ES-AVI

Audio Visual Indicator

Installation and Maintenance

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

IMPORTANT! Please refer to the installation instructions of the fan to check the compatibility of this indicator.

Parts check list:

- **ES-AVI Audio Visual Indicator**
- **1 off 10 metre length of plugged SELV cable**

ES-AVI Audio Visual Indicator

Designed to be compatible with the Ecosmart system, this indicator unit is supplied with a preplugged 10m length of communication cable. Longer lengths are available if required.

The unit operates with Safe extra Low Voltage (SELV) with power supplied by the fan unit via the communication cable.

When a fan failure occurs the AVI will flash a warning on the large RED 'LED'.

A warning sounder will be heard for at least 10 seconds. Then one second every minute until the fault is cleared.

The smaller 'LED' on the front panel shows the status of the AVI, showing GREEN when correctly connected and RED if there is a problem.

Installing the Indicator

The indicator unit should be installed away from any direct source of heat (e.g. radiators) and areas where it would be subjected to waterspray.

The indicator is supplied complete with 10 metres of connecting cable with plugs attached. Indicators are also supplied with all fixings and are clipped into a backplate wall mounting bracket.

a) Fix one end of the 10m cable to the fans customer connection box (connection sockets marked NET).

b) Select a suitable location for the indicator and arrange the cable in position. Leave approx. 75mm of the cable free at the mounting point to ease the connection of the plug. (fig. 1).

c) Carefully separate the indicator from the backplate using a small screwdriver. (see Fig 2). Note: the indicator will remain connected by its internal cable.

d) Release this cable from the bracket by simply pulling the plug off the socket pins in the backplate.

e) Before fixing the backplate to the wall, connect the wall fixed cable end plug to the upper set of pins on the bracket (fig 3).

Note: check the colour code matching when fitting the plug onto the pins. Arrange the cable to lay in the cable slot at the top of the backplate moulding and fix the bracket to the wall surface using the screws supplied.

f) The indicator plug can now be connected into the backplate **Note: check the colour code matching** when fitting the plug onto the pins.

Clip the indicator body in the backplate arms and adjust the indicator body to the desired position.

Data cable installation

Do not run the SELV data cable in the same conduit as the mains cables and ensure there is a 50mm separation between the data cable and the other cables. The maximum cable run between the fan and indicator is 300 metres when it is installed in accordance with the above instructions.

Maintenance

The unit 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 date of delivery and includes parts and labour for the first year.
The labour element is subject to full, free and safe access to the equipment as recommended by the CDM regulations.
The remaining 4 years covers replacement parts only.

Note: Installation & Maintenance of the equipment must be as directed in the instructions provided with the unit.

Service Enquiries

Nuaire can assist you in all aspects of service. Our service department will be happy to provide any assistance required, initially by telephone and If necessary arrange for an engineer to call.

Telephone 029 2085 8400
Fax 029 2085 8444

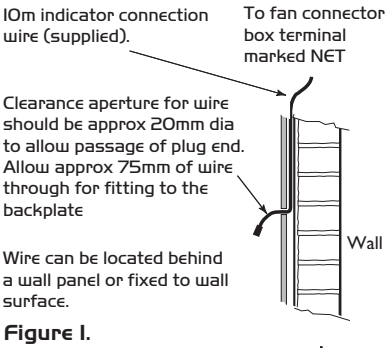

Figure 1.

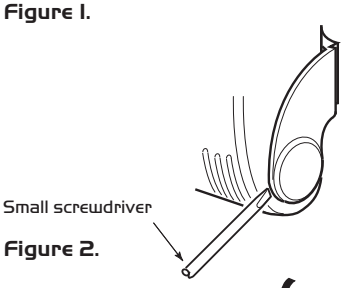

Figure 2.

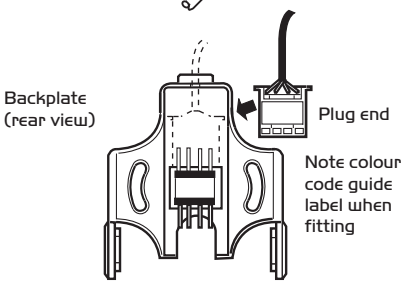

Figure 3.

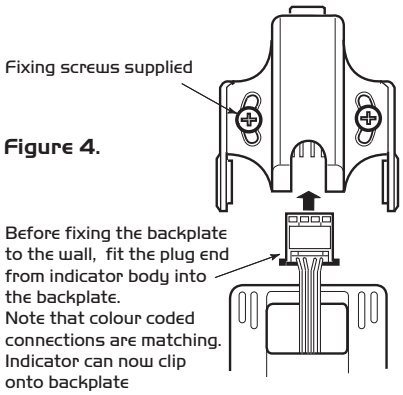

Figure 4.

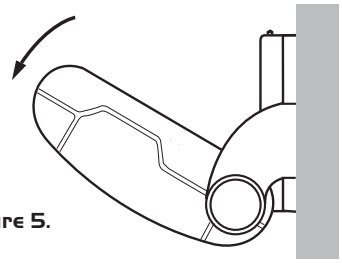

Figure 5.

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