

Monitoring and Control Indoor Air Quality

Control ON/OFF

Analog Control
0-10 V

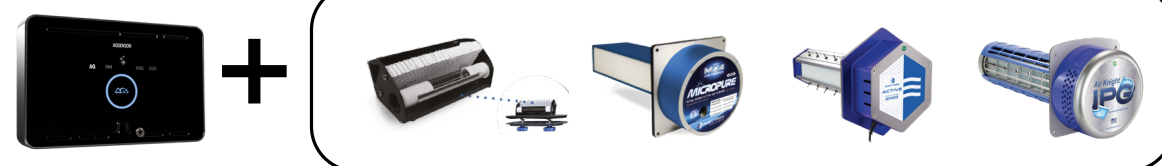
Electrostatic Filter

Purifier

Forced stop dry contact

In-duct pressure switch
dry contact

Europe & MENA
DUST FREE®
Breathe The Difference.



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AQSafe
APP/ Panel WEB



- Export history data
- Printing detailed report



Available in
Google play



Available in
App Store



Healthy air for healthy minds
AQSENSOR

#Monitoring
#IndoorAirQuality
#AirCleaners
#VMC

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AIRQUALITY SAFE

IAQ Monitoring+ Controlled Mechanical ventilation + Fault detection



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SURFACE/DESKTOP

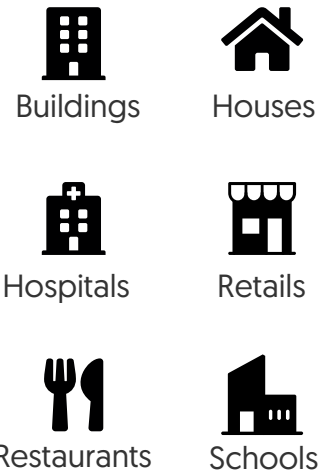


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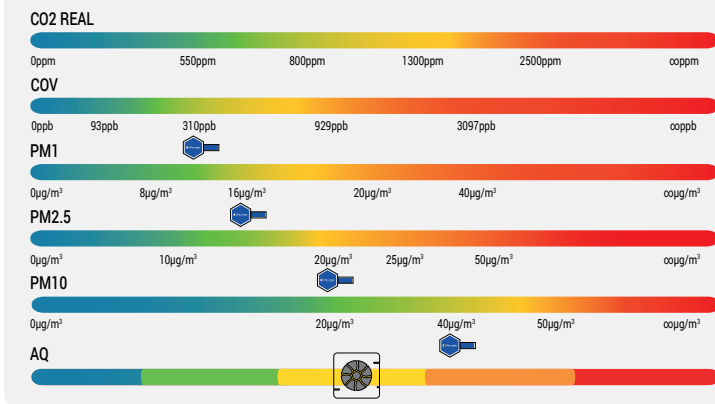


Devices valid for smart building certifications.
(for further information
www.aq-safe.com)



IAQ Monitoring + CMV Control + Fault detection

La lógica de activación del sistema está diseñada para optimizar la calidad del aire interior



Thresholds
PM: EEA
VOC: UBA e INSHT
CO₂: ASHRAE
Thermal confort: ASHRAE 55-1992

Regulations
EN-ISO-16000
UNE 171330-1,2,3
UNE-EN-16798-3
UNE-EN ISO 16890-1
ASHRAE ST 62.1
ASHRAE ST 62.2
ASHRAE ST 55-2013

CMV Activation: Mediocre AQ or worse
Air purifier and/or filter activation: mediocre PM/VOC or worse



Advanced Configuration

Create and select floors and rooms for each monitor. Choose the display mode, including night mode to prevent disturbances. **Modify the analog output range from 0-10 V. Option for CO2 sensor calibration.**

Machine Control

View connected machines and the analog output level. Configure DI1 and DI2 inputs as NC or NO. Display the status of all inputs and outputs. **ModBus configuration.**



Customized Statistics

View the historical values for each parameter. Configurable in terms of time and sample value. Exportable in .csv format or for display on social media. **Generate air quality reports for a specific time period and send via email.**



Healthy air for healthy minds

MONITORING

SURFACE	CONNECTIVITY	CONTROL	MEASUREMENT
ULTRA 100-AQSEN0	Wireless [WiFi] Cable [Modbus RTU RS-485]	Machine ON/OFF Machine 0-10 V Digital input pressure switch Purifier (with fault detection)	Temperature Relative humidity Absolute humidity Dew point Thermal comfort Real CO ₂ VOC PM 1, 2.5, 10
VENTUS 100-AQSEN7	Wireless [WiFi] Cable [Modbus RTU RS-485]	Machine 0-10 V	Real CO ₂ PM 1, 2.5, 10
AURA 100-AQSEN6	Wireless [WiFi] Cable [Modbus RTU RS-485]	Machine 0-10 V	Real CO2

DESKTOP	CONNECTIVITY	MEASUREMENT
ULTRA 100-AQSEN2	Wireless [WiFi]	Temperature Relative humidity Absolute humidity Dew point Thermal comfort Real CO ₂ VOC PM 1, 2.5, 10
VENTUS 100-AQSEN11	Wireless [WiFi]	Real CO ₂ PM 1, 2.5, 10
AURA 100-AQSEN10	Wireless [WiFi]	Real CO ₂

AQSENSOR Series

Sensors

Machine Control

VENTUS	ULTRA	AURA
0-10v	0-10v / On-Off	0-10v

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