

# Classic GS & GL Series

## HIGH WALL HEAT PUMP



### Key Features



#### 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, especially in 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.



#### Optional Wi-Fi Control Upgrade

Pre-heat or cool a room no matter where you are, so you'll always arrive home to total comfort.



Dimensions (WxDxH): 799 x 232 x 290mm

#### MSZ-GL35VGD

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

### Key Features – GS50/60/71/80



#### Econo Cool

Econo Cool maximises energy efficient cooling. The target room temperature is automatically switched to Swing Mode to create a cooling breeze effect.



#### Swing Vane Control

In this mode, the vanes will swing automatically ensuring the heat reaches all areas of the room.



#### 12 Hour Programmable Controller

The easy-to-read display offers a variety of operating modes at the touch of a button.

### Key Features – GL35



#### 7-Day Programmable Controller

All EcoCore Heat Pumps come standard with a 7-Day Controller, so you can customise your heating and cooling needs to your lifestyle with as much energy efficiency as possible.



#### Whisper Quiet Operation

Starting from barely a whisper, our energy efficient EcoCore Heat Pump Series ensures you only feel the warmth, not hear it. The GL35 indoor unit starts at a hushed 19dBA on its lowest fan speed in Heating Mode.



QUICK GLANCE	TYPE		High Wall System								
	SERIES		GL35	GS50	GS60	GS71	GS80				
	INDOOR UNIT		MSZ-GL35VGD	MSZ-GS50VFD	MSZ-GS60VFD	MSZ-GS71VFD	MSZ-GS80VFD				
	OUTDOOR UNIT		MUZ-GL35VGD	MUZ-GS50VFD	MUZ-GS60VFD	MUZ-GS71VFD	MUZ-GS80VFD				
	REFRIGERANT		R32								
	COOLING		3.5kW	5.0kW	6.0kW	7.1kW	7.8kW				
	HEATING		3.7kW	5.5kW	6.6kW	8.0kW	9.0kW				
ENERGY RATING		3.5	4.5	3.5 <sup>†</sup>	2.0 <sup>†</sup>	3.5 <sup>†</sup>	2.0 <sup>†</sup>	3.0 <sup>†</sup>	2.0 <sup>†</sup>	3.0 <sup>†</sup>	2.0 <sup>†</sup>
COOL	Capacity	Rated	[kW]	3.5	5.0	6.0	7.1	7.8			
		Min-Max	[kW]	1.1-4.1	1.4-5.5	1.4-6.8	1.4-7.3	2.0-9.0			
	Input	Rated	[kW]	0.85	1.39	1.66	2.19	2.40			
		EER		4.12	3.60	3.61	3.24	3.25			
	AEER		4.10	3.55	3.58	3.22	3.23				
	Star Rating		3.5	3.5 <sup>†</sup>	3.5 <sup>†</sup>	3.0 <sup>†</sup>	3.0 <sup>†</sup>				
	Indoor Sound Level	In (Lo-SHi) <sup>1</sup>	[dBA]	19-24-31-38-44	33-38-44-49	33-38-44-50	33-38-44-50	33-38-44-53			
	Running Current (Rated)		[A]	4.0	6.2	7.4	9.7	10.5			
	Air Volume In <sup>2</sup> (Lo-SHi) <sup>1</sup>		[L/s]	67-200	167-308	167-322	173-317	173-342			
HEAT	Capacity	Rated	[kW]	3.7	5.5	6.6	8.0	9.0			
		Min-Max	[kW]	1.6-5.1	1.4-6.5	2.0-7.5	2.0-8.6	2.2-10.0			
	Input	Rated	[kW]	0.81	1.43	1.70	2.20	2.55			
		COP		4.57	3.85	3.88	3.64	3.53			
	ACOP		4.55	3.80	3.84	3.61	3.51				
	Star Rating		4.5	2.0 <sup>†</sup>	2.0 <sup>†</sup>	2.0 <sup>†</sup>	2.0 <sup>†</sup>				
	Indoor Sound Level	In (Lo-SHi) <sup>1</sup>	[dBA]	19-25-31-38-45	33-38-44-49	33-38-44-49	33-39-45-51	33-39-45-51			
	Running Current (Rated)		[A]	3.8	6.4	7.6	10.0	11.9			
	Air Volume In <sup>2</sup> (Lo-SHi) <sup>1</sup>		[L/s]	62-200	172-308	172-322	177-317	177-317			
Controller	Standard	7-Day Programmable Controller		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									
Indoor	Input [Rated] (Cooling/Heating)	[W]	26/26	41/45	45/45	45/45	56/45				
	Dimensions (WxDxH)	[mm]	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]	10	12.3	12.3	15.2	15.2				
Outdoor	Dimensions (WxDxH)	[mm]	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]	33	41	41	41	53				
	Sound Level - SPL <sup>2</sup> /PWL (Cooling/Heating)	[dB(A)]	50-50 / 62-62	53-56 / 66-69	53-57 / 66-69	56-57 / 69-69	56-57 / 69-69				
	Breaker Size	[A]	10	16	16	16	20				
Piping	Diameter (Liquid/Gas)	[mm]	6.35 / 9.52	6.35 / 12.70	6.35 / 12.70	6.35 / 12.70	6.35 / 12.70				
	Max. Length/Height <sup>3</sup>	[m]	20 / 12	30 / 15	30 / 15	30 / 15	30 / 15				
Operation Range Outdoor	Cooling	[°C]	-10-46	-10-46	-10-46	-10-46	-10-46				
	Heating	[°C]	-15-24	-15-24	-15-24	-15-24	-15-24				
Colour	White										

EER = Energy Efficiency Ratio  
COP = Coefficient of Performance  
AEER = Annual Energy Efficiency Ratio  
ACOP = Annual Coefficient of Performance  
SPL = Sound Pressure Level  
PWL = Sound Power Level  
SHi = Super High

1 Lo-SHi = Low-Medium-High-Super High  
2 SPL measured under rated operating frequency  
3 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.  
\* Air Volume measured under rated operating  
frequency

† Star Rating is based on Seasonal  
Energy Efficiency Rating Standard for New  
Zealand - cold zone (GEMS2019)

Rating Conditions (AS / NZS 3823).  
Cooling: Indoor: 27°C DB, 19°C WB. Outdoor: 35°C  
DB, 24°C WB  
Heating: Indoor: 20°C DB Outdoor: 7°C DB, 6°C WB.



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