

FBXYF2T: YellowFox-2 table top CO2 monitor

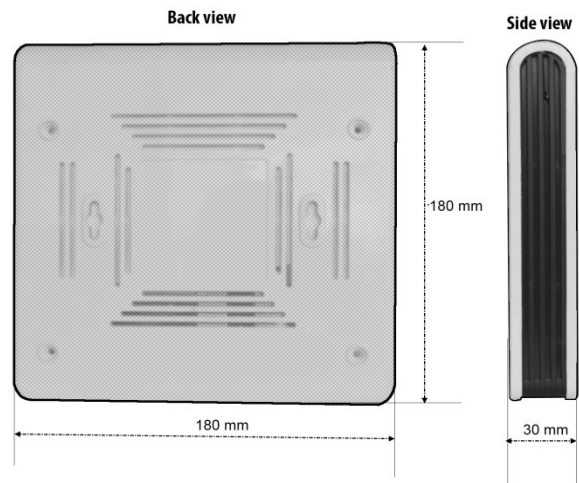
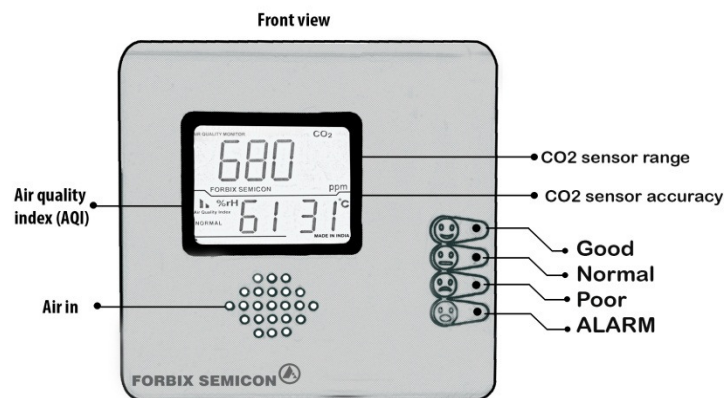
Technical specification



Model: FBXYF2T YellowFox-2 table top CO2-monitor

Parameters	Specifications
CO ₂ sensor element	NDIR (Non Dispersive Infra Red)
CO ₂ sensor range	200-10,000 ppm
CO ₂ sensor accuracy	± 50 ppm + 5% reading value
Temperature / humidity sensor element	Polymer Humidity Capacitor
Operating range	Humidity (0 – to – 100 %rH) Temperature 0°C – to – +70°C
Accuracy	Humidity (±2%rH), max ±2%rH Temperature ± 0.5 °C
Resolution (Sensitivity)	Humidity ±0.1%rH Temperature 0.1 °C
Repeatability	Humidity ±1 %rH Temperature 0.2 °C
Humidity Hysteresis	±0.3 % rH
Long term stability	±0.5 %rH

Air Quality Index	Recommended actions
Good (< 600)	Breathing air quality is healthy
Normal (600 – 1200)	Air purifier is preferable. Might cause breathing troubles (like coughing, sneezing) if exposed for a prolonged duration
Poor (1200 – 1800)	Not good for health. Will cause health hazard if continuously exposed under these breathing conditions
ALARM (> 1800)	Smoky air, not fit to breathe even for more than 10-15 minutes. Recommend to turn off the monitor in such cases



FORBIX SEMICON INDIA PVT. LTD.
Bangalore, India
Website: <https://www.forbixindia.com>
+91 9742370190 / +91 9742159846

FORBIX Osäühing,
Tallinn, Estonia
Website: <https://www.forbix.eu>
+372 880 1510

Email: sales@forbixindia.com

How to operate

- Connect the CO₂ monitor to 12VDC adapter
- Wait for 2-3 minutes before the readings start showing up
- “Air Sense” shows up on boot up screen. Ignore initial readings. It take 3-5 minutes for the sensing unit to stabilize
- CO₂ monitor machines (FBXYF2T) can be kept on a table or mounted on the wall

The sensor is located behind the machine.

On the left bottom corner of the display shows the AQI (Air Quality Index) bar. The CO₂ values are categorized as GOOD, NORMAL, POOR and ALARM.