

The image features a Vent-Axia Pozidry Pro ventilation unit, a white cylindrical device with a circular air outlet. It is supported by two blue, curved, perforated brackets that are mounted to a grey, textured surface. The unit is shown from a top-down perspective, highlighting its sleek design and the blue support structure.

Vent-Axia®

The UK's Leading Ventilation Company

Lo-Carbon Pozidry Pro™

Edition 3

Reduce and eradicate
condensation and mould

www.vent-axia.com/pozidrypro

The Truth About Indoor Air Quality

Research has shown indoor air quality has become a problem as a result of properties becoming better insulated. 25% of UK homes are poorly ventilated causing condensation and mould issues. Over time these factors can lead to serious respiratory and cardiovascular health issues.

81%
RESPIRATORY
CONDITIONS

81% of people are at risk of suffering from a respiratory or dermatological condition because of poor air quality inside their home.

54% MOULD OR
CONDENSATION

54% of people have experienced mould or condensation in their home.

65%
TOXIC HOME
SYNDROME

15.3 million (65%) homes in the UK are at risk of 'Toxic Home Syndrome'.

900X
AIR
CHEMICALS

Indoor air may contain over 900 chemicals, particles and biological materials with potential harmful health effects.

CATEGORY
1 HAZARD

Housing Health and Safety Rating System (HHSRS) states that the presence of mould can contribute to a category 1 hazard, the same as asbestos.

25%
POORLY
VENTILATED

25% of UK homes are poorly ventilated causing serious condensation and mould issues.

Read on to see how we can help improve indoor air quality for residents.

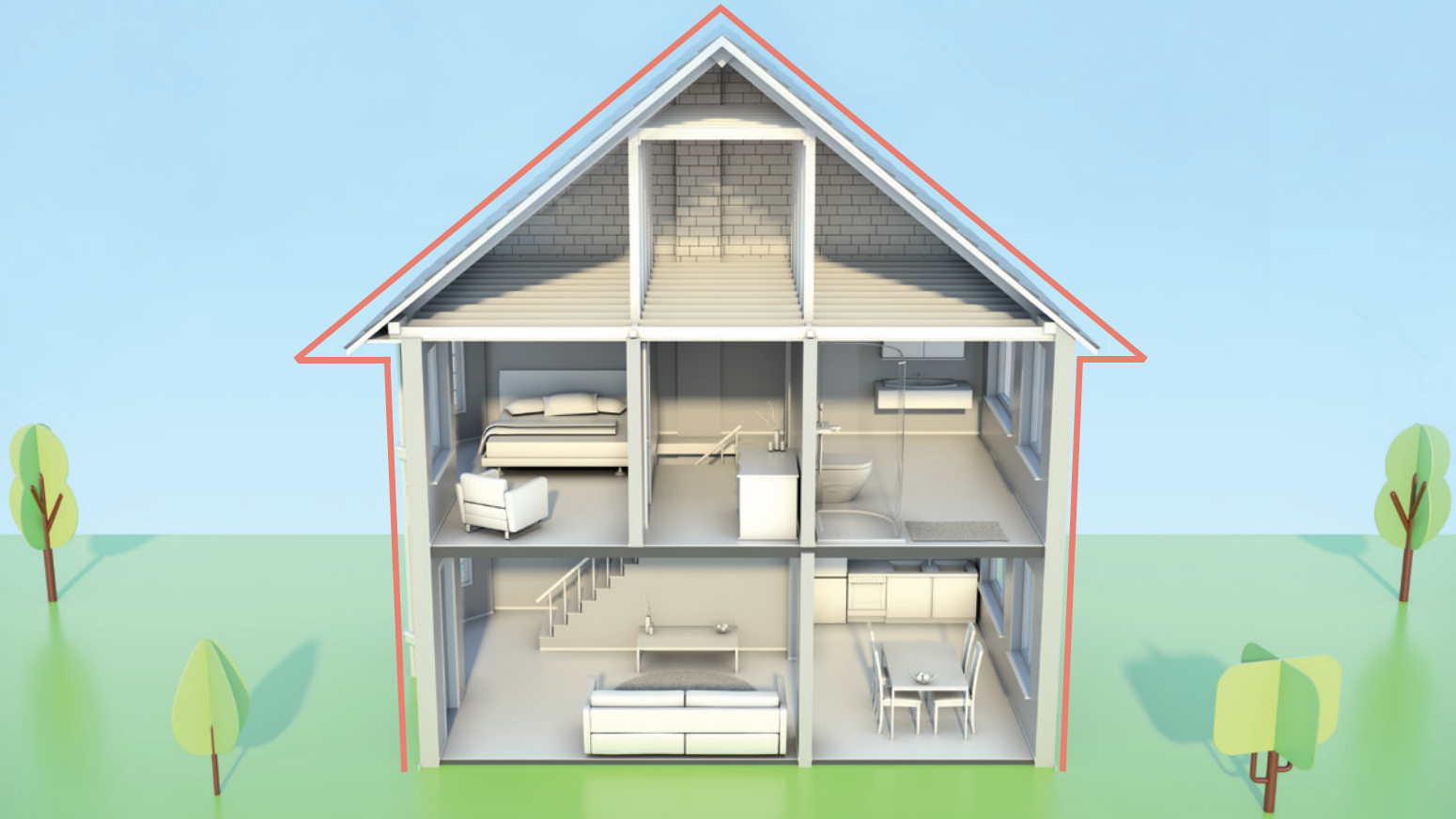
Source: www.myhealthmyhome.com



HEALTHY
HOMES

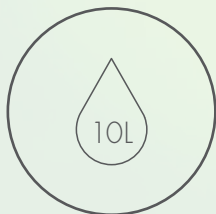


How can Positive Input Ventilation help?



Unhealthy Home

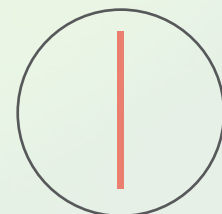
Simple day to day activities contribute to moisture generation and VOC build up in the home.



Cooking, cleaning and bathing generate up to 10 litres of moisture per day, with every load of washing drying inside adding an additional 2.5 litres.



Volatile Organic Compounds, such as formaldehyde get into the home from things like paint, new furniture and cleaning products posing a serious risk to respiratory health.



Increased insulation creates a seal that keeps moisture and chemicals in, creating a perfect environment for poor indoor air quality (IAQ).



Healthy Home

The PoziDry Pro™ dilutes, displaces and replaces dirty moisture laden and stale air with fresh filtered air with a lower moisture content improving the Indoor Air Quality in the home.



Mould and condensation is controlled as moist air is pushed out of the house and replaced by drier air.



Clever software guarantees that the PoziDry Pro™ will provide the correct amount of air into the home at all times.



Optional F7 Filters ensure that the air coming in is cleaned, removing things like pollen and diesel particulates.



PoziDry Pro™

The Simple Solution For Improving Indoor Air Quality

Landlord

The perfect solution for hard to cure mould and condensation properties. Improving indoor air quality and preventing moisture build-up within the home.

Backed up with our 5 year maintenance free guarantee.

Contractor

Tried and tested Smart Sense™ technology makes installation fast. Ready to install out of the box, with an easy carry handle to lift it through the loft hatch. A hanging kit and adjustable legs and feet are included for full installation options.

Resident

PoziDry Pro™ improves indoor air quality and quickly eradicates conditions that lead to mould growth, reducing the risk of health issues in the home. The unit is unobtrusive, near silent running and has low operating costs.

Vent-Axia®



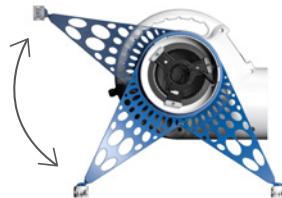
Ease of Install

PoziDry Pro™ is ready to be fitted simply and quickly



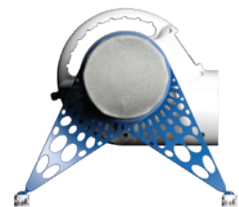
Anti-vibration Features

To make PoziDry Pro™ whisper quiet throughout its operational life, a UK made ball bearing motor with dual anti-vibration mounts is fitted. The purpose designed acoustic legs dissipate any vibration, guaranteeing silent operation.



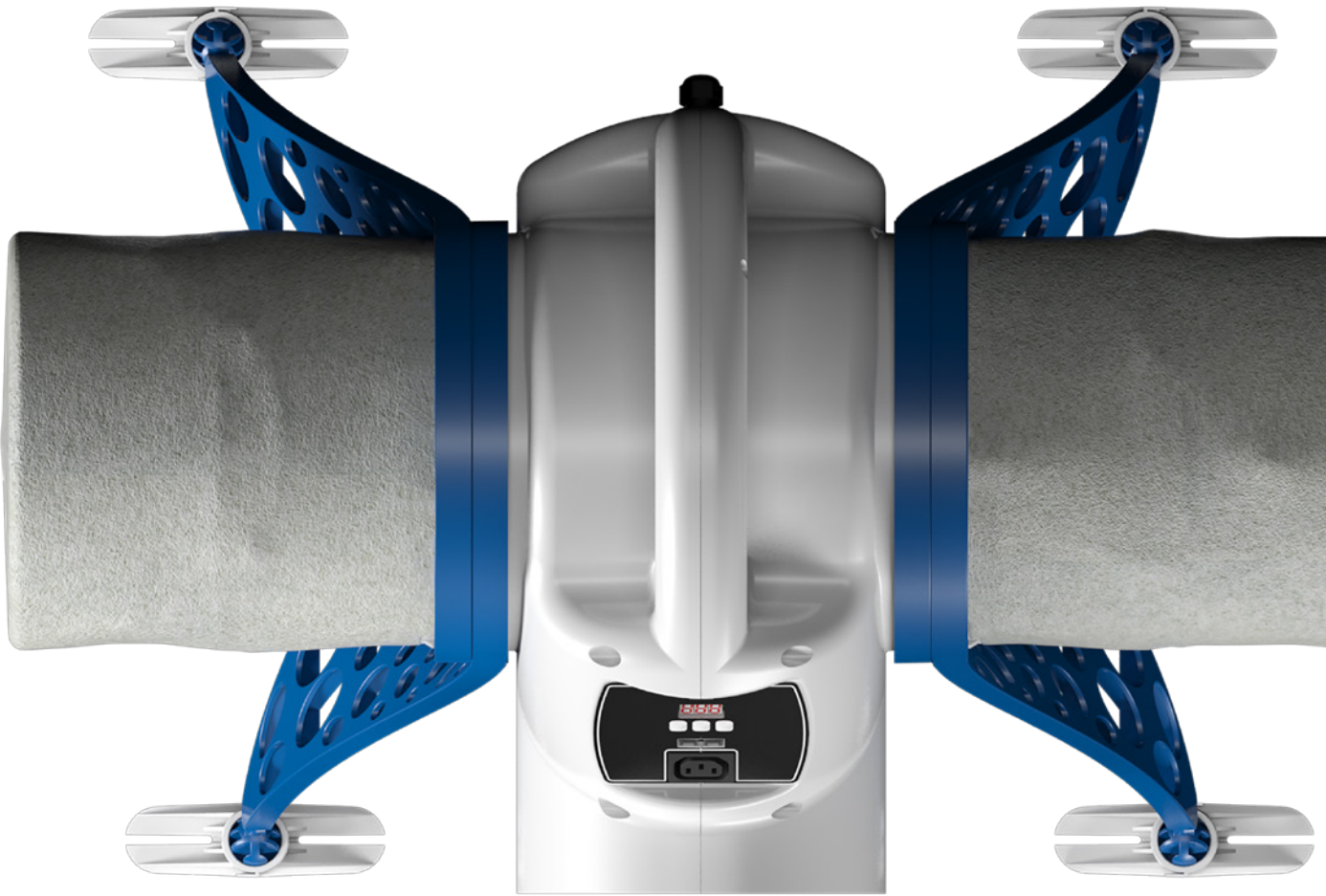
Multi-position Mounting Legs

To make sure PoziDry Pro™ can be fitted first visit every time, its acoustic legs can be adjusted between 400 and 600mm for different joist centers. The feet rotate 360° to offer even more flexibility when fitting. The unit is also supplied with a traditional hanging kit.



Easy Handling

The easy grip handle moulded into the main body makes transporting the PoziDry Pro™ simple. The handle makes carrying the unit through a loft hatch easy. Legs are then attached to easy clip fittings once in the loft. The pre-attached filters can then pop out into place.



Unit Size

With its body measuring only 447 x 364mm PoziDry Pro™ will easily fit through standard loft hatches. The compact size makes it easy to store and transport and means it is versatile to fit.



Better Indoor Air Quality

The product's unique filter choices makes improving indoor air quality easy. Choose from G4 or F7 filter options providing filtration down to PM2.5 which includes diesel particulates. Push fit connections make filter attachment easy during servicing.

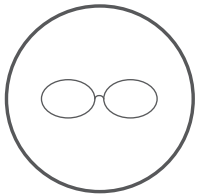


Energy Efficient Heater

The flexible heater option allows the heater to be located at either unit or diffuser level. Locating the heater at diffuser level can save up to 4°C of heat loss.

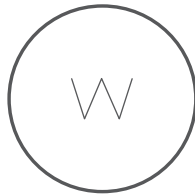
Intelligent Operation

with Smart Sense™ technology



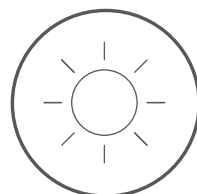
Easy to Read Display

The tried and tested Smart Sense™ control platform with 3 simple buttons and easy to read alphanumeric display makes installation and data gathering simple.



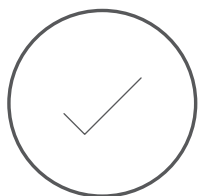
Proven Running Costs

Low energy consumption is at the heart of PoziDry Pro™. Our most energy efficient PIV to date can record the energy used over its entire working life so residents can be assured of low running costs.



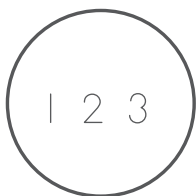
Datalogger

Smart Sense™ allows the unit to record how long it has been running in each of its speeds. It also measures the number of days the product has been switched on to provide precise running information. It can also record the duration of heater activity and energy used. Smart Sense™ records the life time of a filter and indicates when a filter needs to be changed.



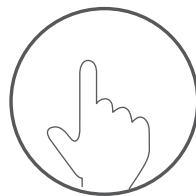
Guaranteed Performance

The Smart Sense™ commissioning feature allows PoziDry Pro™ to be set up and left for 5 years maintenance free. A number of sensors and alerts mean you can be confident the unit is running effectively.



Multiple Configuration Options

Using flexible Smart Sense™ technology, PoziDry Pro™ can be commissioned to meet the needs of the property and with resident acceptability in mind. For more comfort, the smart temperature-airflow controls can be adjusted easily to keep the home cooler in the summer and warmer in the winter.

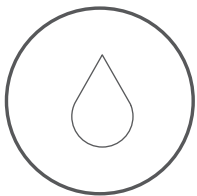


Installer Friendly Interaction

The intuitive Smart Sense™ controls are accessed via 3 simple buttons and provide a full range of commissioning options. Additional sensors automatically detect if the optional heater has been fitted, simplifying commissioning and servicing.

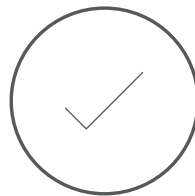
Peace of Mind

PoziDry Pro™ can help ensure resident satisfaction and reduce the need to re-visit the property



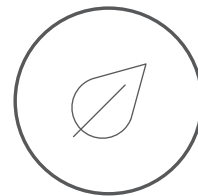
Mould and Condensation Control

An effective whole house system for mould and condensation control from a single access point. PoziDry Pro™ can quickly and effectively remove the conditions for condensation and mould growth.



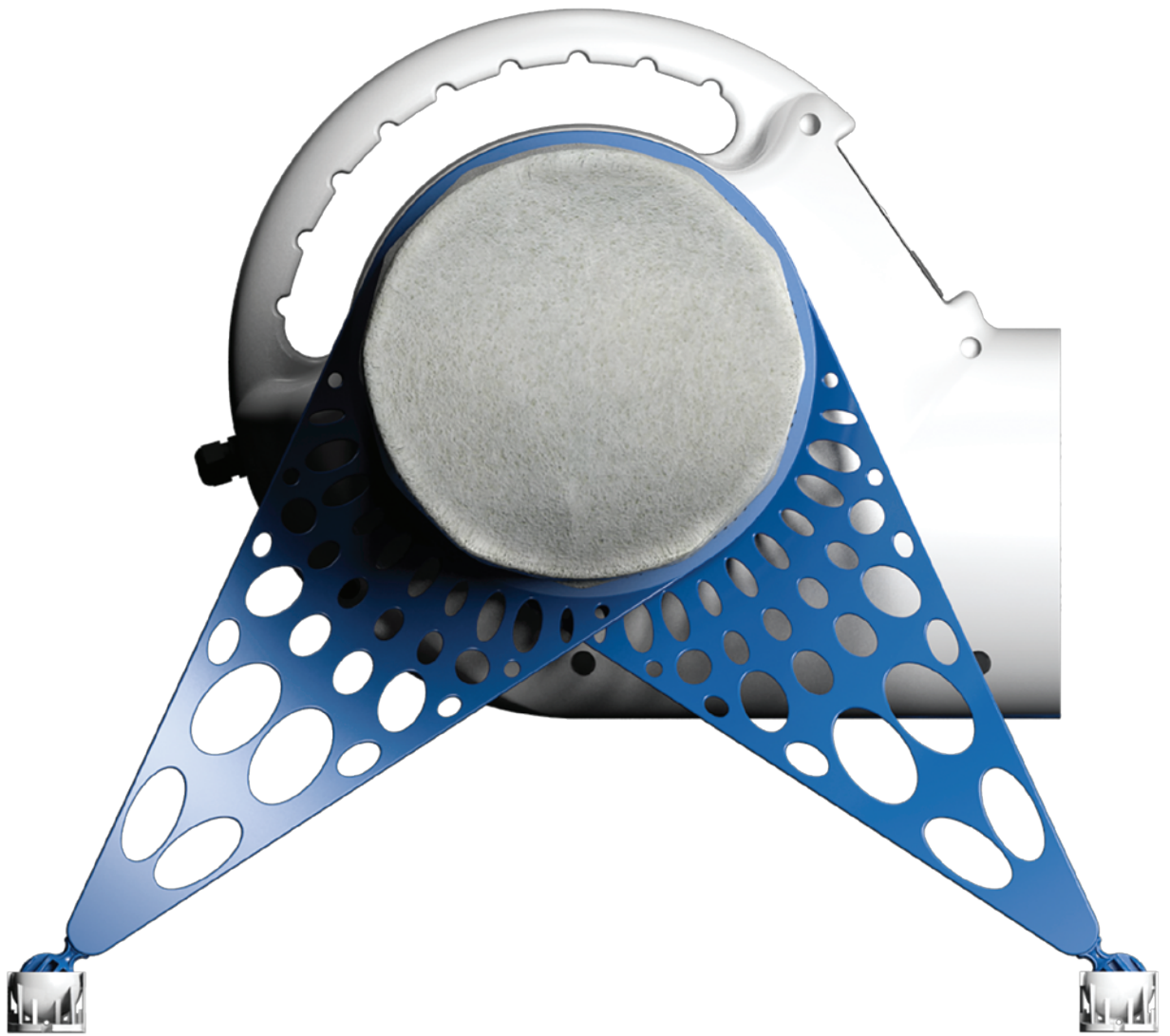
Easy to Install

PoziDry Pro™ can save valuable time both on installation and property maintenance. Smart Sense™ technology minimises the risks of incorrect installations.



Energy Saving

PoziDry Pro™ is optimised to provide the best possible performance while using as little energy as possible. This lessens the impact on energy bills and reduces the carbon footprint of the home.



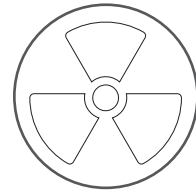
5 Years Maintenance Free

With BBA Approval pending and Smart Sense™ filter technology the PoziDry Pro™ can be completely maintenance free for 5 years saving time and costs.



Tamper Proof

In order to ensure consistent performance at all times, the unit's Smart Sense™ interface is lockable at installation providing peace of mind that the unit will operate as commissioned.



Radon Mode

For areas where Radon Gas is present, PoziDry Pro™ can be commissioned to run in optional Radon mode. This ensures that the unit runs continuously to protect the residents from harmful radon gases.

Resident Comfort

PoziDry Pro™ discreet diffuser with
Smart Air™ technology



Discreet & Secure

The low profile and aesthetically pleasing design of this discreet diffuser has been developed with resident acceptability in mind. Secure by design, its anti-tamper features prevent interference with the product's performance.



Easy Fit

The 4-point easy fit feature enables easy and repeatable installation on a wide range of surfaces. The tolerance on the diffuser lip allows for breakup of surface material without the need for making good when forming the hole. A handy channel makes it easy for installers to accurately place a seal or sealant to compensate for uneven ceilings, so each installation will be quick and trouble free.



Smart Air™

Our Smart Air™ technology allows for maximum airflow with minimum noise. This unique feature increases airflow performance by 10% compared to traditional diffuser designs, but noise levels remain low. Easily adjusted, secure blanking plates can direct the airflow to suit the individual needs of residents.

Technical Specification

Models



PoziDry Pro™ with G4 filter, 2m of flexi duct and a Ø200mm Smart Airflow™ discreet diffuser*

Positive input ventilation for whole house mould and condensation control. Smart Sense™ control allows quick and accurate set up. Variable speed control allows the unit to be effective in a property up to 150m². Automatic summer shut off stops warm air coming back into the property. Wireless control ready.

Stock Ref
476310



PoziDry Pro™ with Heater, G4 filter, 2m of flexi duct and a Ø200mm Smart Airflow™ discreet diffuser*

Positive input ventilation with heater for whole house mould and condensation control. Smart Sense™ control allows quick and accurate set up. Variable speed control allows the unit to be effective in a property up to 150m². Automatic summer shut off stops warm air coming back into the property. Flexible heater mounting options. Wireless control ready.

Stock Ref
476311



PoziDry Pro™ FD with Heater, G4 filter, 2m of flexi duct & Ø200mm Fire rated diffuser (Multi-storey Compliant)* and **

Positive input ventilation with heater and fire damper for whole house mould and condensation control. Smart Sense™ control allows quick and accurate set up. Variable speed control allows the unit to be effective in a property up to 150m². Automatic summer shut off stops warm air coming back into the property. Flexible heater mounting options. Fire Damper model supplied with relay to fire alarm cut off and intumescent fire protective ducting. Wireless control ready.

Stock Ref
476312

Accessories

Twin Spigot Kit

Kit allows for a second diffuser to be fitted offering multi-room ventilation.

Stock Ref

449071

Includes:

1 x 436592 (Ø200mm 6m Duct)

2 x 561707 (Worm Clips)

1 x 452085 (Ø200mm equal Y Piece)

1 x 478228 (Diffuser)

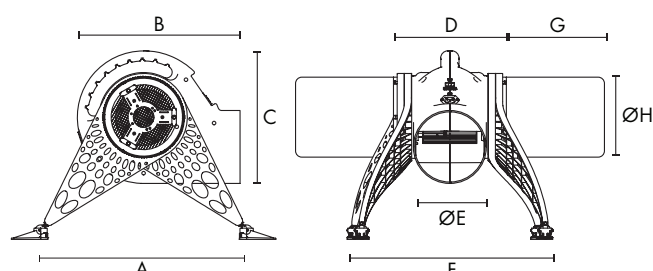
F7 Filter Set

F7 filters offer additional filtration removing harmful particulates down to PM2.5

Stock Ref

476401

Dimensions (mm)



A*	B	C	D	ØE	F**	G	ØH
300-650	447	364	310	200	400-600	300	220

*Variable to allow for adapting product height. **Variable to adapt to differing joist widths. Height will vary as A dimension changes

Performance Guide

Bedroom	Extract Performance (l/s) - FID		Power (W)	
	Trickle	Normal	Trickle	Normal
1	13	25	2.2	3.6
2	17	31	2.6	4.8
3	21	38	3.2	5.5
4	25	44	3.6	7.5
5	29	50	4.3	11.5
Adjustable	10-60	10-60	Up to	14.5



Complete PIV Solutions

With the widest range of ventilation options from any company in the UK, we can always offer a solution to any requirement. Our Lo-Carbon PoziDry Compact unit is ideal for apartments or where a loft is not accessible.



By Appointment to H.M. The Queen
Suppliers of Unit Ventilation Equipment
Vent-Axia, Crawley, West Sussex

Vent-Axia®

VENT-AXIA CONTACT NUMBERS

Free technical, installation and sales advice is available

Sales Centre:

Domestic & Commercial

Sales Tel: 0844 856 0590
Sales Fax: 01293 565169
Tech Support Tel: 0344 856 0594
Tech Support Fax: 01293 532814

Heating Support

Sales Tel: 0844 856 0590
Tech Support Tel: 0344 856 0594

Industrial

Sales Tel: 0844 856 0591
Sales Fax: 01293 534898
Tech Support Tel: 0344 856 0595
Tech Support Fax: 01293 532814

Web: www.vent-axia.com
Email: sales@vent-axia.com

Supply & Service

All sales made by Vent-Axia Limited are made only upon the terms of the Company's Conditions of Sale, a copy of which may be obtained on request. As part of the policy of continuous product improvement Vent-Axia reserves the right to alter specifications without notice.



Made in Britain

We design, develop and manufacture our fans in the UK. We have reduced transport related carbon emissions by up to 15 tonnes per year and invested in UK skilled jobs, increasing our local workforce and providing a boost to the local job market.

Vent-Axia Made in Britain



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