - 42	19 - 24 - 29 - 36 - 43	27 - 31 - 35 - 39 - 46	29 - 37 - 41 - 45 - 49
		Heating	dB(A)	19 - 24 - 29 - 36 - 45	19 - 24 - 29 - 36 - 45	19 - 24 - 29 - 36 - 45	25 - 29 - 34 - 39 - 47	29 - 37 - 41 - 45 - 49
Sound level (PWL)	Rated	dB(A)	58	58	58	60	65	
Outdoor unit	Dimensions	H x W x D	mm	-	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285	880 x 840 x 330
	Sound level (SLP)	min/max	dB(A)	-	46 / 49	49 / 50	51 / 54	55 / 55
	Sound level (PWL)	Rated	dB(A)	-	60	61	64	65
Refrigerant	Pre-charge		kg	-	R32 / 1,00	R32 / 1,00	R32 / 1,25	R32 / 1,45
	GWP ² / Tons CO ₂ Eq.			-	675 / 0,675	675 / 0,675	675 / 0,78	675 / 0,98

^{1,2} Refer to pag. 56 for notes

Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-2390FT-E	Silver-ion air purification filter	12 months	Optional
MAC-3010FT-E	Deodorizing filter	-	Built-in
MAC-1702RA-E	External input connector	-	Optional

MSZ-LN Hyper Heating

M SERIES - WALL MOUNTED

DC Inverter/Heat pump

霧峰 KIRIGAMINE
Style



R32

A+++
A+++

19
°C (A)

MELCloud[®]
BUILT IN

GOOD DESIGN
AWARD 2016
BEST
100

Plasma
Quad
Plus

3D
I-see
Sensor

Dual
Barrier
Coating

- Luminous and luxurious design
- Superlative performances
- Double flap - horizontal and vertical vanes move independently
- WiFi built in
- **Plasma Quad Plus filter for high air quality**
- **3D I-see-Sensor**
- New **Dual Barrier Coating technology**
- Enhanced performance under low out-door temperature
- Multisplit compatible

Key Technologies

*Optional

Technical specifications DC INVERTER / HEAT PUMP

MODEL		SET	MSZ-LN25VG	MSZ-LN35VG	MSZ-LN50VG	
		Indoor Unit	MSZ-LN25VGW/V/R/B	MSZ-LN35VGW/V/R/B	MSZ-LN50VGW/V/R/B	
		Outdoor Unit	MUZ-LN25VGHZ	MUZ-LN35VGHZ	MUZ-LN50VGHZ	
Cooling	Capacity (rated/min/max)	T=+35°C	kW	2,5 (0,8 - 3,5)	3,5 (0,8 - 4,0)	5,0 (1,4 - 5,8)
	Total Input (rated)	T=+35°C	kW	0,485	0,82	1,38
	Design Load (PdesignC)	T=+35°C	kW	2,5	3,5	5
	SEER			10,5	9,4	7,6
	Energy efficiency class			A+++	A+++	A++
Annual electric consumption ¹			kWh/a	83	130	230
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	3,2 (1,0 - 6,3)	4,0 (1,0 - 6,6)	6,0 (1,8 - 8,7)
	Total Input (rated)	T=+7°C	kW	0,58	0,8	1,48
	Design Load (Pdesignh)	T=-10°C	kW	3	3,6	4,5
	SCOP			5,2	5,1	4,6
	Classe di efficienza energetica			A+++	A+++	A++
Annual electric consumption ¹			kWh/a	794	974	1369
Indoor Unit	Dimensions	H x W x D	mm	307 x 890 x 233	307 x 890 x 233	307 x 890 x 233
	Sound level (SLP)	Cooling	dB(A)	19 - 23 - 29 - 36 - 42	19 - 24 - 29 - 36 - 43	27 - 31 - 35 - 39 - 46
		Heating	dB(A)	19 - 24 - 29 - 36 - 45	19 - 24 - 29 - 36 - 45	25 - 29 - 34 - 39 - 47
Sound level (PWL)	Rated	dB(A)	58	58	60	
Outdoor unit	Dimensions	H x W x D	mm	550 x 800 x 285	550 x 800 x 285	880 x 840 x 330
	Sound level (SLP)	min/max	dB(A)	46 / 49	49 / 50	51 / 54
	Sound level (PWL)	Rated	dB(A)	60	61	64
Refrigerant	Pre-charge		kg	R32 / 1,00	R32 / 1,00	R32 / 1,25
	GWP ² / Tons CO ₂ Eq.			675 / 0,675	675 / 0,675	675 / 0,78

^{1,2} Refer to pag. 56 for notes

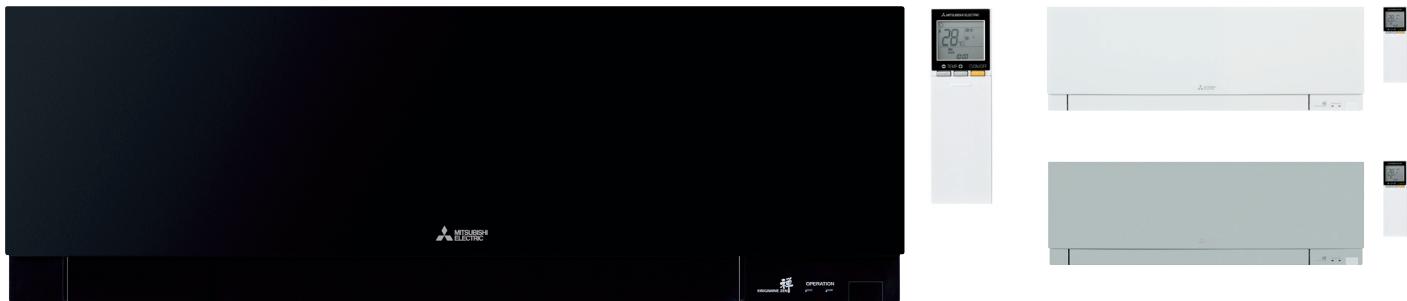
Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-2390FT-E	Silver-ion air purification filter	12 months	Optional
MAC-3010FT-E	Deodorizing filter	-	Built-in
MAC-1702RA-E	External input connector	-	Optional

MSZ-EF

M SERIES - WALL MOUNTED

DC Inverter/Heat pump

禪
KIRIGAMINE ZEN



- Classy design
- Backlit remote
- High energy efficiency
- Quiet comfort all day long
- Silver Ion purification filter built-in
- Weekly timer
- Multisplit compatible



Key Technologies

*Optional

Technical specifications DC INVERTER / HEAT PUMP

MODEL			SET	MSZ-EF18VG	MSZ-EF22VG	MSZ-EF25VG	MSZ-EF35VG	MSZ-EF42VG	MSZ-EF50VG
			Indoor Unit	MSZ-EF18VGW	MSZ-EF22VGW/B/S	MSZ-EF25VGW/B/S	MSZ-EF35VGW/B/S	MSZ-EF42VGW/B/S	MSZ-EF50VGW/B/S
			Outdoor Unit	SOLO MULTISPLIT	SOLO MULTISPLIT	MUZ-EF25VG	MUZ-EF35VG	MUZ-EF42VG	MUZ-EF50VG
Cooling	Capacity (rated/min/max)	T=+35°C	kW	1,8	2,2	2,5 (0,9-3,4)	3,5 (1,1-4,0)	4,2 (0,9-4,6)	5,0 (1,4-5,4)
	Total Input (rated)	T=+35°C	kW	-	-	0,54	0,91	1,20	1,55
	Design Load (PdesignC)	T=+35°C	kW	-	-	2,5	3,5	4,2	5,0
	SEER			-	-	9,1	8,8	7,9	7,5
	Energy efficiency class			-	-	A+++	A+++	A++	A++
Annual electric consumption ¹			kWh/a	-	-	96	139	186	233
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	2,5	3	3,2 (1,0-4,2)	4,0 (1,3-5,1)	5,4 (1,3-6,3)	5,8 (1,4-7,5)
	Total Input (rated)	T=+7°C	kW	-	-	0,700	0,950	1,455	1,560
	Design Load (PdesignH)	T=-10°C	kW	-	-	2,4	2,9	3,8	4,2
	SCOP			-	-	4,7	4,6	4,6	4,5
	Energy efficiency class			-	-	A++	A++	A++	A+
Annual electric consumption ¹			kWh/a	-	-	713	882	1151	1304
Indoor Unit	Dimensions	H x W x D	mm	299 x 885 x 195	299 x 885 x 195	299 x 885 x 195	299 x 885 x 195	299 x 885 x 195	299 x 885 x 195
	Sound level (SLP)	Cooling	dB(A)	19-23-29-36-42	19-23-29-36-42	19-23-29-36-42	21-24-30-36-42	28-31-35-39-43	30-33-36-40-43
		Heating	dB(A)	21-24-29-37-45	21-24-29-37-45	21-24-29-37-45	21-24-30-38-46	28-30-35-41-48	30-33-37-43-49
Sound level (PWL)	Rated	dB(A)	-	-	60	60	60	60	
Outdoor unit	Dimensions	H x W x D	mm	-	-	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285
	Sound level (SLP)	min/max	dB(A)	-	-	47-48	49-50	50-51	52-52
	Sound level (PWL)	Rated	dB(A)	-	-	58	62	62	65
Refrigerant	Pre-charge		kg	R-32 / -	R-32 / -	R-32 / 0,62	R-32 / 0,74	R-32 / 0,74	R-32 / 0,70
	GWP ² / Tons CO ₂ Eq.			675 / -	675 / -	675 / 0,42	675 / 0,50	675 / 0,50	675 / 0,71

^{1,2} Refer to pag. 56 for notes

Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-2370FT-E / MAC-2320FT-E	Silver-ion air purification filter	12 months	Built-in
MAC-5671F-E	Wi-Fi interface	-	Optional

NEW

MSZ-AP

M SERIES - WALL MOUNTED
DC Inverter/Heat pump

PLUS



- Compact and smart design
- High energy efficiency
- Auto vane control - left and right, up and down movements
- Horizontal airflow
- Quiet operation
- Weekly timer
- Multisplit compatible

R32

A+++
A++

19² (A)

MELCloud[®]
OPTIONAL

reddot award 2018
winner

Key Technologies

* Optional, ¹ 25-50

Technical specifications DC INVERTER / HEAT PUMP

MODEL		SET	MSZ-AP15VG	MSZ-AP20VG	MSZ-AP25VG (K)	MSZ-AP35VG (K)	MSZ-AP42VG (K)	MSZ-AP50VG (K)	
		Indoor Unit	MSZ-AP15VG	MSZ-AP20VG	MSZ-AP25VG	MSZ-AP35VG	MSZ-AP42VG	MSZ-AP50VG	
		Outdoor Unit	SOLO MULTISPLIT	MUZ-AP20VG	MUZ-AP25VG(H)	MUZ-AP35VG(H)	MUZ-AP42VG(H)	MUZ-AP50VG(H)	
Cooling	Capacity (rated/min/max)	T=+35°C	kW	1,5 (0,9 - 2,4)	2,0 (0,9 - 2,6)	2,5 (0,9 - 3,4)	3,5 (1,1 - 3,8)	4,2 (0,9 - 4,5)	5,0 (1,4 - 5,4)
	Total Input (rated)	T=+35°C	kW	-	0,46	0,6	0,99	1,3	1,55
	Design Load (PdesignC)	T=+35°C	kW	-	2,0	2,5	3,5	4,2	5
	SEER			-	8,6	8,6	8,6	7,8	7,4
	Energy efficiency class			-	A+++	A+++	A+++	A++	A++
Annual electric consumption ¹			kWh/a	-	nd	101	142	188	236
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	1,7 (0,9 - 3,1)	2,5 (0,9 - 3,1)	3,2 (1,0 4,1)	4,0 (1,3 - 4,6)	5,4 (1,3 - 6,0)	5,8 (1,4 - 7,3)
	Total Input (rated)	T=+7°C	kW	-	0,6	0,78	1,03	1,49	1,6
	Design Load (Pdesignh)	T=-10°C	kW	-	nd	2,4	2,9	3,8	4,2
	SCOP			-	4,1	4,8	4,7	4,7	4,7
	Energy efficiency class			-	A+	A++	A++	A++	A++
Annual electric consumption ¹			kWh/a	-	nd	698	862	1120	1250
Indoor Unit	Dimensions	H x W x D	mm	250 x 760 x 178	250 x 760 x 178	299 x 798 x 219	299 x 798 x 219	299 x 798 x 219	299 x 798 x 219
	Sound level (SLP)	Cooling	dB(A)	21-26-30-35-40	21-26-30-35-42	19-24-30-36-42	19-24-30-36-42	21-29-34-38-42	28-33-36-40-44
		Heating	dB(A)	21-26-30-35-40	21-26-30-35-42	19-24-34-39-45	19-24-31-38-45	21-29-35-40-45	28-33-38-43-48
Sound level (PWL)	Rated	dB(A)	59	60	57	57	57	58	
Outdoor unit	Dimensions	H x W x D	mm	-	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285
	Sound level (SLP)	min/max	dB(A)	-	nd	47 / 48	49 / 50	50 / 51	52 / 52
	Sound level (PWL)	Rated	dB(A)	-	nd	59	61	61	64
Refrigerant	Pre-charge		kg	R32 / -	R32 / 0,55	R32 / 0,55	R32 / 0,55	R32 / 0,70	R32 / 1,00
	GWP ² / Tons CO ₂ Eq.			675 / -	675 / 0,37	675 / 0,37	675 / 0,37	675 / 0,47	675 / 0,68

^{1,2} Refer to pag. 56 for notes

Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-2370FT-E / MAC-2320FT-E	Silver-ion air purification filter	12 months	Optional
MAC-1702RA-E	External input connector (25-50 sizes)	-	Optional
MAC-567IF-E	Wi-Fi interface	-	Optional

Key Technologies

* Optional

Technical specifications DC INVERTER / HEAT PUMP

MODEL			SET	MSZ-AP60VG (K)	MSZ-AP71VG (K)
			Indoor Unit	MSZ-AP60VG	MSZ-AP71VG
			Outdoor Unit	MUZ-AP60VG	MUZ-AP71VG
Cooling	Capacity (rated/min/max)	T=+35°C	kW	6,1 (1,4 - 7,3)	7,1 (2,0 - 8,7)
	Total Input (rated)	T=+35°C	kW	1,59	2,01
	SEER			7,4	7,2
	Energy efficiency class			A++	A++
	Annual electric consumption ¹		kWh/a	288	345
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	6,8 (2,0 - 8,6)	8,1 (2,2 - 10,3)
	Total Input (rated)	T=+7°C	kW	1,67	2,12
	Design Load (<i>Pdesignh</i>)	T=-10°C	kW	4,6	6,7
	SCOP			4,6	4,4
	Annual electric consumption ¹		kWh/a	1398	2132
Indoor Unit	Dimensions	H x W x D	mm	325 x 1100 x 257	325 x 1100 x 257
	Sound level (SLP)	Cooling	dB(A)	29 - 37 - 41 - 45 - 48	30 - 37 - 41 - 45 - 49
		Heating	dB(A)	30 - 37 - 41 - 45 - 48	30 - 37 - 41 - 45 - 51
	Sound level (PWL)	Rated	dB(A)	65	65
Outdoor unit	Dimensions	H x W x D	mm	714 x 800 x 285	880 x 840 x 330
	Sound level (SLP)	min/max	dB(A)	56 - 57	55 - 56
	Sound level (PWL)	Rated	dB(A)	69	69
Refrigerant	Pre-charge		kg	R32 / 1,05	R32 / 1,50
	GWP ² / Tons CO ₂ Eq.			675 / 0,71	675 / 1,02

^{1,2} Refer to pag. 56 for notes

Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-567IF-E	Wi-Fi interface	-	Optional
MAC-2360FT-E	Silver-ion air purification filter	-	Optional

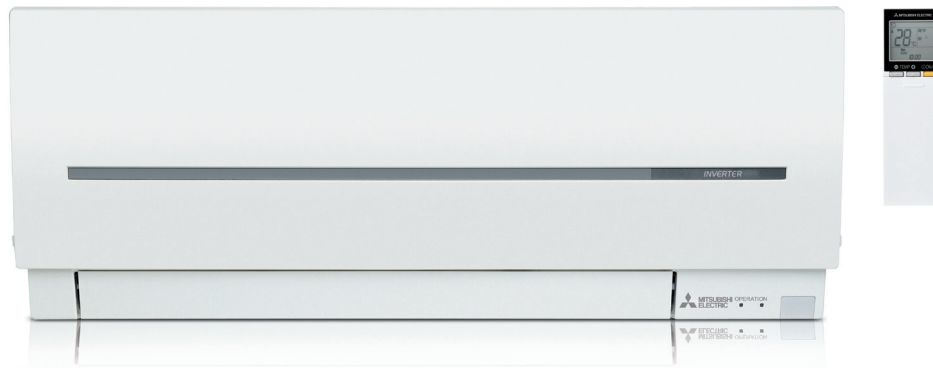


MSZ-SF

M SERIES - WALL MOUNTED

DC Inverter/Heat pump

PLUS



- Compact and thin design
- High energy efficiency
- Quiet operation
- Weekly timer
- Multisplit compatible



Key Technologies

* Optional, 1 25-50

Technical specifications DC INVERTER / HEAT PUMP

MODEL			SET	MSZ-SF15VA	MSZ-SF20VA	MSZ-SF25VE	MSZ-SF35VE	MSZ-SF42VE	MSZ-SF50VE
			Indoor Unit	MSZ-SF15VA	MSZ-SF20VA	MSZ-SF25VE3	MSZ-SF35VE3	MSZ-SF42VE3	MSZ-SF50VE3
			Outdoor Unit	SOLO MULTISPLIT	SOLO MULTISPLIT	MUZ-SF25VE(H)	MUZ-SF35VE(H)	MUZ-SF42VE(H)	MUZ-SF50VE(H)
Cooling	Capacity (rated/min/max)	T=+35°C	kW	1,5 (0,9-2,4)	2,0 (0,9-2,6)	2,5 (0,9-3,4)	3,5 (1,1-3,8)	4,2 (0,8-4,5)	5,0(1,4-5,4)
	Total Input (rated)	T=+35°C	kW	-	-	0,600	1,080	1,340	1,660
	Design Load (<i>PdesignC</i>)	T=+35°C	kW	-	-	2,5	3,5	4,2	5,0
	SEER			-	-	7,6	7,2	7,5	7,2
	Energy efficiency class			-	-	A++	A++	A++	A++
Annual electric consumption ¹			kWh/a	-	-	116	171	196	246
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	1,7 (0,9-3,1)	2,2 (0,9-3,1)	3,2 (1,0-4,1)	4,0 (1,3-4,6)	5,4 (1,3-6,0)	5,8 (1,4-7,3)
	Total Input (rated)	T=+7°C	kW	-	-	0,780	1,030	1,580	1,700
	Design Load (<i>Pdesignh</i>)	T=-10°C	kW	-	-	2,4	2,9	3,8	4,2
	SCOP			-	-	4,4	4,4	4,4	4,4
	Energy efficiency class			-	-	A+	A+	A+	A+
Annual electric consumption ¹			kWh/a	-	-	764	923	1215	1351
Indoor Unit	Dimensions	H x W x D	mm	250 x 760 x 168	250 x 760 x 168	299 x 798 x 195	299 x 798 x 195	299 x 798 x 195	299 x 798 x 195
	Sound level (SLP)	Cooling	dB(A)	21-26-30-35-40	21-26-30-35-42	19-24-30-36-42	19-24-30-36-42	26-31-34-38-42	28-33-36-40-45
		Heating	dB(A)	21-26-30-35-40	21-26-30-35-42	19-24-34-39-45	19-24-34-40-46	26-31-36-42-47	28-33-38-43-49
Sound level (PWL)	Rated	dB(A)	-	-	57	57	57	58	
Outdoor unit	Dimensions	H x W x D	mm	-	-	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	880 x 840 x 330
	Sound level (SLP)	min/max	dB(A)	-	-	47/48	49/50	50/51	52/52
	Sound level (PWL)	Rated	dB(A)	-	-	58	62	63	65
Refrigerant	Pre-charge		kg	R410A / -	R410A / -	R410A / 0,70	R410A / 0,80	R410A / 1,15	R410A / 1,55
	GWP ² / Tons CO ₂ Eq.			2088 / -	2088 / -	2088 / 1,46	2088 / 1,67	2088 / 2,40	2088 / 3,24

^{1,2} Refer to pag. 56 for notes

Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-2370FT-E / MAC-2320FT-E	Silver-ion air purification filter	12 months	Optional
MAC-567IF-E	Wi-Fi interface	--	Optional

MSZ-GF

M SERIES - WALL MOUNTED

DC Inverter/Heat pump

















PLUS



- Designed for Open Space and large environment
- High energy efficiency
- "Wide & Long" air distribution
- Weekly timer
- Multisplit compatible



Key Technologies

															
* Optional															

Technical specifications DC INVERTER / HEAT PUMP

MODEL			SET	MSZ-GF60VE	MSZ-GF71VE
			Indoor Unit	MSZ-GF60VE2	MSZ-GF71VE2
			Outdoor Unit	MUZ-GF60VE	MUZ-GF71VE
Cooling	Capacity (rated/min/max)	T=+35°C	kW	6,1 (1,4-7,5)	7,1 (2,0-8,7)
	Total Input (rated)	T=+35°C	kW	1,79	2,13
	Design Load (<i>PdesignC</i>)	T=+35°C	kW	6,1	7,1
	SEER			6,8	6,8
	Energy efficiency class			A++	A++
Annual electric consumption ¹			kWh/a	311	364
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	6,8 (2,0-9,3)	8,1 (2,2-9,9)
	Total Input (rated)	T=+7°C	kW	1,81	2,23
	Design Load (<i>Pdesignh</i>)	T=-10°C	kW	4,6	6,7
	SCOP			4,3	4,2
	Energy efficiency class			A+	A+
Annual electric consumption ¹			kWh/a	1489	2204
Indoor Unit	Dimensions	H x W x D	mm	325 x 1100 x 238	325 x 1100 x 238
	Sound level (SLP)	Cooling	dB(A)	29-37-41-45-49	30-37-41-45-49
		Heating	dB(A)	29-37-41-45-49	30-37-41-45-49
	Sound level (PWL)	Rated	dB(A)	65	65
Outdoor unit	Dimensions	H x W x D	mm	880 x 840 x 330	880 x 840 x 330
	Sound level (SLP)	min/max	dB(A)	55-55	55-55
	Sound level (PWL)	Rated	dB(A)	65	65
Refrigerant	Pre-charge		kg	R410A / 1,55	R410A / 1,90
	GWP ² / Tons CO ₂ Eq.			2088 / 3,24	2088 / 3,97

^{1,2} Refer to pag. 56 for notes

Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-567IF-E	Wi-Fi interface	-	Optional
MAC-2360FT-E	Silver-ion air purification filter	-	Optional

NEW

MSZ-HR

M SERIES - WALL MOUNTED

DC Inverter/Heat pump

SMART

Series



- Smart and friendly design
- Silent operation
- Energy Efficiency










R32

A+++
A+

21¹ (A)

MELCloud[®]
OPZIONAL

Key Technologies

									*
* Optional									

Technical specifications DC INVERTER / HEAT PUMP

MODEL			SET	MSZ-HR25VF	MSZ-HR35VF	MSZ-HR42VF	MSZ-HR50VF
			Indoor Unit	MSZ-HR25VF	MSZ-HR35VF	MSZ-HR42VF	MSZ-HR50VF
			Outdoor Unit	MUZ-HR25VF	MUZ-HR35VF	MUZ-HR42VF	MUZ-HR50VF
Cooling	Capacity (rated/min/max)	T=+35°C	kW	2,5 (0,5 - 2,9)	3,4 (0,9 - 3,4)	4,2 (1,1 - 4,6)	5,0 (1,3 - 5,0)
	Total Input (rated)	T=+35°C	kW	0,8	1,21	1,34	2,05
	Design Load (PdesignC)	T=+35°C	kW	2,5	3,5	4,2	5,0
	SEER			6,2	6,2	6,5	6,5
	Energy efficiency class			A++	A++	A++	A++
Annual electric consumption ¹			kWh/a	141	191	226	269
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	3,15 (0,7 - 3,5)	3,6 (0,9 - 3,7)	4,7 (0,9 - 5,4)	5,4 (1,4 - 6,5)
	Total Input (rated)	T=+7°C	kW	0,85	0,975	1,3	1,55
	Design Load (Pdesignh)	T=-10°C	kW	1,9	2,4	2,9	3,8
	SCOP			4,3	4,3	4,3	4,3
	Energy efficiency class			A+	A+	A+	A+
Annual electric consumption ¹			kWh/a	614	781	928	1224
Indoor Unit	Dimensions	H x W x D	mm	280 x 838 x 228			
	Sound level (SLP)	Cooling	dB(A)	21 - 30 - 37 - 43	22 - 31 - 38 - 46	24 - 34 - 39 - 45	28 - 36 - 40 - 45
		Heating	dB(A)	21 - 30 - 37 - 43	21 - 30 - 37 - 44	24 - 32 - 40 - 46	27 - 34 - 41 - 47
Sound level (PWL)	Rated	dB(A)	57	60	60	60	
Outdoor unit	Dimensions	H x W x D	mm	538 x 699 x 249	538 x 699 x 249	550 x 800 x 285	714 x 800 x 285
	Sound level (SLP)	min/max	dB(A)	50	51	50	50
	Sound level (PWL)	Rated	dB(A)	63	64	64	64
Refrigerant	Pre-charge		kg	R32 / 0,4	R32 / 0,45	R32 / 0,70	R32 / 0,8
	GWP ² / Tons CO ₂ Eq.			675 / 0,27	675 / 0,30	675 / 0,47	675 / 0,54

^{1,2} Refer to pag. 56 for notes

Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-2370FT-E	Silver-ion air purification filter	12 months	Optional
MAC-1702RA-E	External input connector	-	Optional
MAC-567IF-E	Wi-Fi interface	-	Optional

MSZ-HJ

M SERIES - WALL MOUNTED

DC Inverter/Heat pump

SMART
Series



- Flat panel and basic design
- Silent operation



Key Technologies



Technical specifications DC INVERTER / HEAT PUMP

MODEL			SET	MSZ-HJ25VA	MSZ-HJ35VA	MSZ-HJ50VA	MSZ-HJ60VA	MSZ-HJ71VA
			Indoor Unit	MSZ-HJ25VA	MSZ-HJ35VA	MSZ-HJ50VA	MSZ-HJ60VA	MSZ-HJ60VA
			Outdoor Unit	MUZ-HJ25VA	MUZ-HJ35VA	MUZ-HJ50VA	MUZ-HJ60VA	MUZ-HJ60VA
Cooling	Capacity (rated/min/max)	T=+35°C	kW	2,5 (1,3 - 3,0)	3,15 (1,4 - 3,5)	5,0 (1,3 - 5,0)	6,1 (1,7 - 7,1)	7,1 (1,8 - 7,1)
	Total Input (rated)	T=+35°C	kW	0,73	1,04	2,05	1,9	2,33
	Design Load (<i>P_{designC}</i>)	T=+35°C	kW	1,9	2,4	3,8	4,6	5,4
	SEER			5,1	5,1	6,0	6,0	5,6
	Energy efficiency class			A	A	A+	A+	A+
Annual electric consumption ¹			kWh/a	171	212	292	354	441
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	3,15 (0,9 - 3,5)	3,6 (1,1 - 4,1)	5,4 (1,4 - 6,5)	6,8 (1,5 - 8,4)	8,1 (1,5 - 8,5)
	Total Input (rated)	T=+7°C	kW	0,87	0,995	1,48	1,97	2,44
	Design Load (<i>P_{designH}</i>)	T=-10°C	kW	1,9	2,4	3,8	4,6	5,4
	SCOP			3,8	3,8	4,2	4,1	4,0
	Energy efficiency class			A	A	A+	A+	A+
Annual electric consumption ¹			kWh/a	698	885	1267	1544	1854
Indoor Unit	Dimensions	H x W x D	mm	290 x 799 x 232	290 x 799 x 232	290 x 799 x 232	305 x 923 x 250	305 x 923 x 250
	Sound level (SLP)	Cooling	dB(A)	22 - 30 - 37 - 43	22 - 31 - 38 - 45,3	28 - 36 - 40 - 45	31 - 38 - 44 - 50	33 - 38 - 44 - 50
		Heating	dB(A)	23 - 30 - 37 - 43	23 - 30 - 37 - 44	22 - 30 - 37 - 47	31 - 38 - 44 - 49	33 - 38 - 44 - 49
Sound level (PWL)	Rated	dB(A)	57	60	60	65	65	
Outdoor unit	Dimensions	H x W x D	mm	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285	880 x 840 x 330	880 x 840 x 330
	Sound level (SLP)	min/max	dB(A)	50	50	50	55	55
	Sound level (PWL)	Rated	dB(A)	63	64	64	65	66
Refrigerant	Pre-charge		kg	R410A / 0,70	R410A / 0,72	R410A / 1,15	R410A / 1,8	R410A / 1,8
	GWP ² / Tons CO ₂ Eq.			2088 / 1,46	2088 / 1,5	2088 / 3,13	2088 / 3,76	2088 / 3,76

^{1,2} Refer to pag. 56 for notes

MFZ-KT

M SERIES - FLOOR STANDING

DC Inverter/Heat Pump

PLUS



- Smooth and fine design
- High energy efficiency
- Designed for heating
- Quiet operation
- Weekly timer
- Multisplit compatible

R32

A++
A+

19
dB(A)

MELCloud
OPTIONAL

Key Technologies

* Optional

Technical specifications DC INVERTER / HEAT PUMP

MODEL			SET	MFZ-KT25VG	MFZ-KT35VG	MFZ-KT50VG	MFZ-KT60VG
			Indoor Unit	MFZ-KT25VG	MFZ-KT35VG	MFZ-KT50VG	MFZ-KT60VG
			Outdoor Unit	SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA
Cooling	Capacity (rated/min/max)	T=+35°C	kW	2,5	3,5	5	6
	Total Input (rated)	T=+35°C	kW	0,625	1,06	1,55	1,81
	Design Load (<i>P_{designC}</i>)	T=+35°C	kW	-	-	-	-
	SEER			6,5	6,6	6,8	6,2
	Energy efficiency class			A++	A++	A++	A++
Annual electric consumption ¹			kWh/a	-	-	-	-
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	3,4	4,3	4,2	4,1
	Total Input (rated)	T=+7°C	kW	0,99	1,26	2,00	2,18
	Design Load (<i>P_{designH}</i>)	T=-10°C	kW	-	-	-	-
	SCOP			4,2	4,4	4,2	4,1
	Energy efficiency class			A+	A+	A+	A+
Annual electric consumption ¹			kWh/a	-	-	-	-
Indoor Unit	Dimensions	H x W x D	mm	600 x 750 x 215	600 x 750 x 215	600 x 750 x 215	600 x 750 x 215
	Sound level (SLP)	Cooling	dB(A)	20 - 25 - 31 - 37 - 41	20 - 25 - 30 - 35 - 39	28 - 32 - 37 - 42 - 48	28 - 36 - 40 - 46 - 53
		Heating	dB(A)	19 - 25 - 30 - 37 - 44	19 - 25 - 30 - 37 - 44	29 - 35 - 40 - 45 - 50	29 - 35 - 40 - 45 - 50
Sound level (PWL)	Rated	dB(A)	-	-	-	-	
Outdoor unit	Dimensions	H x W x D	mm	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285	880 x 840 x 330
	Sound level (SLP)	min/max	dB(A)	45	48	48	49
	Sound level (PWL)	Rated	dB(A)	46	48	49	51
Refrigerant	Pre-charge		kg	-	-	-	-
	GWP ² / Tons CO ₂ Eq.			675/-	675/-	675/-	675/-

^{1,2} Refer to pag. 56 for notes

Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-2370FT-E / MAC-408FT-E	Silver-ion air purifying filter	12 months	Built-in
MAC-1702RA-E	External input connector	-	Optional
MAC-5671F-E	Wi-Fi interface	-	Optional

MFZ-KJ

M SERIES - FLOOR STANDING

DC Inverter/Heat Pump

PLUS



- Basic and polished design
- High energy efficiency
- Designed for heating
- Quiet operation
- Weekly timer
- Multisplit compatible
















R410A

A+++
A+

19^{dB(A)}

MELCloud[™]
OPTIONAL

Key Technologies

														
* Optional														

Technical specifications DC INVERTER / HEAT PUMP

MODEL			SET	MFZ-KJ25VE	MFZ-KJ35VE	MFZ-KJ50VE
			Indoor Unit	MFZ-KJ25VE2	MFZ-KJ35VE2	MFZ-KJ50VE2
			Outdoor Unit	MUFZ-KJ25VE	MUFZ-KJ35VE	MUFZ-KJ50VE
Cooling	Capacity (rated/min/max)	T=+35°C	kW	2,5 (0,5 - 3,4)	3,5 (0,5 - 3,7)	5,0 (1,6 - 5,7)
	Total Input (rated)	T=+35°C	kW	0,540	0,940	1,410
	Design Load (<i>P_{designC}</i>)	T=+35°C	kW	2,5	3,5	5,0
	SEER			8,5	8,1	6,5
	Energy efficiency class			A+++	A++	A++
	Annual electric consumption ¹		kWh/a	102	150	266
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	3,4 (1,2 - 4,6)	4,3 (1,2 - 5,5)	6,0 (2,2 - 8,2)
	Total Input (rated)	T=+7°C	kW	0,770	1,100	1,610
	Design Load (<i>P_{designh}</i>)	T=-10°C	kW	3,4	3,5	4,4
	SCOP			4,5	4,4	4,3
	Energy efficiency class			A+	A+	A+
	Annual electric consumption ¹		kWh/a	1059	1110	1406
Indoor Unit	Dimensions	H x W x D	mm	600 x 750 x 215	600 x 750 x 215	600 x 750 x 215
	Sound level (SLP)	Cooling	dB(A)	20-25-30-35-39	20-25-30-35-39	27-31-35-39-44
		Heating	dB(A)	19-25-30-35-41	19-25-30-35-41	29-35-40-45-50
Sound level (PWL)	Rated	dB(A)	49	50	56	
Outdoor unit	Dimensions	H x W x D	mm	550 x 800 x 285	550 x 800 x 285	880 x 840 x 330
	Sound level (SLP)	min/max	dB(A)	46 / 51	47 / 51	49 / 51
	Sound level (PWL)	Rated	dB(A)	59	60	63
Refrigerant	Pre-charge		kg	R410A / 1,10	R410A / 1,10	R410A / 1,50
	GWP ² / Tons CO ₂ Eq.			2088 / 2,30	2088 / 2,30	2088 / 3,13

^{1,2} Refer to pag. 56 for notes

Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-2370FT-E / MAC-408FT-E	Silver-ion air purification filter	12 months	Built-in
MAC-1702RA-E	External input connector	-	Optional
MAC-567IF-E	Wi-Fi interface	-	Optional

MFZ-KJ Hyper Heating

M SERIES - FLOOR STANDING

DC Inverter/Heat Pump

PLUS



- Basic and polished design
- High energy efficiency
- Designed for heating
- Quiet operation
- Weekly timer
- Multisplit compatible

R410A

A+++
A+

19^{dB(A)}

MELCloud
OPTIONAL

Key Technologies

* Optional

Technical specifications DC INVERTER / HEAT PUMP

MODEL			SET	MFZ-KJ25VE	MFZ-KJ35VE	MFZ-KJ50VE
			Indoor Unit	MFZ-KJ25VE2	MFZ-KJ35VE2	MFZ-KJ50VE2
			Outdoor Unit	MUFZ-KJ25VEHZ	MUFZ-KJ35VEHZ	MUFZ-KJ50VEHZ
Cooling	Capacity (rated/min/max)	T=+35°C	kW	2,5 (0,5 - 3,4)	3,5 (0,5 - 3,7)	5,0 (1,6 - 5,7)
	Total Input (rated)	T=+35°C	kW	0,54	0,94	1,41
	Design Load (<i>P_{designC}</i>)	T=+35°C	kW	2,5	3,5	5
	SEER			8,5	8,1	6,5
	Energy efficiency class			A+++	A++	A++
	Annual electric consumption ¹		kWh/a	102	150	266
Heating average season	Capacity (rated/min/max)	T=+7°C	kW	3,4 (1,2 - 4,6)	4,3 (1,2 - 5,5)	6,0 (2,2 - 8,2)
	Total Input (rated)	T=+7°C	kW	0,77	1,1	1,61
	Design Load (<i>P_{designH}</i>)	T=-10°C	kW	3,4	3,5	4,4
	SCOP			4,4	4,3	4,2
	Energy efficiency class			A+	A+	A+
	Annual electric consumption ¹		kWh/a	1059	1110	1406
Indoor Unit	Dimensions	H x W x D	mm	600 x 750 x 215	600 x 750 x 215	600 x 750 x 215
	Sound level (SLP)	Cooling	dB(A)	20-25-30-35-39	20-25-30-35-39	27-31-35-39-44
		Heating	dB(A)	19-25-30-35-41	19-25-30-35-41	29-35-40-45-50
	Sound level (PWL)	Rated	dB(A)	49	50	56
Outdoor unit	Dimensions	H x W x D	mm	550 x 800 x 285	550 x 800 x 285	880 x 840 x 330
	Sound level (SLP)	min/max	dB(A)	46 / 51	47 / 51	49 / 51
	Sound level (PWL)	Rated	dB(A)	59	60	63
Refrigerant	Pre-charge		kg	R410A / 1,10	R410A / 1,10	R410A / 1,50
	GWP ² / Tons CO ₂ Eq.			2088 / 2,30	2088 / 2,30	2088 / 3,13

^{1,2} Refer to pag. 56 for notes

Accessories	DESCRIPTION	DURATION	SERIE/OPZ.
MAC-2370FT-E / MAC-408FT-E	Silver-ion air purification filter	12 months	Built-in
MAC-1702RA-E	External input connector	-	Optional
MAC-5671F-E	Wi-Fi interface	-	Optional



ΔΕΛΤΑ ΘΕΡΜΑΝΣΗ - ΚΛΙΜΑΤΙΣΜΟΣ ΕΠΕ

Μέλος του Ομίλου Εταιρειών Δέλτα Τεχνική

Λεωφ. Ποσειδώνος 51, 18344, Μοσχάτο
Τηλ. 210 94 00 720 • info@deltatechniki.gr
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for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.



The equipment described in this catalogue contain fluorinated gasses such as HFC32 (GWP 675) HFC-410A (GWP 2088). Installation of those equipment must be executed by professional installer based on EU reg. 303/2008 and 517/2014

Τα τεχνικά στοιχεία μπορούν να αλλάξουν χωρίς προηγούμενη ειδοποίηση / Δεκέμβριος 2019

