

AIRIS SENSE SUPPLEMENTARY INSTRUCTIONS

Please read these instructions before unpacking the Airis Sense system. These instructions are based on the default settings which are suited to most installations and avoid use of the mobile app for setting up. **NOTE:** Each Airis Sense PCU and its associated sensor in the box are radio paired together. Take care not to mix up the pairs before installation.

The UK versions of the PCU are the PCU6.1-F (35A model) and PCU10.2 (the 50A model not covered by this guide).

Skills required

No specialist training is required for installing Airis Sense, but it is important that the installation is carried out by an electrician following these Unicook instructions (or the instructions provided by the manufacturer).

These instructions are provided to ensure a fast, efficient, and effective installation. The installation should take about 30 minutes.

What is Airis Sense



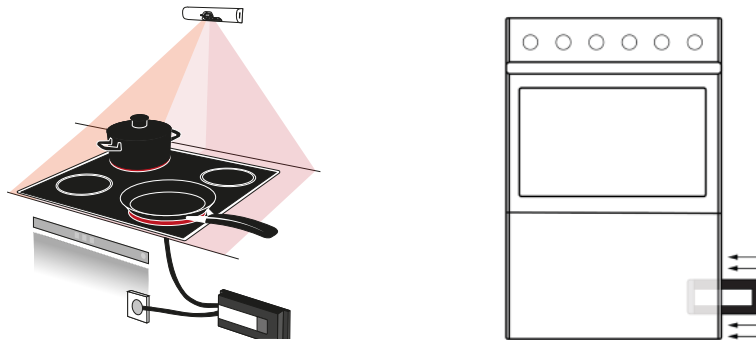
Airis Sense is a 'stove guard'. It prevents stove top fires and reduces smoke from overheated pans. Data is analysed from its 10 sensors (including specific wavelengths of IR, ambient temperature, human presence, and humidity) by sophisticated algorithms developed using artificial intelligence. It is designed to eliminate the risk of a fire and greatly reduce the smoke produced when cooking oil overheats.

It only cuts the power when unsafe cooking is detected, not when the resident leaves the kitchen or after a specific time or a specific temperature is reached.

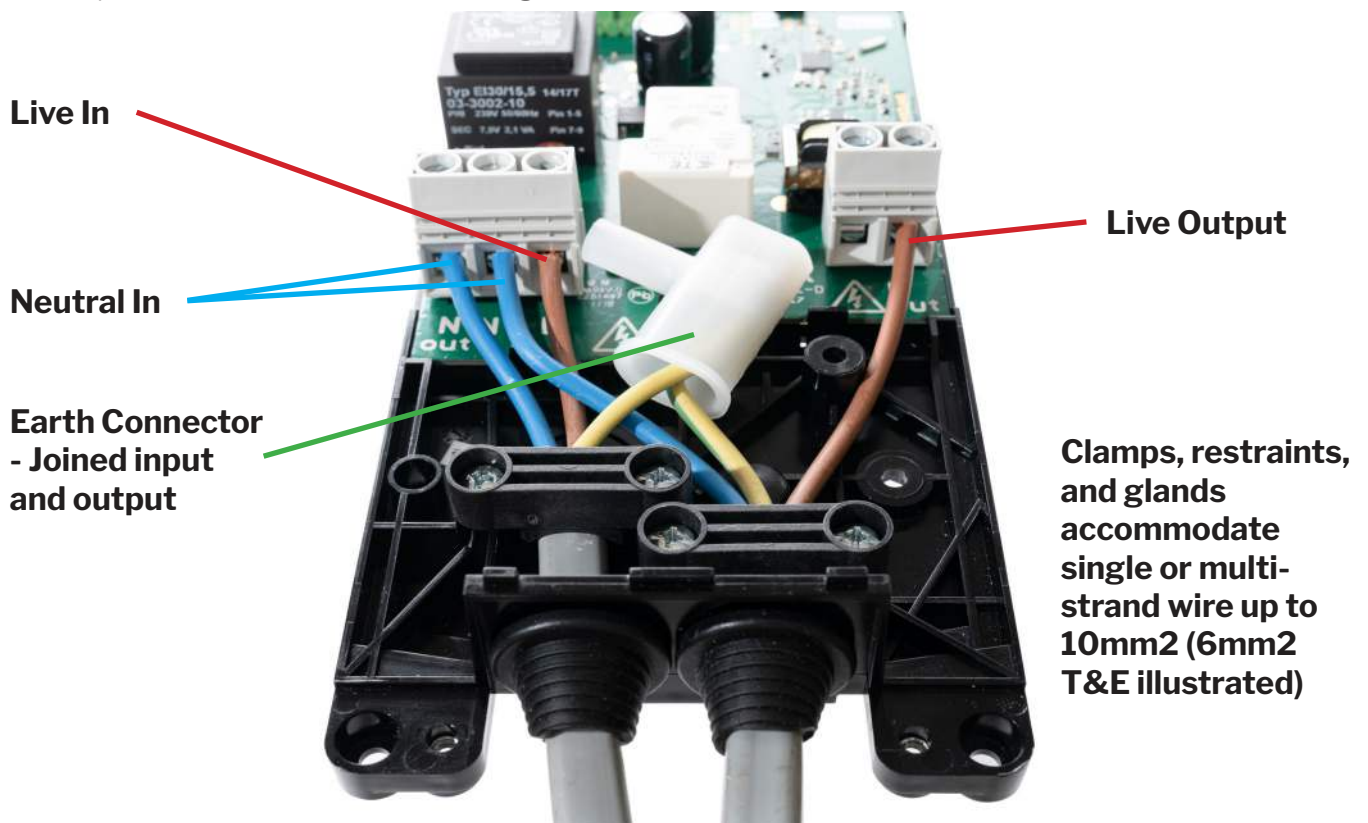
Airis Sense is not a cooking timer or PIR.

Installing the PCU (power control unit)

The PCU and Multisensor have a wireless connection, so there is no wiring between them. It is in circuit between the power outlet and the appliance. Where a hob is located above a built-in oven, the PCU can be mounted behind the oven. Alternative locations are under the plinth or behind a kitchen unit. For a free-standing cooker, the PCU can be mounted near the floor behind the cooker.

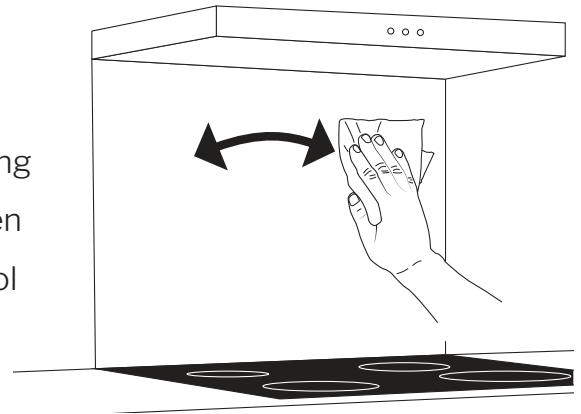


The PCU is double-insulated and the earth input and output are bridged using the supplied connector. The live is switched. The neutral input and output are connected on the terminal block on the left, adjacent to the live-input. The live output is connected on the far right.



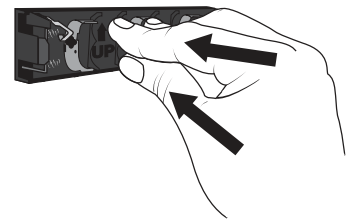
Installing the multisensor

Cleaning the wall surface - It is essential that the wall is perfectly clean and flat. Don't use a cleaning product that leaves a residue as this could weaken the adherence over time. Use the supplied alcohol wipes to complete the cleaning.

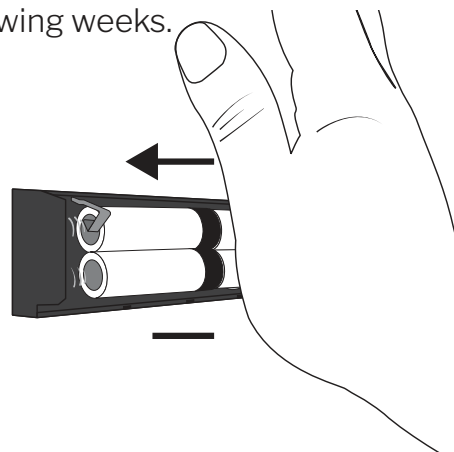
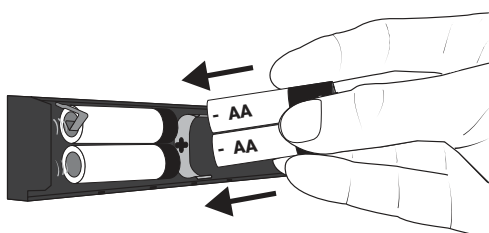


Mounting the rear casing (the black part)

Peel the protective backing from the very high bond tapes and press the rear casing to the wall. Make sure you place the multisensor in the correct position and orientation as removal after initial attachment will weaken the adhesion. The top of the multisensor should be mounted at 50cm from the hob. If another height is required, use the manufacturer's installation instructions.

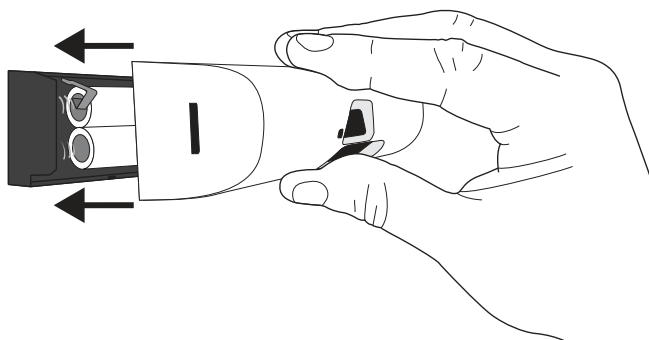


Place the 6 batteries into the case two and a time, one above another, from left to right. In this way the batteries will support themselves but cover the hob as a precaution. When all 6 are in place, press firmly on the batteries with the heel of the palm of your hand to exert pressure on the high-bond tape and make sure it has effective contact with the wall. If this isn't done, there is a risk that the multisensor will detach from the wall in the following weeks.



Mounting the multisensor (the white part)

Carefully place the multisensor over the rear casing so that it clicks into place and meets the wall.



Perform 5 second completion step (called “check the working order” in the installation guide).

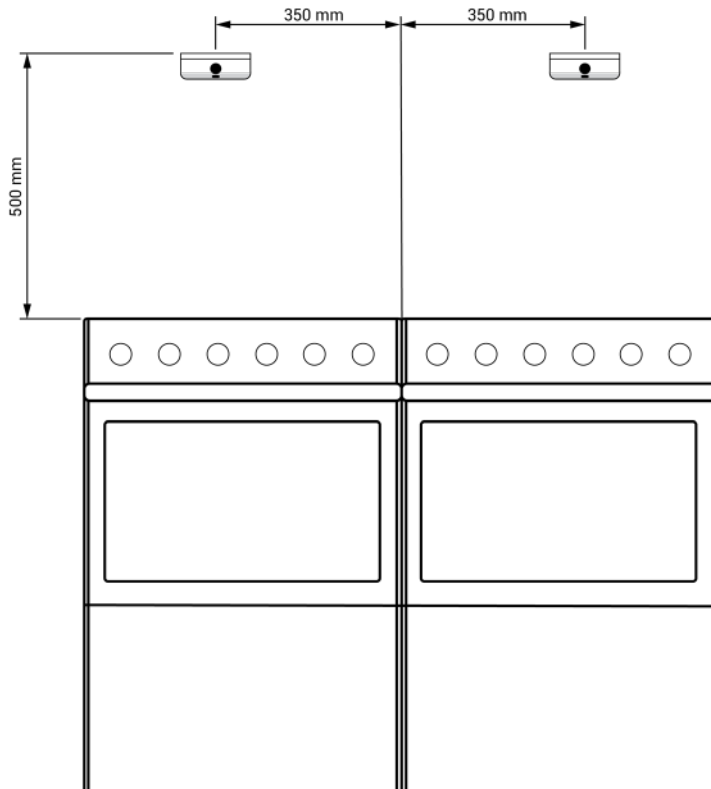
Attach the kitchen sticker to the wall/splash back adjacent to the hob.



For volume installations, revisit each installation and perform 5 second completion step (called ‘check the working order” in the installation guide).

Hand documentation to the customer.

Installing two Airis units with adjacent cookers or hobs



These instructions apply when two 60cm wide cookers/hobs are positioned side-by-side, with a gap of 15cm or less. For adjacent cookers where one or both have a width of less than 60cm, (e.g. in the case of a 2-ring hob) and any other configurations please contact Unicook for advice.

The sensor above each cooker should be offset 50mm from the centre of each cooker/hob, to place each sensor further from the adjacent cooker.

Setup procedure

Switch on the power at the wall switch and wait for the power to be supplied to the hob, after about 10 seconds. Turn on one ring at full power. For an induction hob, use a compatible suitable pan with some water. Press and hold the multisensor OK button for about 5 seconds until the power is cut to the hob. Then press and immediately release and ensure the power is restored to the hob.

This procedure is essential to ensure the system is activated.

Commissioning and Handover

We recommend an independent repeat test of all Airis units after the installation. This only takes a few seconds. Remember that if the hobs are induction type, it will be necessary to use a pan because the hob must create a load for the test to execute correctly.

Documentation

Provide the customer with the product documentation.

Troubleshooting

If the 'check working order' test fails. Press the OK button once to reveal the fault code. The sensor will respond with a single green flash if no fault is detected or a series of flashes according to the following table. After the fault code has been displayed, the sensor will flash blue for a few minutes indicating it's ready to connect a mobile device. This can be ignored.

Wall sticker

Afix the wall sticker next to the sensor. This is especially important for accommodation where residents change periodically and especially in student accommodation.

Periodic testing and cleaning

Ensure that the customer is aware of the need for periodic cleaning of the multisensor and testing in accordance with the manufacturer's instructions.

Diagnostic information

Airis has comprehensive built-in diagnostic algorithms. A single press of the OK button on the multi-sensor confirms correct operation or indicates any fault detected.

Press the OK button once to check diagnostics

Fault Code	Indication	Diagnosis
-	1 green flash 	No problem detected
0	No Response	Check the batteries and test again
1	1 blue flash 	Problem with the wireless connection between the sensor and PCU
2	2 blue flashes 	Problem with the PCU
3	3 blue flashes 	PCU overheated
4	1 yellow flash 	Problem with a sensing device in the sensor unit
5	2 yellow flashes 	Problem with the sensor
6	3 yellow flashes 	Problem with the position of the sensor unit (the position of the sensor has changed from its position at the time of installation) - See section 9 of the installation manual

Note: Please note the fault code before contacting us, this will enable us to assist you more effectively.

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