

### Features & benefits

- Touchscreen
- Delivered calibrated
- No maintenance required
- Real-time monitoring
- Visual display using numbers and colors
- Possibility of mounting on the wall
- Dimensions: 86 mm x 86 mm x 249 mm (WxHxD)



### Product description

The InsightAir Indoor Air Quality Controller is a compact and modern design that fits comfortably in the palm of your hand. It is widely used in residential, commercial and industrial applications, it can effectively improve air quality and create a healthy, comfortable, efficient, eco-friendly, energy-saving living and working environment.

The controller is equipped with electrochemical sensors to measure the following parameters:

- Temperature
- Particulate matter (PM2.5)
- Carbon dioxide (CO2)
- Relative humidity

### Technical aspects

Output	- In use	- <140mA
	- Standby	- ≤80mA
Reaction time	- PM2.5	- ≤8s
	- CO2	- <120s
Lifetime	- PM2.5	- ≥5 year
	- CO2	- ≥10 year
Sample interval	Standard 10 minutes (adjustments on request)	
Sensormodules included	- Total air quality - Particle monitoring	

### Product specifications

	Range	Accuracy
Temperature	-10°C to 50°C	± 1 °C
Particulate matter PM 2.5	0 to 1 000 µg/m <sup>3</sup>	≤ 100µg/m <sup>3</sup> : ±10µg/m <sup>3</sup> > 100µg/m <sup>3</sup> : ±10% reading Reference instrument TSI 8530, 25±2°C, 50±10%RH
Carbon dioxide CO2	0 to 5 000 ppm*	± 50ppm +5% reading @ 0~50°C
Relative humidity (RH)	0% ~ 95% RH	± 8% RH

\*ppm = parts per million