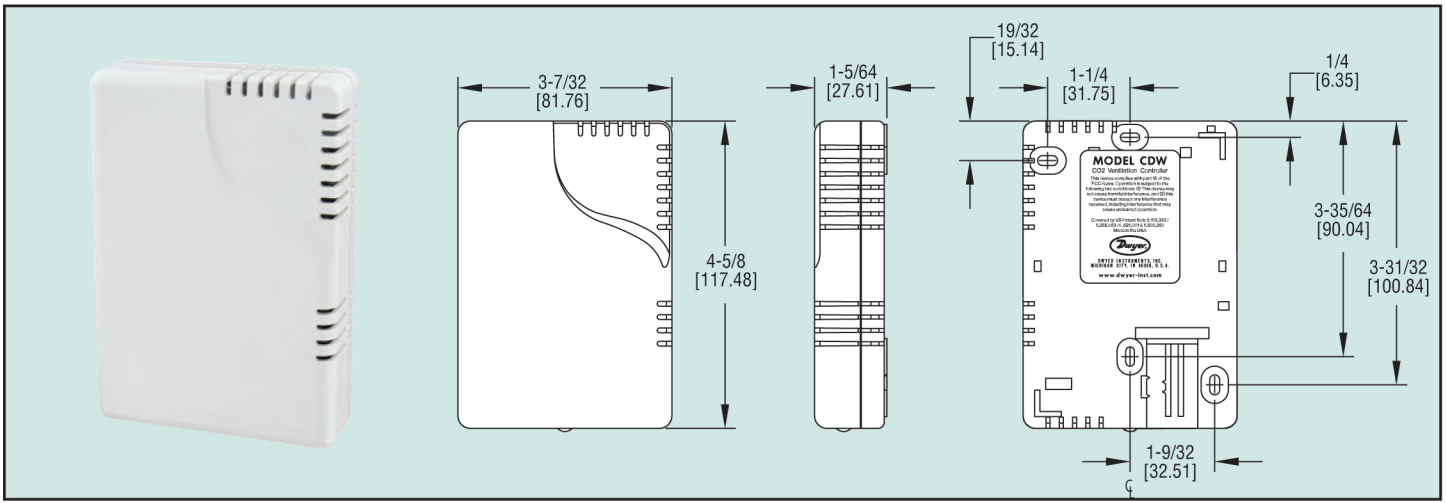
Transmissor de CO e CO2

Dwyer CDW



The Series CDW Wall Mount Carbon Dioxide/Temperature Transmitter combines accurate CO_2 measurements with a passive temperature output. The Non-Dispersive Infrared (NDIR) sensor continuously updates the calibration through a proprietary logic feature which limits the amount of error due to drift. The CDW series is ideal for building automation systems to help control the fresh air intake in a room.

Model CDW, Wall Mount CO_2/Temperature Transmitter
Model CDW-LED, Standard Model with LED Option

SPECIFICATIONS

Range: 0 to 2000 PPM CO_2.
Accuracy: ±100 PPM @ 22°C.
Temperature Dependence: 0.2% FS per °C stability < 2% of FS mover life of sensor.
Non-linearity: < 1% of FS.
Pressure Dependence: 0.13% of reading per mm of Hg.
Response Time: 3 to 5 minutes for 90% step change.
Ambient Operating Temperature: 32 to 122°F (0 to 50°C).
Storage Temperature: -4 to 158°F (-20 to 70°C).
Power Requirements: 18 - 30 VAC RMS 50/60 Hz, 18 to 42 VDC polarity protected.
Power Consumption: 1.75 VA average 3.25 VA peak.
Sensor: Non-dispersive infrared sensor.
Output: 0 to 10 VDC for CO_2; 20K ohm NTC thermistor for temperature.
Weight: 0.5 lb (227 g).
Agency Approval: CE.

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