

Lo-Carbon PoziDry Compact

Features & Benefits

- BBA Approved
- Ultra low sound level
- Selectable air capacities to suit volumes of up to 34 l/s or floor area up to 100m²
- Extremely low running costs - from less than one pence per day
- Washable, high capacity G4 filter
- Datalogger feature as standard
- Round to rectangular duct adaptor included
- 5 Year Guarantee
- Ideal for flats



Positive Pressure Ventilation

For those properties that do not have a loft, the BBA approved Lo-Carbon PoziDry Compact provides an easy to install solution. The unit is duct mounted and can be fitted in a number of locations within 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 provides fresh, tempered air into the home and creates an indoor environment where the damaging effects of condensation find it hard to exist, benefiting both the occupants and the structure of the building.

The Lo-Carbon PoziDry Compact can be used for air replacement in conjunction with an extractor fan. A G4 filter is included as standard.

Performance

The Lo-Carbon PoziDry Compact uses a sensor to monitor the ambient temperature, automatically adjusting the air volume when necessary and providing partial heat recovery.

'Trickle' speed is automatically selected when the ambient temperature is up to 18°C.

'Normal' is automatically selected when the ambient temperature is between 18 and 27°C.

If the ambient temperature exceeds 27°C, the Lo-Carbon PoziDry Compact will automatically switch to standby (no airflow). The standby power consumption is 2W.

In the case of the integral 300W heater version, the heater element is automatically activated when necessary and tempers the supply air to 10°C.

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. See Ducting section.

Day logger

As standard. Measures the number of days the product has been switched on to provide precise running information.

Model

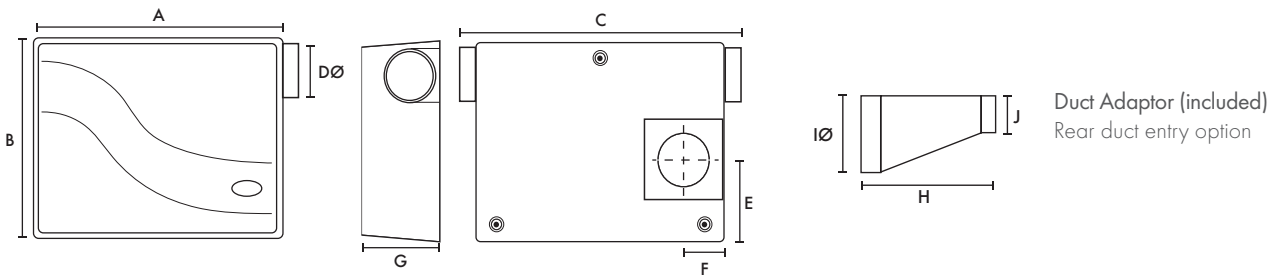
Without heater
Stock Ref
444076

With integral heater
Stock Ref
444767

Installation Packs

Stock Ref	453546	453547	453548
Quick Fit Grille (White)	1	1	1
Wall fitting kit (Brown)	1	1	1
Round to Rectangle Adaptor	1	3	3
Vertical 90° bend	2	2	2
Elbow/Spigot	1	1	1
1m Flat Channel	1	2	2
1.5m Flat Channel	1	2	2
Connector	1	4	4
Horizontal 90° Bend	-	-	2
Channel Clip	4	6	2

Dimensions (mm)



Duct Adaptor (included)
Rear duct entry option

A	B	C	DØ	E	F	G	H	IØ	J	Unit Weight
435	365	490	100	160	58	160	180	105	55 x 110	7kg

Performance Guide

Speed	FID (l/s)	Power (W)*	Floor Area (m ²)	SEC Class
1	10	5.7	30	E
2	18	12.2	54	
3	26	24.6	78	
4	34	49.8	100	

*add 300W for heater version

Sound Data

Setting	Test mode	Octave band, Hz, dB SWL								SPL dB(A) @ 3m
		63	125	250	500	1k	2k	4k	8k	
Speed 1	Supply	37.6	32.7	33.4	35.0	29.8	27.5	18.2	22.6	18.0
	Extract	37.0	32.3	32.5	32.4	21.9	25.3	16.8	22.6	15.5
	Breakout	35.3	46.9	38.8	33.1	22.9	22.2	17.8	23.3	15.0
Speed 4	Supply	65.2	57.2	60.8	67.6	62.2	59.7	50.8	41.2	50.0
	Extract	60.8	51.7	58.5	62.1	56.1	56.4	45.2	37.9	45.5
	Breakout	57.2	55.2	55.5	63.3	55.1	52.2	44.1	32.9	41.5



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