



SmartVent

tempra

Overview

SmartVent Tempra is a single room through wall heat recovery unit suitable for residential retrofit and new builds, elderly care facilities, student accommodation, military barracks, apartments and locations with no roof cavity access.

SmartVent Tempra meets the performance requirements for continuous ventilation under the NZ Building Regulations. With a 100mm diameter heat recovery outlet, these easy-to-use 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 heat energy from the extracted air and returning it to the dwelling.

The unique, compact heat exchanger has a core efficiency of 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.



Ventilate Your Room

Single room heat recovery

- Constant trickle ventilation (24 hours, 7 days) with airflow boost option
- Separated airflows so that extracted moisture 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

SmartVent Tempra Range

Length	Rooms	Description
450mm	1	Standard Tube
590mm	1	Long Tube

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.

Heat Exchanger

