



Features:

- Monitors the occupancy in a room by detecting the concentration of carbon dioxide in the return air duct
- Non-dispersive infrared sensing technology automatically updates the calibration of the transmitter using a proprietary logic feature which limits the amount of error due to drift
- Duct mount

Specifications:

Range: 0 to 2,000 ppm
 Accuracy: ± 40 ppm + 3% of reading @ 22°C
 Temp. Dependence: 0.2% f.s. per °C
 Stability: <2% f.s. over life of sensor
 Non-linearity: <1% f.s.
 Pressure Dependence: 0.13% of reading per mm Hg
 Response Time: 3 mins for 90% step change
 Duct Air Velocity Range: 0 to 1,500 fpm (7.63 m/s)
 Power Supply: 18 to 30 VAC rms 50/60 Hz or 18 to 42 VDC
 Output Signal: 0 to 10 VDC
 Housing: Flammability classification UL rated 94V-5
 Weight: 8 oz (230 g)

Model	Description	Price
CDD	Carbon Dioxide Transmitter	\$411

Carbon Dioxide Transmitters



Features:

- Combines accurate CO₂ measurements up to 2000 ppm with a passive temperature output
- Non-dispersive infrared (NDIR) sensor continuously updates the calibration through a proprietary logic feature which limits the amount of error due to drift
- Wall mount

Specifications:

Range: 0 to 2000 ppm CO₂
 Accuracy: ± 100 ppm @ 22°C
 Temp. Dependence: 0.2% f.s. per °C
 Stability: <2% f.s. over life of sensor
 Non-linearity: <1% f.s.
 Pressure Dependence: 0.13% of reading per mmHg
 Power Supply: 18 to 30 VAC rms 50/60Hz, 18 to 42 VDC polarity protected
 Power Consumption: 1.75 VA average 3.25 VA peak
 Output: 0 to 10 VDC for CO₂; 20kΩ NTC thermistor for temperature
 Weight: 0.5 lb (227 g)

Model	Setpoint Range	Price
CDW	CO ₂ /Temp. Transmitter	\$345
CDW-LED	CO ₂ /Temp. Transmitter w/ LED option	\$364