



IAQPoint2™ SPECIFICATIONS

Touchscreen Indoor Air Quality Monitor

Model	IAQPoint2 with CO ₂ Sensor	IAQPoint2 with VOC Sensor
Gasses	CO ₂	Volatile Organic Compounds (VOC)
Detection Method	Non-dispersive infrared (NDIR) with ABC automatic background calibration algorithm	Metal oxide semiconductor (MOS)
Range	0-2,000 ppm 0-5,000 ppm	0-100% (400-2,000 ppm CO ₂ Equivalent)
Accuracy	± 30 ppm ± 5 % of reading	
Response Time	T ₉₀ < 60 seconds	T ₉₀ < 60 seconds
Calibration	No Calibration Required	No Calibration Required
Temperature Sensor		
Detection Method	Band Gap	
Range	-40° to 125°C (-40° to 257°F)	
Accuracy	±1°C at 25°C and 50% rH	
Humidity Sensor		
Detection Method	Capacitive Type	
Range	0-100% rH	
Accuracy	±2% rH between 20% and 80% rH	
System Operation		
Temperature	32° to 122°F (0 to 50°C)	
Humidity	0 to 95% RH, Non-condensing	
Power In	20 to 30 VAC; 18 to 28 VDC;	
Consumption	200 mA @ 24 VDC	
Dimensions	3.0 (w) x 4.6 (h) x 1.5 (d) in (11.8 x 7.7 x 3.7 cm)	
Weight	.44 lbs (.20 kg)	
Enclosure	ABS Alloy	
Display	TFT, Multicolor graphical touch screen display; 1.9 (w) x 2.6 (h) in (4.9 x 6.5 cm) (Optional with Analog units)	
Languages	English, French for first release	
Outputs		
Analog	4-20 mA, 0-10VDC selectable	
Digital	Modbus RTU, BACnet MS/TP, LON	
Relay	3 Amps, 250 VAC resistive, and 30 VDC SPDT; Field configurable set point & hysteresis	
Override	Selectable on Display Units	
Mounting Options		
Wall Mount	IP22	
Duct Mount	IP54	
Certifications		
US	ANSI/UL 61010-1	
Canada	CAN/CSA C22.2 No. 61010-1	
Europe	CE EN 13779-2007	
Warranty	5 years	

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