

Logic 1007 Remote Humidity Controller.



Installation and Operation Instructions

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FERROB LTD

INSTALLATION

The installation of this remote unit enables an existing fan unit to be controlled using the unique Ferrob Self Cleaning Humidity Sensor.

1. Separate the two halves of the controller by removing the pattress screws.
2. Fix the pattress into position using suitable wall fasteners in a position near to the source of humidity. (Do not fit directly above a cooker or other heat source.) This is normally in a position between the 2 main sources of humidity in a kitchen, the sink and the cooker, and at a minimum height of 1.75 metres.
3. Disconnect the existing fan from its electrical supply.

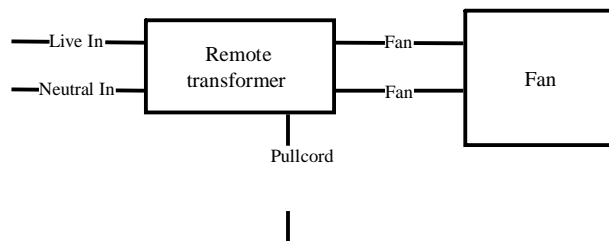
ELECTRICAL CONNECTION

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.

Connect the controller to the fan and to a mains supply with suitably rated cable.

Wiring Diagram for Sensortronic L1007



OPERATION

1. When the power supply to the unit is switched on, the unit will start within a few minutes (if not sooner) and then the integral display will show CL which signifies that the unit is carrying-out a cleaning cycle. The unit will remain in this mode for approximately 5 minutes and will have a cleaning cycle every hour.
2. After this time, the display will change from CL to show a reading of the humidity level that is being detected by the sensor.
3. When the level of humidity being detected rises above 65 on the display, 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%.
4. By gentle use of the pullcord, the fan can be made to run at times when it is not running on humidity. At these times, the display will show PC.
5. If the display shows LO, this indicates that the unit is adjusting its set point due to a low temperature average. The fan will operate normally in this mode.
6. The history of humidity, temperature and set point readings can be downloaded from the fan by using a laptop computer or psion 5 machine. Cables and software are available from Ferrob Ltd.

Do not forget to turn the battery on before completing installation. Otherwise the data recording facility will not work.

230V 50Hz
Single Speed 20W
IPX2 Rating

This Product is Double Insulated