

# Lo-Carbon PoziDry Compact

## Positive Pressure Unit



### Features & Benefits

- Ultra low sound level.
- Selectable air capacities to suit volumes of up to 34 l/s or Floor area up to 100m<sup>2</sup>.
- Extremely low running costs - from less than one penny per day.
- Washable, high capacity filter.
- Round to rectangular duct adaptor included.
- 5 Year Guarantee.

### Positive Pressure Ventilation

For those properties that do not have a loft, Lo-Carbon PoziDry Compact provides an easy to install solution. The duct mounted unit that can be fitted in a number of locations around a single floor flat or apartment.

Air is drawn into the Lo-Carbon PoziDry Compact unit via an external inlet and through a short length of duct. The specially developed fan/motor assembly (using the Lo-Carbon DC motor technology) draws the air through an integral, high capacity, washable filter. The backward curved impeller guarantees increased efficiency, lower sound levels and better performance.

The fresh, filtered airflow passes along the ducting and terminates on an internal wall with a discreet grille. This directs the airflow upwards where the incoming air mixes with the warm air that gathers at ceiling height.

The system automatically provides fresh, tempered airflow into the home. There is minimal power consumption and costs as little as one penny a day to run. Creating an environment where the damaging effects of condensation find it hard to exist, benefits both the occupants and the structure of the home.

Can be used for air replacement in conjunction with an extract fan. EU4 filter as standard.

Without heater  
Stock Ref  
**444076**

With integral heater  
Stock Ref  
**444767**

### Typical Specification

Supply and install a Lo-Carbon PoziDry Compact positive pressure flat unit for condensation control as manufactured by Vent-Axia Ltd, Fleming Way, Crawley, West Sussex, RH10 9YX Telephone: 0844 856 0590. The unit should be mounted on the wall with an inlet from atmosphere and on the supply side flat duct to the central area of the property. The unit should meet the EMC and low voltage directives.

The unit should have 2 speed settings: low, medium and high, and incorporate an extra low speed setting, which automatically cuts in when the temperature drops below 5°C. A tamper proof cover to prevent casual interference in the running of the unit. The unit should have an optional 'dry out' feature which will continuously run the unit for a 14 day period and then revert to the selected setting.

The motor should be of the Lo-Carbon DC type with long life ball bearings suitable for ambient operating temperatures of -25°C to +40°C and should be fitted with Standard Thermal Overload Protection (.S.T.O.P.).

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

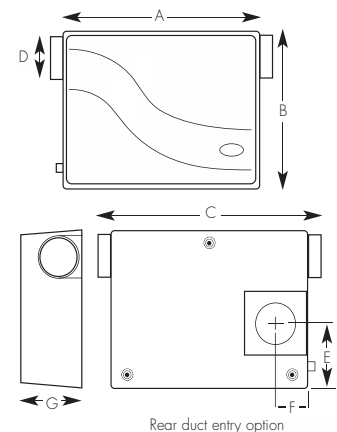
### Air Replacement Grille Set

For air replacement through doors. Consists of a two-piece telescopic set, which fits unobtrusively on either side of the door panel. Minimum fixing thickness 30mm. Plastic. Dimensions: 454 x 90mm.

### Dimensions (mm)

A	B	C	D	E	F	G
435	365	490	100	160	58	160

Weight: 7kg



### Performance

Speed	1	2	3	4
FID (l/s)	10	18	26	34

### Duct Adaptor (included) Dimensions (mm)

