

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.
- This appliance is not intended for use by persons (including children) with reduced physical sensory or mental capabilities, or lack of experience or knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- 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.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The fan is to be installed so that the blades are more than 2.1m above the floor.

Specifications

Motor: All metal aluminium die cast with metal impeller, outer rotor, shaded pole motor

Electrical: 220-240 V - 50Hz

Wattage: 27W

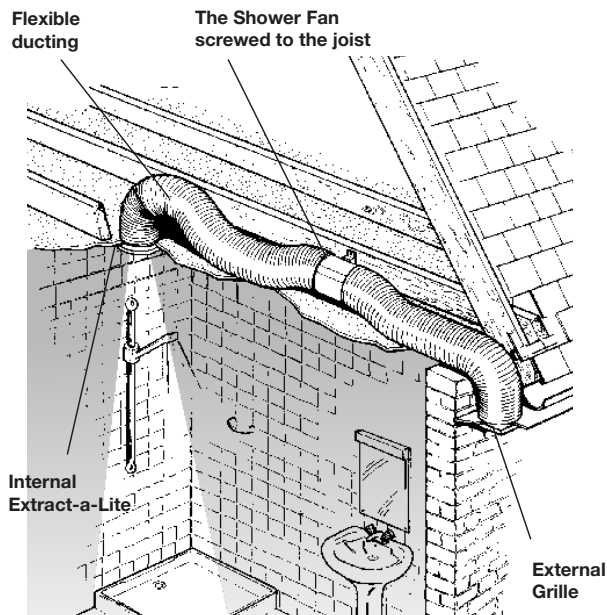
Noise Level: 38dB(A)@3m

Maximum pressure: 120 Pa

Fan Performance: 394m³/hr
(zero pressure)

IP Rating: IPX2

Compliance: AS/NZS60335-2.80:2004



We reserve the right to change specification without prior warning



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INSTALLATION INSTRUCTIONS

MANROSE
CLASSIC SERIES

MANROSE CLASSIC 150mm EXTRACT-A-LITE FAN RANGE

Thank you for selecting our Manrose 150mm Extract-a-Lite Fan Kit.

Please read all instructions before commencing installation.

Please ensure the correct LED lamp and driver OR Halogen lamp and transformer are used for replacements. The LED model MUST be replaced with an LED lamp and the Halogen model MUST be replaced with a Halogen lamp. They are not interchangeable.

Light Specifications:

LED models: FAN5369 and FAN5370

Driver Input: 220-240 VAC

Driver Output: 12VDC

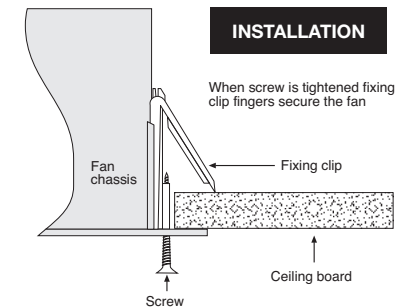
Lamp MR16: 12V / 3W high power LED, 25° beam angle

Halogen models: FAN0803 and FAN0804

Transformer Input: 220-240 VAC

Transformer Output: 12VAC

Lamp MR16: 12V / 50W Halogen, 60° beam angle



Installation Instructions

Important: The Halogen Extract-a-lite must not work independently of the fan.

1. Cut a 165mm diameter hole in ceiling, (always ensure the hole is cut between ceiling rafters and away from any wiring or plumbing). Fix the Extract-a-lite chassis using the 4 screws provided. Use the fixing clips to secure the fan in panel walls & ceilings.

2. For the LED models: Connect a suitable driver to the Extract-a-Lite and to a suitable power supply, ideally to the switched live of the extractor fan installed. Recommended driver: FAN5342. Replacement lamp: LHT0221.

For the Halogen models: Connect a suitable transformer to the Extract-a-Lite and to a suitable power supply, ideally to the switched live of the extractor fan installed. Recommended transformer: FAN2101. Recommended lamp: FAN0431.

3. Place the white ceiling cover onto the Extract-a-lite chassis by positioning over the 3 lugs, and twisting clockwise.

4. Never connect mains direct to the lamp.

5. The transformer/driver must be suitable for 230V AC input.

CAUTION: Disconnect the power supply, and be sure that the lamp has fully cooled before removing or replacing.

DIMENSIONS

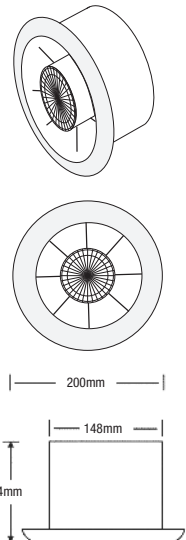


Diagram 1 (EL150S) Standard Model This diagram is for a lighting circuit only

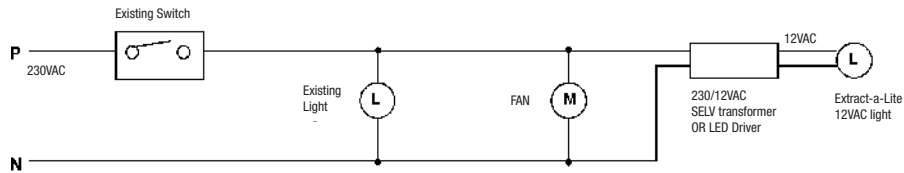


Diagram 2

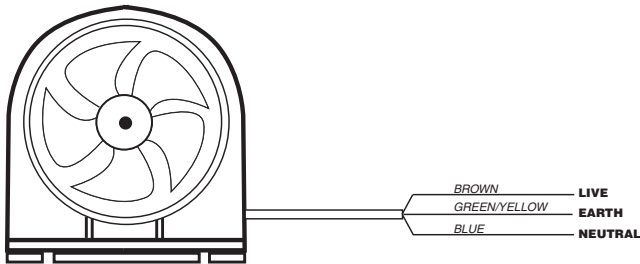
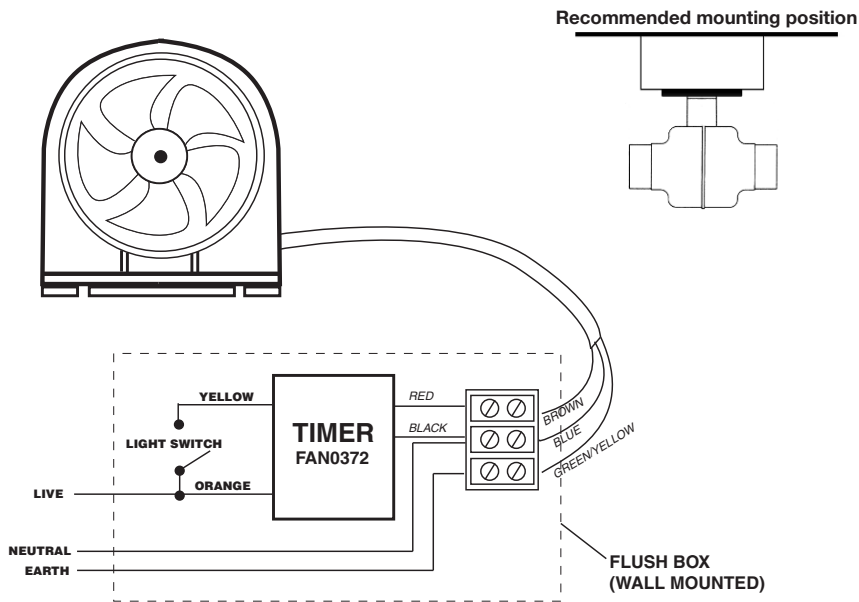


Diagram 3



FITTING THE INDUCT FAN

1. Select a suitable place for the fan to be screwed to a joist and secure using two screws through the fixing bracket.
2. Using the external grille select a suitable position in the soffit/wall and cut a 165mm hole. Attach one end of the flexible duct to the grille, using the duct tape supplied. Feed the ducting through the hole until the grille is secure and flush with the soffit/wall. Secure the grille to the soffit/wall using four screws and fixing clips supplied.

NB: It is best not to cut the flexible ducting until the grille with the flexible ducting attached has been screwed to the outside wall so as to avoid the possibility of cutting the duct too short.

3. Pull the flexible ducting gently to the discharge spigot of the fan and cut the duct to length and connect to the fan using the duct tape supplied.

There is an arrow on the unit showing the airflow direction. Try to keep the ducting as straight as possible and keep the distance between the Extract-a-Lite and the external soffit or wall as short as possible to achieve optimum fan performance of the fan.

4. Connect the other piece of duct to the Extract-a-lite and onto the fan using the duct tape supplied. Cut off and discard any excess ducting. **NB:** Make sure wherever possible to keep the ducting running in a straight line as this will improve the performance of the fan.

5. **Wiring of Standard Model EL150. Diagram 2.**

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.

NB: 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 current Regulations.

6. **Wiring of Timer Model EL150 as Diagram 3.**

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.

NB: 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 current Regulations.

The timer mechanism fitted is a fixed seven minute timer which is installed in the flush box. This means that the fan will run on for approx 7 seven minutes after it has been switched off. (see diagram 5 for wiring instructions, and also instructions included with FAN0372).