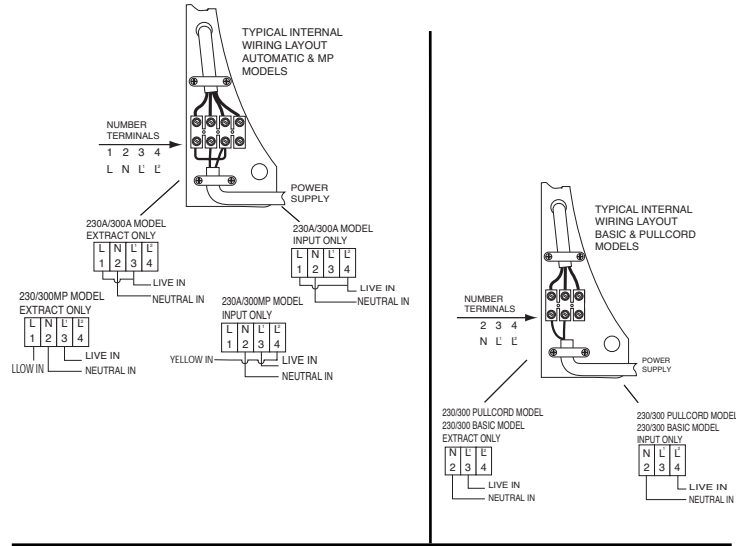


WIRING DIAGRAM



WIRING DIAGRAM

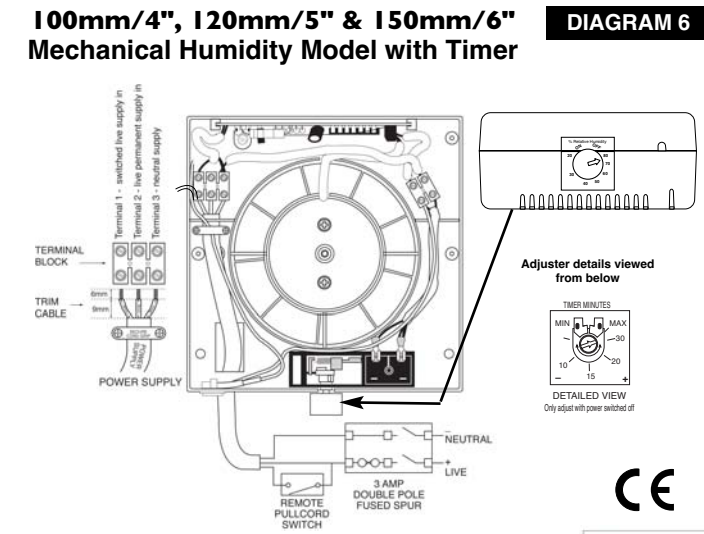
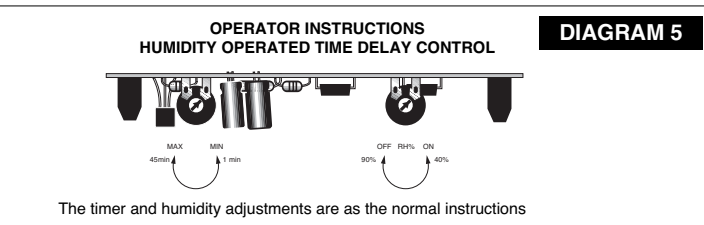
For the 230A/300A model using the reversible 2 speed controller Part No. 1348* and the variable, reversible speed controller part no. 1349*.



IMPORTANT
When fitting a controller (1348 or 1349) remove bridge wire from terminal block.



LIVE IN
NEUTRAL IN



INSTALLATION INSTRUCTIONS FOR THE 100mm/4" 120mm/5" 150mm/6", 230mm/9" & 300mm/12" Range of Humidity, Timer, Mechanical Humidity Manual, Automatic & Pullcord Fans

WARNING.

- All window fan models are to be installed using a flexible supply cord and are supplied with a supply cord with an internal cord anchorage.
- All wall fan models are for fixed wiring only, a flexible cord must not be used.

THROUGH A WINDOW (ALL MODELS) (DIAGRAMS 1/2/2A).

1. Cut a hole in the glass to suit fan. This is best cut by a qualified glazier, alternatively, measure your window and get a new piece of glass with a pre-cut from your glass merchant and replace.

Hole Size Ø	
100mm	115 Ø
120mm	140 Ø
150mm	184 Ø
230mm	260 Ø
300mm	320 Ø

2. Remove external grille by gently levering the top out with a small screwdriver and remove the four pozidrive screws and separate the two halves. Hold the fan in position over the hole on the inside of the window and then refit the four pozidrive screws from the Outside.

Caution – do not over tighten these screws as it is possible that you might crack the glass, replace the external grille.

3. Electrical: All wiring must comply with current IEE Regulations. If in any doubt call a qualified electrician.
NOTE: All flaps should open and close together. If they do not, remove the second flap and remove and replace until it locates properly. Connect the cable from the fan to 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 should be sited outside any room containing a shower or fixed bath. The fan should not be accessible to a person using either the shower or the bath.

THROUGH WALL FIXING (ALL MODELS) (DIAGRAM 1)

4. Cut a hole through the wall to suit fan and duct then fit the aluminium flexible duct through the wall (wall fixing kit supplied separately 1300/150mm - 1299/230mm - 1301/300mm) making sure that there is a slight tilt to the outside in case any water gets in through the external grille so it will not run into the room. Make good around the duct. If rigid duct is used to install the fan it must be a minimum of 290mm long, if flexible duct is used to install the fan it must be a minimum of 500mm (19 1/2 ") from the fan to the outlet grille
5. Remove the rear grille, unscrew the four screws to remove the casing. Hold against the outside wall directly over the duct and drill and plug the fixing holes. Screw the grille chassis to the wall and refit the grille. It is important to make sure that the two fixing holes are one above the other to allow the lugs on the grille to fit properly into their slots the right way up.

IMPORTANT :

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.

Maintenance : Switch off mains supply and isolate the fan before carryout any maintenance.

The front cover can be removed and cleaned with warm soapy water or polish.

The fan impellor and the inside of the fan can be cleaned using a warm damp cloth, care must be taken not to make the electrical connections wet.

It is recommended to check the electrical connections annually.