ES-UCFT ECOSMART USER CONTROL

Extra Low Voltage User Controls with built-in Thermostat Control for Heating and Cooling

nuaire Group

CE The EMC Directive 2004/108/EC
The Low Voltage Directive 2006/95/EC

ecosmart

IMPORTANT

Please refer to the installation instructions of the fan to check the compatibility of this unit.

Parts check list:

● ES-UCFT Manual control
● I off IO metre length of plugged SELV cable

ES-User Control

Designed to be compatible with the Ecosmart system, this user control is supplied with a pre-plugged, IO metre length of communications cable. Note: longer lengths are available.

The units operate with Safe Extra Low Voltage (SELV) with power supplied from the fan unit via the communications cable.

The control is used to switch the fan on/off manually and adjust the fan speed. Built-in thermostat to select heating and cooling operation.

Operating the control

Press the button once to switch the fan on. Press again to cancel. Rotate the speed control dial knob to select the desired speed.
Green LED indicates function selected and working.
Red LED indicates a fault.
Flashing Green LED indicates fan operating on run on timer, stops when set time has expired.

NOTE: If the fan speed knob is set to AUTO the fan speed will be adjusted automatically by a sensor. If a sensor is not fitted the fan will be running at trickle speed.
Use a small screwdriver to select the set-point of the thermostat. If the ambient temperature is 2°C or more below the set point, heating mode is selected. If the ambient temperature is 2°C or more above the set point, cooling mode is selected. When either heating or cooling mode is selected, it is cancelled when the ambient temperature reaches the set-point.
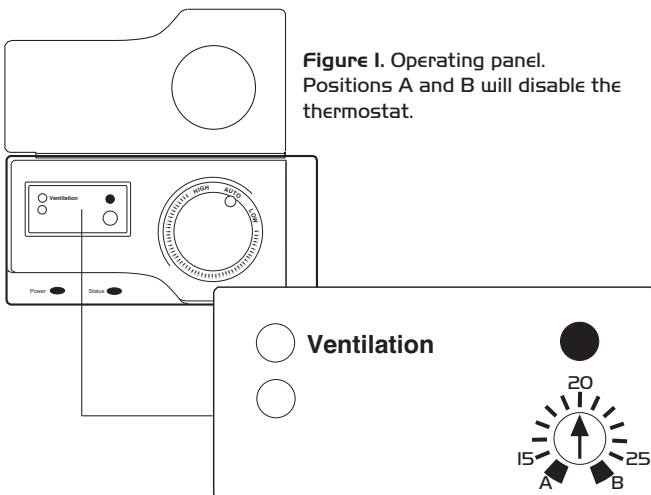**The heating and cooling functions are only available when the relevant fans are fitted.**

Figure I. Operating panel. Positions A and B will disable the thermostat.
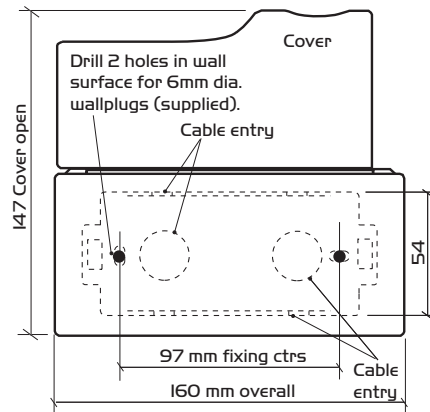
Data cable installation

Do not run data cable in the same conduit as the mains cables and ensure there is a 50mm separation between the data cable and other cables. The maximum cable run between any two devices is 300m when it is installed in accordance with the instructions.

Installation

The installation must be carried out by competent personel in accordance with the appropriate authority and conforming to all statutory and governing regulations i.e. IEE, CIBSE, CCHSE, HVCA etc.

a) Remove the backing plate/mounting cradle shown dotted in figure 2. Offer the cradle to the selected vibration free mounting position, mark and fix.

b) Draw approx. 75mm of data cable through the cradle and plug in to the rear socket of the control, paying particular attention to plug/socket colour code for correct orientation. Finally clip the control into the cradle.

Figure 2. Drill pattern and fixing details.

Maintenance

The user control does not require any maintenance. However, for optimum performance, it is advisable to remove any accumulated dust with a low power vacuum cleaner.

Warranty

The 5 year warranty starts from the day of delivery and includes parts and labour for the first year. The remaining 4 years covers replacement parts only.
The warranty is subject to the equipment having been installed and maintained in full compliance with these instructions.

Service Enquiries

Nuaire can assist you in all aspects of service. Our Technical Support department will be happy to provide any assistance required.

Telephone 029 2085 8400
Fax 029 2085 8444