



**SmartVent**  
evolve



# HOME VENTILATION SYSTEMS

Unique positive pressure ventilation

Fresh filtered drier air from roof cavity, or outside, to rooms

Temperature and moisture sensor technology

Automated fan speed control

Low to no-noise operation

Seasonal add-ons available

Expandable



**Control indoor climate**

Reduce moisture, mould and mildew



# better air = better health

*Without adequate ventilation your home fills with moisture and toxic nasties*



While moisture and mould buildup are obvious signs of poor ventilation in the home, what we don't see are the ever present airborne contaminants (VOCs) that can contribute significantly to eye irritations, headaches, fatigue and dizziness. All of which are symptomatic of *sick building syndrome* condition.

Ventilation can help stop all of these conditions from occurring by creating and moving clean air to where it is most required. This can be achieved by either leaving your windows or doors open and simply hoping for the best (passive ventilation), or by using a controlled process which continuously regulates and distributes clean filtered air to selected rooms around your home (active ventilation).

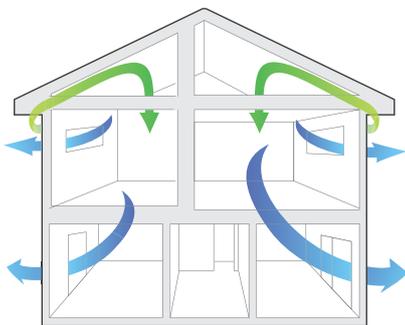
A well designed and installed home ventilation system is very important as it supplies fresher, drier air to improve air quality and drier air is easier to heat, saving you money.

*SmartVent Evolve2 is designed to deliver optimal ventilation and comfort as moisture levels and temperature change in and around your home.*

# SMARTVENT EVOLVE2 - UNIQUE VENTILATION

SmartVent Evolve2 is the only centralised positive pressure ventilation system available in New Zealand that actively measures the moisture content of the air and reacts to improve air quality, reducing the risk of over-ventilating your home. While traditional positive pressure systems measure temperature alone, SmartVent Evolve2 incorporates multiple sensors that calculate dew point - an important factor in controlling condensation.

As a positive pressure system, SmartVent Evolve2 draws in fresher, drier air from the roof cavity and filters it before distributing the clean air into, and around, your home via a network of ceiling diffusers. Air from the outside can also be sourced if the seasonal add-on option is part of your SmartVent Evolve2 ventilation system. Whichever the air source option, the air movement created forces the moist, stale air and unwanted pollutants that cause condensation, mould, mildew and health problems, out of your home giving you better air for a healthier home.



#### Outside Air

Filtered drier air drawn from the roof cavity or from outside

#### Exhaust Air

Moist, stale air forced out of the home through gaps and openings

*Like a cold drink on a hot day, moisture will form when the warm air inside your home comes into contact with cold surfaces and windows.*

*We refer to warm air reaching it's dew point as condensation*

## Seasonal Add-On Options

Your system will easily recognise and accept any of the following optional upgrades as and when installed.

- + *Cool* For continued quality ventilation in warmer months supplying outdoor air when the roof cavity temperature exceeds that of the outside air.
- + *Heat* To draw excess heat from your heated lounge and transfer it to bedrooms.
- Tempering Heater* To help take the chill off incoming air (*not a home heating solution*).

# SMARTVENT EVOLVE2 - WHAT DO YOU GET

SmartVent Evolve2 systems use proprietary sensor controls designed for New Zealand conditions.

The SmartVent Evolve2 system consists of German EBM fans, nude and acoustic insulated ducting and high quality F7 grade filters installed in the roof cavity, ceiling mounted diffusers and an internal wall mounted touch screen controller.



*The SmartVent Evolve2 wall controller is an easy-to-use daily scheduler for specific ventilation requirements.*

*On-screen information confirms current temperatures, moisture levels and system status.*

*Once you have selected your preferred temperature, the system operates automatically.*

***SmartVent Evolve2 has an advanced control system with temperature and humidity measurement as standard - a first for New Zealand***

# THE CLIMATE EXPERTS

## Customer Service

SmartVent has a dedicated customer service team who can offer advice on a wide range of ventilation systems and options for your home. Call our team to book a free in-home assessment.

## In-Home Consultation

A qualified SmartVent consultant can 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. Consultations are provided free of charge and without obligation.

## Planning Services

If you are building or renovating your home then send our SmartVent technical team your house plans for their consideration and recommendation on the optimum system layout for your home at no charge or obligation.

## Accredited Installers

SmartVent Accredited installers are fully qualified electricians. As knowledgeable SmartVent specialists they will install your system to the highest standards, assuring a quality installation.



All SmartVent systems are backed by a 5-year warranty (excluding filters).

### SmartVent Evolve2 Range

**SV02E2** - 2 system outlets (expandable to 3 max.) for homes up to 100m<sup>2</sup>

**SV04E2** - 4 system outlets (expandable to 6 max.) for homes up to 280m<sup>2</sup>

**SV06E2** - 6 system outlets (expandable to 12 max.) for homes up to 560m<sup>2</sup>

*Extension Kits can be used to add further system outlets, up to the maximum shown above for each model*

Pair your SmartVent Evolve2 advanced ventilation system with a Manrose bathroom extraction fan. Manrose - the market leading brand distributed by Simx Ltd.

## better air = better health



NZ's Home Ventilation Specialists

[www.smartvent.co.nz](http://www.smartvent.co.nz)

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