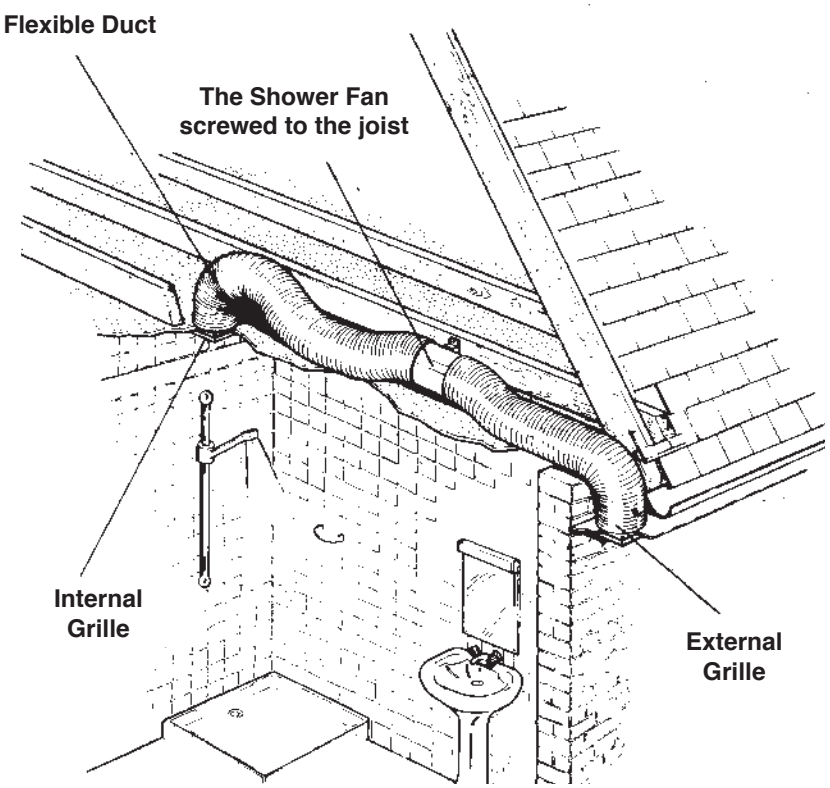


IMPORTANT

- 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.

5468

Simx

Manrose is proudly distributed by Simx Limited
PO Box 14 347, Panmure, Auckland, NZ. Technical Support (09) 259 1662
e: sales@simx.co.nz I www.simx.co.nz I www.manrose.com.au

PUB0140 iss:07 03/17

INSTALLATION INSTRUCTIONS MANROSE PRO-SERIES

PRO SERIES IN-LINE FAN SFLP150 MODELS

This Manrose Shower Fan is designed for ventilation within a shower cubicle. This high performance fan provides high levels of extraction and enables additional ducting to be added to this system.

Thank you for selecting our Manrose Pro Series 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 eggcrate fascia or a square low profile fascia to choose from for the interior grille.

2. The **interior grille** comes in two parts, the chassis (or spigot) and the fascia options. If using the gib-fixing clips option cut a 165mm hole in the ceiling directly over the shower head ensuring first that the area above is free from obstruction and between two joists. If not using the gib fixing clips option, cut a 155mm diameter hole.

3. If using the gib fixing clip option the white fastening wedge-type clips must be fitted onto the grille body – the closed end of the 'V' points towards the rear of the grille. Start the screw through the flange on the grille into the screw-hole in the clip with two or three turns. If the ceiling or wall lining is thicker than standard 12mm board it may be necessary to use longer screws than those supplied. When fitted, fasten the ducting onto the grilles using the tape supplied.

   Push the grille fully into the hole and then use a screwdriver to push the clips up into the hole. Once through the hole the clips will spring open and can then be tightened with the screw to pull back down onto the rear side of the lining. Tighten until firm only, do not over-tighten.

   Fit the chosen fascia onto the chassis. Note if using the round option, there are two lugs on the rear rim of the egg-crate insert which locate into corresponding slots in the black housing, adjacent to the ends of the bridge-piece in the housing. This ensures the egg-crate pattern is lined up with the bridge-piece correctly.

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. **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.**

5. For the **exterior grille** there is also a choice of options, either a weatherproof cowl or a fixed grille. Select a suitable position either in the soffit or on an outside wall for your chosen grille. Carefully remove the grille insert/cowl 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.

Diagram 1

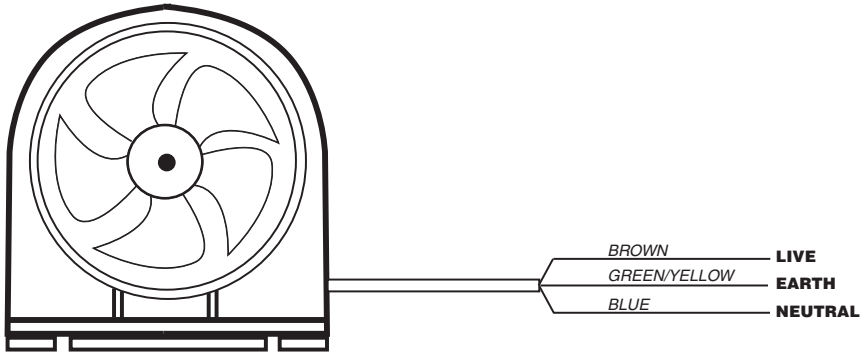
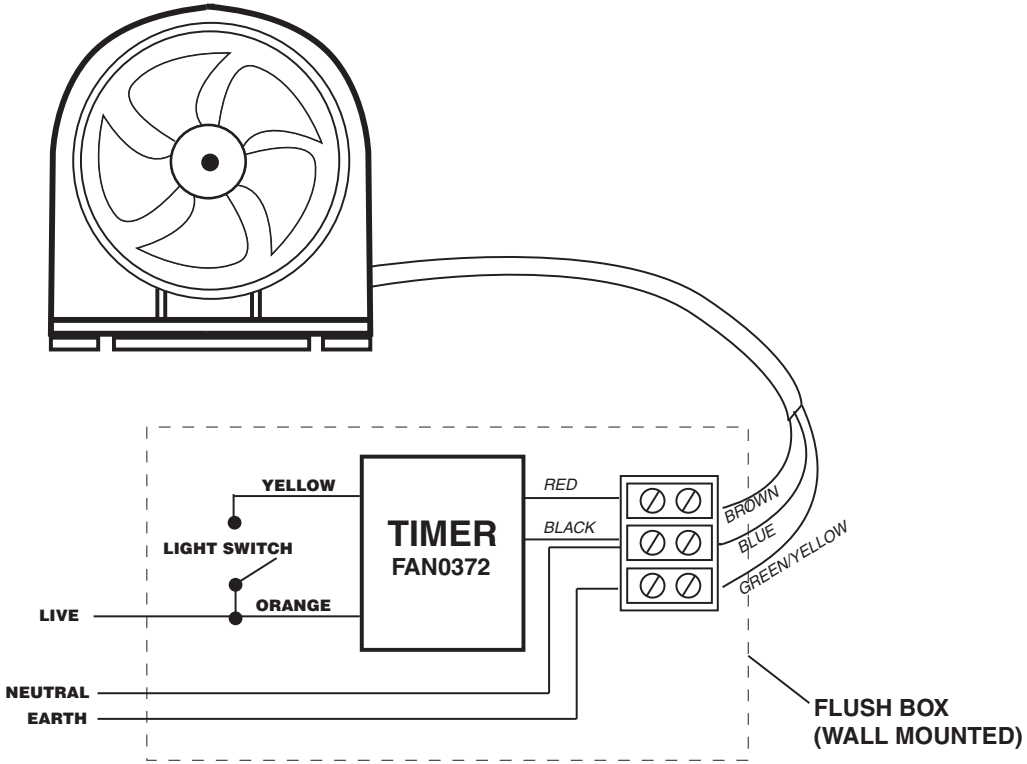


Diagram 2



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 chosen 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.

9. Make the electrical connection as follows:

Wiring of Standard Model FAN0618 - SFLP150S (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 1mm^2 in section. All wiring must comply with current Regulations. This system should be installed by a qualified electrician.

Wiring of Timer Model FAN0619 - SFLP150T (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 1mm^2 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	Fan Performance:	394m3/hr
Wattage:	27W	(zero pressure)	
Noise Level:	38dB(A)@3m	IP Rating:	IPX2
Maximum pressure:	120 Pa	Compliance:	AS/NZS60335-2.80:2004