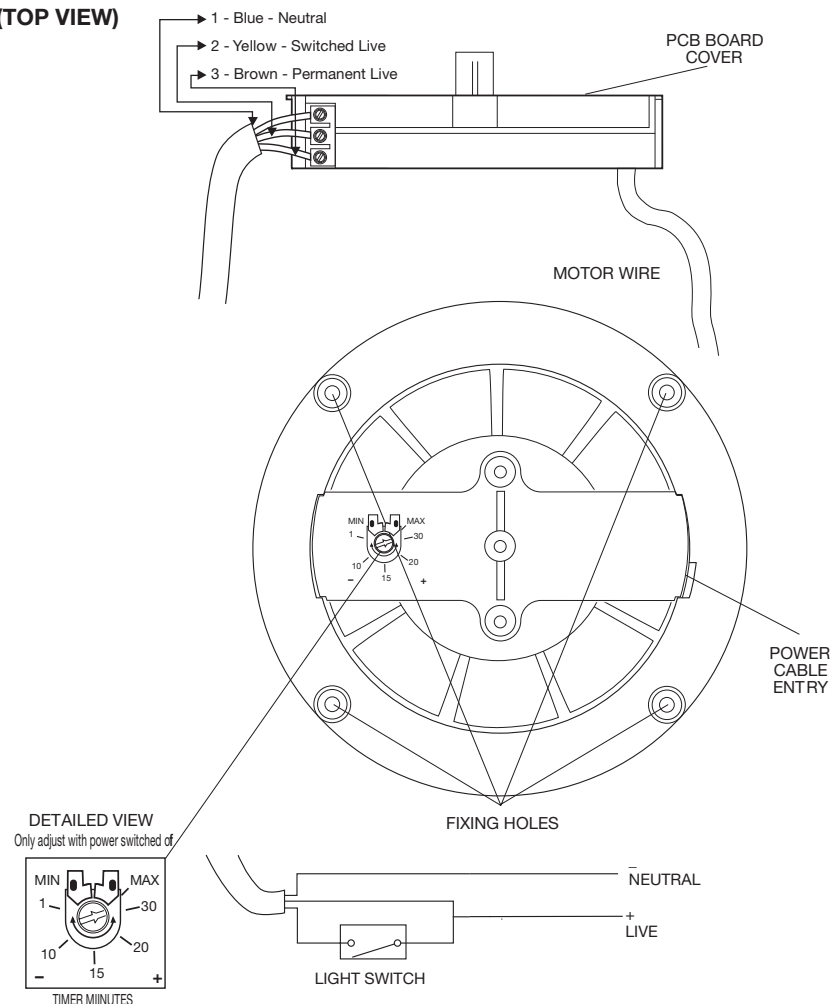


DIAGRAM 2
TIMER MODEL

(TOP VIEW)



INSTALLATION INSTRUCTIONS

MANROSE
PRO-SERIES

PRO SERIES LOW PROFILE FAN XFLP/XPLP MODELS

Thank you for selecting our Manrose Pro Series Low Profile Extractor Fan. Please read all instructions before commencing installation.

- NOTE: (i) The fan is to be installed so that the blades are more than 2.1m above the floor. For best results this Extractor Fan should be fitted as high on the wall as possible, or if preferred, on the ceiling.
- (ii) Do not install the unit within a shower cubicle. Use our shower fan SF150 models.
- (iii) Switch off mains supply before making electrical connections. This system should be installed by a qualified electrician.
- (iv) This fan is double insulated and does not require an earth.
- (v) When installing fan through an external wall, an external wall grille must be fitted at all times.
- (vi) The fan motor is not intended to be mounted on the outside of walls or windows.

- Recommended hole sizes for wall & ceiling fixing:- LP125 = 140mm, LP150 = 173mm (with or without board fixing clips)
- Cut a suitable diameter hole in the wall. If the fan is to be fixed onto the ceiling ensure that the hole is between the joists.
- Hold the body of the fan against the wall or ceiling and mark the four screw holes and the cable entry on the side. (Use the fixing clips to secure the fan in panel walls & ceilings) (**see Diagram 1A**)
IMPORTANT: Ensure that the fan is square on wall or ceiling.
- Bring power cable into position, as marked. Allow an extra 230mm (9") protruding to facilitate connection.
- If an XPLP kit - Select a suitable position on the outside wall for the weatherproof cowl. Carefully remove the cowl from its housing by levering gently at the sides with a small screwdriver. For LP125 cut a 140mm hole, for LP150 cut a 160mm hole, ensuring first that the area is free from obstruction.

6. Wiring of Standard Model. (see Diagram 1)

Remove the internal cover by removing the two small caps and retaining phillips screws to access the terminal connections.

The fan can be connected to the light switch so that the fan will start when the light is switched on. The fan should not be accessible to a person using either the shower or the bath.

NOTE: All wiring must be fixed securely and the cable to the fan should be a minimum of 1mm² in section. All wiring must comply with National Wiring Rules. This system should be installed by a qualified electrician.



Manrose is proudly distributed by Simx Limited
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**DIAGRAM 1
STANDARD MODEL**

(TOP VIEW)

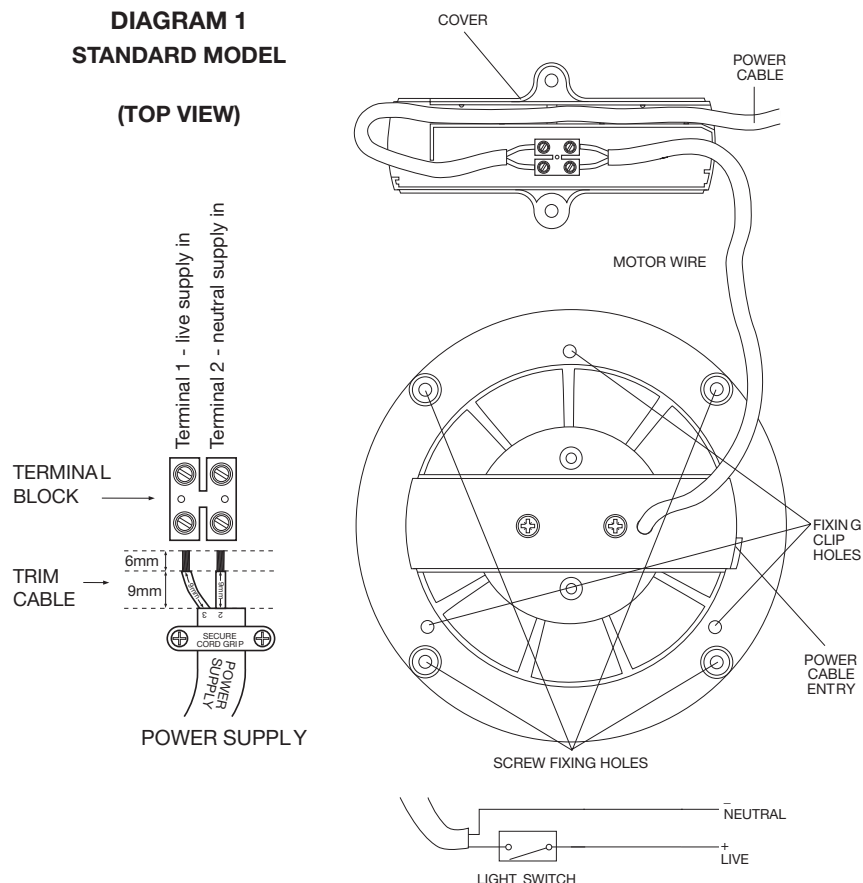
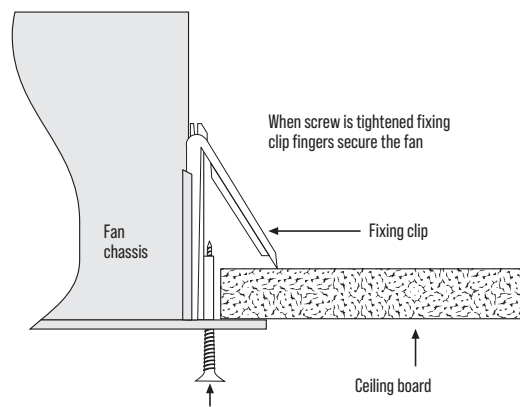


DIAGRAM 1A

(SIDE VIEW)



7.

Wiring of Timer Model. (see Diagram 2)

Remove the internal cover by removing the two small caps and retaining philips screws to access the terminal connections.

The fan can be connected to the light switch so that the fan will start when the light is switched on. The fan should not be accessible to a person using either the shower or the bath.

NOTE: All wiring must be fixed securely and the cable to the fan should be a minimum of 1mm² in section. All wiring must comply with National Wiring Rules. This system should be installed by a qualified electrician.

Timer Adjustment

The Timer fan will run approximately one minute after it has been switched off. This time delay can be increased by firstly switching off the power to the fan. Remove the cover and the timer cover as detailed in Diagram 2. Insert a small screwdriver into the slot, marked  in **Diagram 2**, and turn clockwise to reduce the time and anti-clockwise to increase the time. **Only adjust with power switched off.**

The minimum time the timer will run for is 20 seconds and the maximum is about 20 minutes. **NB Timer delay is adjustable as indicated on the timer strip cover.**

Specifications: NZLP120BB;
NZLP120TBB

Electrical: 220-240V ~50Hz 
Fan Wattage: 20W
Max Temp: 40°C
Airflow: 36l/s (130m³/hr)
Max Pressure: 35 Pa
Sound Volume: 41 dB(A)
IP Rated: IP24

Specifications: NZLP150BB;
NZLP150TBB

Electrical: 220-240V ~50Hz 
Fan Wattage: 20W
Max Temp: 40°C
Airflow: 101l/s (364m³/hr)
Max Pressure: 50 Pa
Sound Volume: 40 dB(A)
IP Rated: IP24

IMPORTANT

- Ensure that the fan is switched off from the supply mains before removing the guard.
- This system should be installed by a qualified electrician.
- When fitting through an external wall, an external grille must be fitted at all times.
- Fan should only be installed by fixed wiring. A flexible cord should not be used.
- Disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.
- Exhaust fans may adversely affect the safe operation of appliances burning gas or other fuels (including those in other rooms) due to back flow of combustion gases. These gases can potentially result in carbon monoxide poisoning. After installation of an exhaust fan such as a partition fan or a duct fan the operation of flued gas appliances should be tested by a competent person to ensure that back flow of combustion gases does not occur.