

CLASSIC IN-LINE FAN SF150 MODELS

The Manrose Shower Fan is designed exclusively for safe ventilation within a shower cubicle. This fan is a high performance axial model with high static pressure which enables additional ducting to be added to this system, while still maintaining high levels of extraction.

Thank you for selecting our Manrose 150mm In-Line Fan Kit. Please read all instructions before commencing installation.

1. First select the grille you prefer in your room. There are two designs a circular ceiling grille which we recommend as the interior grille, and a fixed louvre design which is suitable for the exterior.
2. The interior grille comes in two parts, the chassis (or spigot) and the circular fascia. If using fixing clips cut a 165mm hole in the ceiling ensuring first that the area above is free from obstruction. Alternatively cut a 155mm hole.
3. Fit 2 fixing clips supplied to the grill chassis then push the chassis (or spigot) section into the hole in the ceiling. Alternatively mark the position of the fixing holes on the ceiling, drill the holes and screw the grille chassis to the ceiling. Then refit the fascia to the chassis by aligning the locking tabs and twisting clockwise to secure.
4. Select a suitable place for the Fan to be screwed to a joist and secure using two screws through the fixing bracket. The fan motor is of ball bearing design to prolong the life of the motor.
5. Select a suitable position either in the soffit or on an outside wall for the other grille (fixed louvre), Carefully remove the grille insert from its housing by levering gently at the sides with a small screwdriver. Cut a 160mm hole ensuring first that the area above is free from obstruction.
6. Attach one end of the flexible duct to the spigot with the duct tape provided and from the outside feed the duct through the hole until the grille is flush with the soffit/wall. Mark the position of the fixing holes on the soffit/wall. Drill the holes and screw the grille to the soffit/wall then refit the grille to the chassis.
Note: It is best not to cut the flexible duct until the grille has been screwed to the outside surface to avoid the possibility of cutting the duct too short.
7. Pull the flexible duct gently to the discharge spigot of the fan and cut it to length and connect to the fan with duct tape provided.
Note: The discharge end of the Fan unit is the end where you can see the fan blade clearly. There is also an arrow on the unit showing airflow direction.
8. Connect the remaining piece of duct to the ceiling grille and onto the fan using the duct tape provided. **Note:** Make sure wherever possible to keep the duct running in a straight line as this will improve the performance of the fan.

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.

We reserve the right to change specification without prior warning



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Diagram 1

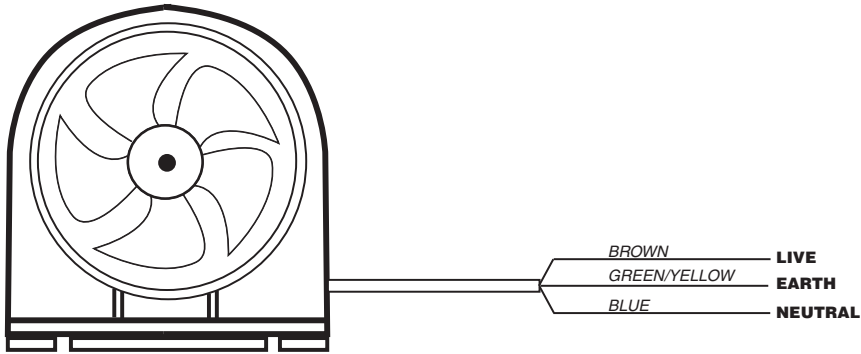
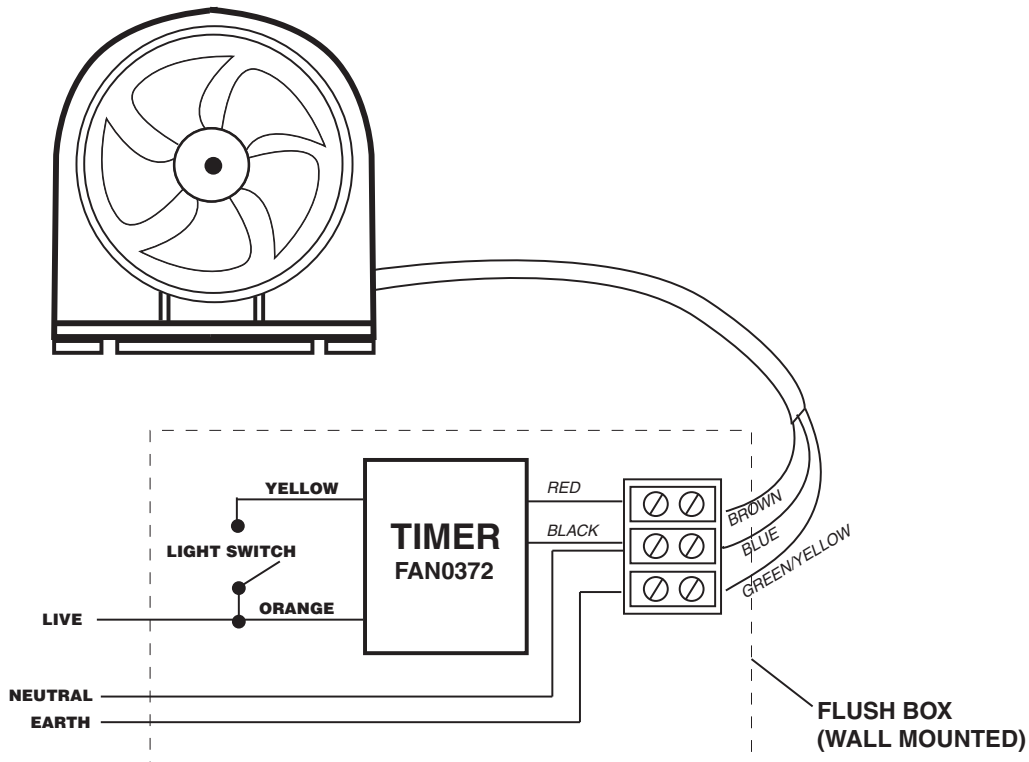


Diagram 2



9. Make the electrical connection as follows:

Wiring of Standard Model FAN0101 - SF150S (Diagram 1).

The fan can be connected to the light switch so that the fan will start when the light is switched on, or a dedicated fan switch (not supplied). 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 current Regulations. This system should be installed by a qualified electrician.

Wiring of Timer Model FAN0102 - SF150T (Diagram 2).

The fan can be connected to the light switch so that the fan will start when the light is switched on, or a dedicated fan switch (not supplied). 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 current Regulations. This system should be installed by a qualified electrician.

The timer mechanism supplied is a fixed timer which is installed in the flush box. This means that the fan will run on for approx 3-7 minutes after it has been switched off depending on how long the switch was on for. (see diagram 2 for wiring instructions, and also instructions included with FAN0372 timer).

Please Note:

There is a 45 second delay after switching the fan on until the motor starts, this is to prevent accidental triggering. This unit must be mains earthed.

Specifications

Motor:	All metal aluminium die cast with metal impeller, outer rotor, shaded pole motor
Voltage:	220-240 V ~ 50Hz
Wattage:	27W
Noise Level:	38dB(A)@3m
Maximum pressure:	120 Pa
Fan Performance: (zero pressure)	394m ³ /hr
IP Rating:	IPX2
Compliance:	AS/NZS60335-2.80:2004