



## Our Values



**Improving Energy Efficiency** using highly efficient products and superior system controls



**Maintaining Indoor Air Quality** through intelligent software designed specifically for NZ



**On-Demand Heat Transfer** by monitoring air temperature and transferring excess heat only

## Why Heat Transfer

When your fireplace heats your lounge, a fast and efficient heat transfer system can use the excess heat to create a warm and comfy environment for the rest of your home.

An effective heat transfer system improves the indoor air quality, and can prevent health problems caused by cold and damp air.

### ENERGY EFFICIENCY

VENTIO



## Our System

By combining the latest in fan technology and automatic sensing controls, our systems ensure optimal transferring of heated air throughout your home while maintaining a comfortable temperature in your lounge.

Our high-pressure, 100% variable fan combines with smaller diffusers to create the best possible mixing of heated air into your rooms.



Heat Transfer Systems	VXHTR-1	VXHTR-2/3	VXHTR-4/5
Number of Rooms	1 Room only	2 - 3 Rooms	4 - 5 Rooms
Voltage (V/Hz)	230/50	230/50	230/50
Power (W)	1 - 17	3 - 73	3 - 165
Air Flow (m <sup>3</sup> /hr)	63 ~ 284	65 ~ 650	63 ~ 1228
Static Pressure (Pa)	159	457	580
Noise (dB)	28	31	38
Speed (RPM)	250 - 2250	500 - 3000	500 - 3000
Weight (kg)	1.4	2.5	3.5
Specific Fan Power (W/Ls <sup>-1</sup> )	0.175	0.398	0.294



HIGH FLOW MIXED FLOW FAN  
150MM



HIGH FLOW MIXED FLOW FAN  
200MM



SYSTEM CONTROLLER  
VENTILATION / HEAT TRANSFER



HIGH VELOCITY CONE DIFFUSER  
125MM



LOW RESISTANCE DUCTING  
HIGHEST INSULATION RATING

## Demand Controlled Ventilation

Our systems use DCV - the heat transfer rate is automatically adjusted according to user demand and the room temperature, using our built-in intelligent controller which constantly senses air temperature to regulate the amount of heat transferred.

Our specialised software determines the optimal fan speed for heat transfer to make the best use of any excess heat and maintain maximum thermal comfort within your home.

## Continuous Ventilation

By combining our DCV controls with highly energy-efficient EC fans, our systems can achieve high airflows when the heat source room is nice and warm.

Plus, they can continue to transfer heat at low airflows even after the room starts to cool down, to keep providing your other rooms with warmer air as long as possible.

We highly recommend combining our heat transfer systems with our ventilation system.