

# Standard GS Series

## HIGH WALL HEAT PUMPS



Dimensions (WxDxH): 799 x 232 x 290mm

### MSZ-GS25VFD

Heating Capacity: 3.1 kW | Cooling Capacity: 2.5 kW

### MSZ-GS35VFD

Heating Capacity: 3.7 kW | Cooling Capacity: 3.5 kW



Dimensions (WxDxH): 923 x 250 x 305mm

### MSZ-GS50VFD

Heating Capacity: 5.5 kW | Cooling Capacity: 5.0 kW

### MSZ-GS60VFD

Heating Capacity: 6.6 kW | Cooling Capacity: 6.0 kW



Dimensions (WxDxH): 1100 x 238 x 325mm

### MSZ-GS71VFD

Heating Capacity: 8.0 kW | Cooling Capacity: 7.1 kW

### MSZ-GS80VFD

Heating Capacity: 9.0 kW | Cooling Capacity: 7.8 kW

The Standard GS Heat Pump Series offers real value while delivering energy efficient heating and cooling. Superior heat pump technology, designed in Japan for New Zealand conditions.

## Key Features

- R32 Next Generation R32 Inverter Technology**  
Superior energy efficiency is achieved by incorporating a large, high-density heat exchanger, an advanced high-efficiency fan motor and a next-generation inverter compressor using the latest super efficient R32 refrigerant.
- Blue Fin Outdoor Coil Protection**  
Slows the corrosion process on the heat exchanger, caused by salt and sulphur in the air, making it ideal for coastal and high sulphur areas.
- Filtration for Cleaner Air**  
The standard air purifying filter traps dust, pollen and other airborne contaminants while the optional washable Anti-Allergy Enzyme Filter effectively breaks down harmful microbes such as bacteria, mould and dust mites.
- Econo Cool**  
Econo Cool maximises energy efficient cooling. The target room temperature is automatically switched to Vertical Swing Vane Mode to create a cooling breeze effect.
- Optional Plasma Quad Connect for Healthier Air**  
This high-performance two-stage advanced air filtration module, cleans and minimises dust and other allergens for better indoor air quality, all year round.
- 12 Hour Programmable Controller\***  
The easy-to-read display offers a variety of operating modes at the touch of a button.
- Optional Wi-Fi Control Upgrade**  
Pre-heat or cool a room no matter where you are, with Wi-Fi Control you'll always arrive home to total comfort.

\*Optional upgrade available to PAR-40 Wall Mounted 7-Day Controller.



Optional  
**Plasma Quad Connect**  
Advanced Air Filtration

OPTIONAL  
**Wi-Fi**  
CONTROL



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# Standard GS Series Specifications

QUICK GLANCE	TYPE		High Wall System													
	SERIES		Standard GS Series													
	MODEL		MSZ-GS25		MSZ-GS35		MSZ-GS50		MSZ-GS60		MSZ-GS71		MSZ-GS80			
	REFRIGERANT		R32													
	INDOOR UNIT		MSZ-GS25VFD		MSZ-GS35VFD		MSZ-GS50VFD		MSZ-GS60VFD		MSZ-GS71VFD		MSZ-GS80VFD			
	OUTDOOR UNIT		MUZ-GS25VFD		MUZ-GS35VFD		MUZ-GS50VFD		MUZ-GS60VFD		MUZ-GS71VFD		MUZ-GS80VFD			
	COOL		2.5kW 4.24 EER 22 dBA*		3.5kW 3.68 EER 22 dBA*		5.0kW 3.60 EER 33 dBA*		6.0kW 3.61 EER 33 dBA*		7.1kW 3.24 EER 33 dBA*		7.8kW 3.25 EER 33 dBA*			
	HEAT		3.1kW 3.97 COP 23 dBA*		3.7kW 3.94 COP 23 dBA*		5.5kW 3.85 COP 33 dBA*		6.6kW 3.88 COP 33 dBA*		8.0kW 3.64 COP 33 dBA*		9.0kW 3.53 COP 33 dBA*			
	ZERL STAR RATINGS		(NZ) Cold Area		2.5    2.0		3.0    2.0		3.5    2.0		3.5    2.0		3.0    2.0		3.0    2.0	
			Avg Area²		2.5    2.5		3.0    2.0		3.0    2.5		3.0    2.5		2.5    2.5		2.5    2.5	
		Hot Area³		3.0    3.0		3.5    2.5		3.5    3.0		3.5    3.0		3.0    3.0		3.0    3.0		
COOL	Capacity	Rated	[kW]	2.5		3.5		5.0		6.0		7.1		7.8		
		Min-Max	[kW]	1.1-3.0		1.1-3.7		1.4-5.5		1.4-6.8		1.4-7.3		2.0-9.0		
	Input	Rated	[kW]	0.59		0.95		1.39		1.66		2.19		2.40		
		EER/AEER	4.24 / 4.12		3.68 / 3.62		3.60 / 3.55		3.61 / 3.58		3.24 / 3.22		3.25 / 3.23			
	Indoor Sound Level	Quiet	[dBA]	-		-		-		-		-		-		
		Low-SH <sup>1</sup> ²	[dBA]	22-30-37-44		22-31-40-51		33-38-44-49		33-38-44-50		33-38-44-50		33-38-44-53		
	Running Current (Rated)	[A]	2.8		4.3		6.2		7.4		9.7		10.5			
Air Volume In (SHI <sup>1</sup> )	[L/s]	163		223		308		322		317		342				
HEAT	Capacity	Rated	[kW]	3.1		3.7		5.5		6.6		8.0		9.0		
		Min-Max	[kW]	1.3-3.8		1.3-4.3		1.4-6.5		2.0-7.5		2.0-8.6		2.2-10.0		
		@-15°C	[kW]	-		-		-		-		-		-		
	Input	Rated	[kW]	0.78		0.94		1.43		1.70		2.20		2.55		
		COP / ACOP	3.97 / 3.89		3.94 / 3.87		3.85 / 3.80		3.88 / 3.84		3.64 / 3.61		3.53 / 3.51			
	Indoor Sound Level	Quiet	[dBA]	-		-		-		-		-		-		
		Low-SH <sup>1</sup> ²	[dBA]	23-30-37-44		23-30-37-45		33-38-44-49		33-38-44-49		33-39-45-51		33-39-45-51		
Running Current (Rated)	[A]	3.7		4.3		6.4		7.6		10.0		11.9				
Air Volume In (SHI <sup>1</sup> )	[L/s]	172		178		308		322		317		317				
Controller	Standard		12 Hour Programmable Controller													
	Optional Wired 7-Day Timer		Optional: PAR Controller (Interface Required)													
Wi-Fi			Optional: MAC-568IF-E													
Power Supply	(Powered From Outdoor Unit)		230 V / Single Phase / 50 Hz													
	Maximum Current	[A]	7.3		7.3		13.5		13.5		13.5		17.5			
Indoor	Dimensions (WxDxH)	[mm]	799 x 232 x 290		799 x 232 x 290		923 x 250 x 305		923 x 250 x 305		1100 x 238 x 325		1100 x 238 x 325			
	Weight	[kg]	8.5		8.5		12.3		12.3		15.2		15.2			
Outdoor	Dimensions (WxDxH)	[mm]	800 x 285 x 550		800 x 285 x 550		800 x 285 x 714		800 x 285 x 714		800 x 285 x 714		840 x 330 x 880			
	Weight	[kg]	28		28.5		41		41		41		53			
Piping	Sound Level - SPL³/Power (Cooling-Heating)	[dBA]	47-48 / 60-61		51-51 / 64-64		53-56 / 66-69		53-57 / 66-69		56-57 / 69-69		56-57 / 69-69			
	Diameter (Liquid/Gas)	[mm]	6.35 / 9.52		6.35 / 9.52		6.35 / 12.70		6.35 / 12.70		6.35 / 12.70		6.35 / 12.70			
	Max. Length/Height†	[m]	20 / 12		20 / 12		30 / 15		30 / 15		30 / 15		30 / 15			
Operation Range Outdoor	Chargeless Piping Length	[m]	10		10		15		15		15		15			
	Cooling	[°C]	-10-46		-10-46		-10-46		-10-46		-10-46		-10-46			
Indoor Unit Colour	Heating	[°C]	-15-24		-15-24		-15-24		-15-24		-15-24		-15-24			
			White													

ZERL = Zoned Energy Rating Label  
 EER = Energy Efficiency Ratio  
 COP = Coefficient of Performance  
 AEER = Annual Energy Efficiency Ratio  
 ACOP = Annual Coefficient of Performance

SPL = Sound Pressure Level  
<sup>1</sup> SHI = Super High  
<sup>2</sup> Low-SHI = Low-Medium-High-Super High  
<sup>3</sup> SPL measured under rated operating frequency  
 \* Indoor Sound Levels rated at lowest fan speed.

† Maximum length is inclusive of height differential i.e. (20/12) means the pipe can be 12m high and 8m across for a total length of 20m.  
 ‡ Avge/Hot are Australia only.  
 Rating Conditions (AS / NZS 3823).  
 Cooling: Indoor: 27°C DB, 19°C WB. Outdoor: 35°C DB  
 Heating: Indoor: 20°C DB Outdoor: 7°C DB, 6°C WB.



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PRINTED MAY 2022