

Lo-Carbon PoziDry Compact Pro



Home Owner Ventilation System Guide

Condensation and Mould

In Britain, condensation in houses is a problem particularly where warm moist air is generated in areas like kitchens and bathrooms or by drying clothes over radiators. The moisture in the air gets left on surfaces in 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.

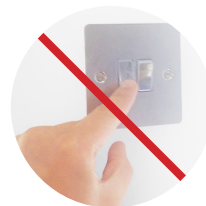
Provide adequate ventilation

Traditional extractor fans remove warm humid air from the home but this air is replaced by the outdoor air through gaps in the fabric of the building. On busy streets or built up areas, this air can be polluted.

Instead, Positive Input Ventilation systems such as a Lo-Carbon PoziDry Compact Pro brings in fresh air from the outside, passing it over a filter to remove pollutants from the air and provide drier clean air into the home.



Costs as little as 9p per week to run!



DO NOT switch off

Lo-Carbon PoziDry Compact Pro



What is it and why is it there?

The Lo-Carbon PoziDry Compact Pro is a positive pressure ventilation system that provides fresh, filtered air into the home. This compact unit is small enough to fit into a cupboard or above work units.

What does it do?

Air is drawn into the unit via an external inlet and through a short length of duct. The specially developed ventilation unit using Lo-Carbon DC motor technology, draws the air through an integral, high capacity, washable filter. This fresh, filtered air passes along the ducting and is directed in to the living areas via a discreet grille.

How will it help?

The Lo-Carbon PoziDry Compact Pro provides fresh, tempered air into the home and creates an environment where the damaging effects of condensation find it hard to exist, benefiting both the occupants and the structure of the building.

Does the unit require any maintenance?

Under normal conditions; i.e. away from main roads and industrial areas; it is recommended that the filter is checked annually and cleaned or replaced as necessary. The filter may be gently cleaned with a vacuum cleaner or washed in a soapy water solution and allowed to air dry before re-fitting. Do not dry in a tumble dryer. Spare filters are available from Vent-Axia.

DO NOT switch off the product

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

What are the running costs?

Its energy efficient Lo-Carbon motor means a long life and low running costs. This means that, even though it is running continuously, you won't see a large electricity bill because it can cost as little as 9p a week to run.

Speed setting	Motor consumption Watts	kW/h per year	Price per kW/h	Total yearly cost
Low Trickle	4.0	35.04	0.14	£4.91