

AUTOMATIC MODEL - WIRING DIAGRAM WHEN USING EXTERNAL CONTROLLERS

For the WF230A model using the reversible 2 speed controller Part No. 1348* and the variable, reversible speed controller part no. 1349*.

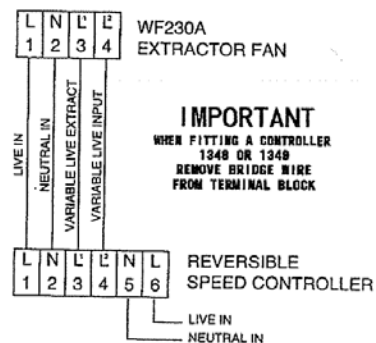


DIAGRAM 6

IMPORTANT NOTE:

Automatic Shutters incorporate a thermally activated mechanism that opens and closes the shutters. When the unit is turned on and off shutters will take approximately 45 seconds to respond.

INSTALLATION INSTRUCTIONS

MANROSE
CLASSIC SERIES

MANROSE WF230 RANGE OF EXTRACTOR WINDOW FANS.

Thank you for selecting the Manrose WF Range. Please read all instructions before commencing installation.

THROUGH A WINDOW (ALL MODELS) DIAGRAM 4: INSTRUCTIONS

1. Cut a 260mm (10 1/4") hole in the glass. This is best cut by a qualified glazier, alternatively, measure your window and get a new piece of glass with a pre-cut hole from your glass merchant and replace.

2. Remove external grille by gently levering the top cut out with a small screwdriver and remove the four pozidrive screws and separate the two halves, [see diagram 1 & 2](#).

Hold the fan in position over the hole on the inside of the window and then refit the external cover with 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 NZ Regulations. Consult a registered electrician for further advice. For all base models wiring, refer to [diagram 5](#). For all Automatic Shutter Models wiring, ONLY when using external controllers, refer to [diagram 6](#).

NOTE:

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 NZ Regulations. The fan should not be accessible to a person using either the shower or the bath.

IMPORTANT

The appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

Fan should be installed by fixed wiring only. A flexible cord should not be used.

Switch off mains supply before making any electrical connections.

If in any doubt contact a qualified electrician. An electrician should confirm the installation is correct.

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.

We reserve the right to change specification without prior warning

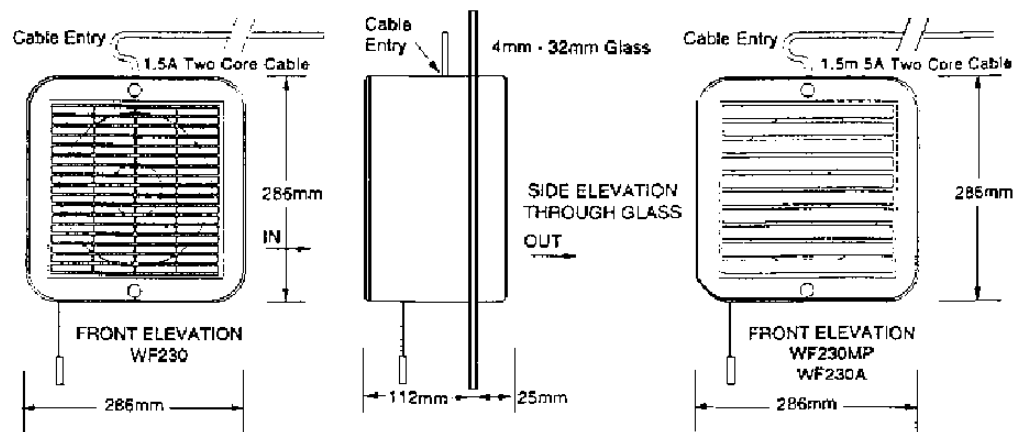


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DIAGRAM 4



THROUGH GLASS FIXING

THROUGH WALL FIXING (ALL MODELS) DIAGRAM 3: INSTRUCTIONS

4. Cut a 255mm (10") hole through the wall and then fit the aluminium flexible duct through the wall 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.

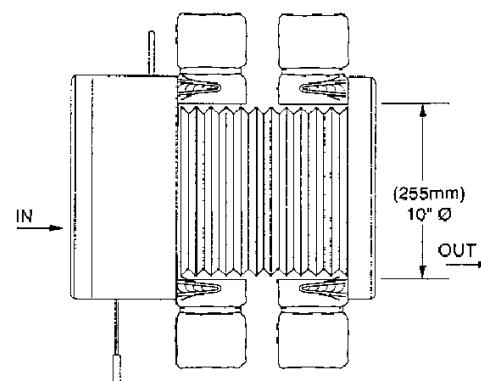
5. Remove the rear grille and casing as described in paragraph 2. Separate the external grille and remove the two hole plugs at the top and bottom of the grille chassis. Hold against the outside wall directly over the duct and drill and plug the fixing holes. Screw the grille chassis to the wall and 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.

6. Remove the front grille by removing 2-hole plugs concealing 2-fixing screws which secure the front grille assembly to the main chassis. Remove these screws then carefully separate the two halves.

Hold the body over the hole, first ensuring that the fan is level then mark four of the six fixing holes available (one in each corner). Drill and plug these holes. Screw the fan to the wall and refit the front grille and replace screw caps.

7. Make the electrical connection as described in paragraph 3. If in any doubt call a qualified electrician.

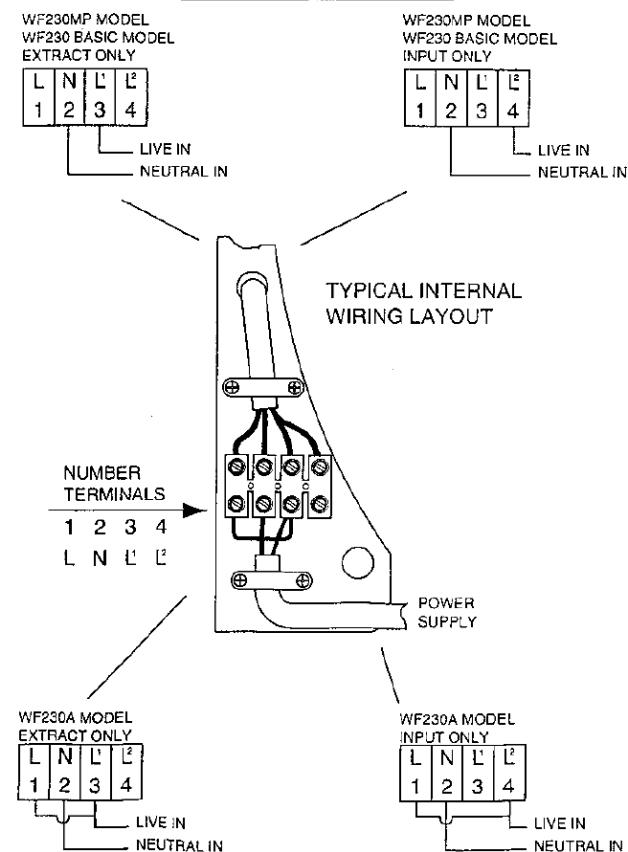
DIAGRAM 3



THROUGH WALL FIXING

ALL BASE MODEL

WIRING DIAGRAM



NOTE:

Fan must be fitted a minimum of 1.8 metres from floor.

Do not install within a shower cubicle (Use our SF100, SF120, SF150 range of shower fans) or anywhere else where there is a high risk of the fan being sprayed with water.

DIAGRAM 5