



**mitsubishi
electric**

AIR CONDITIONING SYSTEMS



Mitsubishi
Electric
Quality

MSZ-GE Series

Quality that brings comfort to life!

MSZ-GE SERIES

R410A

DC
Inverter

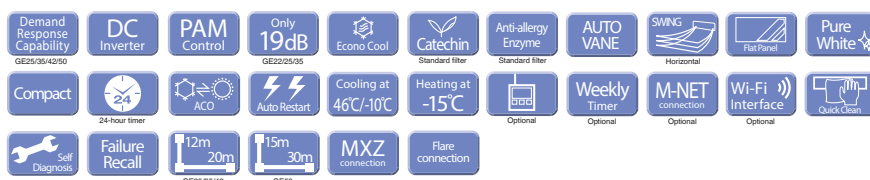
HEAT PUMP

Cleaning-free,
pipe reuse

Indoor Unit



Remote Controller



Outdoor Unit



MUZ-GE25/35/42VAD



MUZ-GE50VAD

Specifications (Wall-mounted Model)

Type			Inverter Heat Pump (R410A)					
Model Name			MSZ-GE25VAD	MSZ-GE35VAD	MSZ-GE42VAD	MSZ-GE50VAD		
Indoor Unit			MSZ-GE25VAD	MSZ-GE35VAD	MSZ-GE42VAD	MSZ-GE50VAD		
Outdoor Unit			MUZ-GE25VAD	MUZ-GE35VAD	MUZ-GE42VAD	MUZ-GE50VAD		
Power Supply [V, Phase, Hz]			230V, Single, 50Hz, Outdoor unit power supply					
Cooling	Capacity [Min-Rated-Max]		kW	1.1 - 2.5 - 3.5	1.1 - 3.5 - 4.0	0.9 - 4.2 - 4.8	1.4 - 4.8 - 5.4	
	Total Input [Min-Rated-Max]		kW	0.205 - 0.560 - 1.145	0.205 - 0.920 - 1.430	0.160 - 1.260 - 1.940	0.320 - 1.480 - 2.060	
	AEER/EER			4.21 / 4.46	3.67 / 3.80	3.25 / 3.33	3.17 / 3.24	
	Star Rating			4.0	3.0	2.0	2.0	
	Running Current [Rated]		A	2.9	4.4	5.8	6.8	
	Sound Pressure Level		IN [Quiet-Lo-Mid-Hi-SHI*] OUT (PWL)	dB(A) dB(A)	19 - 21 - 29 - 36 - 42 46 (58)	19 - 22 - 30 - 36 - 43 47 (61)	26 - 30 - 35 - 40 - 46 50 (62)	28 - 33 - 38 - 44 - 49 54 (69)
	Air Volume (IN) [Quiet-SHI*]		L/S	68 - 188	68 - 212	97 - 213	108 - 252	
Heating	Capacity [Min-Rated-Max]		kW	1.3 - 3.2 - 4.1	1.6 - 4.0 - 5.3	1.4 - 5.4 - 6.0	1.4 - 5.8 - 7.2	
	Total Input [Min-Rated-Max]		kW	0.255 - 0.730 - 1.200	0.340 - 0.990 - 1.680	0.270 - 1.540 - 2.040	0.320 - 1.650 - 2.490	
	ACOP/COP			4.19 / 4.38	3.91 / 4.04	3.43 / 3.51	3.44 / 3.52	
	Star Rating			4.0	3.5	2.5	2.5	
	Running Current [Rated]		A	3.8	4.6	7.0	7.4	
	Sound Pressure Level		IN [Quiet-Lo-Mid-Hi-SHI*] OUT (PWL)	dB(A) dB(A)	19 - 21 - 29 - 36 - 42 48 (59)	19 - 22 - 30 - 36 - 43 48 (62)	26 - 30 - 35 - 40 - 46 51 (64)	28 - 33 - 37 - 43 - 48 56 (69)
	Air Volume (IN) [Quiet-SHI*]		L/S	68 - 192	68 - 192	97 - 218	108 - 242	
Starting Current		A	3.8	4.6	7.0	7.4		
Max. Running Current		A	7.4	8.6	10.0	13.0		
Indoor Unit	Input [Rated] (Cooling/Heating)		W	22 / 23	29 / 23	29 / 30	43 / 39	
	Dimensions [HxWxD]		mm	295 x 798 x 232	295 x 798 x 232	295 x 798 x 232	295 x 798 x 232	
	Weight		kg	10	10	10	10	
Outdoor Unit	Dimensions [HxWxD]		mm	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	850 x 840 x 330	
	Weight		kg	30	33	36	54	
	Breaker Size		A	10	10	10	16	
Ext. Piping	Diameter (Gas/Liquid)		mm	9.52 / 6.35	9.52 / 6.35	9.52 / 6.35	12.7 / 6.35	
	Max. Length/Height		m	20 / 12	20 / 12	20 / 12	30 / 15	
Guaranteed Operating Range		Cooling	°C				-10 ~ 46	
[Outdoor]		Heating	°C				-15 ~ 24	

*SHi = Super High

Note: •MUZ-GE]]VAD is potentially demand response capable unit. DRC-101A is required.

•MSZ-GE22VA(D) is for MXZ connection only. (The indicated capacity is rated capacity if one unit is connected to MXZ.)

•MSZ-GE50 meets MEPS criteria at partial load.

R410A

DC
Inverter

HEAT PUMP

Cleaning-free,
pipe reuse

MSZ-GE SERIES

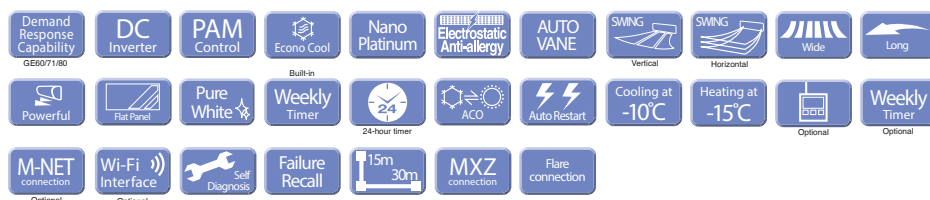
Indoor Unit



Outdoor Unit



MUZ-GE60/71/80VAD

Remote
Controller

Specifications (Wall-mounted Model)

Type		Inverter Heat Pump (R410A)		
Model Name		MSZ-GE60VAD	MSZ-GE71VAD	MSZ-GE80VAD
Indoor Unit		MSZ-GE60VAD	MSZ-GE71VAD	MSZ-GE80VAD
Outdoor Unit		MUZ-GE60VAD	MUZ-GE71VAD	MUZ-GE80VAD
Power Supply [V, Phase, Hz]		230V, Single, 50Hz, Outdoor unit power supply		
Cooling	Capacity [Min-Rated-Max]	kW	1.5 - 6.0 - 7.5	2.4 - 7.1 - 8.7
	Total Input [Min-Rated-Max]	kW	0.280 - 1.760 - 2.380	0.570 - 2.130 - 3.370
	AEER/EER		3.37 / 3.41	3.30 / 3.33
	Star Rating		2.5	2.0
	Running Current [Rated]	A	7.8	9.4
	Sound Pressure Level	IN [Quiet-Low-Mid-Hi-SHi*] OUT (PWL)	dB(A) dB(A)	29 - 37 - 41 - 45 - 49 30 - 37 - 41 - 45 - 49
	Air Volume (IN) [Quiet-SHi*]	L/S	163 - 305	162 - 297
Heating	Capacity [Min-Rated-Max]	kW	2.0 - 6.8 - 9.3	2.2 - 8.1 - 9.9
	Total Input [Min-Rated-Max]	kW	0.460 - 1.770 - 2.940	0.520 - 2.110 - 3.250
	ACOP/COP		3.80 / 3.84	3.80 / 3.84
	Star Rating		3.0	3.0
	Running Current [Rated]	A	7.8	9.5
	Sound Pressure Level	IN [Quiet-Low-Mid-Hi-SHi*] OUT (PWL)	dB(A) dB(A)	29 - 37 - 41 - 45 - 49 30 - 37 - 41 - 45 - 49
	Air Volume (IN) [Quiet-SHi*]	L/S	163 - 305	170 - 297
Starting Current		A	7.8	9.5
Max. Running Current		A	14.5	16.6
Indoor Unit	Input [Rated] (Cooling/Heating)	W	48 / 62	58 / 58
	Dimensions [HxWxD]	mm	325 x 1,100 x 238	325 x 1,100 x 238
	Weight	kg	16	16
Outdoor Unit	Dimensions [HxWxD]	mm	880 x 840 x 330	880 x 840 x 330
	Weight	kg	50	53
	Breaker Size	A	20	20
Ext. Piping	Diameter (Gas/Liquid)	mm	15.88 / 6.35	15.88 / 9.52
	Max. Length/Height	m	30 / 15	30 / 15
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ 46	
	Heating	°C	-15 ~ 24	

*SHi = Super High

Note: •MUZ-GE71VAD is potentially demand response capable unit. DRC-101A is required.

•MSZ-GE80 meets MEPS criteria at partial load.

MSZ-GE SERIES

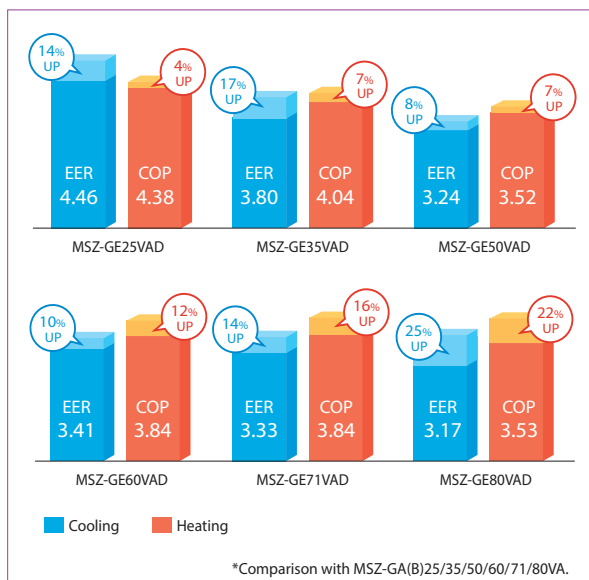
The standard model MSZ-G units provide excellent energy-savings and operation is impressively silent. A vast series line-up is ready to ensure comfortable room environments in response to your air conditioning needs.



High Energy Savings Achieved for Entire Range of Series



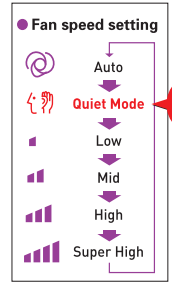
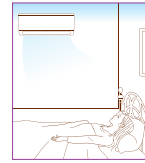
All models in the series, from the low-capacity 25 to the high-capacity 80, have achieved the top energy efficiency in the industry. For home use, such as in bedrooms and living rooms, to light commercial use, such as in offices, our air conditioners are contributing to reduced energy consumption across a wide range.



Quiet Operation

Only 19dB

A "Quiet Mode" setting has been added to the fan speed settings, ensuring super-quiet operation below 20dB for model sizes 35 and under. Perfect for the bedroom; it's so quiet you'll check to see if it's on.



NEW

Comparison of minimum indoor SPL (dB)

Series (Fan speed)	Size	25	35	50	60	71	80
MSZ-GA/GB (Low)	Cooling	21	22	32	32	33	33
	Heating	21	22	30	32	33	33
MSZ-GE (Quiet)	Cooling	19	19	28	29	30	30
	Heating	19	19	28	29	30	30

"i save" Mode



"i save" is a simplified setting function that recalls the preferred (preset) temperature by pressing a single button on the remote controller. Press the same button twice to immediately return to the previous temperature setting. Using this function contributes to energy savings when, for example, leaving the room or going to bed.

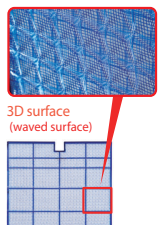
* Temperature can be preset to 10°C when heating in the "i save" mode (except when connected to MXZ-8).



Nano Platinum Filter (60/71/80)



This filter incorporates nanometre-sized platinum-ceramic particles that generate stable antibacterial and deodorising effects. The size of the three-dimensional surface has been increased as well, enlarging the filter capture area. These features give the nano platinum filter of the MSZ-GE60/71/80 models better dust collection performance than conventional filters. The superior air-cleaning effectiveness increases room comfort yet another level.



*Filter can be washed with water (air-cleaning effect is maintained)

Potentially Demand Response Capable



Based on connection of a demand response enabling device (DRED) via DRED interface DRC-101A, Demand Response Mode is activated in response to signals sent from the electric power company at times when it is necessary to reduce peak demand. (2.5kW-8.0kW)

* Only MSZ-G Series with model name MUZ-GEJ[VAD]/MSZ-GEJ[VAD] are potentially demand response capable units.



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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