

SMART.

New inverter MSZ-GE series



**New Model
MSZ-GE42VA**

Features

❖ Elegant Stylish Design MSZ-GE22/50

The new design for the model 22-50 indoor units, features a simple ergonomic square shape and pure white colour that blends with a greater range of interior appointments.

❖ High Efficiency Inverter Saves Energy

Advanced inverter technology gently increases or decreases power to suit the prevailing conditions reaching the desired temperature quicker, more efficiently without severe temperature fluctuations.

❖ "i save" Mode

The "i save" Mode is a simplified setting function that recalls the preferred (preset) temperature at the press of a button on the remote controller. This function ensures the most suitable air conditioning settings are used and savings on power consumption are realized.

❖ Ultra Quiet Operation

Operates at an incredible 19dB (MSZ-GE25/35) at quiet mode and yet still maintains a comfortable indoor climate.



Ultra
Quiet Operation
only **19dB**
*MSZ-GE25/35

❖ Quick Clean *MSZ-GE25/35/50

Quick Clean allows the supply air louvre to be easily removed and the fan behind it cleaned to increase operating efficiency.



QUICK CLEAN

R410A

Type			Inverter Heat Pump (R410A)					
Model Name			MSZ-GE25VA	MSZ-GE35VA	MSZ-GE42VA	MSZ-GE50VA		
Indoor Unit			MSZ-GE25VA	MSZ-GE35VA	MSZ-GE42VA	MSZ-GE50VA		
Outdoor Unit			MUZ-GE25VA	MUZ-GE35VA	MUZ-GE42VA	MUZ-GE50VA		
Power Supply [V, phase, Hz]			230V, Single, 50Hz, Power by Outdoor unit					
Cooling	Capacity	Rated	kW	2.5	3.5	4.2	5.0	
		Min. - Max.	kW	1.1 - 3.5	1.4 - 3.9	0.9 - 4.8	1.4 - 5.4	
	Total Input [Min.-Rated-Max.]		kW	0.205 - 0.560 - 1.145	0.320 - 1.010 - 1.560	0.160 - 1.260 - 1.940	0.320 - 1.640 - 2.060	
	Rated EER			4.46	3.47	3.33	3.05	
		Star Rating		4.0	2.0	2.0	1.5	
	Running Current [Rated]		A	2.9	4.7	5.8	7.4	
	Sound Pressure Level†	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	dB(A)	19 - 21 - 29 - 36 - 42	19 - 22 - 30 - 36 - 43	26 - 30 - 35 - 40 - 46	28 - 33 - 38 - 44 - 49	
Outdoor at 1m (PWL)		dB(A)	46 (58)	47 (61)	50 (62)	54 (69)		
Air Volume	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	L/S	68 - 80 - 111 - 152 - 188	68 - 80 - 111 - 152 - 212	97 - 113 - 143 - 173 - 213	108 - 130 - 160 - 198 - 252		
	Outdoor Unit [Rated]	L/S	543	612	605	817		
Heating	Capacity	Rated	kW	3.2	4.0	5.4	5.8	
		Min. - Max.	kW	1.3 - 4.5	1.4 - 4.8	1.4 - 6.0	1.4 - 7.2	
	Total Input [Min.-Rated-Max.]		kW	0.255 - 0.730 - 1.200	0.340 - 1.030 - 1.550	0.270 - 1.540 - 2.040	0.320 - 1.650 - 2.490	
	COP			4.38	3.88	3.51	3.52	
		Star Rating		4.0	3.0	2.5	2.5	
	Running Current [Rated]		A	3.8	4.8	7.0	7.4	
	Sound Pressure Level†	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	dB(A)	19 - 21 - 29 - 36 - 42	19 - 22 - 30 - 36 - 43	26 - 30 - 35 - 40 - 46	28 - 33 - 37 - 43 - 48	
Outdoor at 1m (PWL)		dB(A)	48 (59)	48 (62)	51 (64)	56 (69)		
Air Volume	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	L/S	68 - 80 - 110 - 152 - 192	68 - 80 - 111 - 152 - 192	97 - 117 - 143 - 173 - 218	108 - 130 - 160 - 203 - 242		
	Outdoor Unit [Rated]	L/S	578	578	580	817		
Operating Current (max.)				7.4	8.6	10.0	13.0	
Indoor Unit	Input	Rated	kW	0.022	0.029	29 / 30	0.043	
	Operating Current (max.)		A	0.4	0.4	0.29 / 0.31	0.5	
	Dimensions		H - W - D	mm	295 - 798 - 232	295 - 798 - 232	295 - 798 - 232	295 - 798 - 232
	Weight		kg	10	10	10	10	
Outdoor Unit	Dimensions		H - W - D	mm	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	850 - 840 - 330
	Weight		kg	30	30	36	54	
	Operating Current (max.)		A	7.0	8.2	9.6	12.5	
	Breaker Size		A	10	10	10	16	
Ext. Piping	Diameter	Liquid (φ) / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	
	Max. Length		m	20	20	20	30	
	Max. Height		m	12	12	12	15	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46		
	Heating	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24		

*SH = Super High



Optional Parts

Part Name	Part Name	Featured in
Anti-allergen Enzyme Filter	MAC-408FT-E	MSZ-GE22/25/35/42/50VA
Quick Clean Kit	MAC-093SS-E	MSZ-GE22/25/35/42/50VA
MA & Contact Terminal Interface	MAC-397IF-E	MSZ-GE22/25/35/42/50VA
M-NET interface	MAC-399IF-E	MSZ-GE22/25/35/42/50VA
Centralised On/Off Remote Controller	MAC-821SC-E	MSZ-GE22/25/35/42/50VA
Wired Remote Controller	PAR-21MAA-J	MSZ-GE22/25/35/42/50VA
Air Outlet Guide	MAC-889SG	MUZ-GE25/35/42/50VA

Outdoor Unit



MUZ-GE25/35/42VA



MUZ-GE50VA

Products in this brochure contain R410A refrigerant. Please refer to installation instructions before installation or servicing of this product. Only licensed persons and companies qualified and experienced in the installation, service and repair of products containing refrigerants should be permitted to do so. The buyer must ensure that the person and/or company who is to install, service or repair the air conditioner has the necessary licences, qualifications and experience to perform the work. Suitable access for warranty and service is required. Refer to conditions of warranty on the Mitsubishi Electric website. For future improvement, specifications, designs of product and availability are subject to change without notice. Please check with your dealer.



Mitsubishi Electric Shizuoka Works acquired ISO9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of Quality warranties for the production of air conditioning equipment. The plant also acquired environmental management system standard ISO 14001 certification.

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