



## Physical Dimensions



The dust monitor unit can be kept on a table or hang to wall (mounted on 2 screws).  
Make

## How to operate

- Connect the CO<sub>2</sub> monitor to 12VDC adapter
- Wait for around 90 seconds, before the readings start showing up
- “Air Sense” shows up on boot up screen. Ignore initial few readings. It will take 3-4 readings for the averaging algorithm to start
- Dust + CO<sub>2</sub> Monitor monitors (FBXDTHCO2) can be kept on a table or mounted on the wall

The sensors are located at various different locations on the machine. The display shows the present value of CO<sub>2</sub>(carbon dioxide), temperature and humidity. Followed by PM2.5 dust density and average clean air %.

The monitor is capable of checking CO<sub>2</sub> from 200 – 10,000 ppm and PM2.5 from 40 – 1400 µg/m<sup>3</sup>. On the left bottom corner of the display shows the AQI (Air Quality Index) bar. The CO<sub>2</sub> values are categorized as GOOD, NORMAL, POOR and ALARM.



Air Quality Index  
**GOOD**

CO<sub>2</sub> less than 600 ppm  
PM2.5 less than 100 µg/m<sup>3</sup>



Air Quality Index  
**NORMAL**

CO<sub>2</sub> 600 – 1200 ppm  
PM2.5 less than 100 – 400 µg/m<sup>3</sup>



Air Quality Index  
**POOR**

CO<sub>2</sub> Value 1200 – 1800 ppm  
PM2.5 400 – 800 µg/m<sup>3</sup>

Air Quality Index  
**ALARM**

CO<sub>2</sub> Value exceeding 1800 ppm  
PM2.5 exceeding 800 µg/m<sup>3</sup>

Corresponding value of air quality index to the displayed for CO<sub>2</sub> readings

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