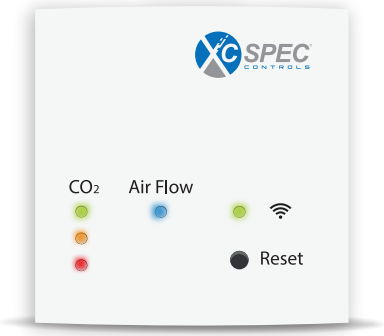
SUBMITTAL SHEET

Job Name:	Location:
Name:	Date:
Engineer:	Mechanical Operator:
Representative:	Notes:
Type of Job: RNC ☐ R&R ☐ Commercial ☐	

AQ Indoor™

An Enhnaced Ventilation and Air Quality Monitor for schools and offices

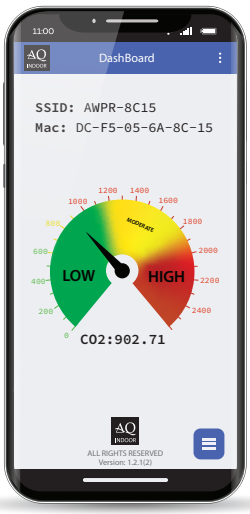
- **Active Room CO2 Sensor with Automatic Self Calibration**
- **Measuring Range: 0-5000 parts per million (ppm)**
- **0-10V, 2-10V Demand Ventilation Control (DCV) Output**
- **At-A-Glance Indicators for CO2 , Space Pressure and Wi-Fi Connectivity**
- **Easy set Up on mobile phone**
- **Records last 7 days high CO2 readings**
- **User Read Only APP displays CO2 parts per million on EPA approved scale.**
- **Free email alerts**
- **24V ac/dc Class 2 Wiring**
- **Fast and Easy Installation, Small and Lightweight**
- **Operating Range: -20 to +85 degrees C**
- **Supports individual space pressure measure - requires AQ Outdoor™**
- **Compatible with MicroMetl© Powered Exhausts**



AQ Indoor™
Installs in Tenant Space
CO2 Sensor with optional Space Pressure

Applications

AQ Indoor™ is an innovative platform designed with advanced ventilation controls for active air quality and pressure management. The unit works stand alone as a air quality monitor or with Economizers and Powered Exhausts to save energy costs while assuring indoor air safety.



The AQ Indoor™ includes advanced controls for Demand Control Ventilation (DCV). Wire to an economizer or directly to a motorized outside air input Damper on an ERV to control intake air based on maintaining a CO2 PPM set point. Advanced control algorithms limit actuator hunting and extend actuator motor life.

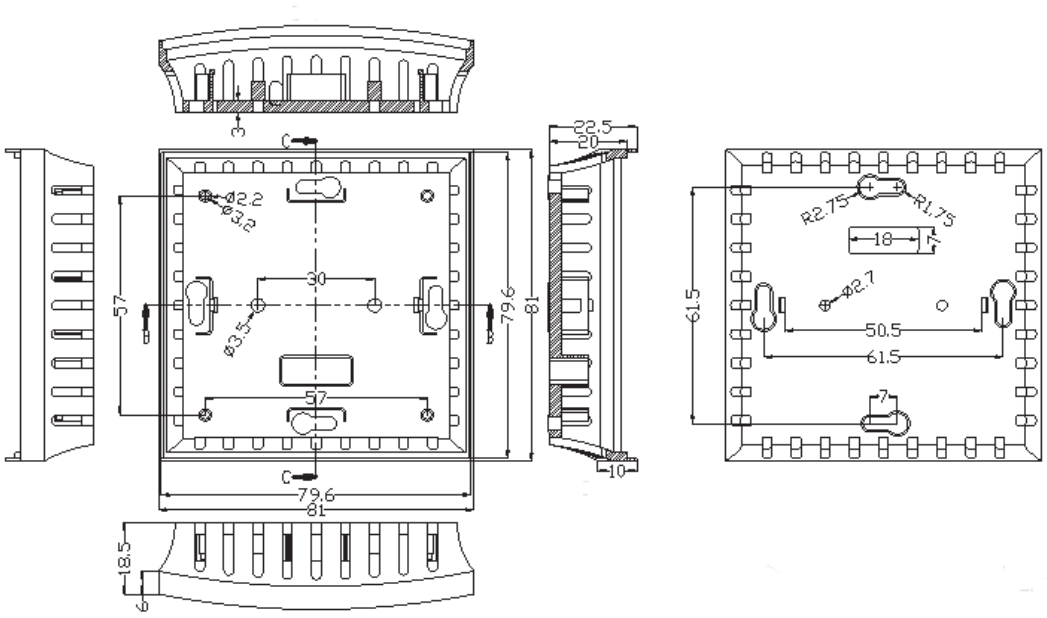
When commissioned with an MicroMetl® Powered Exhaust the unit continuously measures space pressure relative to the outside air pressure information provided by the Powered Exhaust. The display range on the indicator panels can be set up to stay solid while measuring between 0.01”- 0.05” of water, indicating positive pressure and good ventilation.

Specifications

Terminal Designations	Rc, Rh, G, Y, Y2, C , O, B, W/E, W2, D, H, S1 (DCV Out), S2 (Econ alrm in) 1
Terminal Load Rating	amp per terminal, 1.5 amp maximum all terminals combined
Power Source	18 to 30 VAC, NEC Class II, 50/60 Hz for hardwire (common wire)
Display Range	41°F to 95°F (5°C to 35°C)
Control Range	44°F to 90°F (7°C to 32°C)
Display Accuracy	+/- 1°F
Cool Swing	Adjustable from 0.2°F to 2.0°F
Heat Swing	Adjustable from 0.2°F to 2.0°
Radio Communications	IEEE 802.b/g/n
FCC	FCC CFR 47 Part 15 Subpart B 6100A-CU300
Wired 100K-2 Thermistor	Temperature Range: 32°F to 105 °F Indoor Sensor -4°F to 140°F - Outdoor Sensor
Warranty	5 year warranty

Product	Part Number	Operating Ambient Temperatures	Operating Relative Humidity	Physical Dimensions (inches)
AQ Indoor	9901-3043	-4˚ to 149˚ F (0˚C to 65˚C)	5 oz Wall mount	3.25L x 1.25W x 3.25H
RTU iLink+ works with Powered Exhaust	9901-3035	-4˚ to 149˚ F (0˚C to 65˚C)	4 oz In RTU Mounting	1.75L x 0.75W x 0.5H
RTU wLink+ *Required for WOWLink*	9901-3037	-4˚ to 149˚ F (0˚C to 65˚C)	4 oz In RTU Mounting	1.75L x 0.75W x 0.5H

Measurements



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