AirSense™
Digital Control Systems

Proudly
MADE IN USA

Model 308T

CO2 & Temperature Sensor

Digital Control Systems' AirSense™ 308T CO_2 Sensor sets a new standard of affordability, ease of installation, and user-friendly operation. Included in all AirSense 308T is a temperature sensor, available in three different configurations.

1. 1,000 ohm platinum RTD
2. 10,000 ohm type 2 thermistor
3. 10,000 ohm type 3 thermistor

What's new

- *On-board temperature sensor included*
- *AdaptiveSense™ Technology (AST), lifetime maintenance free calibration*
- *Signal Output can be 0-5V, 0-10V, or 4-20mA*

LEED Points

Efficiency

Lower cost!

The AirSense™ Model 308T CO_2 is our lowest cost NDIR CO_2 and temperature sensor, it is designed for economy and ease of installation. With the Model 308T, you do not pay for features that you do not need! Save money, and save energy! This control will pay for itself in no time.

Conservation

Energy-saver!

The AirSense™ Model 308T seamlessly interact with your economizer to heat and cool air, only when needed. Thus it will save energy *and* reduces your carbon footprint! The standard integrated thermistor or RTD temperature sensor allows for easy output and is compatible with most HVAC systems.

Performance

Accuracy

AirSense™ CO_2 sensors are equipped with our exclusive patented AdaptiveSense Technology (AST), ensuring unprecedented precision, stability and lifetime maintenance free calibration. AST employs DCS' automatic calibration software to self correct, ensuring long term accuracy. For 24-hours occupancy facilities, chose the AirSense™ model with 24-hour occupancy capabilities.

Responsibility

Get more for less!

The AirSense™ Model 308T is the successor to our popular Model 308. The Model 308T is our lowest cost CO_2 sensor with integrated temperature sensor designed for HVAC applications.

This next generation has one huge bonus: it is now ***available in a LOW COST duct-mounting format!***

Made in America

AirSense™ ***always has been, and always will be*** designed and manufactured in America!

Made in USA

Parameter	Value
Operating Principle	Non-dispersive infrared (NDIR)
Gas Sampling Method	Diffusion
Measurement Range	0-2000 ppm
Repeatability	± 20 ppm CO2
Measurement Accuracy	± 30 ppm ± 2% of reading
Temperature Accuracy	± 1.5°F (± 0.9°C)
Recommended Calibration Interval	AST lifetime maintenance free calibration
Warm Up Time	Less than 1 minute
Power Requirements	18 - 30 VDC or 18 - 28 VRMS AC
Operating Temperature Range	50 - 122°F (10 - 50°C)
Operating Humidity Range	0 - 95% RH, non-condensing
Voltage Output (linear)	0-5 or 0 - 10 VDC full scale standard
Optional Current Output (linear)	4-20 mA
Dimensions	4.5 x 2.8 x 0.9 inches
Warranty	18 months

OrderingTable **308** T W V 2

Mount style	Description
W	Wall-mount
D	Duct-mount

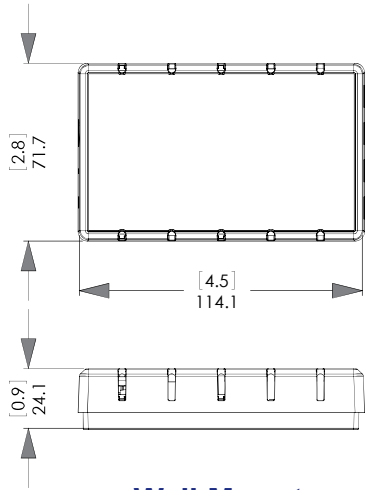
Thermistor	Description
1	1K ohm platinum RTD
2	10K ohm type 2 thermis
3	10K ohm type 3 thermis

Series	Gas Sensor
308	CO2 sensor

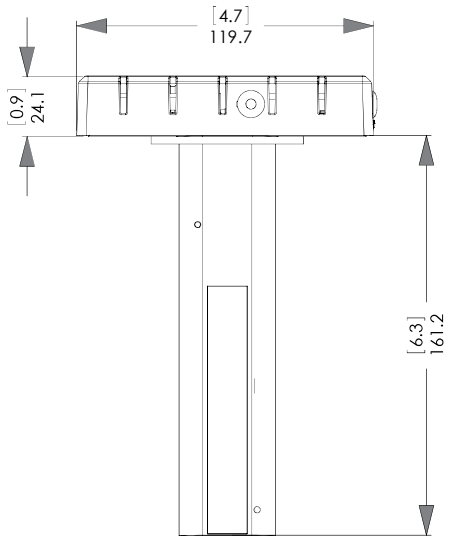
Option	Description
T	Temperature
BLANK	NO Temperature

Output	Description
V	0-5 or 0-10V
C	4-20mA

*For 24 hours occupancy facilities select the **24-hr occupancy option.**



Wall Mount



Duct Mount

RoHS Compliant