

AP Classic Series

HIGH WALL HEAT PUMP



The AP Classic High Wall Heat Pump Series sets a new standard in super energy efficient heating. Next-generation EcoCore Technology is designed to use less power than ever before. And starting at just 18dBA*, it's NZ's quietest – ideal for living rooms and bedrooms!



ECOCORE®



Dimensions (WxDxH): 798 x 219 x 299mm

MSZ-AP25VGD2

Heating Capacity: 3.2 kW | Cooling Capacity: 2.5 kW

MSZ-AP35VGD2

Heating Capacity: 3.7 kW | Cooling Capacity: 3.5 kW

MSZ-AP42VGD2

Heating Capacity: 5.4 kW | Cooling Capacity: 4.2 kW

MSZ-AP50VGD2

Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW



Dimensions (WxDxH): 1100 x 257 x 325mm

MSZ-AP60VGD2

Heating Capacity: 6.8 kW | Cooling Capacity: 6.0 kW

MSZ-AP71VGD2

Heating Capacity: 8.0 kW | Cooling Capacity: 7.1 kW

MSZ-AP80VGD2

Heating Capacity: 9.0 kW | Cooling Capacity: 7.8 kW

New Zealand's Quietest!

At 18dBA*, the AP25 is New Zealand's quietest high wall heat pump ever. Furthermore, Night Mode drops the outdoor operating noise level by a further 3dBA.

Dual Barrier Coating Maximises Efficient Performance

Built-up contaminants can create unpleasant odours and force a heat pump to work harder. Dual Barrier Coating keeps key internal components cleaner.

Energy Efficient R32 EcoCore Technology

Our next generation inverter compressor uses more environmentally friendly R32 refrigerant, maximising energy efficient operation.

Washable Air Purifying Filter

The filter features antibacterial and deodorising properties effectively trapping dust, pollen and other airborne contaminants.

Optional Wi-Fi Control Upgrade

Now you can pre-heat or pre-cool a room no matter where you are. On the way home, running late, or in a different country, with optional Wi-Fi Control you'll always arrive home to total comfort.

The intuitive app also features Energy Monitoring, allowing you to track indicative energy use so you can make more energy efficient choices when heating and cooling your space.



* AP25 indoor sound level on lowest fan setting in Heating Mode.

Specifications

QUICK GLANCE	TYPE			High Wall System													
	SERIES			AP Classic Series													
	MODEL			MSZ-AP25		MSZ-AP35		MSZ-AP42		MSZ-AP50		MSZ-AP60		MSZ-AP71		MSZ-AP80	
	REFRIGERANT			R32													
	INDOOR UNIT			MSZ-AP25VGD2		MSZ-AP35VGD2		MSZ-AP42VGD2		MSZ-AP50VGD2		MSZ-AP60VGD2		MSZ-AP71VGD2		MSZ-AP80VGD2	
	OUTDOOR UNIT			MUZ-AP25VG2		MUZ-AP35VG2		MUZ-AP42VG2		MUZ-AP50VG2		MUZ-AP60VG2		MUZ-AP71VG2		MUZ-AP80VG2	
	COOL			2.5kW 5.00 EER 19 dBA*		3.5kW 4.02 EER 19 dBA*		4.2kW 3.53 EER 26 dBA*		5.0kW 3.79 EER 28 dBA*		6.0kW 3.77 EER 29 dBA*		7.1kW 3.53 EER 30 dBA*		7.8kW 3.31 EER 30 dBA*	
	HEAT			3.2kW 4.78 COP 18 dBA*		3.7kW 4.51 COP 19 dBA*		5.4kW 3.78 COP 26 dBA*		6.0kW 3.70 COP 28 dBA*		6.8kW 4.12 COP 29 dBA*		8.0kW 3.83 COP 30 dBA*		9.0kW 3.53 COP 30 dBA*	
	ZERL STAR RATINGS	(NZ) Cold Area	6.0	3.0	5.0	3.0	4.0	2.0	4.5	2.0	4.5	2.5	3.5	2.0	3.5	2.0	
Avg Area [‡]			5.5	3.0	4.5	3.5	4.0	2.5	4.0	2.5	4.0	2.5	3.0	2.5	3.0	2.5	
Hot Area [‡]			6.0	3.5	5.0	4.0	4.0	3.5	4.5	3.5	4.5	3.0	3.5	3.0	3.5	3.0	

COOL	Capacity	Rated	[kW]	2.5		3.5		4.2		5.0		6.0		7.1		7.8		
		Min-Max	[kW]	1.1-3.6		1.1-4.1		0.9-4.8		1.4-6.2		1.4-7.3		2.0-8.7		2.0-9.2		
	Input	Rated	[kW]	0.50		0.87		1.19		1.32		1.59		2.01		2.36		
		EER/AEER		5.00 / 4.97		4.02 / 4.01		3.53 / 3.52		3.79 / 3.78		3.77 / 3.77		3.53 / 3.53		3.31 / 3.30		
	Indoor Sound Level	Quiet	[dBA]	19		19		26		28		29		30		30		
		Low-SHI [‡]	[dBA]	24-31-38-44		24-31-38-45		29-35-40-46		33-39-44-49		37-41-45-48		37-41-45-49		37-41-45-53		
	Running Current (Rated)			[A]	2.6		4.1		5.3		5.9		7.1		8.8		10.8	
	Air Volume In (SHI) [†]			[L/s]	205		223		223		258		315		310		343	

HEAT	Capacity	Rated	[kW]	3.2		3.7		5.4		6.0		6.8		8.0		9.0		
		Min-Max	[kW]	1.3-5.0		1.3-5.1		1.3-6.0		1.4-8.0		2.0-8.6		2.2-9.9		2.2-11.0		
	Input	Rated	[kW]	0.67		0.82		1.43		1.62		1.65		2.09		2.55		
		COP / ACOP		4.78 / 4.75		4.51 / 4.49		3.78 / 3.77		3.70 / 3.70		4.12 / 4.11		3.83 / 3.82		3.53 / 3.53		
	Indoor Sound Level	Quiet	[dBA]	18		19		26		28		29		30		30		
		Low-SHI [‡]	[dBA]	25-31-38-42		25-31-38-45		29-35-40-46		33-38-43-48		37-41-45-48		37-41-45-51		37-41-45-51		
	Running Current (Rated)			[A]	3.3		3.8		6.3		7.1		7.3		9.1		11.3	
	Air Volume In (SHI) [†]			[L/s]	190		215		233		268		338		320		320	

Controller	Standard		7-Day Programmable Controller															
	Optional Wired 7-Day Timer		Optional: PAR Controller (Interface Required)															
Wi-Fi			Optional Upgrade															
Power Supply	(Powered From Outdoor Unit)		230 V / Single Phase / 50 Hz															
	Maximum Current	[A]	7.0		7.1		9.9		14.0		14.0		16.4		16.5			
Indoor	Dimensions (WxDxH)	[mm]	798 x 219 x 299								1100 x 257 x 325							
	Weight	[kg]	10.5								16				17			
Outdoor	Dimensions (WxDxH)	[mm]	800 x 285 x 550						800 x 285 x 714				840 x 330 x 880					
	Weight	[kg]	35		35		36		41		41		55		55			
	Sound Level - SPL [‡] /Power (Cooling-Heating)	[dBA]	46-49 / 59-59		50-50 / 64-64		51-52 / 65-65		54-56 / 69-69		55-57 / 69-69		56-55 / 69-69		56-55 / 69-69			
Piping	Diameter (Liquid/Gas)	[mm]	6.35 / 9.52		6.35 / 9.52		6.35 / 9.52		6.35 / 12.7		6.35 / 12.7		6.35 / 12.7		6.35 / 12.7			
	Max. Length/Height [†]	[m]	20 / 12		20 / 12		20 / 12		20 / 12		30 / 15		30 / 15		30 / 15			
	Chargeless Piping Length	[m]	10		10		10		15		15		15		15			
Operation Range Outdoor	Cooling	[°C]	-10 / 46		-10 / 46		-10 / 46		-10 / 46		-10 / 46		-10 / 46		-10 / 46			
	Heating	[°C]	-15 / 24		-15 / 24		-15 / 24		-15 / 24		-15 / 24		-15 / 24		-15 / 24			
Indoor Unit Colour			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
[†] SHi = Super High
[‡] Low-SHi = Low-Medium-High-Super High

[‡] 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.
[‡] Avg/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.



Learn more about the AP Classic Series

For more information please visit our website or call our Customer Service Team.
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