

EcoCore AP Series



The EcoCore AP Series High Wall Heat Pumps set 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!



New Zealand's Quietest Heat Pump!*

Starting at an incredibly quiet 18dBA on its lowest fan speed, the AP25 indoor unit is New Zealand's quietest high wall heat pump ever. It is ideal where quietness matters most, in bedrooms even on the coldest of winter nights.

Furthermore, the addition of Night Mode means the outdoor operating noise level drops by a further 3dBA – for the perfect night's sleep.

The Secret to Quietness

By making the heat exchanger 32% thinner[†], and designing the fan coil to be 22% larger[†], in comparison to previous models, pressure loss across the heat exchanger is minimised and air can now be moved across a larger fan surface. Add to this a new aerodynamically designed fan coil, and a new level of quietness has been achieved!

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; keeping your heat pump clean year-round.

Keeping key internal components like the heat exchanger, fan and internal duct clean is important for both home comfort and efficiency. Not only does dust and dirt build-up typically create unpleasant odours, it also forces a heat pump to work harder, which can result in significantly impaired energy efficiency.

Dual Barrier Coating prevents dust and oil build-up on the interior of the heat pump for the ultimate in peace of mind, ease and comfort.

18dBA
AP25*



Heat Exchanger

32%
THINNER[†]



Fan Coil

22%
LARGER[†]



Dual Barrier Coating

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

(Factory simulated in-house comparison.)



No Dual Barrier Coating (after 10 years)

With Dual Barrier Coating

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

† Compared to MSZ-GL Series.

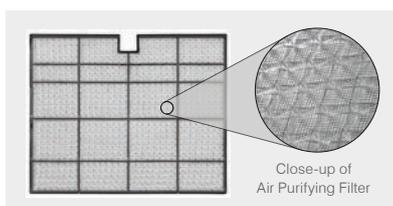


Next Generation R32 EcoCore Technology

Superior energy efficiency is achieved by incorporating a large, high-density heat exchanger, an advanced high-efficiency fan motor and a next generation compressor using the latest in super efficient R32 refrigerant.

Washable Air Purifying Filter

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

Wide and Long Airflow*

The Wide Airflow Mode enables airflow direction to be adjusted from left to right, ideal for open plan environments – ensuring every corner of the room is comfortable. The Long Airflow Mode extends airflow by up to 12m to reach even the furthest point of open plan or larger living spaces. These modes are simply activated at the touch of a button on your remote controller.

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

With built-in Wi-Fi Control you can pre-heat or cool a room no matter where you are. On the way home, running late, coming home early, or even when you're in a different country, with Wi-Fi Control you'll always arrive home to total comfort.

And because our Wi-Fi Control is now also Amazon Alexa and Google Home enabled, you can take your comfort to the next level and enjoy hands-free heat pump control.

You can find out more about Wi-Fi and Voice Control on pages 6–7.



Dimensions (WxDxH): 798 x 219 x 299mm

MSZ-AP25VG

Heating Capacity: 3.2 kW | Cooling Capacity: 2.5 kW

MSZ-AP35VG

Heating Capacity: 3.7 kW | Cooling Capacity: 3.5 kW

MSZ-AP42VG

Heating Capacity: 5.4 kW | Cooling Capacity: 4.2 kW

MSZ-AP50VG

Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW



Dimensions (WxDxH): 1100 x 257 x 325mm

MSZ-AP60VG

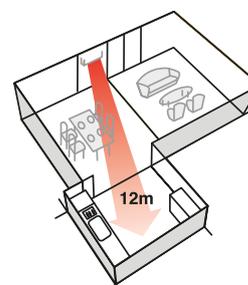
Heating Capacity: 6.8 kW | Cooling Capacity: 6.0 kW

MSZ-AP71VG

Heating Capacity: 8.0 kW | Cooling Capacity: 7.1 kW

MSZ-AP80VG

Heating Capacity: 9.0 kW | Cooling Capacity: 7.8 kW



EcoCore AP Series Features



18dBA[†] NZ's Quietest Heat Pump



Econo Cool



Washable Air Purifying Filter



Dual Barrier Coating



7-Day Programmable Controller



Auto Vane Control



Horizontal Airflow



Wide and Long Air Flow (AP60/71/80)



i-Save Mode



Next Generation Energy Efficient Compressor



Night Mode



Blue Fin Outdoor Coil Protection

* AP60/71/80 models only.

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