MITSUBISHI ELECTRIC

Air Conditioning Systems

MSZ-GS Series

MSZ-GS Series

Project Specialist

MSZ-GS25/35VFD-A1
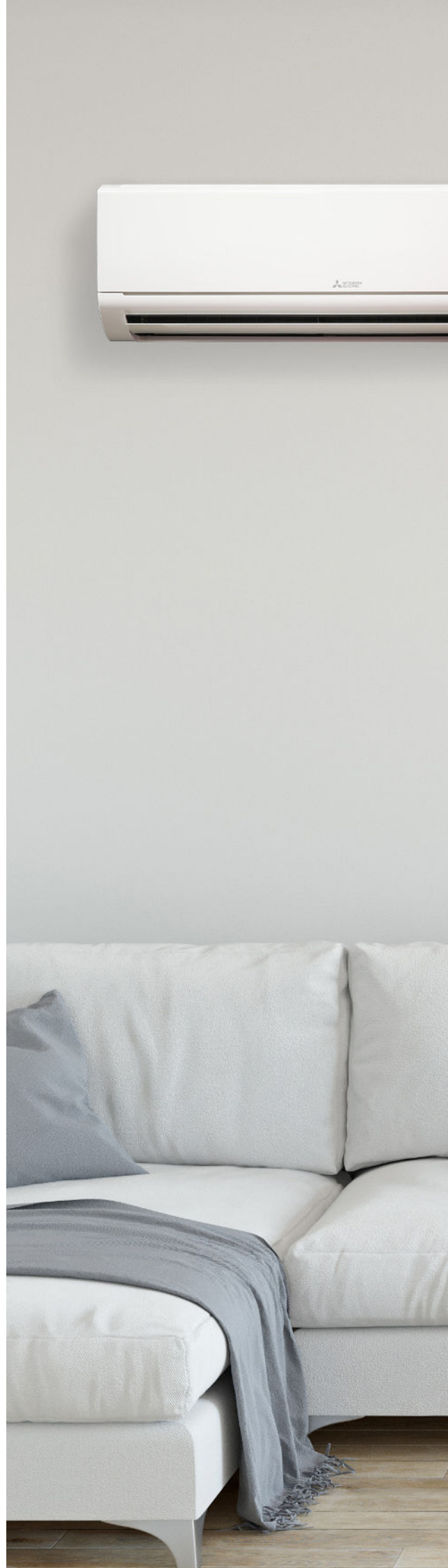

MSZ-GS50/60VFD-A1

MSZ-GS71/80VFD-A1

Mitsubishi Electric has designed the MSZ-GS Series to satisfy the demands of the Australian project market. The product is at home in a variety of applications, including project homes, townhouse developments, highrise buildings and accommodation facilities. It's project focused product with the support and quality that Mitsubishi Electric is renowned for.

- Capacity Range: 2.5/3.5/5.0/6.0/7.1/7.8kW
- Unit Dimensions (mm):
  799 (W) x 232 (D) x 290 (H) (MSZ-GS25-35)
  923 (W) x 250 (D) x 305 (H) (MSZ-GS50-60)
  1,100 (W) x 238 (D) x 325 (H) (MSZ-GS71-80)
- Colour: Natural White

Advanced Air Filtration (Optional)

The optional Anti-Allergy Enzyme Filter works to trap allergens such as mould and bacteria by using enzymes retained in the filter to decompose them.

Quick Clean*1

The MSZ-GS Series have a built-in quick clean function that allows easy removal of the horizontal vane and quick latch fin guards with vertical vanes attached that open out to provide easy access to a unit to keep it clean and functioning in peak condition.

Auto Restart Function

The MUZ-GS Series condensers has an auto restart function that activates after the event of a power outage, so you don't have to worry about having to manually restart the unit once the power returns.

R32

R32 enables increased energy efficiency compared to R410A, with just one third of the global warming potential, the risk of environmental harm is greatly reduced.

Bluefin

The condenser coils have a corrosion resistant coating to help reduce the effects of the outside elements degrading the coil. This in turn assists with the longevity and quality of the unit operation.

Wi-Fi Control*2

Unlock the door to smarter heating and cooling systems, for total home comfort. This innovative technology connects your Mitsubishi Electric air conditioner to your smartphone, tablet or online account, giving you the freedom to fully control each unit on-the-go via an internet connection from anywhere in the world.

amazon alexa ENABLED *3

works with the Google Assistant *4

Wi-Fi CONTROL

*1 Ensure unit is Off before utilising this feature.
*2 Optional Wi-Fi adapter required per unit.
   Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.
*3 To use Amazon Alexa to control your air conditioner you will need an Amazon Alexa Echo device.
*4 To use Google Assistant to control your air conditioner you will need a Google Home Smart speaker.

MUZ-GS25/35VFD-A1F   MUZ-GS50/60/71VFD-A1F   MUZ-GS80VFD-A1F

Product Specifications

MSZ-GS (Wall Mounted)				MSZ-GS25VFD-A1	MSZ-GS35VFD-A1	MSZ-GS50VFD-A1	MSZ-GS60VFD-A1	MSZ-GS71VFD-A1	MSZ-GS80VFD-A1
Indoor Unit				MSZ-GS25VFD-A1	MSZ-GS35VFD-A1	MSZ-GS50VFD-A1	MSZ-GS60VFD-A1	MSZ-GS71VFD-A1	MSZ-GS80VFD-A1
Outdoor Unit				MUZ-GS25VFD-A1	MUZ-GS35VFD-A1	MUZ-GS50VFD-A1	MUZ-GS60VFD-A1	MUZ-GS71VFD-A1	MUZ-GS80VFD-A1
Refrigerant				R32					
Cooling	Capacity [Rated]*3		kW	2.50	3.50	5.00	6.00	7.10	7.80
	Capacity [Min-Max]		kW	1.10 - 3.00	1.10 - 3.70	1.40 - 5.50	1.40 - 6.80	1.40 - 7.30	2.00 - 9.00
	Total Input [Rated]*3		kW	0.59	0.95	1.39	1.66	2.19	2.40
	Total Input [Min-Max]		kW	0.39 - 0.92	0.39 - 1.21	0.33 - 1.84	0.33 - 2.27	0.24 - 2.39	0.43 - 3.25
	EER			4.24	3.68	3.60	3.61	3.24	3.25
	AEER			4.12	3.62	3.55	3.58	3.22	3.23
	ZERL Star Rating*1	Hot		3.0	3.5	3.5		3.0	
		Average		2.5	3.0			2.5	
		Cold		2.5	3.0	3.5		3.0	
	Running Current [Rated]*2 *3		A	2.80	4.30	6.20	7.40	9.70	10.50
	SPL	In [SLo-Lo-Mid-Hi-SHi]	dB(A)	22 - 30 - 37 - 44	22 - 31 - 40 - 51	33 - 38 - 44 - 49	33 - 38 - 44 - 50		33 - 38 - 44 - 53
		Out [PWL]	dB(A)	47 (60)	51 (64)	53 (66)		56 (69)	
	Air Volume (In) [Quiet-SHi]		L/S	63.0 - 163.0	63.0 - 223.0	167.0 - 308.0	167.0 - 322.0	173.0 - 317.0	173.0 - 342.0
Heating	Capacity [Rated]*4		kW	3.10	3.70	5.50	6.60	8.00	9.00
	Capacity [Min-Max]		kW	1.30 - 3.80	1.30 - 4.30	1.40 - 6.50	2.00 - 7.50	2.00 - 8.60	2.20 - 10.00
	Total Input [Rated]*4		kW	0.78	0.94	1.43	1.70	2.20	2.55
	Total Input [Min-Max]		kW	0.35 - 1.10	0.35 - 1.43	0.38 - 1.97	0.54 - 2.27	0.30 - 2.48	0.42 - 3.45
	COP			3.97	3.94	3.85	3.88	3.64	3.53
	ACOP			3.89	3.87	3.80	3.84	3.61	3.51
	ZERL Star Rating*1	Hot		3.0	2.5	3.0			
		Average		2.5	2.0	2.5			
		Cold		2.0					
	Running Current [Rated]*2 *4		A	3.70	4.30	6.40	7.60	10.00	11.90
	SPL	In [SLo-Lo-Mid-Hi-SHi]	dB(A)	23 - 30 - 37 - 44	23 - 30 - 37 - 45	33 - 38 - 44 - 49		33 - 39 - 45 - 51	
		Out [PWL]	dB(A)	48 (61)	51 (64)	56 (69)		57 (69)	
	Air Volume (In) [Quiet-SHi]		L/S	58.0 - 172.0	58.0 - 178.0	172.0 - 308.0	172.0 - 322.0	177.0 - 317.0	
Indoor Unit	Input [Rated] (Cooling/Heating)		W	18/20	37/22	41/45	45/45		56/45
	Dimensions [HxWxD]		mm	290 x 799 x 232		305 x 923 x 250		325 x 1100 x 238	
	Weight		kg	8.5		12.3		15.2	
Outdoor Unit	Dimensions [HxWxD]		mm	550 x 800 x 285		714 x 800 x 285			880 x 840 x 330
	Weight		kg	28.0	28.5	41.0			53.0
	Breaker Size		A	10		16			20
Piping	Diameter [Liquid/Gas]		mm	ø6.35/ø9.52		ø6.35/ø12.70			
	Max. Length/Height		m	20/12		30/15			
Guaranteed Operating Range [Outdoor]	Cooling		°C	-10 ~ 46					
	Heating		°C	-15 ~ 24					
Pre-Charge Refrigerant				0.45	0.55	1.05			1.50
Pre-Charged Piping			m	10		15			
Additional Refrigerant			kg	20					

Notes:

*1 Zoned Energy Rating Label - residential air conditioning star rating based on GEMS 2019 Determination.
*2 Rated Load Amps (RLA) is based on nominal conditions. Use Maximum Circuit Amps (MCA) for power supply infrastructure sizing, etc.

Test conditions are based on AS/NZS3823.1.1.

Rating Conditions:

*3 Cooling: Indoor 27°C, D.B./19°C, W.B.
Outdoor 35°C, D.B./24°C, W.B.
*4 Heating: Indoor 20°C, D.B./15°C, W.B.
Outdoor 7°C, D.B./6°C, W.B.

Please note: The GS Series is a project product, price is on application and delivery lead times may apply.

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