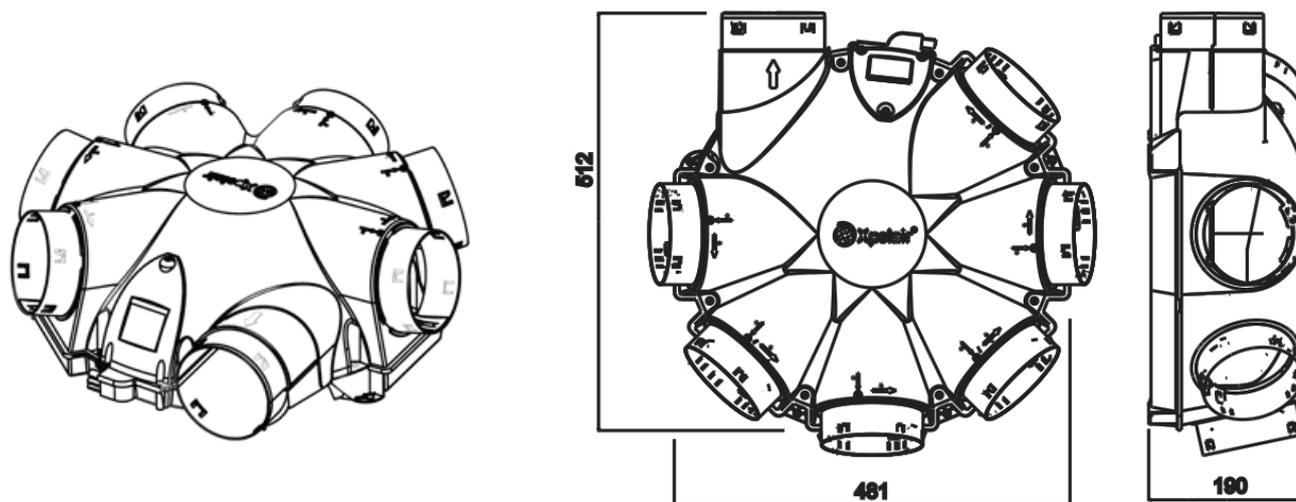




# Xplus 2

(PF)

## Multi Point Ventilation Unit



Information on Maintenance and Operation:

For the Householder:

Your home has been fitted with a mechanical ventilation system. The system should consist of a Xplus 2 central mechanical extract fan, ducting, discharge grille and extract values in the wet rooms, kitchen, bathroom and toilet. The correct working system will provide a healthy indoor atmosphere and will help eliminate condensation and unwanted odours.

The Xplus 2 system is (or can be) fitted with a 3 position switch. The high speed setting is a boost position for the extract of cooking smells or moisture-laden air when this is in use it is advisable to open window vents or a window to provide replacement air. The middle position would be the normal running position in a house with the low speed position as a background position if the house is not fully occupied. In a smaller dwelling or flat the low speed position could be the normal running position with the middle position as boost.

The fan is designed to run continuously 24 hours a day. It is fitted with an energy efficient electronic motor.

### Maintenance

In normal running conditions the fan attracts very little dirt. It may be advisable to have the unit inspected by your installer annually and clean if necessary (Making sure that water does not get into the motor or electrical termination box).

### Safety:

**This appliance is not intended for use by persons (including children and the infirm) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.**

**Children should be supervised to ensure that they do not play with the appliance.**

### CE-Conformity:

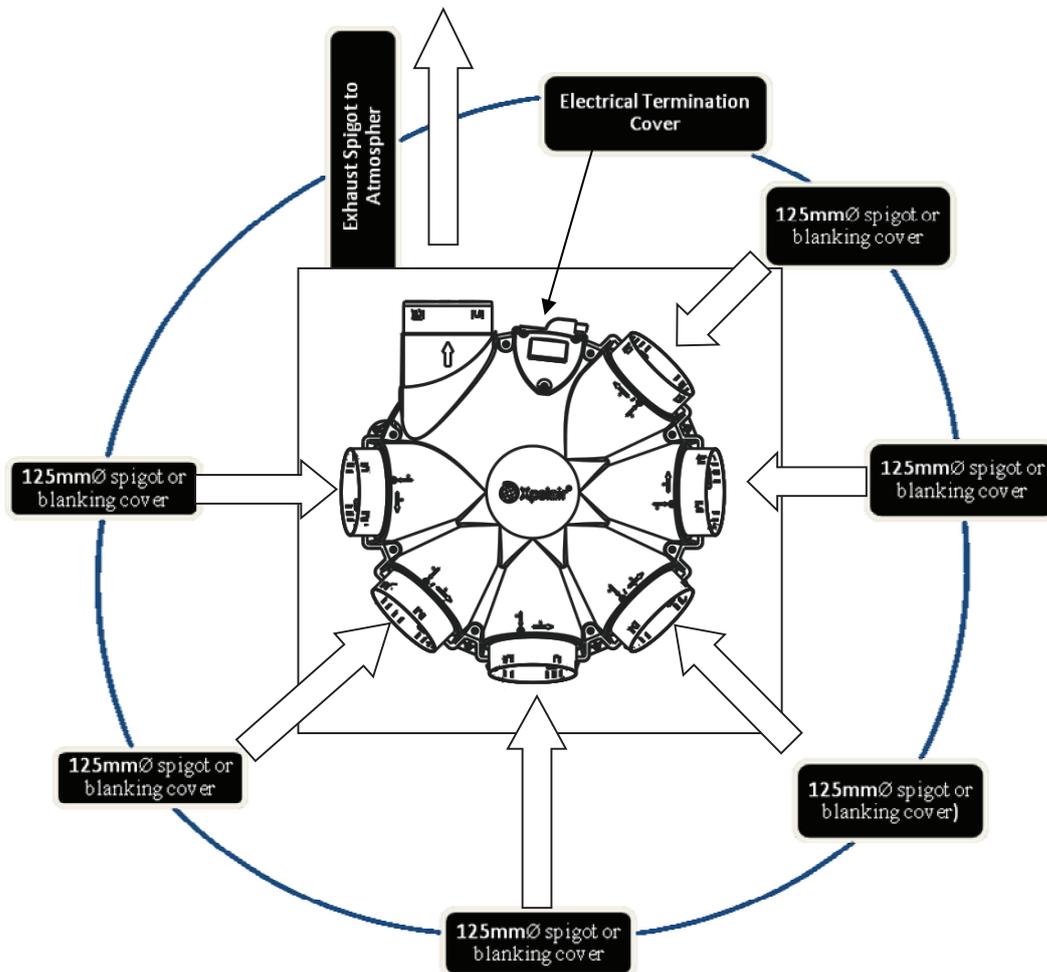
This unit meets all relevant CE standards.

### Characteristics:

The electric motor and fan are enclosed in the ventilator casing. Attached to the casing is up to 6 – 125mmØ extract spigots or blanking covers. Air is exhausted through 1 – 125mmØ spigot built into the casing.

### Setting up the Xplus 2 and planning the system layout:

Example installation:



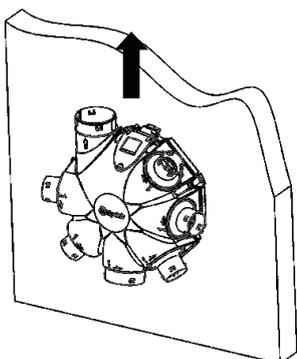
### Installation:

The installation should aim to minimise resistance and prevent any leakage in the ducting. Where possible the use of flexible ducting should be minimised and should be connected using a short section of flexible ducting (no greater than 0.5 meters).

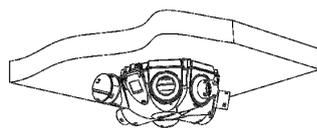
If installing in position where condensation is likely to run backwards into the fan you will need to use a suitable condensation trap or ensure the discharge ducting has a fall towards the external extract grille.

### Orientation of the Unit:

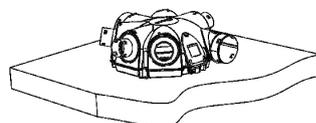
The unit is designed to be screwed down to a robust impermeable surface horizontally, vertically, or inverted as shown below.



In the vertical position:  
The outlet must face vertically



Ceiling Mounted



Horizontal position (Recommended)

### Position of air inlet grilles:

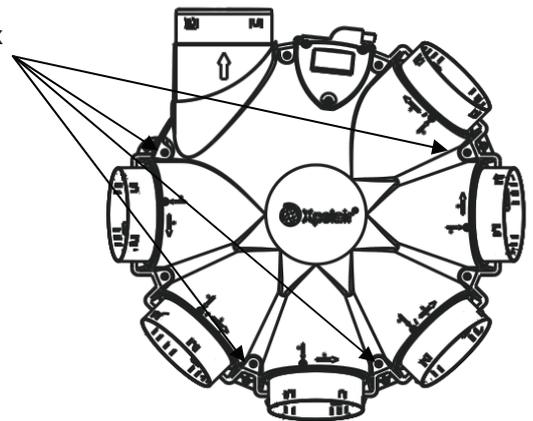
- As far as possible from and opposite to the main source of air replacement to ensure air flow across the room (e.g. opposite an internal doorway).
- Near the source of steam or odours.
- Not where ambient temperatures are likely to exceed 50°C, or above a cooker hob or eye level grille.
- If installing in a room containing a fuel burning device, it's the installer's responsibility to ensure that there is adequate replacement air to prevent fumes being drawn down the flue when the fan is operating.
- Exhaust air must not be discharged into the flue used for exhausting fumes from appliances supplied with energy other than electricity. Requirements of all authorities concerned must be observed for exhaust discharge.
- The inlet grilles should be situated at least 5.0 meter distance from the discharge outlet of a flued heating or cooking appliance.
- For guidance on installation please refer to Xpelair's online installation guide.

### Position of the discharge grille atmosphere:

- At least 2.0 meters away from open door or window, or the inlet of another ventilation device.

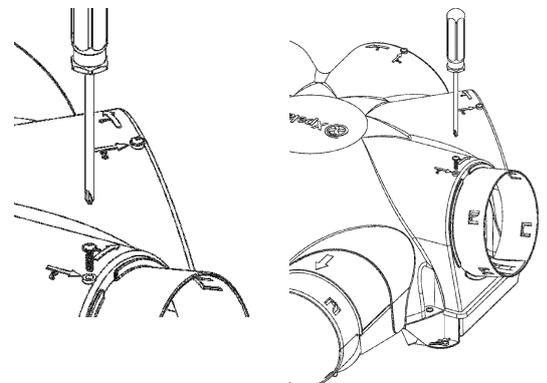
**The fan must always be firmly fixed, ensure the Xplus 2 unit is installed by either of the two methods listed below:**

- Using wood screws fixed through the corner of the ventilator box
- Using threaded bolts in the notched holes.



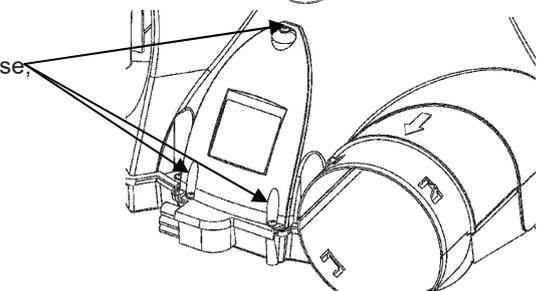
### Connecting the Spigots and Ducting

- Select the spigot required to suit the ventilation requirements: (125mmØ spigot or blanking cover)
- Place a worm drive clip over the flexible duct (not supplied).
- Fix the flexible ducting to the spigot by tightening the worm drive clip (not provided).
- Align the four locating tabs on the spigot and insert the spigot into the unit.
- Once the spigot is flush with the unit turn the spigot clock wise until it locks firmly into position (approximately 30 degrees)
- Using the one of the screws provided lock the spigot into place and gently tighten the worm drive to create a good seal.
- If an extract spigot(s) is not required they should be blanked off with one of the blanking covers provided.
- The blanking cover(s) and spigot(s) should be fixed into position with the locking screw(s) provided.



### Removing electrical termination cover:

Loosen the 3 captive screws holding the electrical termination cover until they release.



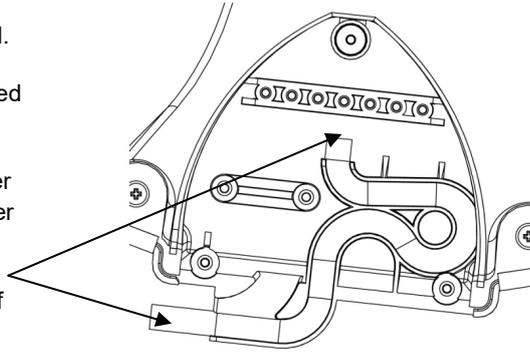
## Power and Control Cables:

The double insulated cable used should be appropriately specified for specific applications by a qualified professional.

The cable used in the product (not supplied) should be routed through the labyrinth provided.

The outside diameter of the cable must be greater than 4.5mm and less than 6.5mm, with a core size of greater than 0.5mm<sup>2</sup>.

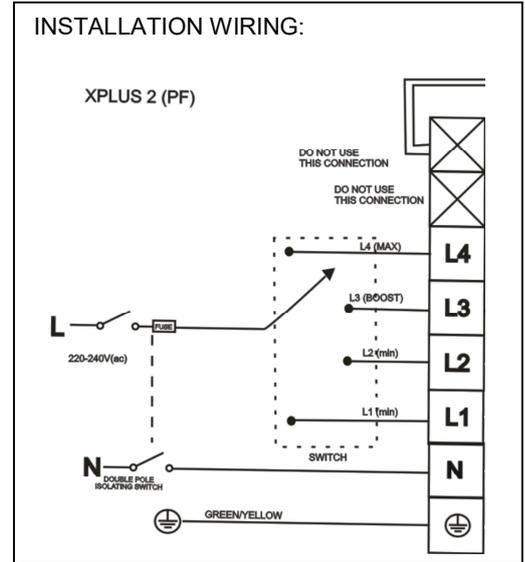
Ensure the cable is securely fitted inside the entire length of the labyrinth:



## Wiring Installations:

- All installations must be supervised by a qualified electrician.
- Installations and wiring must conform to current IEE regulations (UK), local or appropriate regulations (other countries).
- A means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.
- Check that the electrical rating shown on the fan matches the mains supply.
- **WARNING: THIS APPLIANCE MUST BE EARTHED.**
- This appliance is intended for connection to fixed wiring.

1. Switch off the mains electrical supply and remove all fuses before commencing wiring.
2. Wire the fan as shown below diagram.
3. Refit the electrical termination cover.
4. Connect the cable from the isolating switch to the electrical supply wiring
5. Refit fuse before turning on the electrical supply



If you have any queries regarding the installation of this product please call the Technical Hotline +44 344 879 3588  
Our engineers are there to help during normal office hours (UK only).

Customers outside the UK please contact your local Xpelair distributor, details of which are available from the UK office.

### Important:

- Read all the instruction leaflet before commencing installation
- Ensure the mains supply is switched off before attempting to make electrical connections or carry out any maintenance or cleaning.

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## **Warranty.**

UK only:

Xpelair products deliver reliable service for normal, household use in domestic settings. All Xpelair products are individually tested before leaving the factory.

If you are a consumer and you experience a problem with your Xpelair product, which is found to be defective due to faulty materials and workmanship within the warranty period, This Xpelair warranty will cover repair or at the discretion of Xpelair replacement with a functionally equivalent Xpelair Product.

The Xpelair warranty period is Two calendar years from the date of purchase of your Xpelair product, or the date of delivery of the product, if later. The Xpelair warranty is conditional upon you providing the original purchase receipt proof of purchase. Please therefore retain your receipt as proof of purchase.

If you do experience a problem with your Xpelair product please call the helpline on **+44 (0)344 879 3588** or at the address below. We will need details of your Xpelair product, and a description of the fault which has occurred. Once we receive your information and proof of purchase we will contact you to make the necessary arrangements.

Customers outside UK - See International below.

If your Xpelair product is not covered by this Xpelair warranty there may be a charge to repair your product. However, we will contact you for an agreement to any charges before any chargeable service is carried out.

### **What is not covered by an Xpelair warranty?**

The Xpelair warranty does not cover any of the following:

Any fault or damage to your Xpelair product due to faulty materials or workmanship occurring outside the Two year warranty Period.

Any fault or damage occurring to any pre-owned Xpelair product or to any other equipment or property.

Accidental damage to your Xpelair product or damage to your Xpelair product from external sources (for example, transit, weather, electrical outages or power surges).

Fault or damage to your Xpelair product which is:

Not due to faulty materials or workmanship or which is due to circumstances outside Xpelairs control.

Caused by use of your Xpelair product for anything other than normal domestic household purposes in the country where it was purchased.

Caused by any misuse, abuse or neglect use of the Xpelair product, including but not limited to any failure to use it in accordance with the Operating Instructions supplied with the product.

Caused by any failure to assemble, install, clean and maintain your Xpelair product in accordance with th Operating Instructions supplied with the product unless this was carried out by Xpelair or its authorised dealers.

Caused by repairs or alterations to your Xpelair product not carried out by Xpelair service personnel or its authorised dealer(s).

Caused by use of any consumables or spare parts for your Xpelair product which are not Xpelair specified.

### **Terms and Conditions**

The Xpelair warranty is valid for Xpelair from the date of purchase of your Xpelair product from a recognised retailer in the country of purchase and use, or the date of delivery of the product if later, always provided the original receipt has been retained and is produced as proof of purchase.

You must provide to Xpelair or its authorised agents on request the original receipt as proof of purchase and - if required by Xpelair - proof of delivery. If you are unable to provide this documentation, you will be required to pay for any repair work required.

Any repair work under the Xpelair warranty will be carried out by Xpelair or its authorised dealer(s) and any parts that are replaced will become the property of Xpelair. Any repairs performed under the Xpelair warranty will not extend the warranty period.

Any replacement of your Xpelair product by Xpelair during the warranty period will start the Two year warranty period afresh from the date of delivery of the replacement Xpelair product to you.

The Xpelair warranty does not entitle you to recover of any indirect or consequential loss or damage including but not limited to loss or damage to any other property.

The Xpelair warranty is in addition to your statutory rights as a consumer and your statutory rights are not affected by this Xpelair warranty.

### **Contact Xpelair**

If you have any questions about what the Xpelair warranty covers and does not cover or how to claim under Xpelair warranty, please contact us using the information below.

#### **Contact details**

Glen Dimplex UK Ltd,  
Millbrook House, Grange Drive, Hedge End, Southampton, SO30 2DF  
Telephone: +44 (0) 344 879 3588  
Email: [customer.services@glendimplex.com](mailto:customer.services@glendimplex.com)  
Web: [www.xpelair.co.uk](http://www.xpelair.co.uk)

Glen Dimplex Europe Limited,  
Airport Road, Cloghran, Co. Dublin, K67 VE08.  
Telephone: +353 (0)1 8523400  
Email: [serviceireland@glendimplex.com](mailto:serviceireland@glendimplex.com)

#### **International**

Warranty: Contact your local distributor or Xpelair direct for details.

Technical advice and service: Contact your local Xpelair distributor.

Xpelair: A brand of Glen Dimplex Heating and Ventilation

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For electrical products sold within the European Community. At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with a Local Authority or retailer for recycling advise in your country. Batteries should be disposed of or recycled in accordance with WEEE Directive 2012/EU. Packaging should be recycled where possible.



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