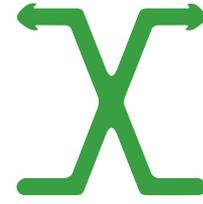




**SmartVent**  
synergy



# HOME VENTILATION SYSTEMS

- Perfect ventilation system for modern homes
- Balanced energy recovery system
- Fresh filtered drier air from outside to rooms
- Simultaneous air extraction/replacement
- Temperature and moisture sensor technology
- Automated fan speed control
- Low to no-noise operation
- System 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.

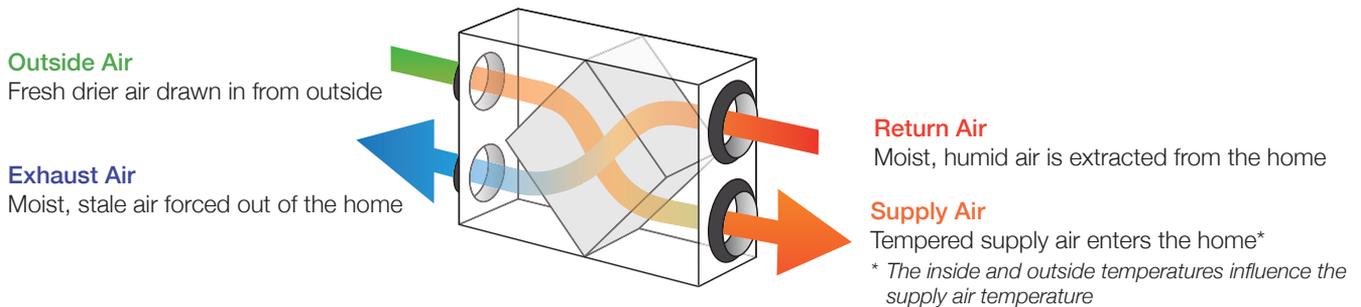
Ventilation can help stop all of these conditions from occurring by creating and moving clean air to where it is most required. This can be achieved by either leaving your windows or doors open and simply hoping for the best (passive ventilation), or by using a controlled process which continuously regulates 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 Synergy2 is designed to deliver optimal ventilation and comfort, as moisture levels and temperature change in and around your home, with the added benefit of energy recovery technology - a perfect solution for your modern home.*

# SMARTVENT SYNERGY2 - MODERN HOME VENTILATION

SmartVent Synergy2 is the only centralised energy recovery 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 energy recovery systems measure temperature alone, SmartVent Synergy2 incorporates multiple sensors that calculate dew point - an important factor in controlling condensation.

As the two airflows pass by each other, the clean incoming air is able to be tempered without being polluted. The clean air is then distributed into, and around, the home via ceiling diffusers giving you better air for a healthier home.



## System Add-On Options

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

### + Flexibility

Enables system to draw air from the roof cavity.

### + 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)

### + Bypass

Brings fresh air from the outside in summer time and bypasses the heat recovery process (SYN190E2 only)

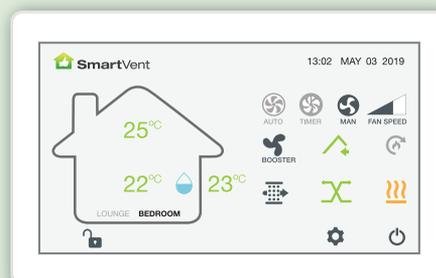
*Like a cold drink on a hot day, moisture will form when the warm air inside your home comes into contact with cold surfaces and windows.*

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

## SMARTVENT SYNERGY2 - WHAT DO YOU GET

SmartVent Synergy2 systems use proprietary sensor controls designed for New Zealand conditions.

Your SmartVent Synergy2 system consists of nude and insulated acoustic 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 Synergy2 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 Synergy2 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 Synergy2 Range

- SYN190E2** - 3 supply outlets/1 extracts (expandable to 4 supply outlets/2 extracts max.) for homes up to 150m<sup>2</sup>
- SYN1015E2** - 3 supply outlets/1 extracts (expandable to 4 supply outlets/2 extracts max.) for homes up to 150m<sup>2</sup>
- SYN2025E2** - 3 supply outlets/1 extracts (expandable to 4 supply outlets/2 extracts max.) for homes up to 250m<sup>2</sup>
- SYN3035E2** - 3 supply outlets/1 extracts (expandable to 4 supply outlets/2 extracts max.) for homes up to 350m<sup>2</sup>

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

Pair your SmartVent Synergy2 balanced ventilation system with a Manrose bathroom extraction fan. Manrose - the market leading brand distributed by Simx Ltd.

## better air = better health



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

Distributed by Simx Limited

General enquiries ph: 0800 140 150

