

INSTALLATION INSTRUCTIONS FOR THE SAFETY ISOLATING TRANSFORMERS

The Safety Extra Low Voltage Transformer can be mounted in the loft area or high on the wall or ceiling next to the pullcord light switch away from the bath or shower and designed to power 12V Low Voltage fans installed in the splash area of the bath or shower.

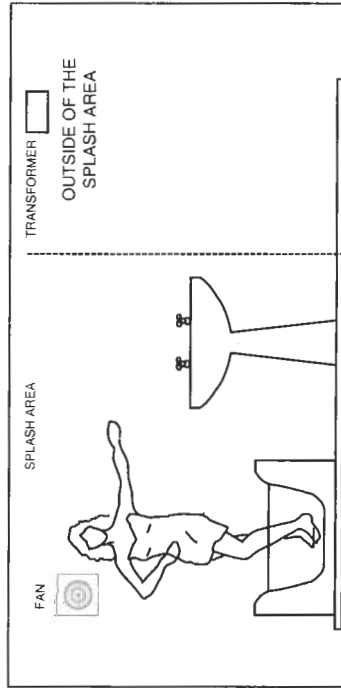
Comes complete with pattress but can be flush wall mounted. (Protrusion 25mm).

All models fitted with neon light.

Input 240V ~ 50HZ Output 12V ~ AC 50Hz 35VA S.E.L.V.

CAUTION While a 12V fan may be fitted anywhere in the splash area of a bath or shower the transformer **MUST** be mounted at least 2m from a bath or shower and as high on the wall as possible as in diagram 1.

Diagram 1

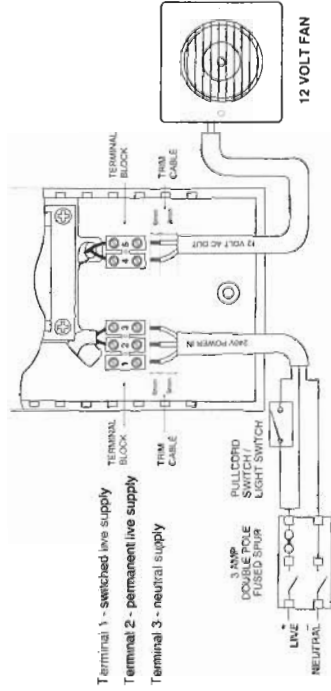


WIRING INSTRUCTIONS

Timer unit which is operated by a remote pullcord switch or light switch.

Transformer Timer model incorporating integral adjustable electronic timer (adjustable 1-40 mins). For remote switching.

Diagram 2. Rear of Transformer with pattress removed.



After checking that all wiring is secure, fit the transformer on the pattress.

Special features

This transformer has a timer fitted and the time delay can be adjusted by turning the adjuster on the front cover to the required time delay, as indicated.

Ideal settings are:- Timer set to about 10mins

NOTE:

All wiring must be fixed securely and the cable to the fan should be a minimum of 1.5mm² 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.

ELECTRICAL - TRANSFORMER

Input 220 - 240V ~ 50 Hz. IP20. Output to fan 12 Volt AC 50 Hz 35VA S.E.L.V. IP57. The transformer must be mounted out of reach of the person using the bath or shower. The fan and transformer are double insulated and do not require an earth, and must be connected to the supply through a suitable double pole isolating switch with a minimum contact gap of 3mm on fixed wiring circuits. The protective fuse must not exceed 3A, if in doubt contact a qualified electrician.

12 VOLT SAFETY EXTRA LOW VOLTAGE EXTRACTOR FAN KIT AND TRANSFORMER INSTRUCTIONS

4"/100mm 12 VOLT FAN KIT AND TRANSFORMER

Fans can be wall or ceiling mounted.

All fans are of the standard type but are manufactured with 12V ~ 50 Hz shaded pole motors. The unique feature of this product is that the transformer and switching mechanism is mounted remotely either in the roof space or high on the wall next to the pulicord light switch but must be mounted out of reach of the person using the bath or shower.

CAUTION These fans must **NOT** be directly connected to a mains supply. Only use the transformer input 220 ~ 240V 50Hz Output 12 volt 35VA S.E.L.V.

For best results the extractor fan should be fitted as high on the wall as possible or if preferred on the ceiling.

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.
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 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. Connect the cable from the fan to the transformer which must be fitted at least 2m away from a fixed bath or shower cubicle.

NOTE: All wiring must be fixed securely and the cable to the fan must be a minimum of 1.5mm² in section. All wiring must comply with current IEE Regulations. If in any doubt contact a qualified electrician.

Electrical - Fan

12 Volts AC ~ 50 Hz. 20W IP57.

Supplied by a remote safety isolating transformer.

SCREWFIX
DIRECT

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