

HTWV1R

FRESH SERIES WALLVENT
FOR 1 ROOM



hometechTM
The Ventilation Specialists



SPECIFICATIONS

Air Flow	Supply: 4.9 - 6.5 - 9.7l/s Extract: 5.6 - 8.2 - 12.0l/s
Diameter	165-170dia penetration, 150dia core
Duct Run	Back to Back
Noise	36.4dB (low) - 49.9dB (high)
Install Location	Single Room
Minimum Clearance	210mm wall thickness (max) 110-160mm (min, adjustable with telescoping flashing)
Rooms Served	One
Ventilation Type	Balanced (Reciprocal)
Filter	G4 Filter
Control	Three Modes + Three Speeds
Power	5.85W (EC Motor)
Add-ons	NA

PRODUCT DESCRIPTION

The Hometech Wallvent is a through wall fresh air system. Designed with a reversible fan so that it can either supply or remove air. Suitable for single room, external wall applications.

KEY BENEFITS

- Flexible: a modular ventilation system is ideal for apartments, basements, and other challenging spaces
- The Air You Need: Low-flow ventilation so you don't bring in more air than you need
- Horizontal installation: Fits most New Zealand wall thicknesses with no invasive roof access required
- No fuss: Look after your filter yourself with our wash and reuse standard filter
- Ceramic core: For heat recovery to improve energy efficiency
- Energy Efficient Motor: The Continuous Extract Series use EC motors for low power usage and longer life spans so they can stay on all the time.

APPLICATIONS

*This system is suitable for, but not limited to the following areas:

- Single room ventilation, basements and lower levels, supply and extract

PRODUCT COMPLIANCE

- G4: Fresh air volume designed to exceed 0.35ACH in 10-20m² rooms
- Homestar: v5 6-8 Stars (Balanced Ventilation)
- B2, E2

ELECTRICAL

- Electrical connection excluded.
- All fans to be connected to an isolating switch as per AS/NZS 3000:2018.

WARRANTY

- 10 Years

Terms and conditions apply.

EXPANSIONS / ALTERNATIVES

- NA

LIMITATIONS

- A heat recovery core tempers the incoming air by moving some of the heating or cooling energy from the outgoing air to the incoming air. If you don't have supplementary heating or cooling then the house will typically equalize with the outdoor air temperature over time.
- While fresh air systems can reduce the relative humidity of a house they aren't the equivalent of a traditional dehumidifier. Instead they rely on physics to achieve moisture removal this means the ambient weather conditions will affect the performance.
- As this is a low flow system it is not designed to replace standard extract fans for moisture removal at source (such as bathroom or kitchen extract). Instead it is designed to provide fresh air to the space at the volume recommended by building code.

INSTALLATION

To be carried out by Hometech to manufacturer's recommendations:

- Installation in retrofits requires locating existing power supplies and can be challenging.
- Wall penetration through masonry (or similar) require additional skills and a qualified professional should be used.

MAINTENANCE

- At regular intervals following installation, the filter should be cleaned to ensure there is no build-up of dirt or other deposits. It is recommended this is done as part of a scheduled yearly maintenance program. Or more frequently if required.
- If any problems arise, please contact your installation professional.