

Freshvent

Features & Benefits

- Completely silent, all year round ventilation
- Complements existing ventilating fans
- Filtered, natural air without draughts
- Control of the indoor environment
- Helps prevent damaging condensation
- No energy consumption, no running costs



Natural Ventilation

Freshvent 100 is a range of passive ventilators that simply and naturally provide the effective ventilation needed by everyone working and living in an indoor environment. When used with positive pressure ventilation, Freshvent 100 provides an important outlet for air circulating around the house. Stale air is expelled through the unit to the outside without letting in noise and draughts.

This makes Freshvent 100 particularly suited to the 'tight' construction of new homes - and provides a stylish alternative to traditional slot/airbrick ventilators. In addition, Freshvent 100 is ideal for older properties that have been refurbished with double glazing and loft insulation. They require ventilation to combat the problems associated with condensation.

Kitchens, utility rooms, bathrooms and toilets are rooms where conventional domestic extract fans are normally found. The natural ventilation principle of Freshvent 100 is particularly suitable for 'clean' living spaces such as bedrooms, lounges and work rooms.

There are four Vent-Axia Freshvent 100 models and an extensive range of accessories available to customise the units to your exact requirements. All units are easily dismantled allowing quick access to the filter for cleaning or replacement. The high capacity of the filter results in fewer filter changes. The damper plate is insulated against condensation and noise penetration.

Acoustic Duct Versions

Acoustically damped pipe fitted around unit to reduce external sources of noise such as traffic. Suitable for bedrooms and other rooms where low noise levels are a priority. Comes complete with Freshvent 100 db and Freshvent 100 Thermo db versions.

Free Area

Product	Equivalent free area
Fresh 100	3200
Fresh 100dB	3200
Fresh 100 Thermo	2640
Fresh 100 Thermo-dB	2640

Models

Freshvent 100

Pullcord operated. Designed to provide filtered air from outdoors while mixing it efficiently with the air in the room. Adjustable to increase or reduce the free area and airflow to suit a particular environment.

Model	Stock Ref
100	453200

Freshvent 100 dB

Pullcord operated. Adjustable to increase or reduce the free area and airflow to suit a particular environment. Supplied with acoustically damped pipe for applications requiring low noise levels.

Model	Stock Ref
100 dB	453208

Freshvent 100 Thermo

Thermostatically regulated, with the vent size automatically adjusting according to the temperature outside. As the temperature decreases the damper closes, opening again as the temperature rises. The built-in thermostat regulates the size of the damper opening so that it starts to close at 10°C and is completely closed at -5°C.

Model	Stock Ref
100 Thermo	453182

Freshvent 100 Thermo dB

Thermostatically regulated, with the vent size automatically adjusting according to the temperature outside. As the temperature decreases the damper closes, opening again as the temperature rises. The built-in thermostat regulates the size of the damper opening so that it starts to close at 10°C and is completely closed at -5°C. Supplied with acoustically damped pipe for applications requiring low noise levels.

Model	Stock Ref
100 Thermo dB	453253

All versions come with a standard general duty filter. Replacement filters are available.

Accessories

Model	Stock Ref
Filter for Freshvent 100	453188
Filter for Freshvent 100 Thermo	453197
Extension Bushing	453275

Storm Shield

May be fitted to the Freshvent range to prevent ingress of water and eliminate the risk of draughts and cold air surges. Closes entirely during storms. Particularly suitable for high-rise/coastal applications or anywhere exposed to high winds.

Not suitable for dB models.

Model	Stock Ref
Storm Shield	453206

Dimensions (mm)

Model	Wall fixing hole dia Ømm	Max wall thickness mm
Freshvent 100	100	360
Freshvent dB 100	150	400
Freshvent 100 Thermo	100	320
Freshvent 100 Thermo dB	150	400
