

# Lo-Carbon PoziDry

## Positive Pressure Unit



### Features & Benefits

- Selectable air capacities to suit house volumes of up to 400m<sup>3</sup>, or floor area up to 150m<sup>2</sup>.
- Uses latest Lo-Carbon technology motor for low running costs.
- Ultra Low sound level.
- Lo-Carbon PoziDry comes complete with ceiling diffuser, flexible duct, worm drive clips and anti-vibration mounts.
- Standard 5 year guarantee.
- Up to 5 year maintenance free EU4 filter
- IPX2
- SFP of 0.22W/l/s

### Positive Pressure Ventilation

For controlling condensation particularly in the refurbishment sector, the Vent-Axia Lo-Carbon PoziDry offers a quick and simple solution. A loft mounted positive input fan draws fresh air from atmosphere, filters it and pushes into the dwelling via a ceiling mounted diffuser. All stale air in the property is forced out through the natural forms of ventilation, such as window mounted trickle vents.

#### Without heater

Stock Ref  
**444075**

#### With integral heater

Stock Ref  
**444766**

### Installation

It is simply installed, out of sight in the loft space it can be suspended from a roof beam or be floor mounted, with a purpose-designed diffuser normally located over the stairwell of a conventional two story dwelling or in the main hall of a bungalow. The Lo-Carbon

PoziDry is set to the appropriate speed at installation based on the size of the dwelling, providing positive pressure input ventilation. Background ventilation openings provide the exhaust points.

### Performance

The robust construction of the Lo-Carbon PoziDry features a specially developed Lo-Carbon DC fan/motor arrangement quietly delivers incredibly low running costs.

The sensor monitors the temperature in the loft, automatically adjusting the air volume when necessary and the built in fault detection software ensures continual safe functioning

Can be used for air replacement in conjunction with an extract fan.

### Filter

The unit includes a filter with up to 5 years maintenance free to reduce the number of call outs needed throughout its life span.

### Time Elapsed Meter

The unit includes a time elapsed meter to enable precise running information

### Speed Control

With selection of 2 of 6 speeds available up to 50l/s, the unit is suitable for houses up to 400m<sup>3</sup>.

### Heater

An optional comfort heater is available for operation when the incoming air temperature becomes low.

### Typical Specification

Supply and install a Lo-Carbon PoziDry positive pressure loft unit for wholehouse condensation control as manufactured by Vent-Axia Ltd, Fleming Way, Crawley, West Sussex, RH10 9YX. Telephone: 0844 8560590. The unit

should be mounted in the loft space with a diffuser in self-extinguishing ABS positioned at the top of the stairwell. The unit should meet the EMC and low voltage directives.

The unit should include a filter with up to 5 year maintenance intervals and an integral time elapse meter.

### Motor

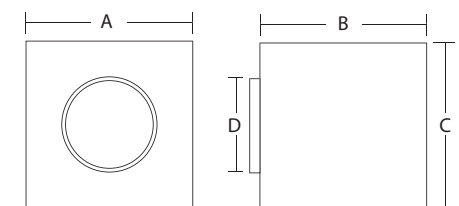
The electronically controlled DC motor is manufactured with long life ball bearings and is fitted with Standard Thermal Overload Protection (S.T.O.P.). Suitable for ambient operating temperatures of -25°C to +40°C.

For complete peace of mind the Vent-Axia Lo-Carbon PoziDry is backed by a 5 year guarantee.

### Dimensions

Weight: 11.5kg

A	B (depth)	C
438	411	379



Speed	1	2	3	4	5	6
FID (l/s)	10	18	26	34	42	50
Power (W)*	2.5	3	4	5	7	13
Floor Area up to (m <sup>2</sup> )	72m <sup>2</sup>	130m <sup>2</sup>	180m <sup>2</sup>	245m <sup>2</sup>	302m <sup>2</sup>	400m <sup>2</sup>
dB(A) @ 3m	19					23

\*add 500w for heater version