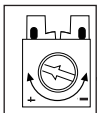


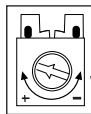
HUMIDITY ADJUSTMENT

To adjust humidity and timer - remove front cover by gently prising out the red hole plug in the front cover to reveal securing screw, remove outer cover and the timer cover



TIMER CONTROL ADJUSTMENT

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




HUMIDITY SENSOR ADJUSTMENT

- 1) Turn anti-clockwise to increase sensitivity e.g. fan will stay on most of time (45-50%Rh)
- 2) Turn clockwise to reduce sensitivity e.g. fan will not switch on until humidity is very high (90-100%Rh)

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 timer cover 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.**

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

REMOVING THE FRONT COVER

Switch off mains supply before working on fan.

Gently prise out the RED plug in the center of the front fascia with a small screwdriver to reveal the fascia retaining screw. Undo screw and unhook fascia from retaining pins. Under the fascia is the cover retaining screw.

IMPORTANT USER MAINTENANCE NOTES

When carrying out any maintenance on the fan always isolate the mains power supply, if in doubt contact a qualified electrician.

The fascia of the fan can be removed by gently prying out the Red/White hole plug with a small fine tipped screwdriver and undoing the fixing screw beneath. Then cleaned with a damp cloth.

The fan blade and inside of the chassis can be wiped in position to remove grime and dust, care must be taken not to make the electrical connections wet when cleaning.

IMPORTANT USER WARNING NOTES

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

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

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

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.

INSTALLATION INSTRUCTIONS FOR THE CENTRIFUGAL EXTRACTOR FAN RANGE

- 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.
 - (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.
 - (iv) 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.

1. SURFACE FITTING

- Select a suitable position for the fan and cut the 112mm diameter hole for the discharge duct.
 - 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.
 - 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).
 - Bring the power cable into position and ensure that you allow extra protruding to facilitate connection.
 - Remove the front cover of the fan by first removing the cover fascia (one screw located at the top behind the red/white hole plug – remove this by gently prying it out with a fine tipped screwdriver) and removing 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.
- Refer to separate 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.
 - (ii) **Horizontal Discharge (Usually cavity external walls)** 225mm high x 180mm wide x 75mm deep.

(iii) Position of Discharge hole Care must be taken to ensure the 112mm dial 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.
- 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 separate wiring details for connections.

General Wiring - Diagram 3

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.

1. 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.

2. 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 2

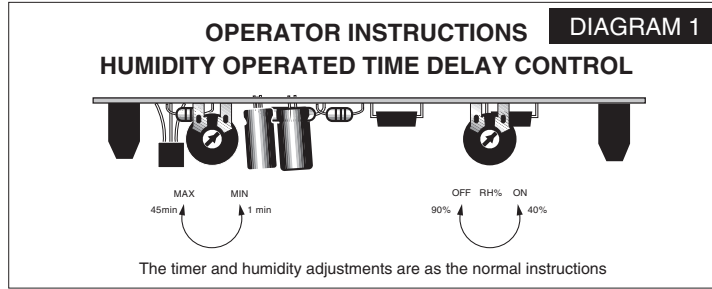
The fan can either be operated from a separate pullcord switch fitted to the ceiling of the room or can be connected to the light switch so that the fan will start when the light is switched on. Requires a permanent live, switch live and neutral supply.

4. Wiring of Humidity Model - Diagram 2

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

5. Wiring of Humidity Pullcord Model - Diagram 3

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 pullcord model and does not require a switched live power supply. Requires a permanent live and neutral supply.



Wiring diagram for
Timer Model/Humidity Model

DIAGRAM 2

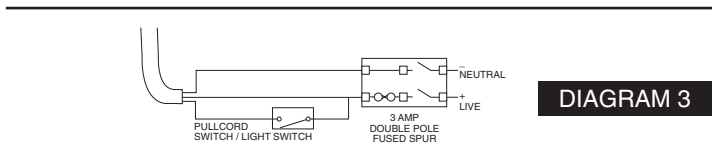
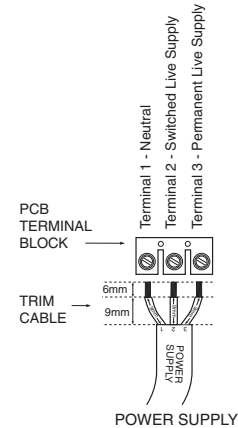
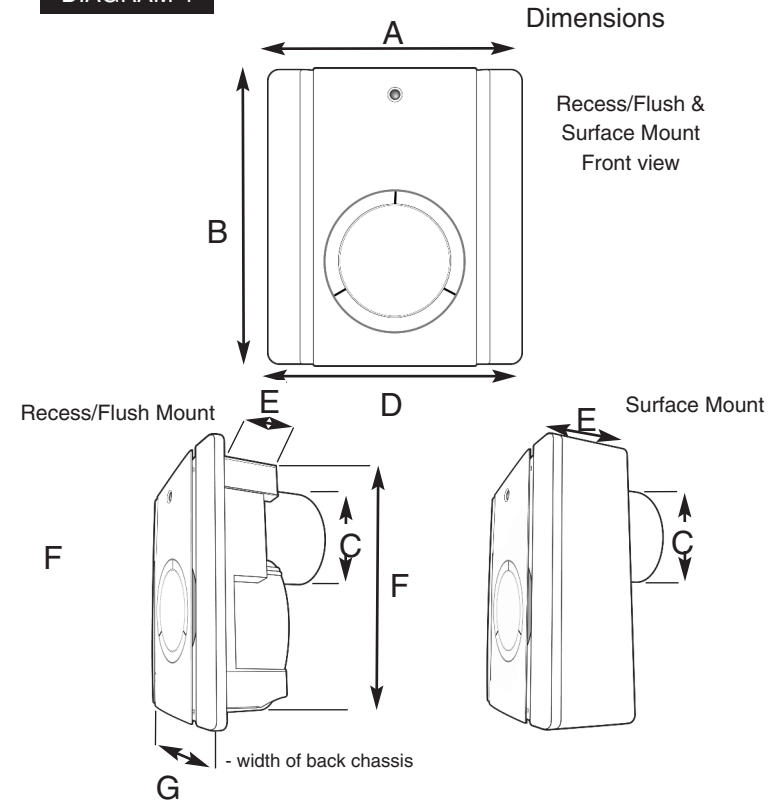


DIAGRAM 3

DIAGRAM 4



Key to dimensions / mm							
	A	B	C	D	E	F	G
SURFACE MOUNT	208	255	100 ^Ø	127	69	N/A	N/A
FLUSH MOUNT	208	255	100 ^Ø	127	69	225	176