

NZ's home ventilation specialists

SmartVent 



SMARTVENT HOME VENTILATION SYSTEMS
www.smartvent.co.nz

*Become the
climate expert
in your home*

Introduction to Ventilation

Why ventilate?

Adequate ventilation of your home will keep you and your home healthy by reducing excess moisture, condensation, stale air and the negative effects of these.

We are all aware of visible condensation and mould, a direct result of excess moisture in the home. What isn't visible is the dampness and how this contributes to allergies and illness.

About 30% of NZ homes suffer problems associated with moisture internally which is one of the reasons we have one of the highest rates of asthma and respiratory illness in the world.

Ventilation Methods

Passive ventilation

The traditional method of ventilating a home by opening windows or doors, which is not always practical.

Active ventilation

This is the use of fans and ducting to introduce air into the home.

Choosing a SmartVent System

The difference

Home ventilation systems require fans, filters, duct & diffusers to introduce air into the home. What makes SmartVent the better choice is the superior quality of our systems.

Backed by a manufacturers **5 year warranty** our superior fans are truly reliable.

We use **insulated and acoustic ducting**, which reduces air transfer noise and retains air temperature. So heat loss is minimised during cooler months, and coolness is retained in air transfer during warmer months.

High quality F7 Filters capture airborne particulates such as dust, pollen and mould spores that can exacerbate asthma and other respiratory illnesses.

These components of the SmartVent system work away hidden in your ceiling space. All you will see is your smart controller and the **unobtrusive diffuser**, and of course the results of your SmartVent system reducing condensation.



NZ's Home Ventilation Specialists

The average NZ household produces around 100 litres per week of moisture in the home from everyday activities such as cooking, showers and breathing.*

* EECA
Energy Efficiency & Conservation Authority

Modern home design and lifestyles result in little or no ventilation. Active ventilation manages the health and comfort of your home by introducing regular fresh air changes.

*Choose a SmartVent Positive Pressure system with multifunction digital keypad or the advanced SmartVent Evolve system with **temperature & humidity sensor technology** & tablet based controller.*



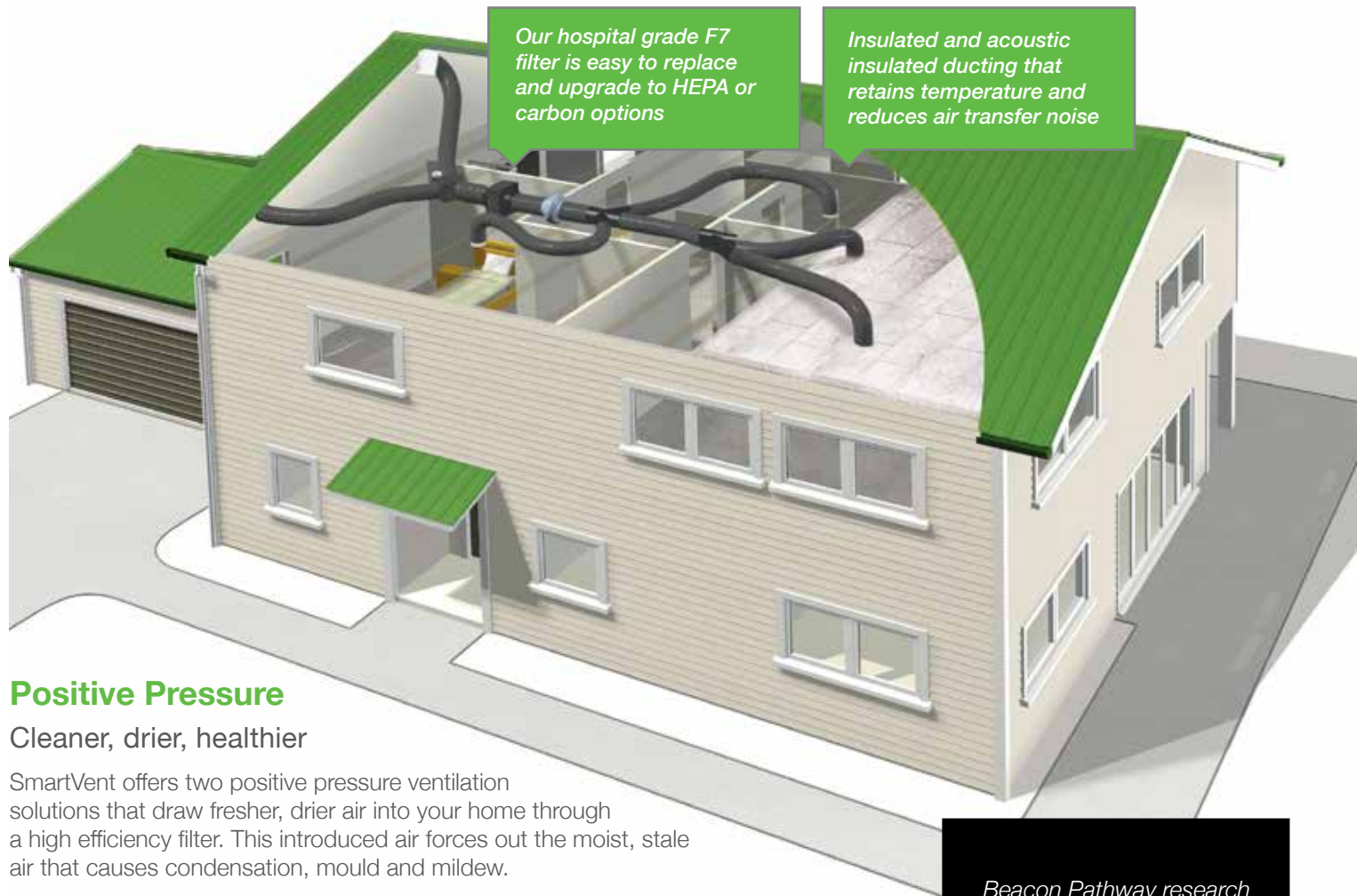
Stylish flat diffusers, inset in your ceiling are fully adjustable for balanced airflow into each room.



EVOLVE tablet controller



POSITIVE digital keypad



Positive Pressure

Cleaner, drier, healthier

SmartVent offers two positive pressure ventilation solutions that draw fresher, drier air into your home through a high efficiency filter. This introduced air forces out the moist, stale air that causes condensation, mould and mildew.

SmartVent POSITIVE comes with a digital keypad controller where you can set your preferred temperatures to control the fan speed and air source. The smart controller adjusts to suit your requirements and distributes filtered air around the home.

SmartVent EVOLVE is the intelligent tablet based ventilation system that uses both **temperature and humidity sensors**. The sensor readings are used to determine the ventilation level and best air source required to reduce condensation. The wireless android tablet lets you be the climate expert in your home.

SmartVent EVOLVE is the only ventilation system available in NZ that has the features recommended by EECA and Beacon Pathways research.

Beacon Pathway research has found that for best moisture removal performance look for a system that considers both temperature and humidity of the supply air and inside the house to control the system.

EVOLVE Tablet



Wi-Fi



Temperature



Humidity



Ventilation



Display

User friendly display with icon boxes where preferences can be adjusted and temperatures around the home are easily read.

Active temperatures

View the current temperatures around your home, in your roof cavity and outside.

Mode

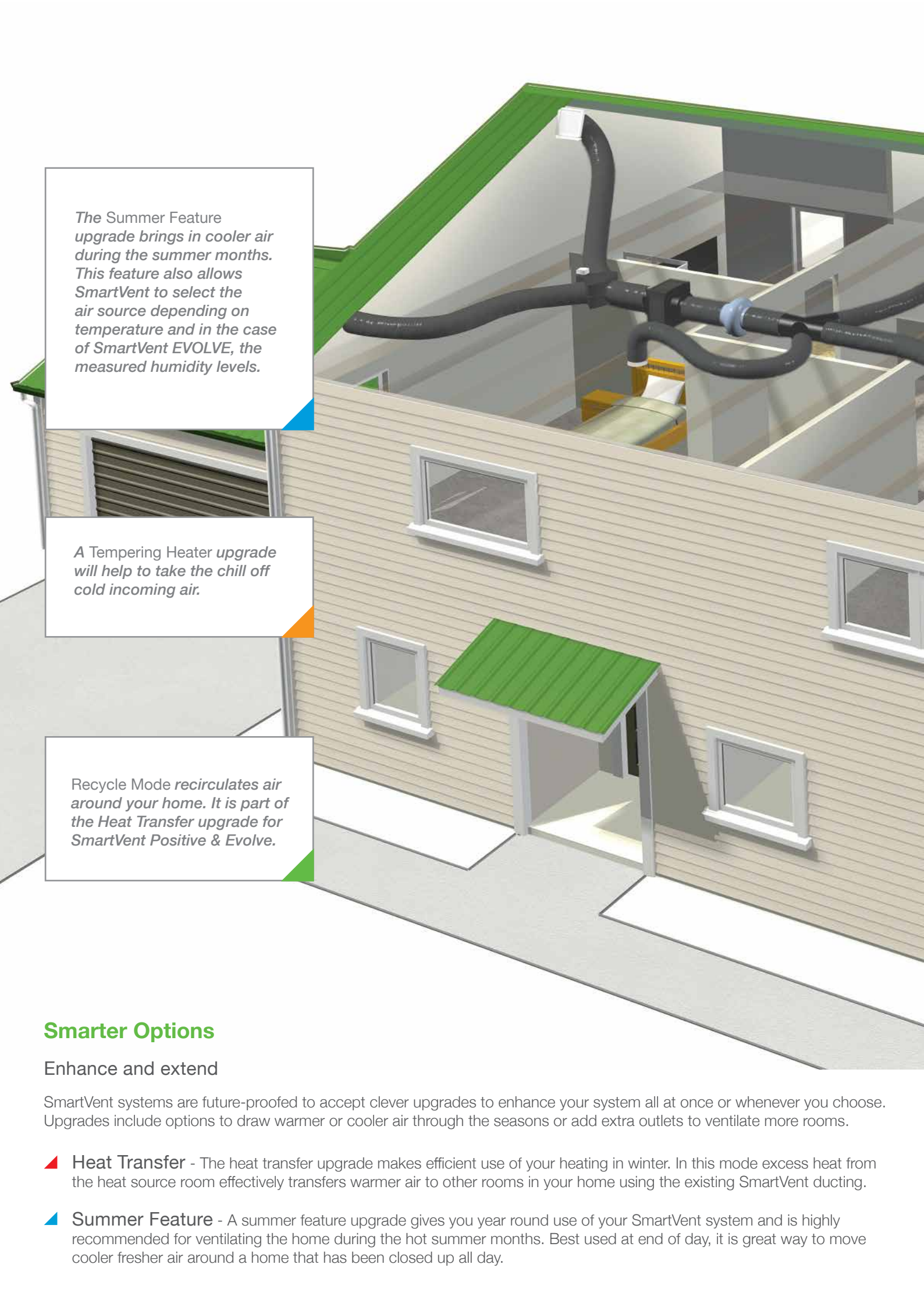
Schedule the right ventilation at the best time for your home - refine it as you choose, quickly and easily.

Eco

When the Evolve eco leaf is selected you're saving energy. With multiple eco settings you are in control.

Auto

Evolve will work to optimise both temperature and humidity levels in your home.



The Summer Feature upgrade brings in cooler air during the summer months. This feature also allows SmartVent to select the air source depending on temperature and in the case of SmartVent EVOLVE, the measured humidity levels.

A Tempering Heater upgrade will help to take the chill off cold incoming air.


Recycle Mode recirculates air around your home. It is part of the Heat Transfer upgrade for SmartVent Positive & Evolve.

Smarter Options

Enhance and extend

SmartVent systems are future-proofed to accept clever upgrades to enhance your system all at once or whenever you choose. Upgrades include options to draw warmer or cooler air through the seasons or add extra outlets to ventilate more rooms.

- ▲ **Heat Transfer** - The heat transfer upgrade makes efficient use of your heating in winter. In this mode excess heat from the heat source room effectively transfers warmer air to other rooms in your home using the existing SmartVent ducting.
- ▲ **Summer Feature** - A summer feature upgrade gives you year round use of your SmartVent system and is highly recommended for ventilating the home during the hot summer months. Best used at end of day, it is great way to move cooler fresher air around a home that has been closed up all day.



A Heat Transfer upgrade makes better use of your heating in winter. Excess heat from a source room is transferred to other rooms in your house.

Extension Kits enable you to expand your system to your requirements, including between floors.

*SmartVent systems have a **future-proofed** control box so optional upgrades can be installed any time. Your system will easily recognise and control the new features.*

- ▲ **Tempering Heater** - Available in 1kW or 2kW, depending on system. A tempering heater takes the chill off the air when temperatures in the roof space are cool.
- ▲ **Extension Kit** - A SmartVent extension kit gives you the flexibility to extend your system to other rooms in the home by installing additional outlets to your SmartVent.
- ▲ **Recycle Function** - Part of the Heat Transfer upgrade. In this mode you can choose the air to recirculate around the home, when outside air is too cool or damp to bring in.

Other SmartVent Innovations

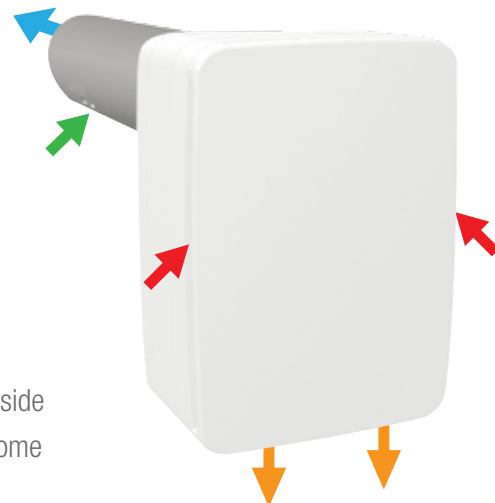
Single Room Heat Recovery

Ventilate areas where a traditional heat recovery ventilation system is not practical. This single room heat recovery fan meets the performance requirements for continuous ventilation under the NZ Building Regulations.

The unique, compact heat exchanger has an efficient core to recover energy from the air as it is extracted and return a continuous flow of pre-warmed fresh air. This is a great solution for areas within the home that do not have a roof space, for residential retrofit, new builds and for multiple single room application ie: care facilities, apartments.

Moist, humid air is extracted from the home
Extracted moist/stale air exits the home

Fresh drier air supplied from outside
Warmed supply air enters the home



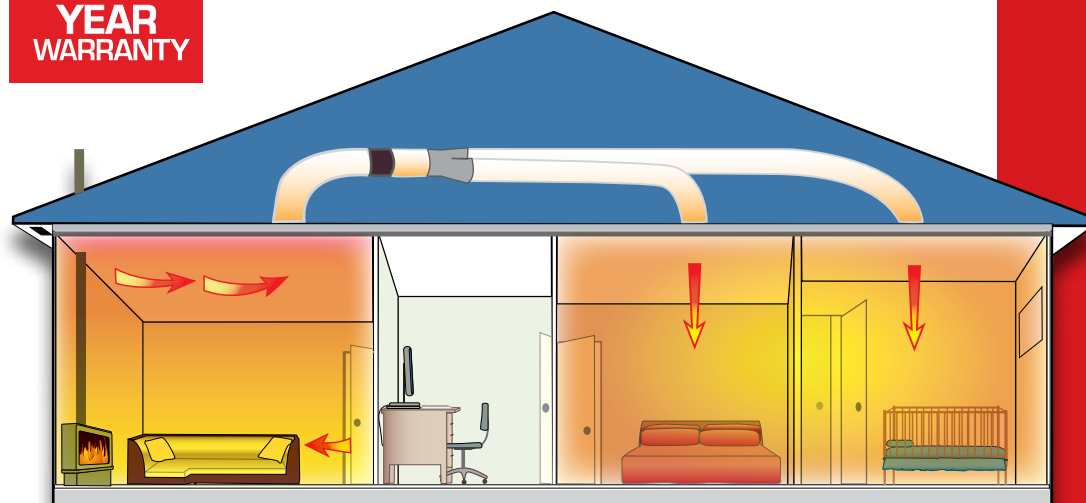
Heat Trans heat transfer

Heat Trans systems are designed to utilise your excess heat by transferring it from your lounge or heat source room, and distributing it to other rooms in your home.

By transferring any excess heat you can reduce the chill off the air in bedrooms, creating a warmer, more comfortable environment throughout the home. The only system on the market to include acoustic insulated ducting, Heat Trans achieves maximum heat retention with minimum air transfer noise.

Automated touch screen technology gives effortless control of your Heat Trans system, with a clear large screen displaying the 'heat source' room temperature. The system automatically adjusts the fan speed to achieve your preferred temperature by transferring the excess heat to other rooms in your home.

With the Timer function, set the system to turn off when you choose and use the HOT/COOL modes for year round use, if the optional extra Summer Feature has been installed.



*Heat Trans can help **make the most of your heating** system by transferring excess heat around your home*



Excess heat from your heat source rises to ceiling level where it is trapped. This excess heat can reach temperatures of 30-35°C.



The excess heat is effectively transferred to other rooms using a high quality fan and insulated ducting.



Air movement occurs from the bedrooms back to the lounge creating re-circulation of warmer, drier air throughout the home.

Smart Connections

SmartVent is proud to be recommended by the **Certified Builders Association of New Zealand**, which promotes a commitment to excellence within the building industry.

SmartVent is proud to be a member of the **Climate Control Companies Association (CCCA)**. The purpose of the association is to promote high standards of business competence and industry conduct for companies engaged in climate controlled environments.

Future Proof Building recommended products provide you with greater choices to balance your requirements and adjust to the changes to your home or lifestyle. SmartVent is future proofed to allow easier install of a range of upgrades & extensions.

Simx is the proud manufacturer of the SmartVent range, and is a wholly owned and operated New Zealand company with over 30 years of business in the ventilation market. Peace of mind comes from choosing a product that is industry recognised, and backed by a comprehensive warranty and technical support.



SmartVent Climate Experts

SmartVent Home Ventilation specialists have everything you require to create a healthy, comfortable and energy efficient home.

Customer Service

Options and advice

SmartVent has a dedicated customer service team who can offer advice on a wide range of ventilation systems and options available for your home. All SmartVent systems have been designed specifically for New Zealand's climate and conditions, to create a healthy, comfortable and energy efficient home. Call our team to book a free in-home assessment.

In-Home Consultation

Free and accurate

A qualified SmartVent consultant will visit you to assess your ventilation needs and specify a SmartVent system designed to create a healthy, comfortable and energy efficient home for you and your family. Consultation is provided free of charge and without obligation.

Qualified

SmartVent installers are fully qualified electricians. These friendly knowledgeable SmartVent specialists will install your system to the highest standards, assuring a quality installation and complete satisfaction backed by a comprehensive 5 year warranty.

Building or renovating your home?

Send in your house plans and our SmartVent team will recommend the system layout with optimum performance for your home.

Best range

SmartVent has a wide range of ventilation systems and options available which are all designed specifically for New Zealand's climate.

A well designed and installed home ventilation system is very important as it supplies fresher, drier air to improve air quality and drier air is easier to heat, saving you money.

SmartVent 
NZ's Home Ventilation Specialists



**5
YEAR
WARRANTY**

excludes filters and Evolve tablet

*Find out more on at
www.smartvent.co.nz
or call our friendly
team to book a free
consultation*

0800 140 150

*SmartVent
really are the
Climate Experts*

Our comprehensive range of products are designed for Kiwi homes with features & benefits that offer specific ventilation solutions for the New Zealand climate.

SmartVent POSITIVE

Temperature control
Digital keypad controller
Acoustic insulated duct standard
Optional heater
Optional air sources

- Summer Feature
- Heat Transfer
- Recycle function

Expandable
5 Year Warranty

Heat Trans

Temperature control
Automated touch screen
Acoustic insulated duct standard
Optional air sources

- Summer Feature

Expandable
5 Year Warranty

SmartVent EVOLVE

Dew point control
Temperature and humidity sensors
WiFi access
Tablet controller
Acoustic insulated duct standard
Optional Heater
Optional air sources

- Summer Feature
- Heat Transfer
- Recycle function

Expandable
5 Year Warranty

Single Room Heat Recovery

Flexible single room system
Low energy consumption
Low noise
Constant trickle ventilation
Boost function
5 Year Warranty



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www.smartvent.co.nz

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Dealer Details