



Sensor specifications

CO2 sensor

Measures CO2 concentration (in ppm). The active compensation with on-board sensors leads to best CO2 measurement accuracy independently of temperature, altitude or weather conditions.



Specifications

Operating conditions	Temperature	-40 to 60°C
	Relative humidity	0 to 95% (non condensing)
	Pressure	700 to 11000 mbar
Structural	Dimensions (L x d)	136 x 25 mm
	Material	Plastic (PET), UL94HB approved
	Mounting options	Provided with clamp to mount on the 30MHz Connect bracket or a metal rod.

Measurement specifications

CO2	Range	0 to 2000 ppm
	Accuracy	±50 ppm + 2% (for 2000ppm)
	Resolution	1 ppm

30MHz Connect

Every 30MHz sensor is powered by the Connect. It acts like the middleman between the sensor and the platform. This casing protects the electronics from greenhouse environment like moisture, dirt, and changing climate conditions.

The connect comes with a universal mounting bracket.



Specifications

Operating conditions	-10 to 55 °C (10 to 45°C while charging)
Dimensions (L x W x H)	Case: 183 x 113 x 107 mm
	Mounting bracket: 165 x 210 x 205 mm
Range	Indoors from 200 to 400 m (depending on Greenhouse layout)
Power source	Rechargeable battery (duration dependent on the sensor connected)
Protection	Water and dust according to IP67

