



## DVS® EC CONNECT RANGE

**NZ designed and manufactured - Internet connected ventilation systems.**

DVS® is breaking new ground in air quality management and condensation control for your home. The Connect series is our fifth generation of product and our best so far! Connected to the people who can help you!

DVS® Connect systems can be connected to your home Wi-Fi router. This means when we make improvements to the system software we are able to send them to you without the need for a potentially costly service visit.

### Humidity, Temperature and CO<sup>2</sup> "under control"

The combined technology, connect-ability, and features available from the DVS® Connect range of ventilation system cannot be compared.

#### Humidity Sensing and control.

The Humidity Sensitive control function constantly monitors humidity levels inside your home and in the air supply. Automatically adjusting to ensure that only air which will keep your house healthier and drier is introduced.

#### Carbon Dioxide (CO<sup>2</sup>) sensing and control.

Closed windows trap air filled with contaminants and Carbon Dioxide (CO<sup>2</sup>) that cause discomfort, fatigue, and lack of focus and can make your in-home climate unhealthy.

The DVS® Connect range constantly monitors CO<sup>2</sup> levels. When the CO<sup>2</sup> reaches an unhealthy level, the system automatically increases the level of fresh air being introduced into your home. This minimises any risk brought on by having too much CO<sup>2</sup> in your air. And is also great for getting a good and refreshing night's sleep.

The CO<sup>2</sup> sensors are a remote wireless device and can be positioned in up to four places in your home.

#### Temperature (DVS® Premium Connect only).

The temperature sensing function allows the DVS® Premium Connect positive pressure system to react to differences in air temperature (comparing the air supply to the air inside of the home). Adjusting the air supply automatically to make best use of free warmth when it is available and then slowing to a minimum ventilation rate when the air is cooler. You are able to adjust the aggressiveness of the system according to what you want to achieve with your DVS®.

### DVS® Connect Controllers - Internet capability

The controller offers personal control of your home environment, all through an easy, simple to use, interface. Your system will be configured for you, and the airflow and settings individually calibrated to the size of your home to run automatically. However, you are able to easily adjust the system functions or fine tune the fan speed to better suit your needs or use the Fan Boost option for clearing the house of extra moisture or smells.

The Connect Control systems are WiFi capable and so can be connected to your home internet. This allows you to download any software updates we make available when we are improving our systems.



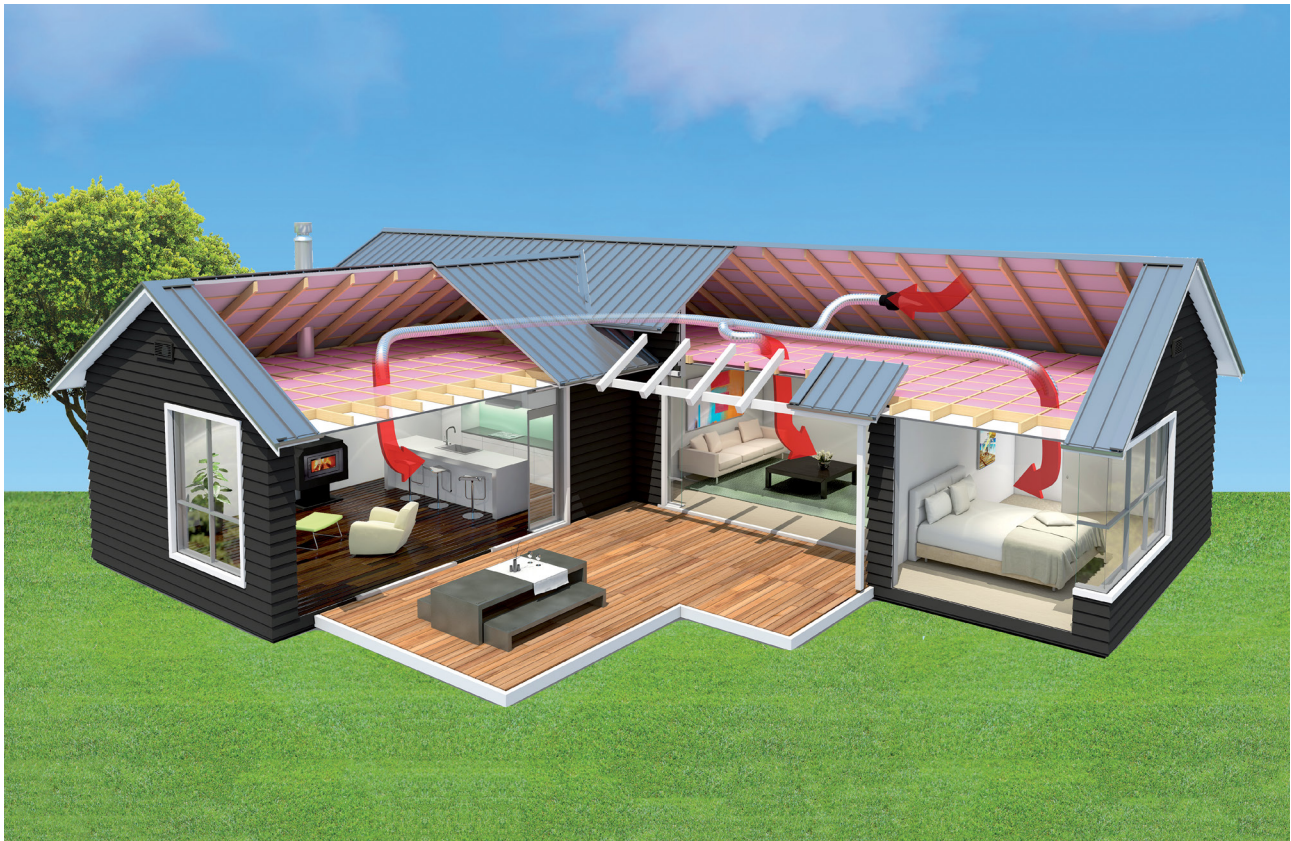
DVS® Premium Connect



DVS® Reclaim Connect

# DVS® PREMIUM CONNECT

Internet Connected - Humidity, Temperature and CO<sup>2</sup> Sensing Positive Pressure System



## How does it work?

A quality German-made energy-efficient fan quietly takes the drier, fresher air from your roof space or from outside the building and draws it through a high efficiency air filter, tested to International standards. The fresher, filtered air is then gently pushed into your home through the DVS® patented ceiling diffusers. The incoming air is directed along the ceilings where it mixes with warmer air and spreads evenly through the home. Put simply, it creates a positive pressure inside your home that 'pushes out' the stale, unhealthy air.

## Additional Features Available

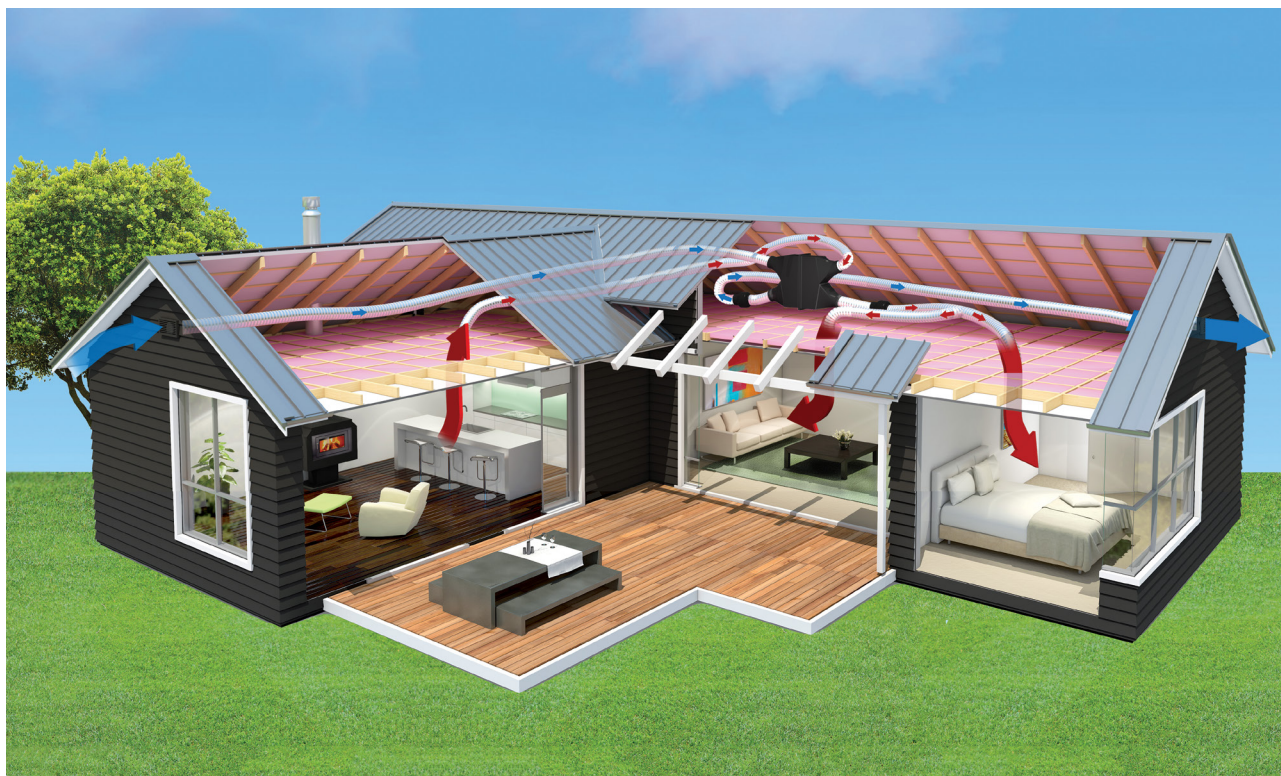
**Tempervent® or Air Warmer:** Designed by DVS® for New Zealand homes to pre-warm (or take the chill off) cooler air from the system during winter months before it enters the home.

**DVS® Integrated Heat Transfer System:** The Integrated heat transfer system is designed to circulate the air from a room with a good heat source, for example a wood burner in the living room, to other targeted rooms in the house such as bedrooms. Making use of the heating you are paying for in your home.

**DVS® Automatic Summer Ventilation:** A continuous supply of fresh, filtered air is drawn from outside of the roof space when the roof space itself becomes too hot. This allows you to make better use of your DVS® during summer, ventilating with fresh air when you're not home to open the windows.

# DVS® RECLAIM CONNECT

Internet Connected - Balanced Heat Recovery Ventilation System



## How does it work?

The DVS® Reclaim Connect is located in your roof space and uses two energy-efficient EC fans. One fan will effortlessly and quietly extract the damp, stale air out of your home. As the DVS® extracts the stale air, the heat exchanger Reclaims energy from it (usually generated by activities such as cooking, showering and paid for heating) before exhausting it outside.

The second fan draws a constant supply of filtered, fresh, outdoor air into your home. The energy recovered by the heat exchanger is transferred to this incoming fresh air, warming or cooling it before it is delivered to your home.

Because the recovered energy is re-used in the home, less heating is required to keep your home at the desired temperature when ventilating your home. That equates to big savings – both to your power bill and the environment.

## Heat Exchanger

The DVS® EC Reclaim Plus (Humidity Sensitive) state- of-the-art heat exchanger reclaims up to 98% of the energy that passes through it, which means very little energy escapes.



## Additional Features Available

**Summer Vent Bypass:** To help keep your home well ventilated in summer, an Automatic Summer Bypass can be fitted to allow the incoming fresh air to bypass the heat exchanger when the outside air is cooler than your home. This component can be automatically or manually controlled.

**Solar Gain Roof Intake:** To make the most of the solar gain in the roof space. A bypass enables the additional warmth to be transferred into the incoming fresh air flow. This is achieved by opening the roof space bypass to allow the roof space air to mix with the extracted exhaust air from your home and pass through the heat exchanger helping to pre-warm the incoming fresh air. This component can be automatically or manually controlled.

**Tempervent® or Air Warmer:** Designed by DVS® for New Zealand homes to pre-warm (or take the chill off) cooler air from the system during winter months before it enters the home.



# WHAT'S THE DIFFERENCE?

With so many different solutions on the market, it can be difficult to know which will suit your unique requirements. The table below is a guide to help you determine the features each system offers, however, a DVS® consultant can provide further, free, no obligation advice for a healthier, more comfortable and energy-efficient home.

DVS® Systems From 01/06/2020	DVS® HTS Heat Transfer	DVS® AUTO PLUS Positive Pressure	DVS® Climate Controlled Positive Pressure	DVS® Premium Connect Positive Pressure	DVS® Reclaim Connect Balanced Pressure Heat Recovery
NZ made	●	●	●	●	●
On site five year parts and labour warranty	●	●	●	●	●
User adjustable features	●	●	●	●	●
DVS® 200mm ducting for quiet operation and efficiency		●	●	●	●
DVS® insulated duct R1.0 main to DVS® insulated R0.6 branches	●			Included with Integrated heat transfer and Auto Summer Vent	●
DVS® insulated R0.6 ducting entire system		Optional	Optional	Optional	
DVS® patented ceiling outlets	Optional DVS® Grille intake	●	●	●	●
Extra DVS® Outlets if required	●	●	●	●	●
Designer outlets for ceiling and wall	●	Optional POA	Optional POA	Optional POA	Optional POA
Higher capacity, long life with lower running cost EC Fan System	●	●	●	●	●
Twin fan		Included with twin fan systems	Included with twin fan systems	Included with twin fan systems	●
Roof space air supply		●	●	●	
Outside air supply		Optional	Optional	Optional	●
Standard DVS® filter(s) Note: Replacemnet DVS® filters are available as a DIY option	Optional	●	●	●	●
Carbon filter(s) Note: Replacemnet DVS® filters are available as a DIY option	Optional	Optional	Optional	Optional	Optional
Electronic Monotone display control panel	●	●			
Electronic Colour LCD display control panel			●		
Electronic LCD display & touch screen control panel				●	●
Programmed to house size		●	●	●	●
Easy fan boost (odour removal)			●	●	●
User adjustable system timer			●	●	●
Responds to room temperature	●		●	●	●
Responds to air supply temperature		●	●	●	●
Roof space heat recovery		●	●	●	Optional with Roof Space Solar Gain fitted
Fan speed computer program for full function Heat recovery and Heat retention			●	●	
Heat exchanger					●
Tempervents			Optional	Optional	Optional
Integrated heat transfer				Optional	
Auto summer vent				Optional	Optional
Humidity sensing and control			●	●	●
Temp & Humidity graphs (24hr)			●		
Temp & Humidity graphs (7 day)			●	●	●
CO2 sensing and control				●	●
Future proofing multiple function capacity - with additional hardware				●	●
Internet connected				●	●
Online software upgrades				●	●

For further information or to arrange a free no-obligation quote call **0800 387 387** or visit [www.dvs.co.nz](http://www.dvs.co.nz)