quiet

# MANROSE quiet

QF100S
QF100P
QF100T
QF100H
QF100TP
QF100TH

## Please read these instructions before installation.

**Switch off mains supply before making any electrical connections, if you are in any doubt about the installation consult a qualified electrician.**
**This appliance may be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.**

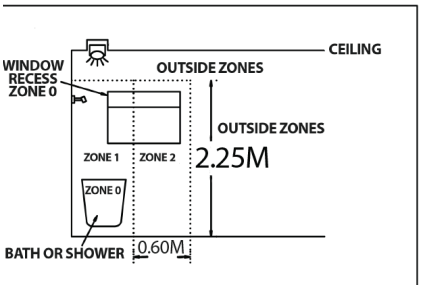
**Precautions must be taken to avoid the back-flow of gases into the room from the open flue of gas or other open-fire appliances when mounted in outside walls or windows.**

**Fan must be disconnected from electrical power before any maintenance or adjustment is carried out.**

### IMPORTANT NOTES:

(i) When installing a fan through an external wall, an external wall grille must be fitted at all times.
(ii) This fan must be installed by fixed wiring only. A flexible cord should not be used.
(iii) A double pole fused spur having a contact separation of at least 3mm in all poles **MUST** be used and fitted with a 3A fuse.
(iv) For best results this extractor fan should be fitted at least 1.8 metres from the floor or if prefered in the ceiling. Pullcord models are not suitable for installation in ceilings.
(v) Do not install the unit within a shower cubicle or anywhere else where there is a risk of being sprayed with water (see our range of shower fans). Fan must be installed in the zone appropriate to its IP rating (stated on the rating label) and level of circuit protection present. For further guidance please refer to the zone diagram.
(vi) Switch off mains supply before making electrical connections. All installations must be in accordance with building and wiring regulations, if in any doubt contact a qualified electrician.
(vii) This fan is double insulated and does not require an earth.

Zone diagram for locations with a bath or shower

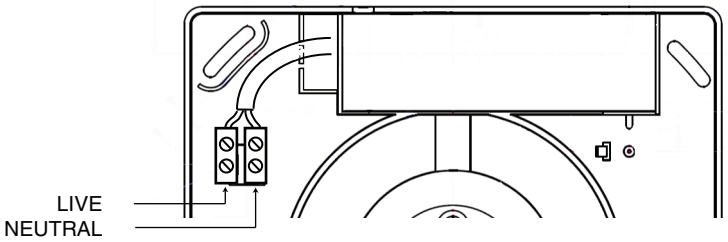



### INSTALLATION:

1. Cut a 112mm (4 1/2") hole in the wall. If the fan is to be fixed in the ceiling ensure that the hole is between the joists. Fit ducting flush to the plaster.
2. Remove the cover from the fan by removing the two small screw caps on the front cover and remove the two retaining Philips screws.
3. Hold the body of the fan against the wall or ceiling and mark the four screw holes and cable entry. IMPORTANT: Ensure the fan is square on the wall or ceiling.
4. Bring power cable into position. Leave 230mm (9") protruding to facilitate connection.

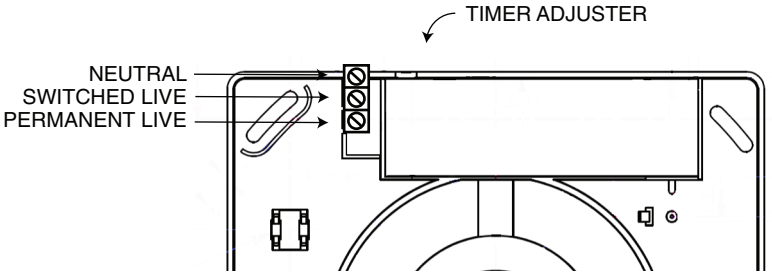
5. **Wiring of Standard Model.**
   Requires Live and Neutral power supply. Refer to internal wiring label for correct connection or see diagram 1 below. The fan can be either operated from a seperate pullcord switch fitted to the ceiling of the room or can be connected to the light switch so that the fan will start when the light is switched on.
6. **Wiring of Pullcord Models - This model is not suitable for ceiling fixing.**
   Requires Live and Neutral power supply. This fan has its own integral pullcord on/off switch, refer to internal wiring label for correct connection or see diagram 1 below.

Diagram 1
Standard &
Pullcord
Models

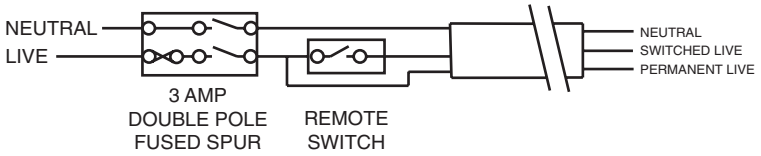



7. **Wiring of Timer Model.**
   Requires a Neutral, Switch Live and Permanent Live supply. Refer to internal wiring label or diagram 2 below instruction for correct connection. The fan can be either operated from a seperate pullcord switch fitted to the ceiling of the room or can be connected to the light switch so the fan will start when the light is switched on.

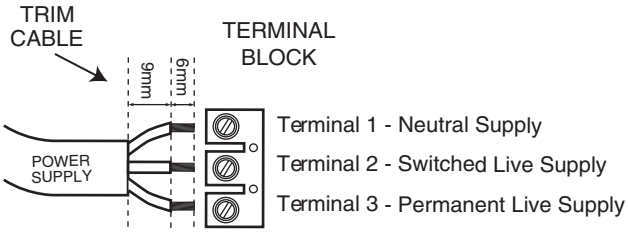
Diagram 2
Timer
Models



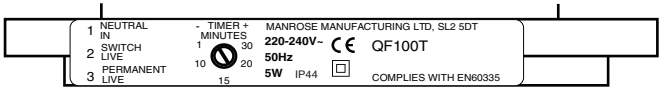

## Wiring for Remote Switching




## Wire Preparation for connection to Timer and Humidity fans



**Setting the RUN ON time:**
The length of time the fan continues to run after the Switched Live is turned off can be adjusted by the timer adjuster on the top of the fan.
**WARNING: ENSURE THE POWER TO THE FAN IS TURNED OFF BEFORE MAKING ADJUSTMENTS**
Insert a small flat blade screwdriver into the adjuster and rotate clockwise to reduce the run time or anti clockwise to increase it. Min approx 1 minute, Max approx 30 mins.

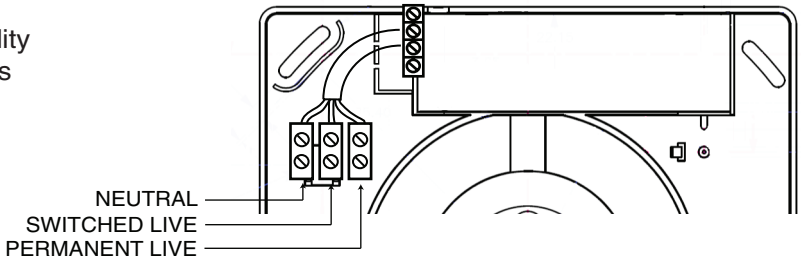




**8. Wiring of Humidity Model (Time Delay with Humidity Sensor Over-ride)**

This version of the fan can be utilised in two ways:

1. Humidity only sensing - Requires Live and Neutral. The fan will only switch on when it detects that the humidity level in the room is higher than the set level, it will run until the humidity level has dropped below the set level and stop. For the fan to operate in this way connect the Live and Neutral as Diagram 1 - Standard and Pullcord models.
2. Humidity sensing with manual activation - Requires Neutral, Switched Live and Permanent Live. Not only will the fan activate when it detects the humidity level in the room has risen above the set level, it can be manually switched on using the Switched Live. The Switched Live can be connected to either a remote switch such as a ceiling mounted pullcord switch or to the lighting circuit so the fan is switched on when the lights are switched on.

Wiring Humidity Models




9. **Wiring of Humidity Pullcord Model ( Humidity Sensor with Pullcord Over-ride)**

Requires Live and Neutral. The fan will switch on when it detects that humidity levels in the room are above the set level and continue to run until it detects humidity levels have dropped below the set level when it will switch off. It can also be manually switched on by pulling the pullcord string to turn it on and pulling the pullcord string again to start the turn off sequence, it will continue to run for the time set by the timer adjuster then it will switch off.

**Setting RUN ON time and Humidity set Level:**
The run on time is how long the fan continues to run for after the pullcord or remote switch is turned off. To reduce the time turn the adjuster anti-clockwise (min approx 1 min) to increase it, turn the adjuster clockwise (max approx 40 mins). The humidity set level is the amount of humidity present before the fan will switch on. To raise the level before switching turn the adjuster clockwise, to lower the level turn the adjuster anti-clockwise.