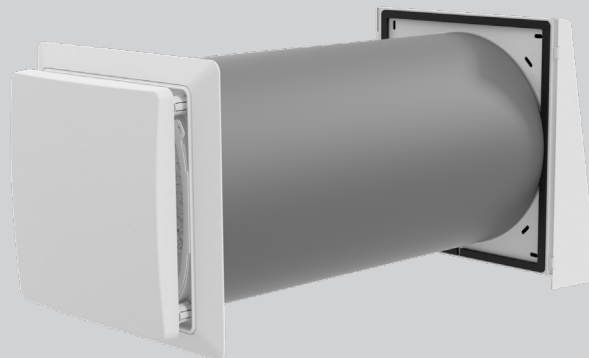


# Vent-Axia Lo-Carbon Heat Save Office

- Suitable for improving indoor air quality in small commercial rooms
- Fully customisable ventilation via a control panel
- Easy to install, no need for ducting, wall sleeve included
- Easily maintained with cleanable filter and ceramic heat exchanger
- 5 year warranty for peace of mind
- Up to 88% heat recovery to reduce energy bills
- Anti-frost protection built in
- Replace extracted air with filtered air
- Reduce carbon footprint and save money on energy bills



## Through-The-Wall Heat Recovery Unit

The Vent-Axia Lo-Carbon Heat Save Office is a ventilation unit designed for small commercial premises (e. g. offices, doctors' surgeries). The unit should be located in an exterior wall to provide new air to the room.

The Vent-Axia Lo-Carbon Heat Save Office uses a reversible fan to extract dirty air from the room and replace it with outside air 70 seconds later. This air passes through a filter to ensure that clean air enters the room. These systems work best in pairs as when one unit is extracting, the other can be supplying air to provide a balanced ventilation system. They are controlled by a SENWZP Sentinel wired zone controller which can operate up to 8 units in synchronisation. This provides a small commercial area with a balanced ventilation system with heat recovery.

As well as filtering the air, the Vent-Axia Lo-Carbon Heat Save Office uses a thermal accumulator to extract warmth from the outgoing air and uses it to temper the incoming air to avoid the feeling of cold drafts and recover heat that would otherwise be lost to the outside.

## Models

### Vent-Axia Lo-Carbon Heat Save Office

Decentralised ventilation system with up to 88% heat recovery. Includes reversible fan with a thermal accumulator, external wall grille, wall sleeve, dust filter. Requires 1x SENWZP (496037) wired zone controller per installation of 8 units.

Stock Ref  
**413468**

## Accessories

### Model

Sentinel Wired Zone Control Panel (SENWZP)  
Spare Heat Save Office Fan and Cell  
Spare Inner Cover  
Spare Wall Sleeve  
Spare Protective Hood

### Stock Ref

**496037**  
**413464**  
**413465**  
**413466**  
**413467**

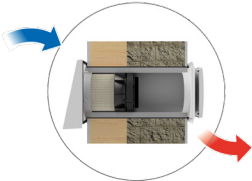
## Performance

Wall opening:	270 mm
Minimum wall thickness:	260 mm
Maximum wall thickness:	745 mm
Supply Air flow:	5.5 - 25 l/s
Extract Air flow:	5.5 - 25 l/s
Power consumption:	1 - 5W
Sound emission:	14 - 41 dB(A)
Heat Recovery:	88%
Temperature range:	-20 - 50 °C

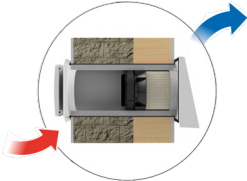
Typical Installation

The Vent-Axia Lo-Carbon Heat Save Office can be fitted in a 270mm diameter hole. The maximum wall thickness is 745mm, but the wall sleeve can be cut down to 260mm to accommodate thinner walls.

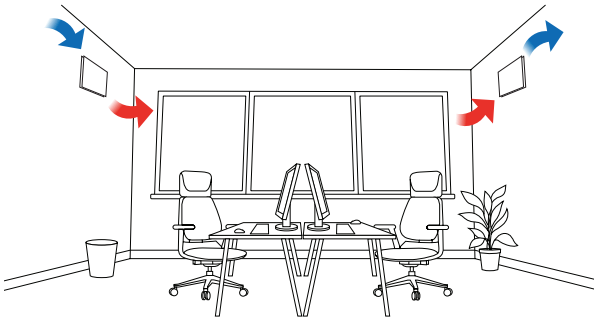
Vent-Axia Lo-Carbon Heat Save Office units work best in pairs. When one unit is extracting, the other can be supplying air to provide a balanced ventilation system. They alternate direction every 70 seconds when the thermal accumulator on the extract unit has warmed up allowing the supply air to benefit from these thermal gains. They are controlled by a SENWZP Sentinel wired zone controller. This is fully modular and controllable with customised ventilation profiles available so that the room can have the perfect ventilation.



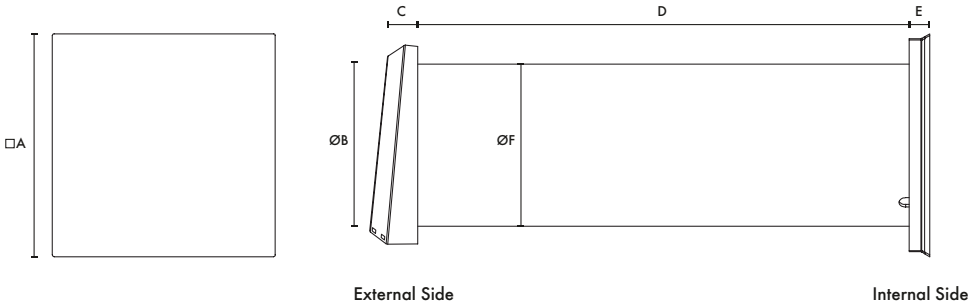
Supply Mode



Extract Mode



Dimensions (mm)



A	B	C	D	E	F
221	313	88	745	63	250