



Overview

SmartVent Balance is an energy efficient centralised heat recovery ventilation system that uses advanced automation and an advanced heat recovery core to ventilate a home with minimal heat losses. The unit is a complete home solution with built-in sensors which record humidity and temperature as air flows through the unit. While ideal for any home more air-tight construction enhances the energy recovery benefits.

Using an integral counterflow heat exchanger, up to **90%** of heat energy can be recovered from your home, maximising energy efficiency. Running costs are further minimised with energy efficient brushless EC motors. The Balance's polymer heat recovery core enables heat transfer and extraction from wet zones like bathrooms, which is useful in continuous applications. A built-in core bypass allows for effortless summer operation. Acoustic and thermal ducting is also present, for quiet and efficient running. The SmartVent Balance is designed for completely autonomous operation, but the unit's digital controller is still available if manual operation is desired.

SmartVent Balance Range

Home ventilation system best suited to homes built to modern standards.

What is the size of your home (m ²)?	Description	Model
Up to 150m ²	3 supply outlets/1 extract (expandable to 4 outlets /2 extracts*)	BAL225
Up to 250m ²	5 supply outlets/2 extract (expandable to 6 outlets /3 extracts*)	BAL405

#Contact SmartVent for design advice if more outlets or extracts are required

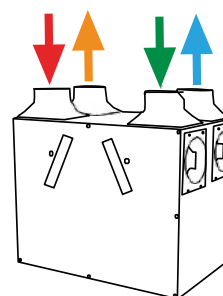
Add-Ons

Due to its advanced systems, built-in core bypass and highly efficient heat recovery core, Balance does not require any add-ons.



Combat Condensation

Reduce moisture, mould and mildew while maximizing energy efficiency



Return Air - Moist, humid air is extracted from the home

Outside Air - Fresh air drawn in from outside

Exhaust Air - Moist, stale air forced out of the home

Supply Air - Tempered air enters the home

Features

Humidity Sensing	
Temperature Sensing	
Auto or Manual Operation	
Core Efficiency (°C)	Up to 90%
Core Bypass	
Boost Control	
Filter Change Alert	

