

**IAQ PRO SmartAir™ Certificate Of Accuracy**

This certifies that the following accuracy levels apply to the IAQ PRO SmartAir as sold by CPS Products, Inc.

IAQ PRO SmartAir Measurement Specifications				
Sensing Function	Measurement	Accuracy	Operating Range	Run Time*
Temperature	Temperature	±2.3°F (±1.3 °C)	32°F ~ 122°F (0 ~ 50° C) 10 ~ 95% r.H. 120 ~ 441 in.WC (300 ~ 1100 hPa)	5 Minutes
Pressure	Static Pressure	0.100 in.WC (±0.25 hPa)		
Dew Point	Dew Point Temperature	±2.3° F (± 1.3 °C) ± 5% Of Reading		
Humidity	Relative Humidity	±5% Of Reading		
VOC	Volatile Organic Compounds	±(50ppb + 5%)	32°F ~ 122°F (0 ~ 50° C) 10 ~ 95% r.H. 120 ~ 441 in.WC(300 ~ 1100 hPa) 0 ~ 60,000 ppb	
CO <sub>2</sub>	Carbon Dioxide	± (100 ppm +3% Of Reading)	32°F ~ 122°F 0 ~ 50° C 10 ~ 95% r.H.(300 ~ 1100 hPa) 0 ~ 5,000 ppm	
PM <sub>2.5</sub>	Fine Particulate Matter	± 25ug/m <sup>3</sup> for < 100 ug/m <sup>3</sup> ; ±25% for > 100ug/m <sup>3</sup>	32°F ~ 122°F 0 ~ 50° C, 10 ~ 95% r.H. 120 ~ 441 in.WC(300 ~ 1100 hPa) 0 ~ 1,000 ug/m <sup>3</sup>	
PM <sub>10.0</sub>	Particulate Matter			
*Minimum time to acquire accurate data. Note: If stored in temperature extremes, let SmartAir adjust to indoor temperature (unplugged) for 30 minutes minimum. If OFF for >24 hrs, run for 6 minutes (if OFF > 48 hrs or Initial Start, run 50 minutes).				

**David Ertur, CPS Director Of Engineering**