

SmartVent Tempra

Overview

SmartVent Tempra is a single room heat recovery unit suitable for residential retrofit and new builds, elderly care facilities, student accommodation, military barracks and apartments.


SmartVent Tempra meets the performance requirements for continuous ventilation under the NZ Building Regulations. With a 100mm diameter heat recovery outlet, these units have low energy consumption and low noise levels.

Based on a 2.4m stud and 0.35 ACH (as per NZS4303.1990), SmartVent Tempra can be set to run continuously at 6 l/s (for rooms up to 25m²) or 9 l/s (for rooms up to 37m²), boosting up to 13 l/s, recovering energy from the extracted air and returning it to the dwelling.

The unique, compact heat exchanger has a temperature **efficiency up to 80%**, saving energy and reducing your carbon footprint while providing quality ventilation in situations where a traditional heat recovery ventilation system is not practical.

SmartVent Tempra Range

Description	Order Code
Standard Tube	FAN4439
Long Tube	FAN5945



Low
Noise

Low
Energy
Consumption

Constant trickle ventilation (24 hours, 7 days) with airflow boost option.

Separated airflows so that extracted moisture extracted is not re-introduced.

Consistently higher heat recovery than units that use "extract-supply cycling" methods.

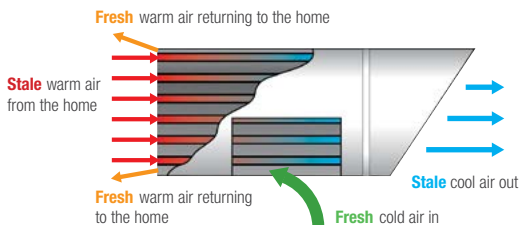
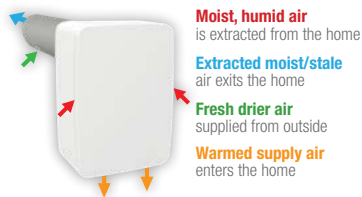
Low energy consumption.

Low noise.

Security – reduces risk of theft as windows are not required to be left open.

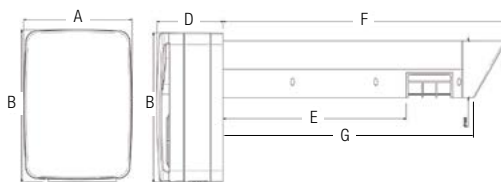
Can be switched to 'extract only' if desired.

Heat Exchanger



Dimensions (mm)

Model	A	B	C	D	E	F	G
FAN4439	190	266	262	117	321	496	450
FAN5945	190	266	262	117	461	636	590



Performance

Specification	Trickle – Low	Trickle – High	Boost
Free Air Performance	6 l/s	9 l/s	15 l/s
Power	3.2W	5.7W	26.6W
Sound*	27.3 dB(A)	35.9 dB(A)	48.8 dB(A)

* Octave band frequency range of 250Hz to 4KHz at 3m. Unit mounted on a reflective surface.