



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.

## UCF100 Low Voltage Extract Fan



## Installation and Operation Instructions

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ENVIRONMENTAL SYSTEMS

# INSTALLATION

In all installation cases, the remote transformer must be mounted outside of the bathroom \ toilet \ shower rooms. The fan unit can be installed above a bath or shower cubicle.

## 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 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 UCF LOW VOLTAGE EXTRACTOR FAN DESIGNED TO CONTROL CONDENSATION IN YOUR HOME WHILST OPERATING AT EXTRA LOW VOLTAGE TO MINIMISE THE RISK OF ELECTRIC SHOCK.

1. This unit should be controlled by a remote switch or humidity sensor.

Electical Connections:

Connect permanent Live and Neutral to L and N in the transformer unit and terminals 2 and 3 from the terminal block in the transformer to the fan.

## Wiring Diagram for UCF Low Voltage

