



**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

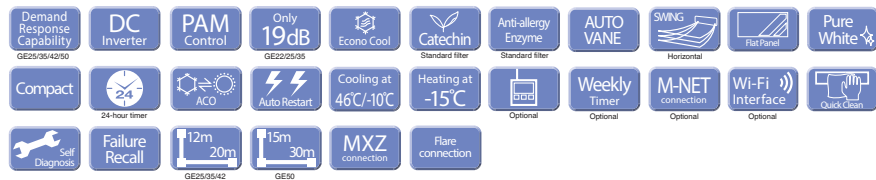
Outdoor Unit



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		kW 1.1 - 3.5 - 4.0		kW 0.9 - 4.2 - 4.8		kW 1.4 - 4.8 - 5.4		
	Total Input [Min-Rated-Max]	kW 0.205 - 0.560 - 1.145		kW 0.205 - 0.920 - 1.430		kW 0.160 - 1.260 - 1.940		kW 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*]	dB(A) 19 - 21 - 29 - 36 - 42		dB(A) 19 - 22 - 30 - 36 - 43		dB(A) 26 - 30 - 35 - 40 - 46		dB(A) 28 - 33 - 38 - 44 - 49	
OUT (PWL)		dB(A) 46 (58)		dB(A) 47 (61)		dB(A) 50 (62)		dB(A) 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		kW 1.6 - 4.0 - 5.3		kW 1.4 - 5.4 - 6.0		kW 1.4 - 5.8 - 7.2		
	Total Input [Min-Rated-Max]	kW 0.255 - 0.730 - 1.200		kW 0.340 - 0.990 - 1.680		kW 0.270 - 1.540 - 2.040		kW 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*]	dB(A) 19 - 21 - 29 - 36 - 42		dB(A) 19 - 22 - 30 - 36 - 43		dB(A) 26 - 30 - 35 - 40 - 46		dB(A) 28 - 33 - 37 - 43 - 48	
OUT (PWL)		dB(A) 48 (59)		dB(A) 48 (62)		dB(A) 51 (64)		dB(A) 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		W 29 / 23		W 29 / 30		W 43 / 39		
	Dimensions [HxWxD]	mm 295 x 798 x 232		mm 295 x 798 x 232		mm 295 x 798 x 232		mm 295 x 798 x 232		
	Weight	kg 10		kg 10		kg 10		kg 10		
Outdoor Unit	Dimensions [HxWxD]	mm 550 x 800 x 285		mm 550 x 800 x 285		mm 550 x 800 x 285		mm 850 x 840 x 330		
	Weight	kg 30		kg 33		kg 36		kg 54		
	Breaker Size	A 10		A 10		A 10		A 16		
Ext. Piping	Diameter (Gas/Liquid)	mm 9.52 / 6.35		mm 9.52 / 6.35		mm 9.52 / 6.35		mm 12.7 / 6.35		
	Max. Length/Height	m 20 / 12		m 20 / 12		m 20 / 12		m 30 / 15		
Guaranteed Operating Range [Outdoor]	Cooling	°C -10 ~ 46		°C -10 ~ 46		°C -10 ~ 46		°C -10 ~ 46		
	Heating	°C -15 ~ 24		°C -15 ~ 24		°C -15 ~ 24		°C -15 ~ 24		

*SHi = Super High
 Note : -MSZ-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

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MSZ-GE SERIES

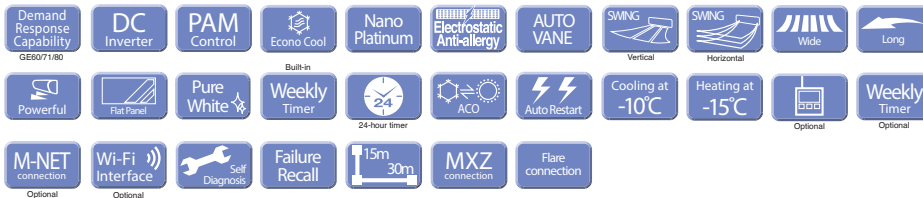
Indoor Unit



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	2.4 - 7.8 - 9.2	
	Total Input [Min-Rated-Max]	kW	0.280 - 1.760 - 2.380	0.570 - 2.130 - 3.370	0.570 - 2.460 - 3.580	
	AEER/EER			3.37 / 3.41	3.30 / 3.33	3.14 / 3.17
		Star Rating		2.5	2.0	2.0
	Running Current [Rated]	A	7.8	9.4	10.8	
	Sound Pressure Level	IN [Quiet-Lo-Mid-Hi-SHi*]	dB(A)	29 - 37 - 41 - 45 - 49	30 - 37 - 41 - 45 - 49	30 - 37 - 41 - 45 - 49
		OUT (PWL)	dB(A)	55 (69)	55 (69)	55 (69)
Air Volume (IN) [Quiet-SHi*]	L/S	163 - 305	162 - 297	162 - 297		
Heating	Capacity [Min-Rated-Max]	kW	2.0 - 6.8 - 9.3	2.2 - 8.1 - 9.9	2.2 - 9.0 - 11.1	
	Total Input [Min-Rated-Max]	kW	0.460 - 1.770 - 2.940	0.520 - 2.110 - 3.250	0.520 - 2.550 - 3.650	
	ACOP/COP			3.80 / 3.84	3.80 / 3.84	3.50 / 3.53
		Star Rating		3.0	3.0	2.5
	Running Current [Rated]	A	7.8	9.5	11.2	
	Sound Pressure Level	IN [Quiet-Lo-Mid-Hi-SHi*]	dB(A)	29 - 37 - 41 - 45 - 49	30 - 37 - 41 - 45 - 49	30 - 37 - 41 - 45 - 49
		OUT (PWL)	dB(A)	55 (69)	55 (69)	55 (69)
Air Volume (IN) [Quiet-SHi*]	L/S	163 - 305	170 - 297	170 - 297		
Starting Current	A	7.8	9.5	11.2		
Max. Running Current	A	14.5	16.6	16.6		
Indoor Unit	Input [Rated] (Cooling/Heating)	W	48 / 62	58 / 58	58 / 58	
	Dimensions [HxWxD]	mm	325 x 1,100 x 238	325 x 1,100 x 238	325 x 1,100 x 238	
	Weight	kg	16	16	16	
Outdoor Unit	Dimensions [HxWxD]	mm	880 x 840 x 330	880 x 840 x 330	880 x 840 x 330	
	Weight	kg	50	53	53	
	Breaker Size	A	20	20	20	
Ext. Piping	Diameter (Gas/Liquid)	mm	15.88 / 6.35	15.88 / 9.52	15.88 / 9.52	
	Max. Length/Height	m	30 / 15	30 / 15	30 / 15	
Guaranteed Operating Range [Outdoor]	Cooling	°C		-10 ~ 46		
	Heating	°C		-15 ~ 24		

*SHi = Super High
 Note: •MUZ-GE]]VAD is potentially demand response capable unit. DRC-101A is required.
 •MSZ-GE80 meets MEPS criteria at partial load.

MSZ-GE SERIES

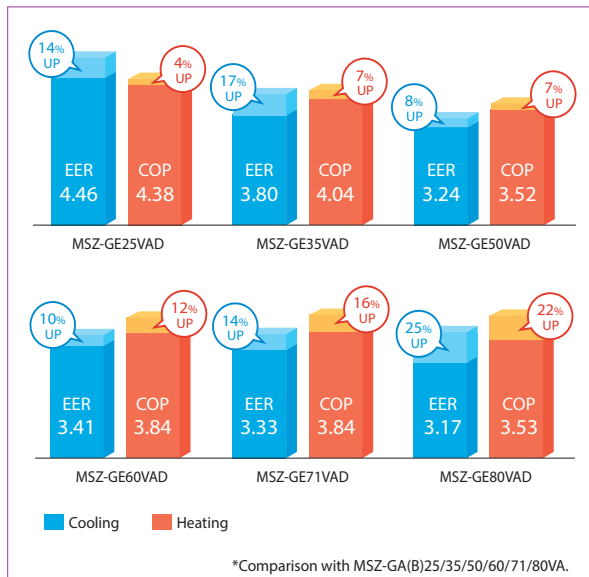
The standard model MSZ-G units provide excellent energy-savings and operation is impressively silent. A vast series line-up is ready to ensure comfortable room environments in response to your air conditioning needs.



High Energy Savings Achieved for Entire Range of Series



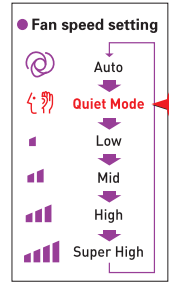
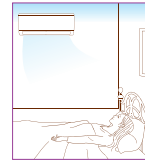
All models in the series, from the low-capacity 25 to the high-capacity 80, have achieved the top energy efficiency in the industry. For home use, such as in bedrooms and living rooms, to light commercial use, such as in offices, our air conditioners are contributing to reduced energy consumption across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

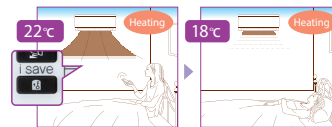
Series (Fan speed)	Size 25		35		60		71		80	
	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
MSZ-GA/GB (Low)	21	21	22	22	32	30	32	32	33	33
MSZ-GE (Quiet)	2dB Less	2dB Less	3dB Less	3dB Less	4dB Less	2dB Less	3dB Less	3dB Less	3dB Less	3dB Less
	19	19	19	19	28	28	29	29	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.

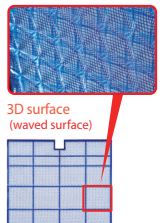
* Temperature can be preset to 10°C when heating in the "i save" mode (except when connected to MXZ-8).



Nano Platinum Filter (60/71/80)

Nano Platinum

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

Demand Response Capability

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-GE[VAD]/MSZ-GE[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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