

Vent-Axia Lo-Carbon Calido



Home Owners Ventilation System Guide

Condensation and mould

In Britain, condensation in properties is a problem particularly where warm stale air is generated in areas like kitchens and bathrooms or by drying clothes over radiators. The moisture in the air migrates to colder parts of the house resulting in water running down the windows leading to black mould on walls, ceilings and in cupboards.



The 'average' family produces approximately 27 pints of moisture per day.

How can we reduce humidity levels:

- Adequate Heating - Air is like a sponge, the warmer it is the more moisture it will hold
- Adequate Insulation - Prevents cold surfaces for moisture to condense
- Adequate Ventilation - Removes the excess moisture held in the warm air and provides fresh air resulting in better indoor air quality



Walls, ceiling, floors & soft furnishings quickly show signs of black mould growth.

Ventilation with heat recovery

As well as providing adequate ventilation which improves indoor air quality, the added benefit of including heat recovery in ventilation means the property is supplied with fresh air into a building, whilst retaining most of the energy that has already been used in heating the building.



Low running cost

Vent-Axia Lo-Carbon Calido



What is it and why is it there?

The Vent-Axia Lo-Carbon Calido is designed to remove stale air from any habitable room and replace it with fresh air to multiple rooms. It offers up to 80% heat recovery which helps reduce the amount of heat lost from your property - this can help save money by reducing energy costs as well as reducing carbon emissions.

What does it do?

It is designed to ventilate your home by removing excess moisture which leads to condensation. At the same time it will recover heat and put it into the fresh incoming air.

How will it help?

It will prevent the build up of moisture in the house, remove steam and odours during bathing or cooking and prevent black mould forming on the walls. It will also help stop the dampness that can build up behind cupboards and wardrobes, on clothes and furnishings, caused by inadequate ventilation.

How do I control it?

The Vent-Axia Lo-Carbon Calido is an intelligent ventilation unit, with a moisture control function that automatically increases the airflow when it detects moisture. When the moisture has gone, the flow returns to its preselected setting.

DO NOT switch off the product

The fan is set to run continuously 24 hours a day, 7 days a week.

Does the unit require any maintenance?

Minimal maintenance is needed, however we recommend the filters are changed around every six months. Please do not attempt to do this yourself, contact your housing provider for more information.

What are the running costs?

Its energy efficient low carbon means a long life and low running costs. This means that, even though it is running continuously, you will not see a large electricity bill because it could cost around 24p a week to run. Recovering up to 80% of the heat can also save you on average 10% on your winter fuel bills.

Speed	Hours a day	Motor consumption watts	kW/h per year	Price per kW/h*	Total cost per year
Low trickle	23	3.5	29.38	0.34	£9.99
High trickle	0	8	0	0.34	£0
Boost	1	18	6.57	0.34	£2.23
					£12.22

* Energy prices vary depending on energy supplier and tariff. Figures we have shown here are based on the October 2022 price cap.