

AirSens®

AIR QUALITY SENSORS



The AirSens® range are the first IAQ sensors designed and produced by ventilation experts.

The perfect solution for Demand Control Ventilation systems.

INDOOR AIR QUALITY (IAQ)

We spend the majority of our time indoors so it is important that the air inside is clean, fresh and pollutant-free. By introducing energy saving measures to improve thermal comfort, we have sealed up our homes and workplaces, restricting the flow of air, which can lead to stale, humid environments filled with a host of contaminants.

For this reason, ventilation has a fundamental role in improving indoor air quality. A good IAQ level improves productivity, health, well-being and comfort for its occupants.

AirSens® is available in 3 different versions to control:

- Carbon Dioxide (**CO₂**)
- Volatile Organic Compounds (**VOC**)
- Relative Humidity (**RH**)



3 SENSORS... 3 DIFFERENT JOBS:

AirSens® CO₂ - Recommended for homes and workplaces with variable occupancy levels during the day.

AirSens® VOC - Reacts to sporadic changes in the accumulation of substance-derived odours: Volatile Organic Compounds such as alcohols, aldehydes, ketones and organic acids.

AirSens® RH - Recommended for homes and workplaces where relative humidity may vary or be particularly excessive.

ORDER CODES

AIR-CO2 ----- ➔ **AirSens® CO₂**
AIR-VOC ----- ➔ **AirSens® VOC**
AIR-RH ----- ➔ **AirSens® RH**



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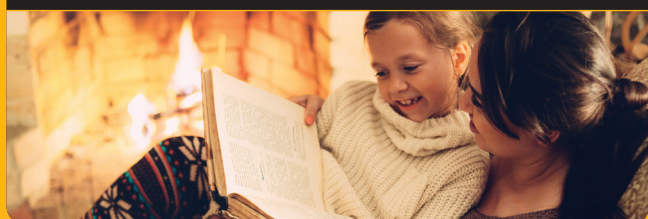
The new AirSens® range offers a patented and minimalist design allowing it to easily blend into different environments. **The front LED indicator tells you the IAQ level of the air at any time.**



FLEXIBILITY OF USE:

- Universal power supply 100-240Vac 50/60Hz
- Compatible with both AC and EC ventilation units

The indoor air quality sensor has three operating modes including a relay (on/off or min/max), 0-10V and 2-10V. AirSens® also offers remote reading and editing of all Modbus map parameters using a Building Management System (BMS).



WHAT SENSOR DO I NEED?

MODEL			CO ₂	VOC	RH
USE	COMMERCIAL	OFFICE	★	●	●
		MEETING ROOM	★	●	●
		PRIVATE OFFICE	●	★	●
		RESTAURANT	●	★	●
		SHOP	★	●	●
		GYM	★	●	●
	RESIDENTIAL	KITCHEN	●	★	●
		LIVING ROOM	★	●	●
		BEDROOM	●	★	●
		BATHROOM	●	●	★



EXCELLENT



GOOD



POOR