CLASSIC-100

Instruction leaflet

CLASSIC-100 AXIAL EXTRACTOR FANS

Suitable for bathroom applications

Thank you for placing your confidence in **EnviroVent** by buying this product. It has been manufactured in accordance with current technical safety regulations, production and quality standards as laid down by the international Quality Standard ISO 9001. Please read this instruction booklet carefully before installing or operating the product. It contains important information on personal and user safety measures to be followed whilst installing, using and carrying out maintenance work on the equipment. Once the product has been installed, please pass this booklet to the end user.

Check that the product is in perfect condition whilst unpacking. Any fault or damage caused in origin is covered by the **EnviroVent** guarantee. Please make sure that the product corresponds to the one you have ordered and that the details on the instruction label fulfil your requirements.

IMPORTANT:

BE SURE TO HAVE READ AND UNDERSTOOD THESE INSTRUCTIONS BEFORE BEGINNING THE INSTALLATION PROCESS

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 competent person.
  This fan is IP44 rated.
- Do not install near sources of heat in excess of 40°C.
- Position away from any source of water spray from a bath or shower. Do not site in a shower enclosure.
- Position the fan at the furthest distance from the main source of air replacement in the room in order to achieve maximum airflow performance.
- This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.

INSTALLATION: CLASSIC -100

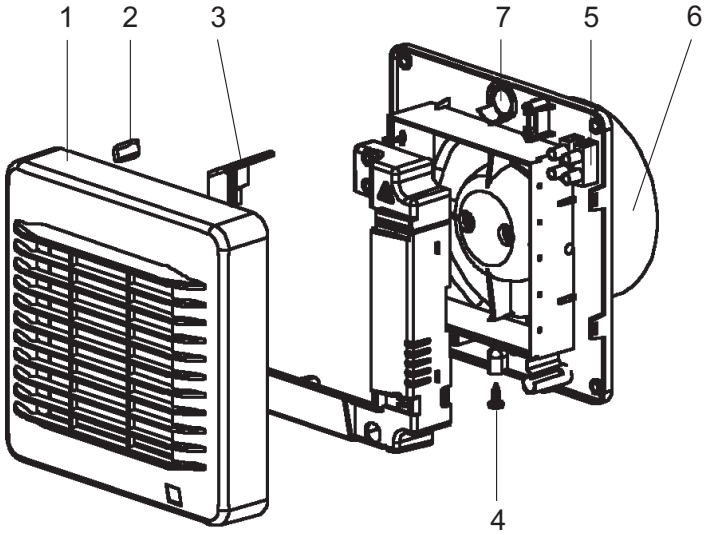

Fig.1

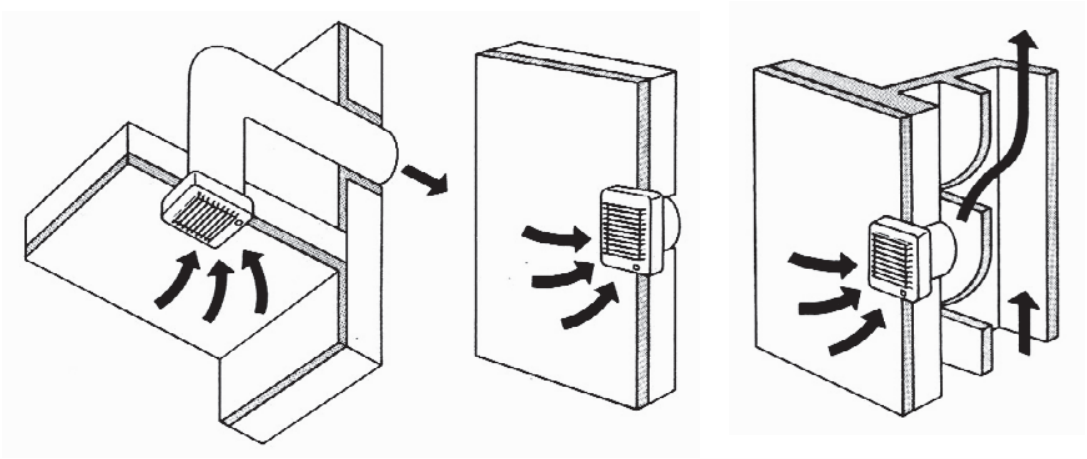

Fig.2

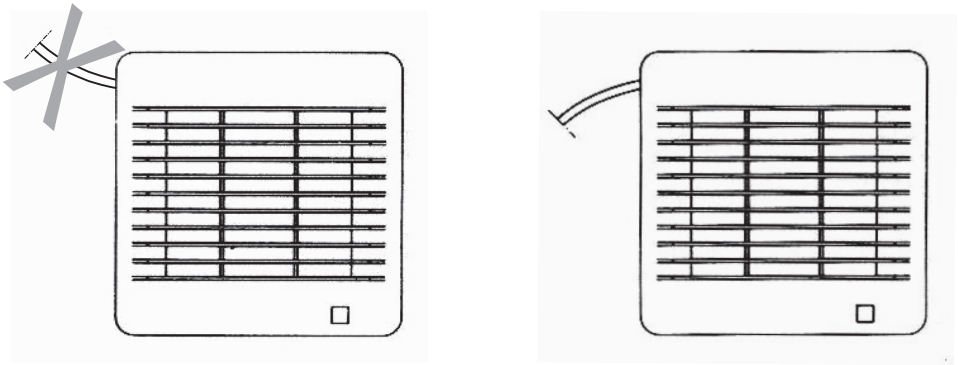

Fig.3

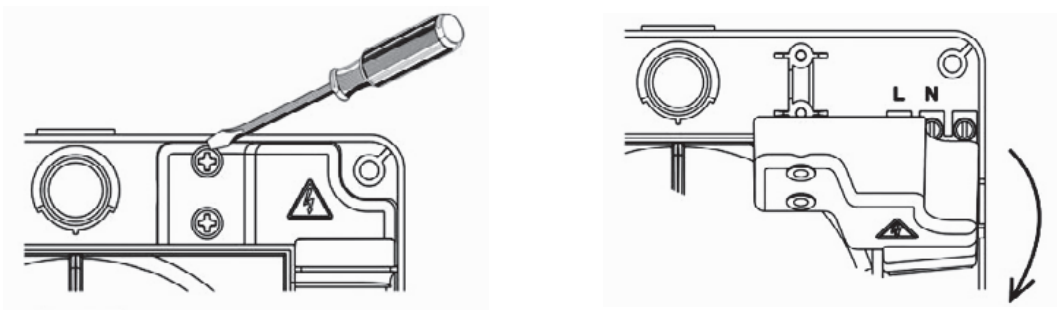

Fig.4

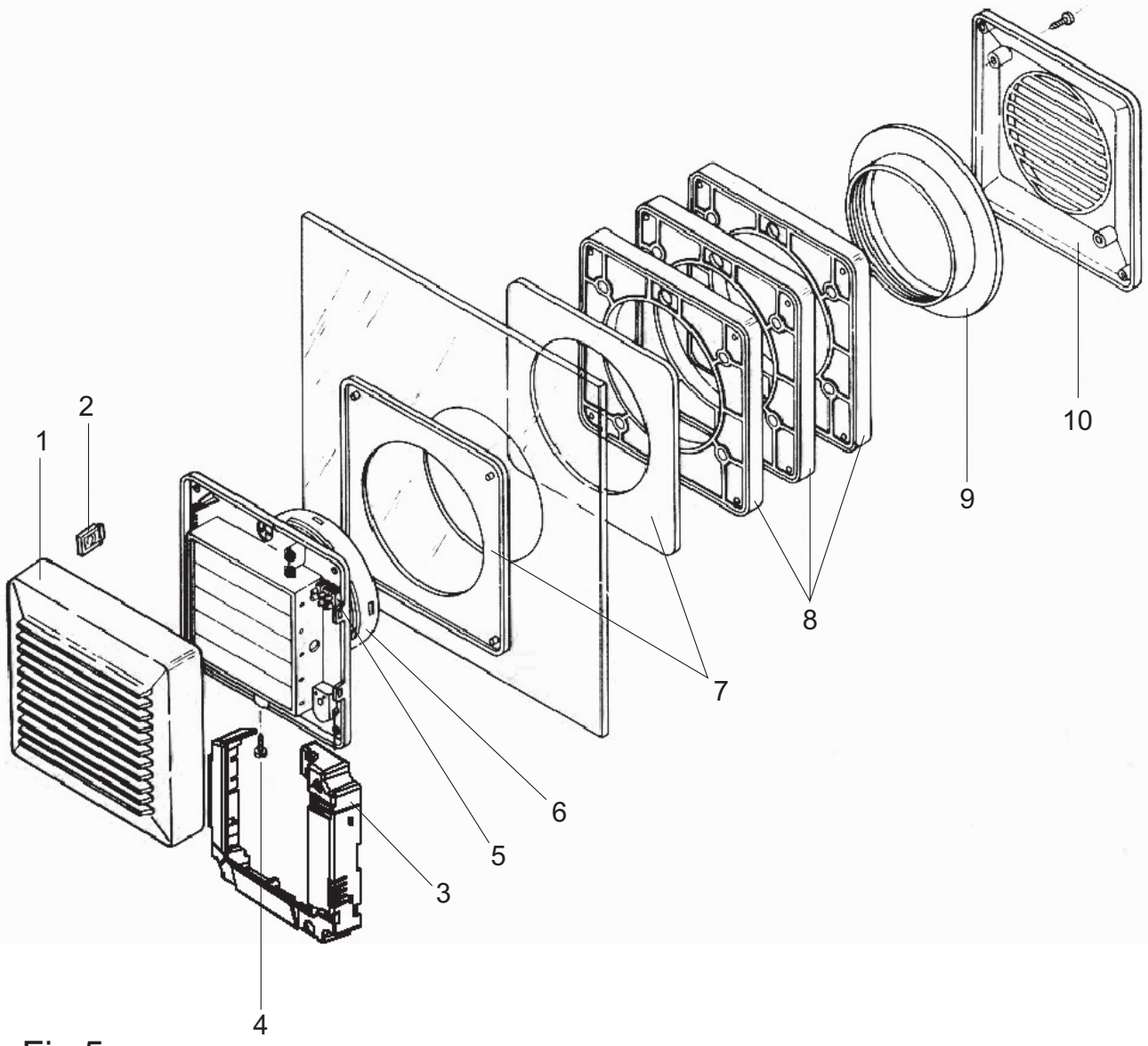

Fig.5

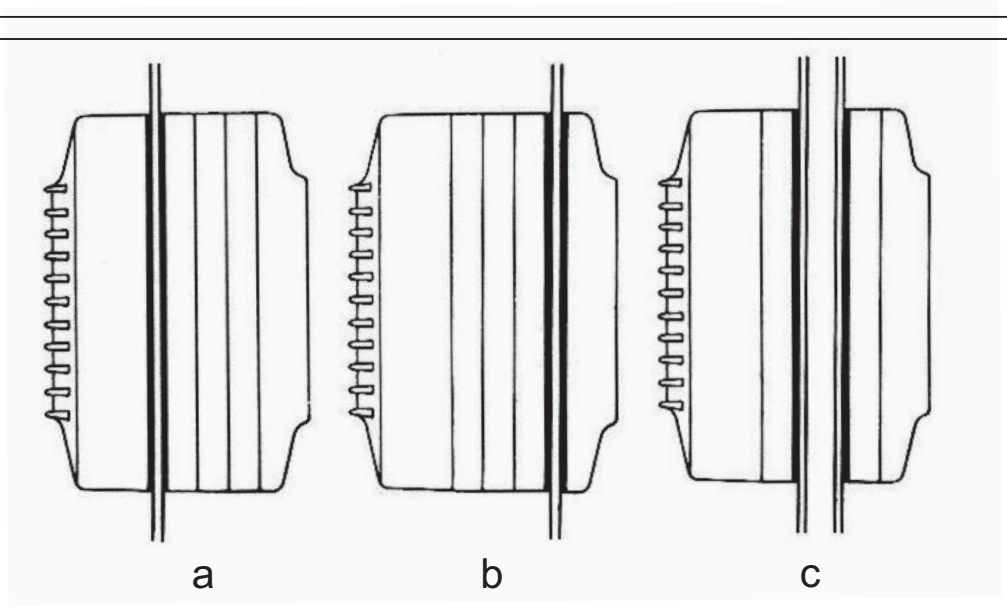

Fig.6

CLASSIC-100 S

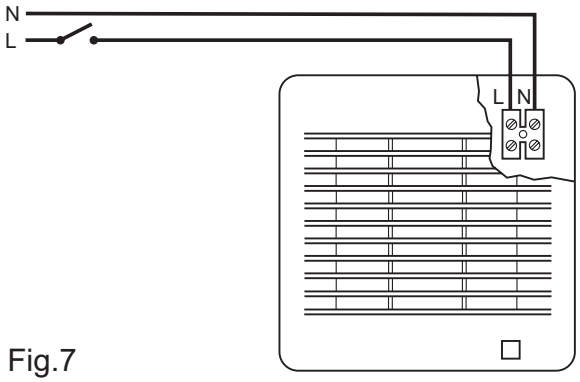

Fig.7

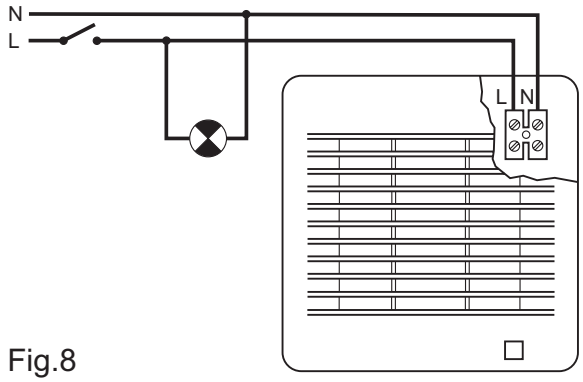

Fig.8

CLASSIC-100 XP

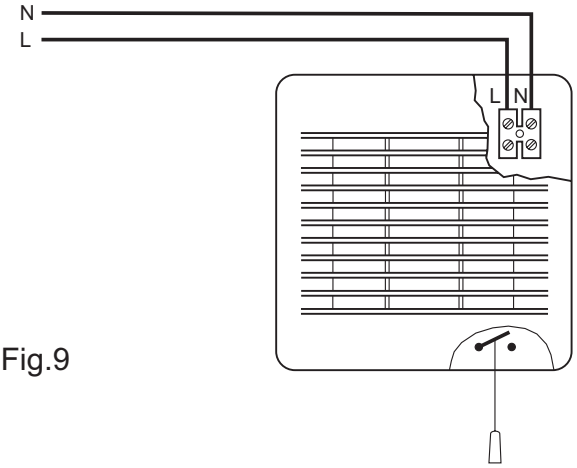

Fig.9

CLASSIC-100 HP
CLASSIC-100 XHP

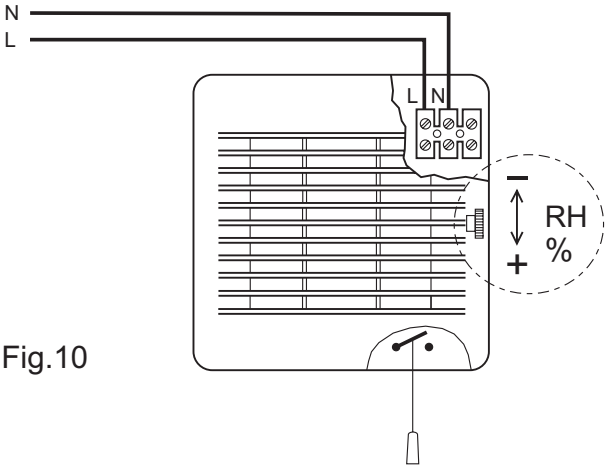

Fig.10

CLASSIC-100 T
CLASSIC-100 XT

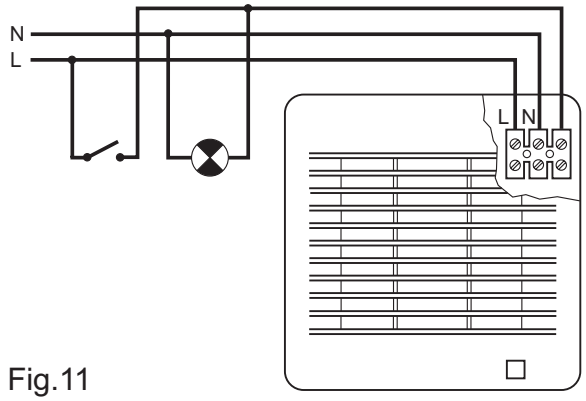

Fig.11

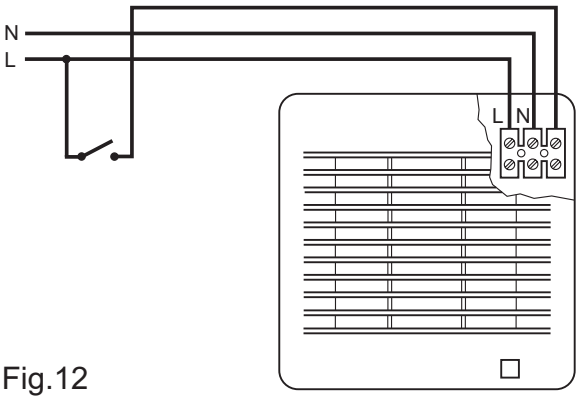

Fig.12

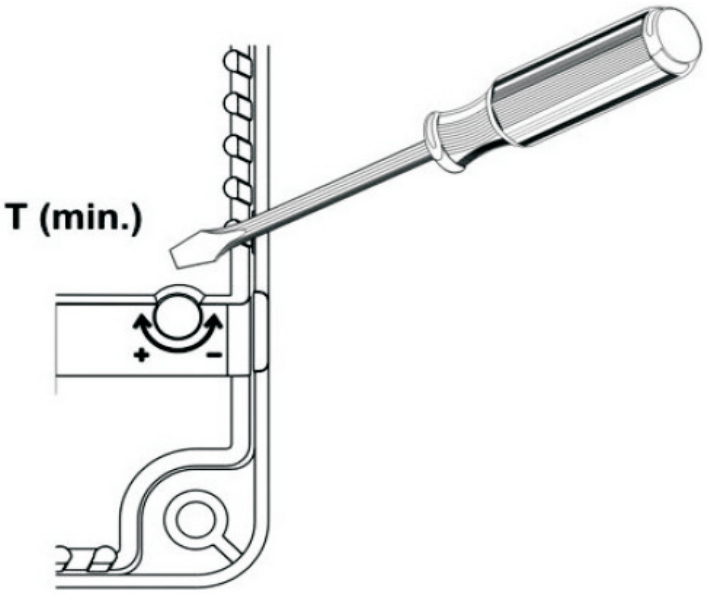

Fig.13

CLASSIC-100 XHT

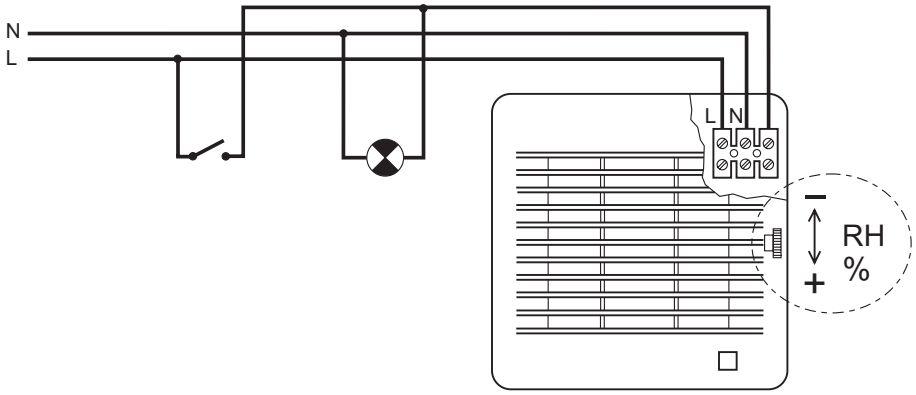

Fig.14

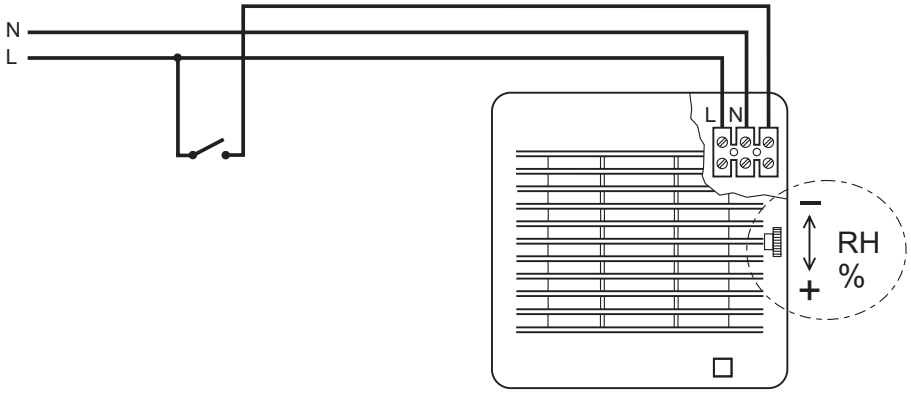

Fig.15

CLASSIC-100 AXIAL EXTRACTOR FANS

Suitable for bathroom applications

INSTALLATION

IMPORTANT: before installing and wiring the unit, ensure that the mains supply is disconnected.

CLASSIC-100 should only be used in conjunction with fixed wiring.

Fig.1

1 – Grille
2 – Cable entry point
3 – Connection cover
4 – Fixing screw
5 – Connection terminals
6 – Outlet
7 – Slot

The CLASSIC-100 is suitable for wall, ceiling or window (using the CLASSIC-100 window kit) installations.

Panel Model

- Drill a 105mm-diameter hole in chosen position in the panel surface.
- Loosen the screw (4), which holds the grille in place (1) and remove grille.
- Mark the fixing holes in the back of the fan plate. This fan must be installed by a competent person. Complete electrical wiring of fan as outlined in the Wiring Instructions overleaf. Then refit the grille and tighten the screw (4).
- Bind the adhesive tape supplied around the outlet (6).

Wall Model

- Drill a 115mm diameter hole in chosen position through the wall. Slope the wall sleeve downwards to prevent rainwater running through the duct into the unit. The end with the larger diameter should be on the room side.
- Loosen the screw (4), which holds the grille in place (1) and remove grille.
- Mark the 4 screw hole positions. Drill, plug and screw into position. Repeat this process for the external grille sub-frame. Fix the exterior grille in position, whilst ensuring that the louvres are positioned downwards.
- Check that the wall tube is not distorted and that the impeller turns freely.
- This fan must be installed by a competent person. Complete electrical wiring of fan as outlined in the Wiring Instructions below. Then refit the grille and tighten the screw (2).
- Bind the adhesive tape supplied around the outlet (6).

Window Model (Fig. 5)

These models have been designed for installation on a window (single or double glazed) using the CLASSIC 100 Window Fixing Kit.

Fig.5 1 & 10 – Protection grille
2 – Cable entry point
3 – Connection cover
4 – Fixing screw
5 – Connection terminals
6 – Outlet
7 – Rubber joints
8 – Spacers
9 – Threaded ring

- Cut a 105mm -diameter hole in glass.
- Loosen the screws on the front and back protections grilles (1 and 10). Loosen the threaded ring (9) and remove the 4 spacers (8).
- Mount the fan depending on the installation requirements so that the glass is between the two rubber joints (7):

  Fig. 6a: All the spacers on the outside
  Fig. 6b: All the spacers on the inside
  Fig. 6c: Spacers on the outside and the inside.

  For double-glazing, one or more spacers may be discarded.

- Fix the threaded ring. Fix the exterior grille in position, using the screws provided. This fan must be installed by a competent person. Complete electrical wiring of fan as outlined in the Wiring Instructions overleaf. Then refit the front grille and tighten the screw (2).

WIRING INSTRUCTIONS

IMPORTANT: *ENSURE THAT THE MAINS SUPPLY IS SWITCHED OFF BEFORE MAKING ELECTRICAL CONNECTIONS.*

- The CLASSIC-100 is designed for single-phase supply, suitable for connection to 220-240V/1/50Hz supply. It is double insulated (Class II) and **must not be earthed**. The installation must include a double pole switch with a contact clearance of at least 3mm.

- There are two options for cable entry to the fan. If using recessed wiring, the cable must be introduced through the slot (7) (Fig. 1). If using surface wiring the cable must be introduced as shown in Fig 3 and the break-out region on the left hand side of the front grille should be removed.

- For access to the fan terminals, remove the safety cover screws and hinge up (Fig. 4).

- **CLASSIC – 100 S**

This model uses the following wiring diagrams:

Fig.7. Fan operating through a light switch.
Fig.8. Fan operating through an independent switch.

- **CLASSIC - 100 X Models (XP, XHP, XT)**

Models fitted with thermo-electric automatic shutter.

WARNING: The opening of the shutter is facilitated by means of a thermal system that requires a few seconds to open completely.

CLASSIC - 100 XP (Fig. 9)
Single speed fan, fitted with thermo-electric shutter and integral pullcord.

- **CLASSIC - 100 H Models (XHP, XHT, HP)**

Provided with an integral humidity sensor, which can be adjusted from 60-90% RH by the rotary switch on the front of the fan without removing the grille. The controller is factory set to approx. 72% RH.

- To lower the RH, turn the adjuster towards the minus sign. The fan will operate more frequently, as the controller will be more sensitive.
- To increase the RH, turn the adjuster towards the plus sign. The fan will operate less frequently, as the controller will be less sensitive.

CLASSIC-100 HP (Fig. 10)
Automatic operation with pull cord switch enabling override of the fan when the relative humidity level in the room is lower than the set % RH value.

CLASSIC –100 XHP (Fig. 10)
Fitted with thermo-electric shutter and pull cord switch enabling override of the fan when the relative humidity level in the room is lower than the set % RH value.

- **CLASSIC - 100 T Models (T, XT)**

The timer enables the fan to continue running for the selected period after the switch has been turned off. The desired run-on time is selected by means of an adjuster “T” positioned on the printed circuit board (Fig.13).

CLASSIC –100 T & XT
Fig.11. Fan operating through a light switch.
Fig.12. Fan operating through an independent switch.

CLASSIC –100 XHT
Fitted with thermo-electric shutter, humidity sensor and timer.

Fig. 14. Fan operating through a light switch
Fig. 15. Fan operating through an independent switch

CLEANING AND MAINTENANCE

IMPORTANT: *DISCONNECT FROM THE MAINS SUPPLY BEFORE CARRYING OUT CLEANING OR MAINTENANCE*

To ensure optimum performance from your extract fan, it should be cleaned periodically by a competent person.

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 01423 810810.

Remember, if you have any problems please call our dedicated Technical Team on the **Hotline 0845 27 27 810.**

All EnviroVent products are designed to be recycled when they reach the end of their working life. To save the environment and to reduce landfill, please call **EnviroVent** on 0845 27 27 810 to arrange for the fan to be returned to the factory.

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

GUARANTEE

The CLASSIC-100 range products are covered by a two year guarantee, subject to the specified maintenance stated within this booklet. In the event of any failure of the fan within two years of supply- excluding only wilful or careless damage – we will exchange the fan free of charge.

EnviroVent Ltd
EnviroVent House
Hornbeam Business Park
Harrogate
HG2 8PA

Name and address of purchaser …….....

……..

Model .....

Date of purchase ……...

Dealer stamp

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