



The electrical equipment contained in this box should not be disposed of in unsorted municipal waste but collected separately. This is intended to reduce the impact on the environment by minimising the level of waste generated at the end of a product's useful life by increasing the percentage of material recovered and recycled.

# UAX100HTS Extract Fan with Humidity Sensor, Timer & Pullcord



## Installation and Operation Instructions

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**FERROB**  
ENVIRONMENTAL SYSTEMS

# 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 107mm 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 125mm hole in the glass. (Double glazed windows will have to be replaced with the hole pre-cut by the window manufacturer.)
3. Using the window kit (available separately) fix the kit to the window by screwing the internal mounting plate to the external grille ensuring the rubber gasket supplied is fixed around the edges of both the grille and plate. The fan can then be fixed to the mounting plate.

## THROUGH A CEILING

1. Cut a 107mm 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

# OPERATION

THE UAX100HTS EXTRACTOR FAN IS FITTED WITH A HIGHLY SENSITIVE HUMIDITY SENSOR DESIGNED TO AUTOMATICALLY CONTROL CONDENSATION IN YOUR HOME.

1. IT IS RECOMMENDED THAT THE POWER IS CONTINUALLY APPLIED TO THIS UNIT.
2. When the humidity in the room reaches a pre-set level of 65% Relative Humidity (RH), the fan will automatically turn on and will run until the humidity level is brought down below the pre-set level.
3. If manual ventilation is required, the fan can be activated by pulling the pullcord. The fan will run until the cord is pulled again.
4. If the over-run timer has been connected (version HT), the fan will start to run after 2 minutes of the light being turned on and will run for 15 minutes when the light is turned off.

N.B.: The automatic humidity system will over-ride the pullcord and hence, at times, it may seem that the fan will not turn-off when the cord is pulled.

