

ATMOS®

FOR FLATS & APARTMENTS
INSTALLATION GUIDE FOR ENGINEER / INSTALLER



Lifetime Range®

Safety

IMPORTANT

Be sure to have read and understood these instructions before beginning the installation process.

PRE-INSTALLATION CHECK LIST

The ATMOS® For Flats & Apartments should be positioned inside the property on an external wall to deliver air to the centre of the dwelling through ducting bends and grilles.

1. Choose the position of the unit and establish that the route of ductwork is free from obstruction i.e. cables/pipes etc.
2. Do not position the unit within the bathroom.
3. Check that the air intake is not within 3m above a boiler flue outlet or within 1m if to the left, right or below.
4. Ensure that the duct run is kept as straight as possible.
5. Ensure that rigid duct is used throughout the installation.
6. Ensure that the air supply is central in the dwelling (i.e. central hallway) and is as high as possible.
7. Ensure that the duct runs are no more than 10m long.
8. Keep the core hole 150mm away from a window reveal.
9. Check the ductwork used does not significantly affect the delivered airflow. We would recommend the use of 100mm round rigid duct.

SAFETY AND RECOMMENDATIONS

- All wiring must comply with Building Regulations and the current I.E.E. Wiring Regulations (BS7671) or the equivalent standards for your country. The final installation should be examined and tested by a qualified electrician.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.



**DO NOT REMOVE OR TAMPER
WITH ELECTRONIC CIRCUIT
BOARD**

This is not a user function



Made in Harrogate UK

Thank you for choosing EnviroVent The fastest growing ventilation company in the UK.

You are about to install a product that is designed to outlast the life-cycle of the building. Once installed the unit will operate continuously for 5 years and beyond without a major service. Please therefore ensure that this product is treated with care and installed properly i.e. for the life of the building. If the unit is mishandled you might break it! This invalidates the warranty.

And remember, if you have any problems please call our dedicated Technical Team. We are always pleased to help and in an emergency will come out to site quickly, completely free of charge.

HOTLINE: 0345 27 27 810

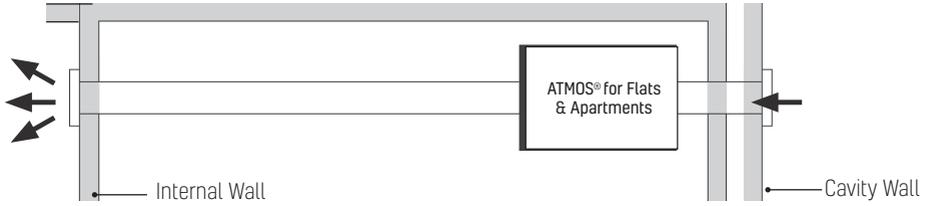
AFTER INSTALLING THIS UNIT,
PLEASE PASS ON TO END USER

DO NOT THROW AWAY

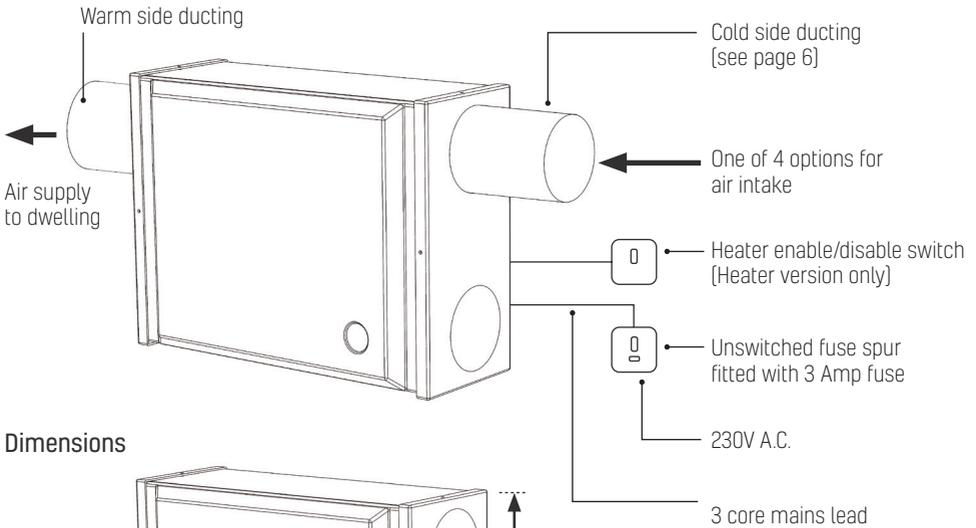
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Installation Instructions

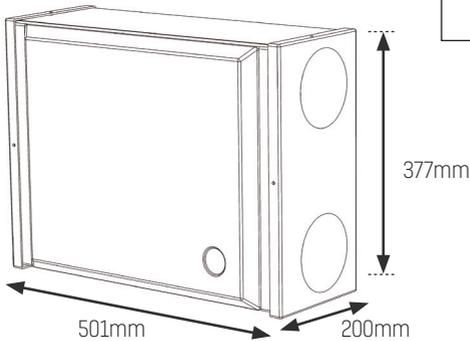
Standard Installation



View of whole unit assembled



Dimensions



Installation Instructions

Fixing Kit

Description	Item
4 X PINE TREES	
6 X SELF TAPPING SCREWS	
8 X PUSH RIVETS	
1 X BLANK PLUG	

FIRST STAGE

1. Choose the desired position of the unit using the pre-installation check list.

2. Decide if the installation required is a left-handed or right-handed unit. This can be determined by using the back panel (Fig.1, option 1 or 2) and the central carcass (Fig.2).

SECOND STAGE

1a. If the air intake is through the side panel, it is necessary to use end panel A (Fig.3) as a template by removing the knock out, ensuring the cable exit is closest to the wall. Mark up the wall. Ensure that you leave enough space around the template for the unit and panels to fit.

OR

1b. If the air intake is through the back panel it is necessary to use the assembled back panel/central carcass as a template and mark up the wall. Ensure that you leave enough space around the template for the unit and panels to fit (Fig.4).

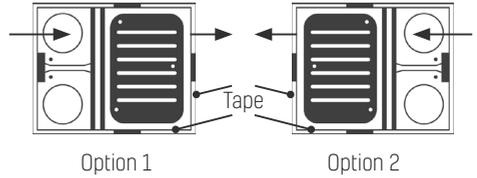


Fig.1 Back panel showing direction of air flow

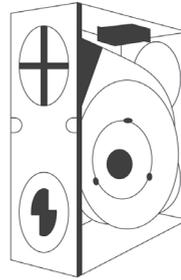


Fig.2 Central Carcass

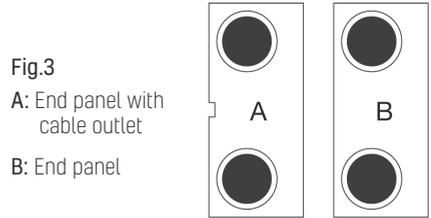
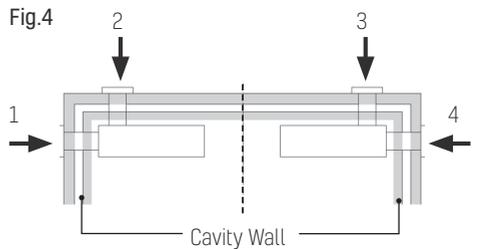


Fig.3
A: End panel with cable outlet
B: End panel



1 & 4 - Air intake through side
2 & 3 - Air intake through rear

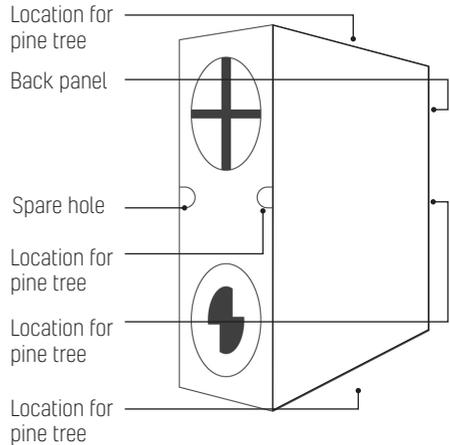
Installation Instructions

THIRD STAGE

1. Drill a hole with a 107mm core in the marked position. If the air intake is through the end panel A, cut a length of ducting* that equals the thickness of the outer wall plus 80mm. If the air intake is through the back panel, cut a length of ducting* that equals the thickness of the outer wall plus 15mm.
2. Insert the duct* into the hole through the outer wall and attach the outer grille*.
3. Remove the backing tape from the back panel (Fig.1) and offer up to central carcass (Fig.2) ensuring that the filter guides match up.
4. Insert the 4 x pine trees from the fixing kit into the central carcass into the back panel as shown in the diagram. For left handed units the pine trees should be inserted on the opposite side than the side shown in the diagram.
5. Insert the blank plug in the spare hole in the front panel of the central carcass.
6. Offer up the back panel and the central carcass to the ducting* [also end panel A if the air intake is through the end]. Ensure that the cables leave the unit through the cable exit on side panel. Fix the unit using the five fastening points on back panel (Fig.1).
7. Fit the inner front cover by lining up the eight holes for the push rivets. Separate the push rivet body and head. Insert the body of push rivet through the front cover and central carcass unit then insert the head and push firmly. Ensure that the filter is in place.
8. Connect the 3 core white cable to the switch spur and back box usually mounted adjacent to the unit.
9. Connect the low voltage 2 core black cable to the heater switch and back box, usually mounted at light switch level.
10. Fit front outer cover, fixing on the front and underside, using screw caps to conceal screws.

11. The Unit must only be installed by a competent person and should be connected to an electrical supply in accordance with the current electrical regulations. A disconnection device should be used in the fixed wiring.

*Duct, ducting and grilles are not included with the ATMOS® For Flats & Apartments..



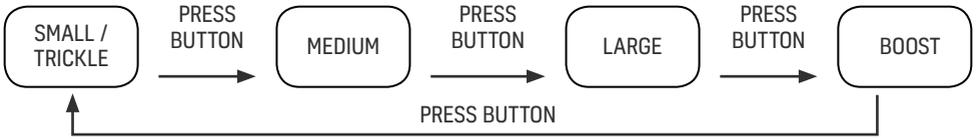
Setting the Unit

Check the unit is working correctly. Set the units controls according to the house size. Adjust the settings on the top of the unit by pressing the house setting button with the point of a pen or similar.

By pressing the button, the correct ventilation rate for the size of the house can be selected i.e. if the unit is on TRICKLE and the button is pressed, the unit will then switch to MEDIUM. Similarly, if the unit is on BOOST and the button is pressed, the unit will then switch to TRICKLE.

Installation Instructions

Setting the Unit

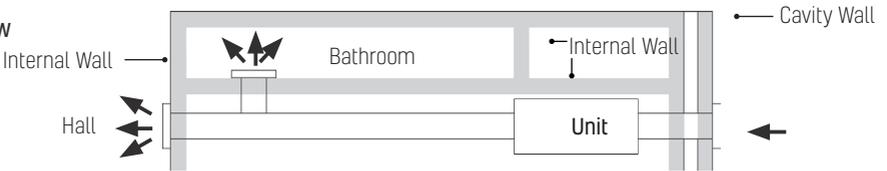


As a rule of thumb, the setting on the unit should match the number of bedrooms i.e. 1 - 4

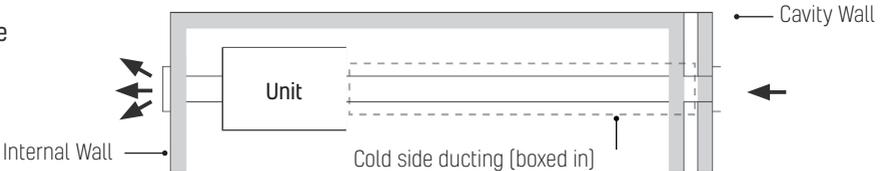
T-Piece

There will be some occasions where it is necessary to fit a T-piece to the unit. This will be due to the dwelling having a remote kitchen/bathroom away from the central hallway which will not directly benefit from the air supply being delivered to the zone.

Plan View



Cold Side Ducting



Due to the layout of some properties, there may be occasions where it is necessary to install the unit in a central position within the dwelling i.e. away from the external wall surface. This will result in a length of "cold side ducting" being installed between the external wall and the unit, running through the dwelling. In the event of "cold side" ducting being required, an insulated sleeve should be used to ensure condensate does not form on its surface. To improve the aesthetic appearance of this ducting, we recommend that it is boxed in on completion of the installation.

After Sales Service

We recommend you do not dismantle or remove any other parts than those mentioned, as any tampering would automatically cancel the guarantee. If you detect any fault, contact EnviroVent on **0345 27 27 810**.

Maintenance

Should be achieved by replacement of filters and consumable items. There should be a filter exchange after 3 years.

ATMOS®

FOR FLATS & APARTMENTS

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Please read carefully to ensure simple installation and a long trouble free life for the user.

AFTER INSTALLING THIS FAN PLEASE PASS ON TO END USER
DO NOT THROW AWAY

E&OE | MKT ENV370-V1-21.03.19

Due to our policy of continuous innovation and improvement EnviroVent reserves the right to alter products specification and appearance without notice.

We want to hear from you

Your feedback is important to us as we strive to improve our products, services, and overall customer experience. Please email us to help us serve you better:
feedback@envirovent.com