AVC075S, AVC075P, AVC075T, AVC075H, AVC075HP CENTRIFUGAL EXTRACTOR FANS INSTALLATION INTRUCTIONS FOR THE RANGE OF

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
- (iv) This fan is double insulated and does not require an (iii) Switch off mains supply before making electrical connections. If in any doubt contact a qualified electrician.
- contact a qualified electrician. comply with current I.E.E. Regulations. If in any doubt should be a minimum of 1mm2 in section. All wiring must (iiv) All wiring must be fixed securely and the cable to the fan

1. SURFACE FITTING

- diameter hole for the discharge duct. Select a suitable position for the fan and cut the 112mm
- 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.
- box to the wall (care must be taken not to over tighten the Drill and plug the four fixing holes and screw the surface mount
- extra protruding to facilitate connection. Bring the power cable into position and ensure that you allow
- fascia (one screw located at the top) 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 4 screws. Remove the front cover of the fan by first removing the cover

Refer to seperate wiring details for connection.

2. 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.
- (i) Vertical Discharge (Usually in the stud work internal walls) 225mm high x 180mm wide x 120mm deep.
- 225mm high x 180mm wide x 75mm deep. (ii) Horizontal Discharge (Usually cavity external walls) 1

(iii) Position of Discharge hole Care must be taken o ensure the 112mm dia discharge hole is correct orientation to suit the recess. Always check studwork walls to ensure the hole and recess is between vertical timber studs

- Bring the power cable into position and ensure that you allow extra protruding to facilitate connection.
- into position 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

Refer to seperate wiring details for connections.

3.General Wiring - Diagram 5

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 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 the bath

 Wiring of Standard Model
 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. Requires a permanent live and neutral supply.

Wiring of Pullcord Model
This fan has its own integral pullcord on/off switch. Requires a permanent live and neutral supply

3. Wiring of Timer Model - Diagram 3

supply on. Requires a permanent live, switch live and and neutral 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 The fan can either be operated from a separate pullcord switch

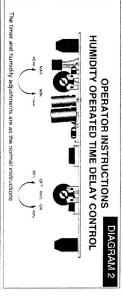
4 Wiring of Humidity Model - Diagram 2

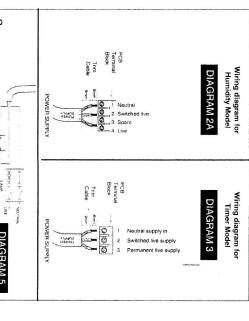
Requires a permanent live, switch live and and neutral supply. 2 keep running until the humidity has been reduced to a normal level, about 65%. (Humidity sensor is adjustable.) Diagram 2a run or the bath filled with hot water, the fan will switch on and in the room reach about 75%, which will happen if the shower is switched on, and switch off after about 20 seconds to 20 minutes (timer is pre-set for the minimum). However, should the humidity the light switch into the fan, the fan will operate when the light is override i.e. when connected with a switched live coming from For the fan to operate as a normal time delay unit with humidity

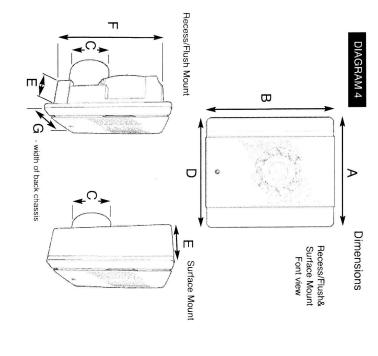
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DIAGRAM 5

5. Wiring of Humidity Pullcord Model - Diagram 5 This model is as the humidity model but with its own pullcord switch and neon light power indicator and should be installed as model the Hequires a permanent live and neutral supply. pullcord model and does not require a switched live power supply.







Rey to dimensions / mm B C D E F G 255 100\$\(^0\) 127 69 N/A N/A 255 100\$\(^0\) 127 69 225 176
2 > 1

To adjust humidity and timer remove front cover and the timer cover HUMIDITY ADJUSTMENT



TIMER CONTROL ADJUSTMENT

- Turn anti-clockwise to reduce time setting. Minimum time is 30 seconds.
- Turn clockwise to increase time setting. Maximum time is 30 mins.

 Turn anti-clockwise to increase sensitivity e.g. fan will stay on most of time (45-50%Rh) HUMIDITY SENSOR ADJUSTMENT

TIMER ADJUSTMENT



The 100 fan with a time delay fitted 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 front cover and the time rover as detailed. Insert a small screwdriver into the slot marked (). Turn clockwise to reduce the time and anti-clockwise to increase the time. (For CF100 range adjust by turning thumb wheel). Only adjust with power switched off.

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

remove grime and dust, care must be taken not to make the electrical connections wet when cleaning.

he fan blade and inside of the chassis can be wiped in position to

mains power supply, if in doubt contact a qualified electrician.

When carrying out any maintenance on the fan always isolate the

MPORTANT USER MAINTENANCE NOTES

The fascia of the fan can be removed and cleaned with a damp

Turn clockwise to reduce sensitivity e.g. fan will not switch on until humidity is very high (90-100%Rh)

MPORTANT USER WARNING NOTES

Switch off mains supply before making any electrical connections. nstallation must be supervised by a qualified electrician.

person responsible for their safety. lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a :hildren) with reduced physical, sensory or mental capabilities, or his appliance is not intended for use by persons (including

Children should be supervised to ensure that they do not play with he appliance.

room from the open flue of gas or other open-fire appliances when mounted in outside windows or walls. Precautions must be taken to avoid the back-flow of gases into the

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