5722

Humidity Bathroom Fan

TECHNICAL SPECIFICATIONS
(Please write any information below)

5722

INSTALLATION INSTRUCTIONS FOR THE 100mm 4" RANGE OF HUMIDITY FANS.

(PULLCORD MODEL IS NOT SUITABLE FOR CEILING FIXING)

NOTE:

(i) For best results this Extractor Fan should be fitted as high on the wall as possible, or if preferred, on the ceiling. (Pullcord models are not suitable for ceiling fixing.)

(ii) Do not install the unit within a shower cubicle. Use our shower fan models.

(iii) Switch off mains supply before making electrical connections. If in any doubt contact a qualified electrician.

(iv) This fan is double insulated and does not require an earth.

1. Cut a 112mm (4 1/2") min. diameter hole in the wall. If the fan is to be fixed in the ceiling ensure that the hole is between the joists.
N.B. Fan to be fitted minimum 1.8 metres from floor.

2. Fit 100mm/4" (internal diameter) ducting flush to the plaster.

3. Remove the cover from the fan by removing the two small screw caps on the front cover and remove the two retaining Philips screws.

4. Hold the body of the fan against the wall or ceiling and mark the four screw holes and the cable entry.
IMPORTANT: Ensure that the fan is square on wall or ceiling.

5. Bring power cable into position, as marked. Allow an extra 230mm (9") protruding to facilitate connection.

6. **Electrical Connections: Humidity Model**
For this fan to operate as a normal unit with Humidity Override, i.e. when connected to a Switched Live Supply coming from the switch into the fan, the fan will operate when the switch is switched on and will switch off when the switch is switched off. However, should the humidity rise above the pre-set level the fan will switch on and continue to run until the humidity falls 5% below the pre-set level. In some cases, in a new house for example, the fan will continue to run for extended periods as the humidity will be high.
It is, therefore, advisable that in normal situations the Fan is pre-set at between 70% and 80% RH. In exceptional circumstances e.g., very humid days in the Summer, the fan may well switch on at 80%. This is not unusual and a higher setting may be preferable. This can be adjusted by turning the adjuster knob as indicated.

7. **Electrical Connection: Humidity Model with Pullcord**
This fan requires a permanent live and permanent neutral supply. A double pole fused spur having a contact separation of at least 3mm in all poles must be used and fitted with a 3 amp fuse. The humidity setting is adjustable by turning the adjuster knob as indicated. It has its own integral pullcord on/off override switch.

8. **Electrical Connections: Humidity Model with Timer**
Electrical connections to be shown as in Diagram C. This fan will operate as the standard humidity unit except when the fan has been switched off from a remote switch. The timer circuit inside the fan will keep running for the pre-set period of time (adjustment from 30 seconds to 20 minutes).

However, should the Humidity be higher than the pre-set level, the fan will continue to run until the humidity level falls 5% below the pre-set level.

In some cases, in a new house for example, the fan will continue to run for extended periods as the humidity will be high.

Timer adjustment
The fan is fitted with an electronic time delay switch which will run approximately one minute after it has been switched off. The time delay can be increased by firstly switching off the power to the fan. Remove the front cover and the inner timer cover. Insert a small screwdriver into the slot, as shown in Diagram D. Turning clockwise reduces the time and turning anti-clockwise increases the time. **Only adjust with the power switched off.**

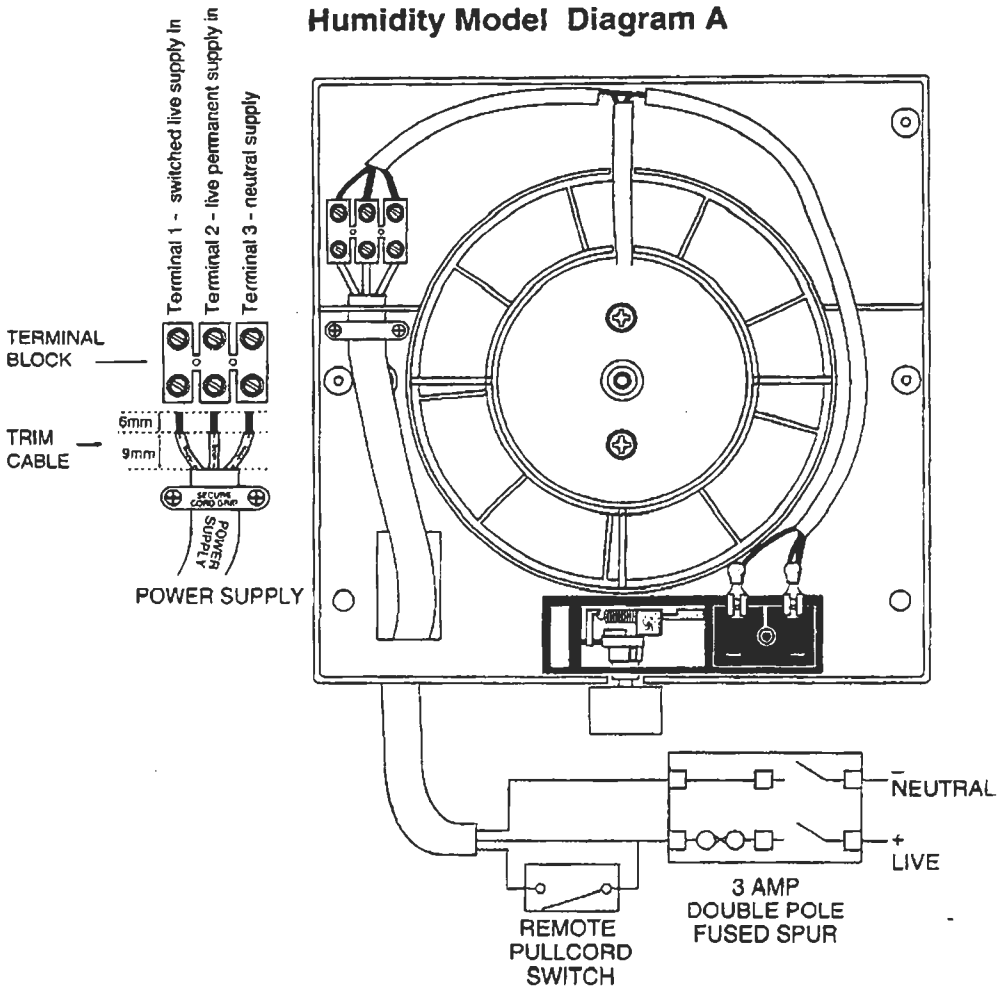
NOTE:

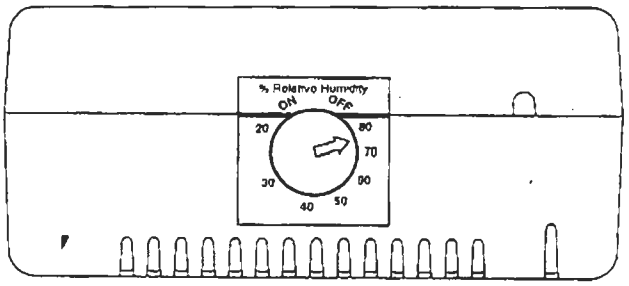
All wiring must be fixed securely and the cable to the fan should be a minimum of 1mm² in section. All wiring must comply with current I.E.E. Regulations.
A double pole fused spur having a contact separation of at least 3mm in all poles must be used and fitted with a 3 amp fuse, and must be sited outside any room containing a shower or fixed bath. The fan must not be accessible to a person using either the shower or bath. Fan to be fitted a minimum of 1.8 metres from floor. When fitting through an external wall, an external grille must be fitted at all times.

Ratings: 220-240V ~ 50Hz 20W

CE

Humidity Model Diagram A

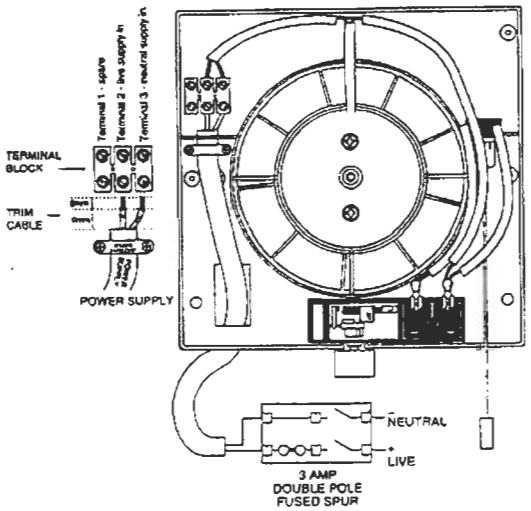




Adjuster details viewed from below

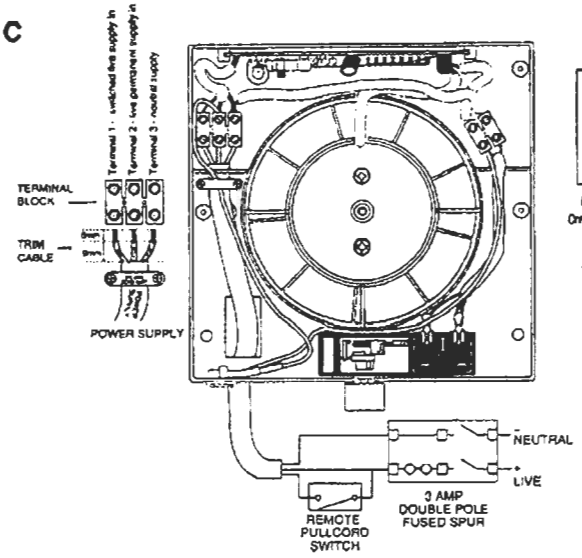
Humidity Model with Pullcord

Diagram B



Humidity Model with Timer

Diagram C



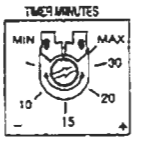


Diagram D

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