

Fresh Air Ventilator

AussiVent^(tm)

For Healthy Living

Enjoy fresh filtered air all year round

This Australian HRV innovation substantially improves the quality of indoor air, which is increasingly becoming an issue in densely populated and polluted cities of India, China, Brazil, Thailand, South Korea, Hong Kong, Malaysia, Vietnam, and many other fast developing countries.

The HRV extracts the contaminated air inside the rooms and introduces outside fresh air to the rooms at around the same temperature as the air inside the rooms. This enhances the rooms air quality and reduces the build up of gasses such as Co₂ and unpleasant smells, to a level that promotes personal well being.

The HRV system employs energy transfer between outgoing and incoming air, utilising a counter flow Heat Exchanger, that doesn't replace a traditional air conditioning system.

The heat exchanger transfers the heat (in winter) or the cool (in summer) of the expelled indoor air to the incoming fresh air and delivers it at near room temperature in all seasons regardless of outdoor temperature. The HRV operation assumes that the indoor space is air conditioned by an existing heating or cooling device, which usually only recycles the same indoor air within closed doors and windows. There is no active heating or cooling device fitted in this HRV, but rather a passive Heat Exchanger that exchanges sensible heat energy between the incoming and outgoing air streams. The standard HRV operates through a normal 240 V, 10 AMP switch like a normal ceiling fan.

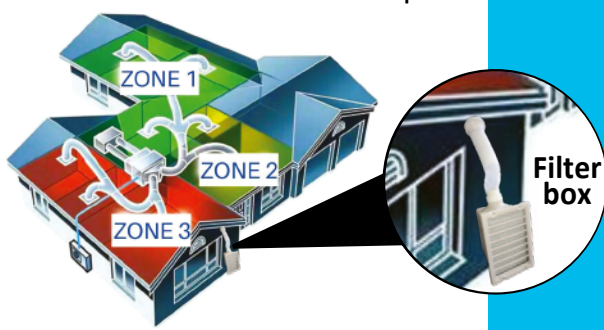
The incoming outdoor air passes through an externally mounted filter box. The filter box is connected through a duct to the HRV mounted either on a wall, in a roof cavity, or on the roof.

The AussiVent is controlled by a digital display wall controller, equipped with Co₂ and PM 2.5 sensors, while a simpler version in the name of FreshVent™ is controlled by a standard wall controller of 240 V fitted with a filter sensor LED.

The Eco Pacific fresh filtered air ventilators in standalone or retrofitted to Super Star gas ducted heaters are offered in the following models-

Model	Controller	Air flow at 70 ESP, l/s	Power Volt/Hz /Watt	Length mm	Height mm	Depth mm	Weight Kg	Duct collars mm	Heat Exchanger
AussiVent	Digital Display								
AV100	Co ₂ + PM 2.5	50	240/50/120	800	556	187	19	100/150	Enthalpy/molecular
AV120	Co ₂ + PM 2.5	75	240/50/180	800	640	230	27	100/150	Enthalpy/molecular
FreshVent	Standard on / off								
FV150	Filter sensor	100	240/50/160	700	510	240	10	75/150	Aluminium circular

Gas ducted heating fitted with AussiVent or FreshVent ventilator can be zoned as below picture.



25 Years of Successful History

AussiVent^(tm)

Your house should breathe in through a nose-like Filter Box mounted outside in the Fresh Atmospheric Air



Are you happy with the indoor air quality of your home?
If not - talk to us at Eco Pacific on 03-9706 6228.
We may have the solution for you.

You need heating and cooling with fresh air!

Use our AussiVent, fresh air heat recovery ventilator that controls, Co2 and PM2.5 pollution.



Dealer



Australian manufacturers of Super Star gas ducted heaters, Aqua Breeze evap coolers, and AussiVent fresh filtered air heat recovery ventilators.