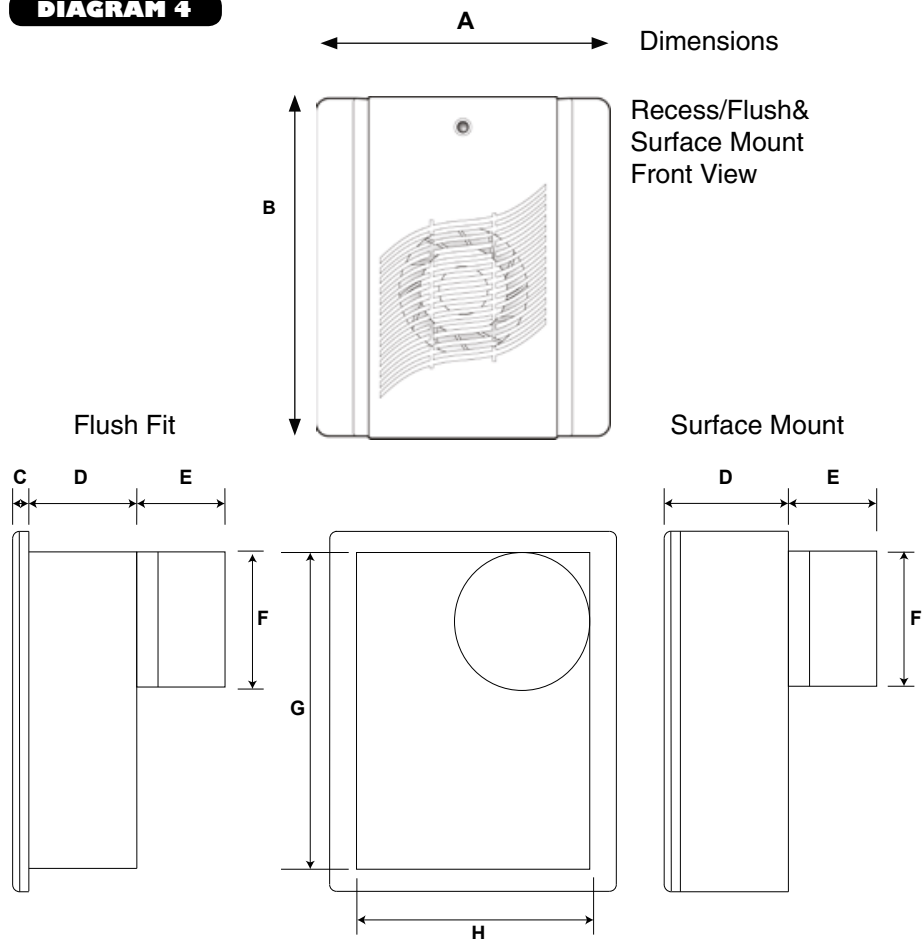


DIAGRAM 4



	A	B	C	D	E	F	G	H
SURFACE MOUNT	208	255	N/A	87	63	98	N/A	N/A
FLUSH MOUNT	208	255	19	68	63	98	225	178



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Installation Instructions for the **AVC090QETBLV** CENTRIFUGAL EXTRACTOR FAN - 12VDC

Switch off mains supply before making any electrical connections.

Installation must be supervised by a qualified electrician.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory and mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the 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 windows or walls.

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

Location

1. When installing fan through an external wall, an external wall grille must be fitted at all times.
2. For best results this Extractor Fan should be fitted as high on the wall as possible, or if preferred, on the ceiling. Note: Pullcord models should not be installed in a ceiling.
3. Do not install the unit within a shower cubicle or anywhere else where there is a risk of being sprayed with water (Please see our range of showerfans for these installations.).
4. If the fan is installed in a room containing a fuel burning appliance, the installer must ensure that the air replacement is adequate for both the fan and the fuel burning appliance.

Wiring

1. Switch off mains supply before making electrical connections. If in any doubt contact a qualified electrician.
2. These units are for fixed wiring only. A flexible cord must not be used. 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 or local regulations if outside the UK.
3. A double pole fused spur having contact separation of at least 3mm in all pole must be used and fitted with a 3A fuse.
4. This fan is double insulated and does not require an earth connection.
5. The fan should not be accessible to a person using either the shower or the bath.



SURFACE FITTING

Select a suitable position for the fan and cut the 112mm diameter hole for the discharge duct.

1. Mark the position on the wall for the 255mm high x 205mm wide surface mounted box, hold in position and mark the four fixing holes. Care must be taken to ensure the discharge hole is the correct orientation to suit the fan when fitted.
2. Drill and plug the four fixing holes and screw the surface mount box to the wall (care must be taken not to over tighten the screws).
3. Bring the power cable into position and ensure that you allow extra cable protruding to facilitate connection.
4. Remove the front cover of the fan by first removing the cover fascia (one screw located at the top behind the green hole plug – remove this by gently prying it out with a fine tipped screwdriver) and then removing the fixing screw located at the bottom, the cover then clips off. The chassis is fixed to the surface mount box by four screws. See diagram 2 for wiring connections.

RECESSED/FLUSH FITTING

Select a suitable position for the fan and cut a hole to suit the outlet and a recess to suit the body of the fan.

1. Vertical Discharge (Usually in the stud work internal walls) 225mm high x 180mm wide x 120mm deep
 2. Horizontal Discharge (Usually cavity external walls) 225mm high x 180mm wide x 75mm deep.
 3. Position of Discharge hole Care must be taken to ensure the 112mm discharge spigot is the correct orientation to suit the recess. Always check studwork walls to ensure the hole and recess are between vertical timber studs
- Bring the power cable into position and ensure that you allow extra cable protruding to facilitate connection.
 - Hold the chassis in the recess and mark the position of the fixing holes. Drill and plug the four fixing holes and screw the chassis into position.
 - Refer to Diagram 1 & 2 for wiring connections.

ADJUSTING THE FANS SETTINGS



Switch off Mains Supply to the Controller

Remove outer cover panel by removing the green hole plug in the cover, undo the screw, remove cover by unhooking it, undo the inner cover screw and remove the inner cover. The smaller Printed Circuit Board has the adjusters on it - see diagram 2 below.

Boost Speed - High or Low - Activated by the Pullcord Switch, Switched Live or Humidity Slide the top switch to the left for High Speed, to the right for Low Speed.

Humidity Set Point - This will boost the fan from constant trickle to the selected boost speed. Using a small screwdriver gently rotate the lower adjuster wheel anti clockwise to lower the humidity level that will make the fan switch from trickle to boost speed, clockwise to raise the level.

Run On Time - This sets the length of time that the fan will continue to run on boost after the Pullcord / Switched Live or Humidity activation is switched off. Using a small screwdriver gently rotate the upper adjuster wheel anti clockwise to reduce the time and clockwise to increase the time.

Green LED - The Green LED will remain on, while either the: Pullcord Switch or Switched Live are turned on or Humidity Set Level is exceeded. When these are turned off the LED will turn off, the fan will continue to run on boost until the run on time limit is reached.

DIAGRAM 2

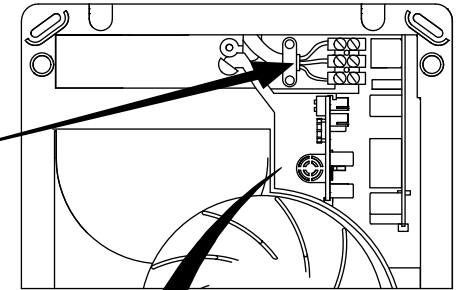
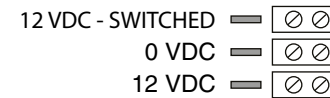


DIAGRAM 3

Adjusting the fan's settings

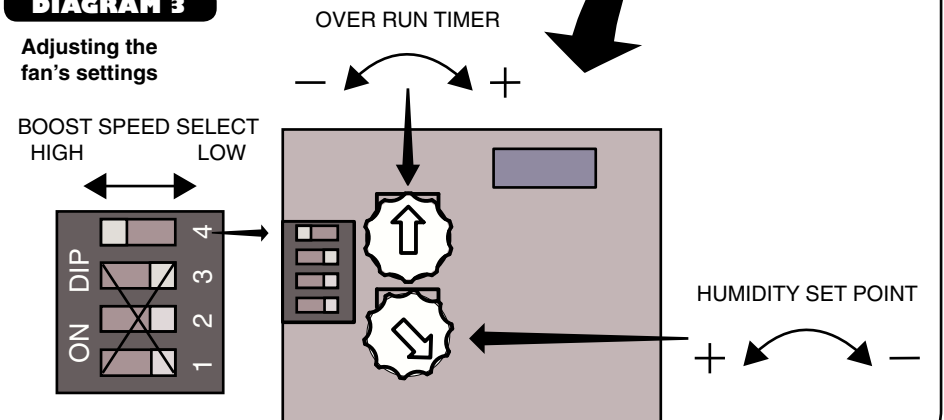


DIAGRAM 1

