



ES-AVI2

Audio Visual Indicator Installation and Maintenance



1.0 INTRODUCTION

Refer to the installation instructions of the fan to check the compatibility of this indicator.

Designed to be compatible with the Ecosmart system, this indicator unit is supplied with a plugged 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 a red LED will show at the AVI2.

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

To disable the sounder, open the unit and move the switch towards the centre of the PCB.

1.1 Parts List

- ES-AVI2 Audio Visual Indicator
- 1 off 10 metre length of plugged SELV cable

1.2 Operating Conditions

Temperature: 0 – 40°C
Humidity: 10 - 90% RH non-condensing

2.0 INSTALLATION

2.1 Installing the Indicator

The unit must be installed away from any direct source of heat (e.g. radiators) and areas where it would be subjected to steam or water spray.

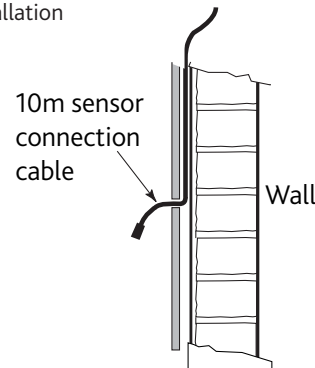
The mounting surface must be vibration free.

The unit is supplied complete with 10 metres of connecting cable with plugs attached.

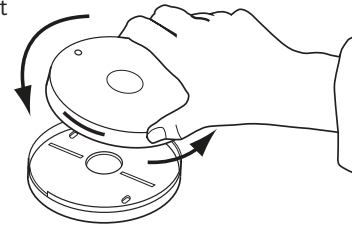
Fasteners for wall fixing are included in the package.

- Fix one end of the supplied 10m sensor connection cable to the fans customer connection box (connection sockets marked NET).
- Select a suitable location for the sensor and arrange the cable in position. Wire can be located behind a wall panel or fixed to wall surface. Clearance aperture for wire should be approx 20mm diameter to allow passage of plug end. Allow approximately 75mm of the cable free at the mounting point to ease the connection of the plug (Figure 1).
- Hold the base of the unit with one hand and the top half with the other. Twist the upper half anti-clockwise to open the unit (Figure 2).
- Feed the cable through the hole of the lower half of the unit and mark the locations of the fixing holes on the wall. There is a raised line inside the base of the unit to aid alignment to the horizontal or vertical (Figure 3).
- Fix the base of the unit to the wall using the fasteners provided, or other suitable fasteners.
- Plug the cable into the socket of the PCB (Figure 4).
- Align the slots of the upper and lower halves of the unit and twist the upper half clockwise to lock the 2 halves together (Figure 5).

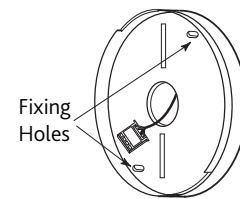
1 Cable Installation



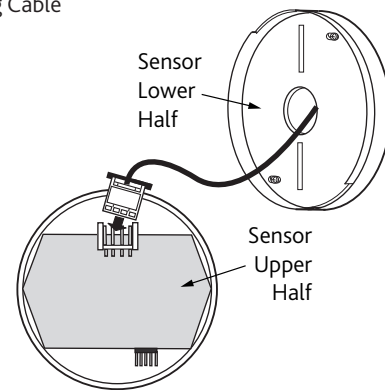
2 Opening Unit



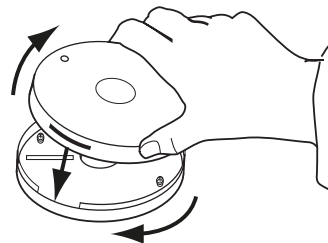
3 Wall Mounting



4 Connecting Cable



5 Closing Unit



2.2 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 300metres when it is installed in accordance with the above instructions.

3.0 MAINTENANCE

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

4.0 WARRANTY

The 3 year warranty starts from the date of delivery and includes parts and labour for the first year. The remaining two years covers replacement parts only. The labour element is subject to full, free and safe access to the equipment as recommended by the CDM regulations. This warranty is void if the equipment is modified without authorisation, is incorrectly applied, misused, disassembled, or not installed, commissioned and maintained in accordance with the details contained in this manual and general good practice.

The product warranty applies to the UK mainland and in accordance with Clause 14 of our Conditions of Sale. Customers purchasing from outside of the UK should contact Nuaire International Sales office for further details.

5.0 AFTER SALES

For technical assistance or further product information, including spare parts and replacement components, please contact the After Sales Department.



Telephone 02920 858 400
aftersales@nuaire.co.uk

Technical or commercial considerations may, from time to time, make it necessary to alter the design, performance and dimensions of equipment and the right is reserved to make such changes without prior notice.

