

Installation Instruction for the AVX100 Range of bathroom/toilet extractor fans

AVX100P 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.
(ii) Do not install the unit within a shower cubicle. Use our shower fans Model No's AVX100IDS/AVX100IDT.
(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.
(v) When installing fan through an external wall, an external wall grille must be fitted at all times.
- 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.
NB 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 **Wiring of Standard Model AVX100S.** See Diagram 1.

The fan can either be operated from a separate 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. A double pole fused spur having a contact separation of at least 3mm in all poles must be used and fitted with a 3amp fuse. The fused spur should be sited outside any room containing a shower or fixed bath. 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 I.E.E. Regulations. If in any doubt contact a qualified electrician.

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7. Wiring of Pullcord Model AVX100P. See Diagram 2

This model is not suitable for ceiling fixing.

This fan has its own integral pullcord on/off switch. The cable from the fan must be connected to a double pole fused spur having a contact separation of at least 3mm in all poles must be used and fitted with a 3amp fuse, and should be sited outside any room containing a shower or fixed 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 I.E.E. Regulations. If in any doubt contact a qualified electrician.*

8. Wiring of Timer Model AVX100T. See Diagram 3.

The fan can either be operated from a separate 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. 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 should be sited outside any room containing a shower or fixed 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 I.E.E. Regulations. If in any doubt contact a qualified electrician.*


Timer Adjustment AVX100T

An AVX100T fan with a time delay will run approximately one minute after it has been switched off. This time delay can be increased by firstly switching off the power to the fan, remove the cover and the timer cover as detailed in diagram 3A. Insert a small screwdriver into the slot, marked **↑** in Diagram 3A, and turn clockwise to reduce the time and anti-clockwise to increase the time. Only adjust with power switched off.

The minimum time the timer will run for is 20 seconds and the maximum is about 20 minutes.

NB: *Timer delay is adjustable as indicated on the timer strip cover.*

T. Max 40°C

Rated 220-240V ~50Hz 20W 

Airflow: max 75m³ per hour, 21 litres per second.

Important: Switch off mains supply before making any electrical connections.

If in any doubt contact a qualified electrician

Fan to be fitted a minimum 1.8 metres from floor.

Diagram 1

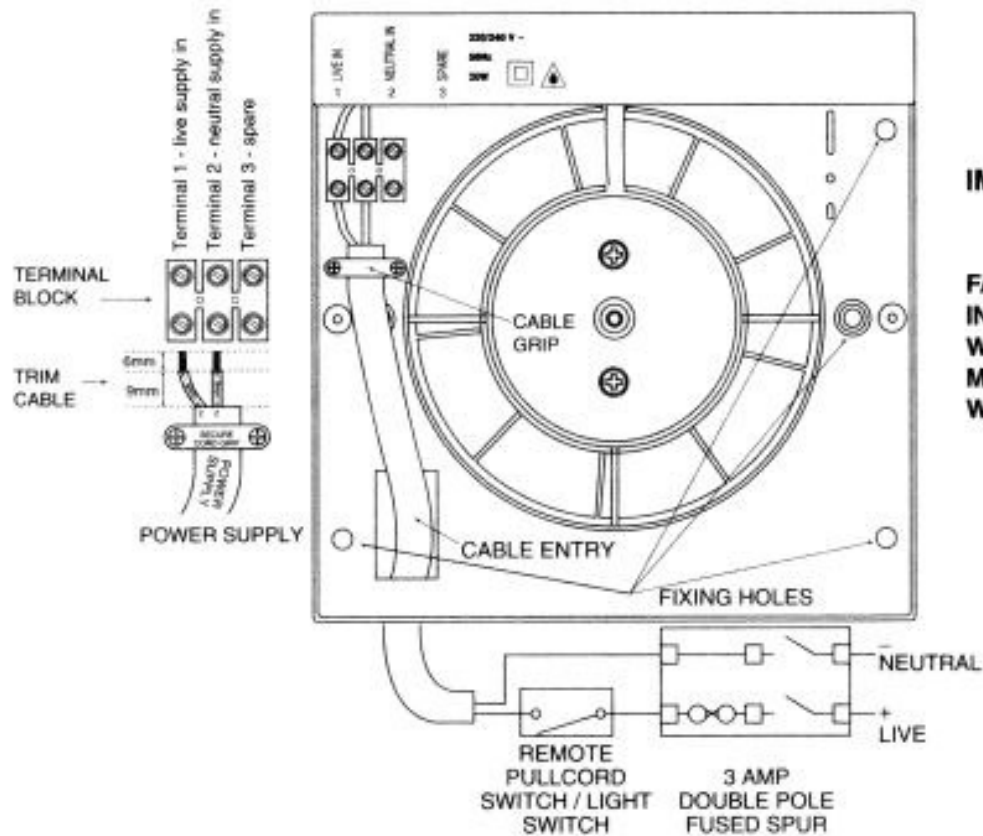


Diagram 2 *Unsuitable for ceiling fixing.*

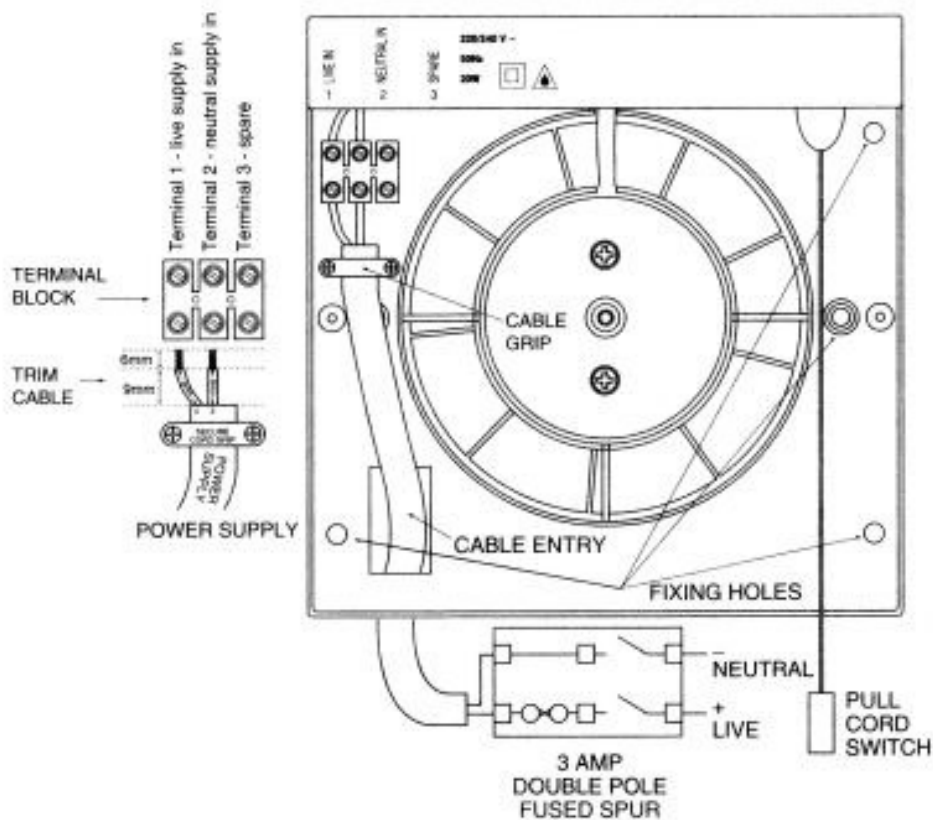
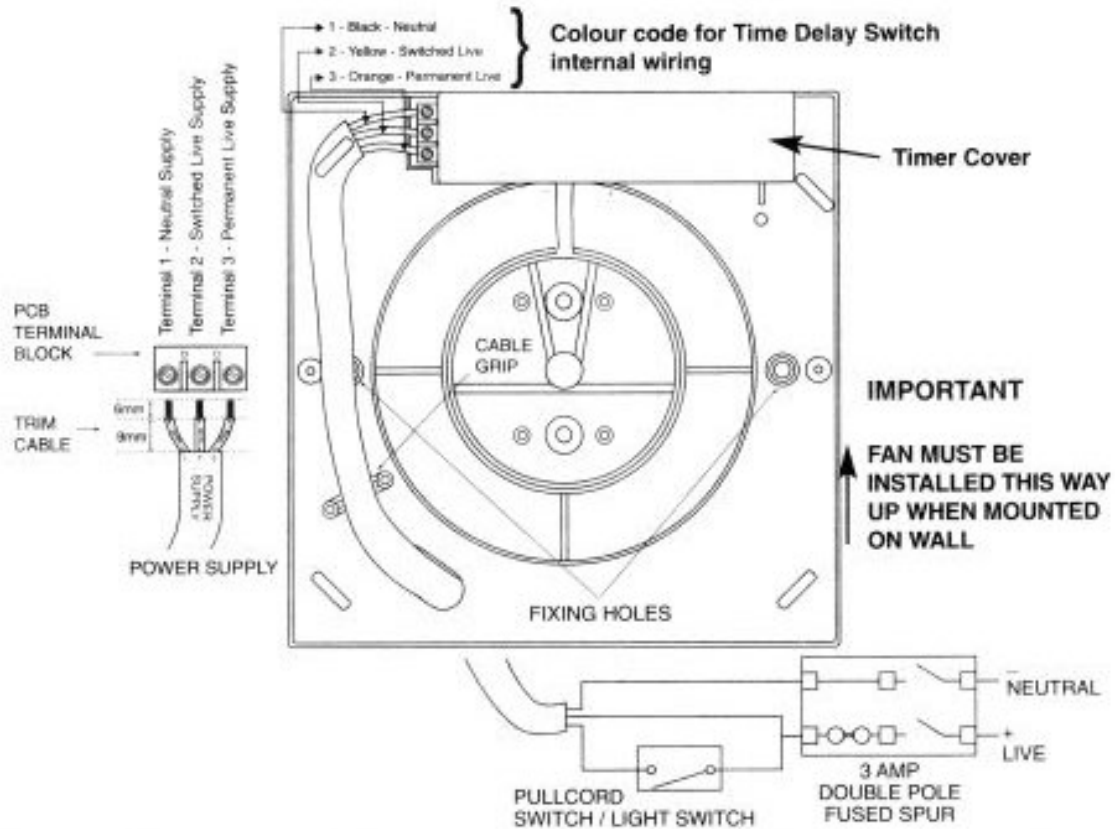
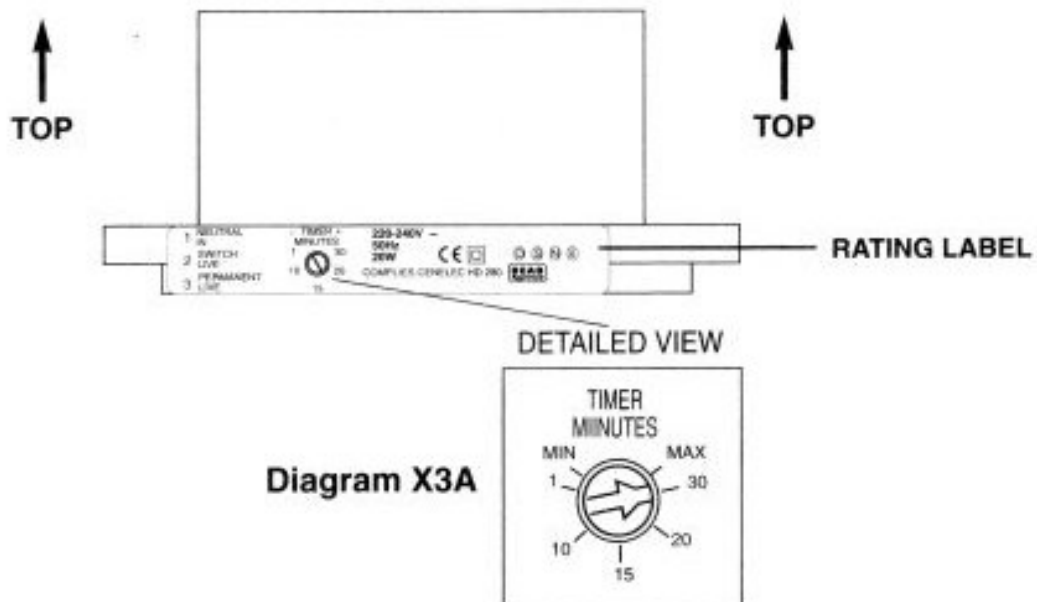


Diagram 3**FRONT VIEW****Diagram 3A****TOP VIEW****Diagram X3A**