

Diagram 1

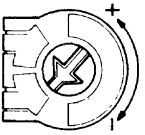


Diagram 3 Typical installation

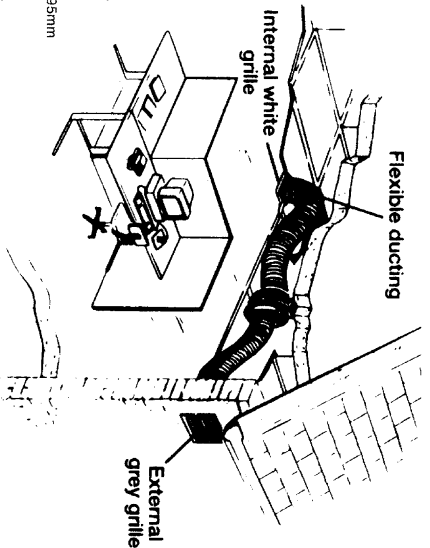
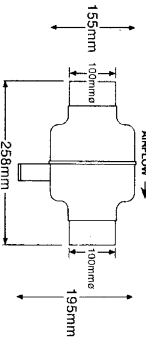


Diagram 2

Dimensions of AVC 110




The AVC 110 IDT fitted with the time delay ceases operation approximately 1 minute after it is switched off. This time delay can be increased by firstly switching off the power to the fan, removing the cover on the bracket and inserting a small screwdriver into the slot shown in Diagram 1, and turning clockwise to reduce the time or anti-clockwise to increase the time. **Only Adjust with power supply switched off.**

Important: Switch off mains supply when making any electrical connections

Note: This unit is double insulated and therefore does not require an earth. The time delay is pre-set for approximately 1 minute and can be adjusted as described in the above paragraph. Try to keep the ducting as straight as possible and wherever possible keep the distance between the ceiling grille and the external softie or wall as short as possible as the shorter the length of the ducting the better the performance of the fan.

Electrical

Rated: 220-240V ~50Hz 45W 

Airflow maximum 110m³ per hour/31 litres per second.

Maximum operating temperature 40°C.



Installation Instructions for the AVC 110 IDS/IDT Range 100mm (4") Centrifugal In Line Fans

The AVC 110 IDS and AVC 110 IDT can be fitted anywhere into the ducting system and installed in the vertical or horizontal position. It has normal bore inlets and outlets of 100mm, and is compatible with standard soil pipe.

Wiring of AVC 110 IDS (Standard model)

The fan can either be operated from a separate pullcord switch fitted to the ceiling 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 must be situated outside any room containing a shower or fixed bath. The fan must not be accessible to any person using either the shower or bath.

Terminal Connections

- Terminal 1 - Black Permanent Supply
- Terminal 2 - Black Neutral Supply

Wiring of AVC 110 IDT (Timer model)

The fan can either be operated from a separate pullcord switch fitted to the ceiling 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 must be situated outside any room containing a shower or fixed bath. The fan must not be accessible to any person using either the shower or bath.

Note: All wiring must be fitted securely and the cable to the fan should be a minimum of 1mm in section. All wiring must comply with the current IEE regulations. If in doubt consult a qualified electrician.

Terminal Connections

- Terminal 1 - Black Neutral IN
- Terminal 2 - Yellow Switch Live
- Terminal 3 - Orange Permanent Live



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