

To control the fan with the over-run timer and the humidity sensor connect all 3 connections between then fan and the transformer. Disable the pullcord when connecting this way.

The over-run time can be changed by adjusting the potentiometer on the printed circuit board. It is the lower pot of the 2 on the board. Anti-clockwise gives an over-run time of approx 3 minutes and clockwise gives approx 30 minutes.

To control the fan with the integral pullcord and the humidity sensor connect 1-1 and 2-2 only.

The humidity setting has been factory pre-set to bring the fan on at 65% RH and should not be changed.

UAX-ES150 Extract Fan with electric shutters - Humidity Sensor, Timer & Pullcord



Installation and Operation Instructions

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FERROB LTD

OPERATION

INSTALLATION

THROUGH A WALL

1. It is recommended that the unit is installed not less than 1.75m from the floor and is not installed directly above a heat source. i.e. radiator etc..
2. Cut a 162mm diameter hole in the wall ensuring that the hole slopes slightly to the outside to prevent any water from running back into the sleeve.
3. Fit the plastic wall sleeve and drill, plug and screw the body of the fan into position ensuring that the sleeve is fitted over the fan spigot.
4. Place the external grille into position and then drill, plug and screw into place.

THROUGH A WINDOW

1. It is recommended that the unit is installed not less than 1.75m from the floor and is not installed directly above a heat source. i.e. radiator etc..
2. Cut a 185mm hole in the glass. (Double glazed windows will have to be replaced with the hole pre-cut by the window manufacturer.)
3. Using suitable screws, fix the fan body and the external window grille together ensuring that the rubber gasket supplied is fitted around the edges of both the grille and fan body.

THROUGH A CEILING.

1. Cut a 162mm hole in the ceiling ensuring that the hole is central between joists.
 2. Using suitable fasteners, fix the fan body into position over the hole.
 3. Affix the ducting to the fan spigot.
 4. Connect the other end of the ducting as required to a suitable outlet. (soffit grille etc)
- Ferrob Ltd also recommends the fitting of a condensation trap when connected to a vertical run of ducting.

ELECTRICAL CONNECTION

All wiring must comply with the latest edition of the IEE wiring regulations. If in any doubt, contact a registered or approved electrician.

A means for disconnection from the supply having a contact separation of at least 3mm in all poles must be incorporated into the fixed wiring.

The unit is rated at a maximum power consumption of 20watts.

230V 50Hz
Single Speed 20W
IPX4 Rating

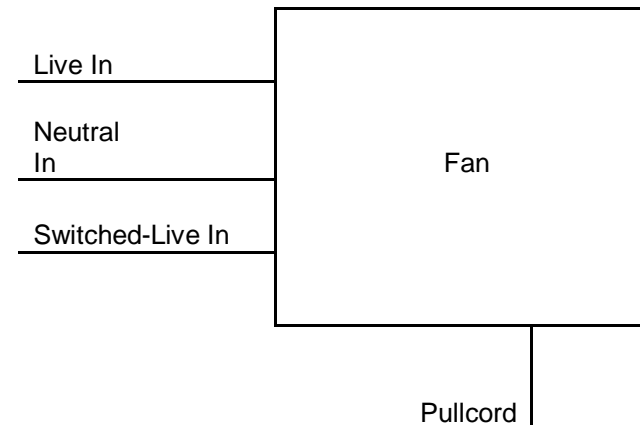
This Product is Double Insulated and does not require an Earth connection

THE UAX-ES 150 EXTRACTOR FAN IS FITTED WITH A HIGHLY SENSITIVE HUMIDITY SENSOR DESIGNED TO AUTOMATICALLY CONTROL CONDENSATION IN YOUR HOME.

1. When the power supply to the unit is switched on, it is immediately ready to sense humidity levels.
2. When the level of humidity being detected rises above the pre-set level of 65% Relative Humidity, the fan will start to run. Should your property have a severe condensation or humidity problem, it is normal operation for the fan to run for long periods until the level is brought down below the Relative Humidity pre-set level of 65%.
3. If connected and wired, the unit will run when the light is activated and will continue to run after the light has been switched-off for 15 minutes
4. By gentle use of the pullcord, the fan can be made to run manually. Once activated the unit will run until the pullcord is pulled again.

The unit has automatic electric shutters which are silent in operation and have a delay of up to 90 seconds to open and close. These shutters minimise any backdraught through the fan when it is not in operation.

DO NOT ATTEMPT TO FIT THE FRONT COVER UNTIL THE FAN HAS STOPPED RUNNING FOR 5 MINUTES OR MORE.



See over for further guidance