

Oak Series
Indoor Climate Intelligence

Model: OakIAQ
Sensor



Sleek design
Indoor air quality detection
Monitoring and alerting viral spread
Plug & play connectivity
Online dashboard connectivity

The **OakIAQ** is the latest sensor developed by Airkind for indoor air quality monitoring and alerting.

Our smart **OakIAQ** sensor is a triple threat to poor IAQ:

- Monitor and prevent exposure to high levels of **CO2** in rooms with insufficient ventilation.
- Monitor and adjust to desired **Temperature** and **Humidity** levels.
- Monitor, detect and alert increases of **Fine Particles**.

Air quality conditions in each room are easily seen via the LED light on the OakIAQ sensor or in the Airkind dashboard, signalling when air quality conditions become unsafe or toxic.

The wireless & smart OakIAQ sensor can be installed in any combination alongside other sensors in the Airkind. Other sensors include:

- The OakSense Temperature/Humidity
- The OakSense Window/Door - For detection of opened/closed windows
- The OakSense PIR - For motion detection

Small, modern and aesthetic, it carries out essential data flow for a fully automated climate safety experience.

	OakIAQ
Body Dimensions	2" x 3" x 1.2" 51mm x 76mm x 30 mm
Total Weight	3.6 oz 102g
Wireless Range	Through walls: up to 100ft (30M) In open spaces: up to 0.3 Miles (500M)
Operating Voltage	85-230VAC, 50/60Hz
Operating Temperature	32°F - 158°F 0°C - 70°C Extended ranges available upon request
Integral Temperature Sensor	Range: beyond operation range Accuracy: 0.4°F 0.2°C
Integral Humidity Sensor	Range: 0-100% Accuracy: 2%
Integral Particulate Sensor	PM1 / PM2.5 / PM10 (µgm3)
Integral TVOC Sensor	0 ppb to 60000 ppb
Integral CO2 Sensor	400 ppm to 60000 ppm
Operating Frequency	2.4GHz
RF Transmission Power	19 dBm
Certification	FCC ID:2ALPH-E18