

## LOW PROFILE EXTRACTOR FAN SERIES. LP125, LP150 SELV (12VAC) VERSIONS

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

**Caution:** These fans must NOT be connected directly to a mains supply. Only use the enclosed approved 12V 50Hz safety isolating transformer. (Order Code:FAN0436)

- NOTE:
- (i) For best results this extractor fan should be fitted as high on the wall as possible, or if preferred, on the ceiling.
  - (ii) Isolate the mains supply before making electrical connections. This system should be installed by a qualified electrician.
  - (iii) This fan is double insulated and does not require an earth.
  - (iv) When installing fan through an external wall, an external wall grille must be fitted at all times.
1. 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.
  2. Hole recommended sizes for wall & ceiling fixing: LP125 = 140mm, LP150 = 173mm (with or without board fixing clips)
  3. 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.
  4. Bring 12VAC power cable into position, as marked. Allow an extra 230mm (9") protruding to facilitate connection.
  5. 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. 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 via the safety isolating transformer so that the fan will start when the light is switched on.

**NOTE:** All wiring must be fixed securely and the cable to the fan should be a minimum of 1mm<sup>2</sup> in section. All wiring must comply with current regulations. This system should be installed by a qualified electrician.

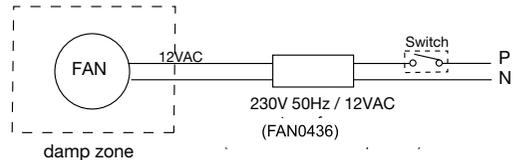
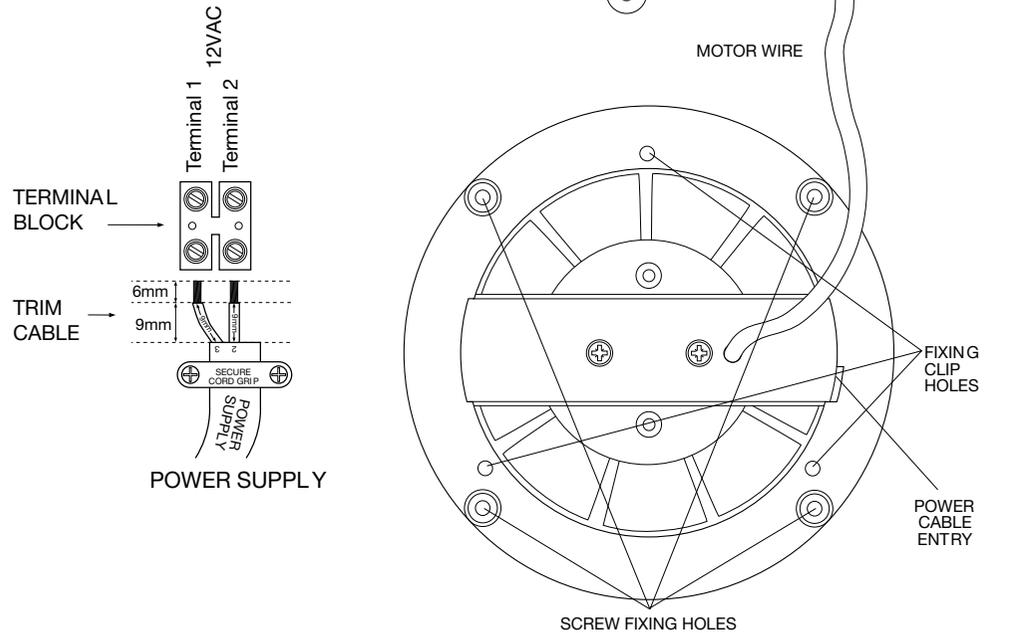
We reserve the right to change specification without prior warning



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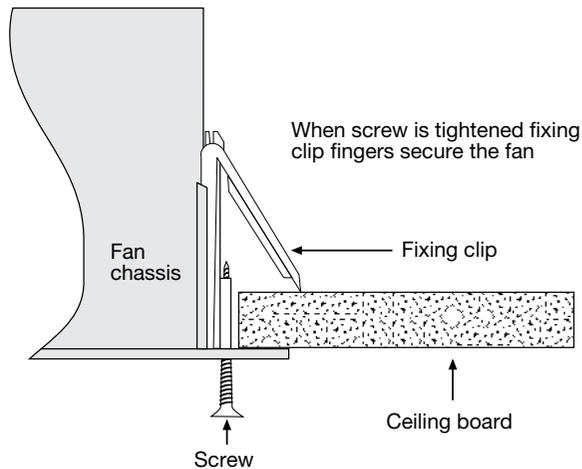
**DIAGRAM 1  
SELV MODEL**

(TOP VIEW)



**DIAGRAM 1A**

(SIDE VIEW)



**Specifications: LP125**

Electrical: 12VAC ~ 50Hz    
 Fan Wattage: 20W  
 Max Temp: 50°C  
 Airflow: 36l/s (130m<sup>3</sup>/hr)  
 Max Pressure: 35 Pa  
 Sound Volume: 41 dB(A)  
 IP Rated: IP44

**Specifications: LP150**

Electrical: 12VAC ~ 50Hz    
 Fan Wattage: 25W  
 Max Temp: 50°C  
 Airflow: 101 l/s (364 m<sup>3</sup>/hr)  
 Max Pressure: 60 Pa  
 Sound Volume: 40 dB(A)  
 IP Rated: IP44

**IMPORTANT**

- **Isolate the mains supply before making any electrical connections. 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.**
- **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.**
- **Precautions must be taken to avoid the back-flow of gases into the room from the open flue of gas or other open-fire appliances when mounted in outside windows or walls.**