

EcoCore AP Mini Series

New Zealand's Smallest* High Wall Indoor Unit

Have you
met the
Mighty Mini
yet?



*Indoor unit total volume size of 0.034m³

Ideal for above doorways or where space is limited.

EcoCore Series – AP Mini



The AP Mini High Wall Heat Pump brings leading-edge technology and features in New Zealand's smallest[†] high wall indoor unit. The perfect solution for bedrooms or small rooms where space is at a premium. Pint-sized but big on performance, the AP Mini is packed with features that maximise energy efficiency.



Meet
the
Mighty
Mini

New Zealand's Smallest[†] High Wall Indoor Unit

Specifically designed where space is at a premium, the **250mm high by 760mm wide** footprint makes it ideal for positioning above doorways in bedrooms and home offices. Now smaller spaces no longer need to miss out on year-round comfort.

Small Enough to Fit Above Doorways

With a 16.4%* size reduction in height and 5% reduction in width when compared to the bigger EcoCore AP 25-50 models, they can even be installed in very tight places that would traditionally not have been possible such as above doorways.



Just 25cm high!



Energy Efficient EcoCore 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 that uses more efficient R32 refrigerant.

More Environmentally Friendly R32 Refrigerant

With a global warming potential that is 30% lower compared to older refrigerants such as R410A, next-generation R32 refrigerant has a much lower environmental impact. Furthermore, zero ozone depleting R32 is easier to reuse and recycle.

*Indoor unit height compared to the MSZ-AP25/35/42/50 range.

[†] Indoor unit total volume size of 0.034m³.

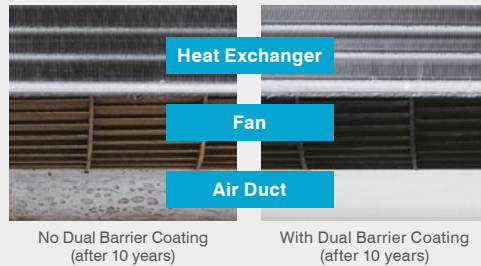
Dual Barrier Coating Maximises Efficient Performance



The patented and world's first Dual Barrier Coating from Mitsubishi Electric prevents dust and dirt from accumulating on the inner surface of the indoor unit. By keeping your heat pump clean year-round you can rest assured your heat pump will always perform at its best.

Comparison of dirt on heat exchanger, fan and air duct.

(Factory simulated in-house comparison.)



Dimensions (WxDxH): 760 x 178 x 250mm

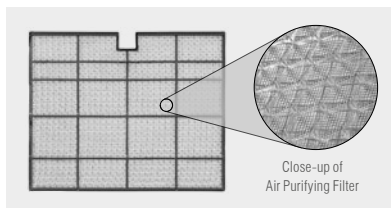
MSZ-AP20VGD

Heating Capacity: 2.5 kW | Cooling Capacity: 2.0 kW

Washable Air Purifying Filter



The AP Mini is equipped with an Air Purifying Filter. This washable filter traps particles such as dust, pollen and other airborne contaminants, generating stable antibacterial and deodorising effects.



The size of the three-dimensional surface has been increased from previous models, enlarging the filter capture area. These features give the Air Purifying Filter better dust collection performance than conventional filters.

Horizontal Airflow



The AP Mini eliminates uncomfortable draughts with Horizontal Airflow in Cooling Mode, by spreading airflow evenly across the ceiling.

Blue Fin Coating – Built to Withstand the Elements



The heat exchanger of the outdoor unit has been treated with Blue Fin Anti-Corrosion Treatment, slowing the corrosion process caused by salt and sulphur in the air especially in coastal and high sulphur areas.

7-Day Programmable Controller



The AP Mini Heat Pump comes 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.

Optional Wi-Fi Control! Never Return to a Cold Home Again



Now you can pre-heat or cool a room no matter where you are. On the way home, running late, or in a different country, with optional Wi-Fi Control*¹ you'll always arrive home to total comfort. Now, you can monitor the indicative energy use of a compatible Mitsubishi Electric Heat Pump*² connected with optional Wi-Fi Control, using the Mitsubishi Electric App.

OPTIONAL
Wi-Fi
CONTROL*

energy
MONITORING

*¹ Wi-Fi adapter must be mounted externally.

*² EcoCore AP Mini MSZ-AP20VGD

EcoCore AP Mini Series Specifications

QUICK GLANCE	TYPE		High Wall System	
	SERIES		AP Mini	
	MODEL		MSZ-AP20	
	REFRIGERANT		R32	
	INDOOR UNIT		MSZ-AP20VGD	
	OUTDOOR UNIT		MUZ-AP20VGD	
	COOL		2.0kW 4.35 EER 21 dBA*	
	HEAT		2.5kW 4.17 COP 21 dBA*	
	ZERL STAR RATINGS	(NZ) Cold Area	3.5	2.0
		Avg Area†	3.5	2.5
		Hot Area‡	3.5	3.0
COOL	Capacity	Rated	[kW]	2.0
		Min-Max	[kW]	0.6-2.7
	Input	Rated	[kW]	0.46
		EER/AEER		4.35 / 4.31
	Indoor Sound Level	Quiet	[dBA]	21
		Low-SHI²	[dBA]	26-30-35-42
	Running Current (Rated)		[A]	2.6
	Air Volume In (SHI¹)		[L/s]	115
HEAT	Capacity	Rated	[kW]	2.5
		Min-Max	[kW]	0.5-3.5
		@-15°C	[kW]	-
	Input	Rated	[kW]	0.60
		COP / ACOP		4.17 / 4.14
	Indoor Sound Level	Quiet	[dBA]	21
		Low-SHI²	[dBA]	26-30-35-42
	Running Current (Rated)		[A]	3.2
	Air Volume In (SHI¹)		[L/s]	122
Controller	Standard		7-Day Programmable Controller	
	Optional Wired 7-Day Timer		Optional: PAR Controller (Interface Required)	
Wi-Fi			Optional: MAC-588IF-E	
Power Supply	(Powered From Outdoor Unit)		230 V / Single Phase / 50 Hz	
	Maximum Current		[A]	7.1
Indoor	Dimensions (WxDxH)		[mm]	760 x 178 x 250
	Weight		[kg]	8.2
Outdoor	Dimensions (WxDxH)		[mm]	800 x 285 x 550
	Weight		[kg]	31
	Sound Level - SPL³/Power (Cooling-Heating)		[dBA]	47-48 / 59-61
Piping	Diameter (Liquid/Gas)		[mm]	6.35 / 9.52
	Max. Length/Height†		[m]	20 / 12
	Chargeless Piping Length		[m]	7
Operation Range Outdoor	Cooling		[°C]	-10 / 46
	Heating		[°C]	-15 / 24
Indoor Unit Colour		White		

EER = Energy Efficiency Ratio
COP = Coefficient of Performance
AEER = Annual Energy Efficiency Ratio
ACOP = Annual Coefficient of Performance
SPL = Sound Pressure Level

¹ SHI = Super High
² Low-SHI = Low-Medium-High-Super High
³ SPL measured under rated operating frequency
* Indoor Sound Levels rated at lowest fan speed

‡ Avg/Hot are Australia only.
† 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.

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.

For more information please visit our website or call our Customer Service Team.
www.mitsubishi-electric.co.nz | 0800 784 382

PUBLISHED NOV 2024

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