AirSense™
Professional Series

WALL MOUNT

DUCT MOUNT

Proudly

MADE IN USA

Model 308
Infrared Carbon Dioxide Sensor

Digital Control Systems' AirSense™ Model 308 CO2 Sensor sets a new standard of affordability, ease of installation, and user-friendly operation.

The Model 308 employs our patented single button calibration, which makes field calibration a snap... but please do not be disappointed if you never need to use this easy calibration feature, because the Model 308 is engineered to give you the very best stability available in a low-cost PPM CO2 sensor.

Efficiency

Lower cost!

The AirSense Model 308 CO2 is our lowest cost NDIR CO2 Sensor. With the Model 308, 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 308 seamlessly interact with your economizer to heat and cool air, only when needed. Thus it will save energy *and* reduces your carbon footprint!

Performance

Accuracy

All of our AirSense CO2 sensors feature our exclusive new patented AdaptiveSense Technology (AST), ensuring unprecedented accuracy and stability.

DCS
Digital Control Systems, Inc.

Responsibility

Get more for less!

The AirSense Model 308 is the successor to our popular Model 307. The Model 308 is our lowest cost CO2 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 (Other Ranges Optional by Request)
Repeatability	± 20 ppm CO2
Measurement Accuracy	± 30 ppm + 2% of reading
Recommended Calibration Interval	5 years
Warm Up Time	Less than 1 minute
Power Requirements	18 - 30 VDC or 18 - 28 VRMS AC
Operating Temperature Range	10 - 50° Celsius
Operating Humidity Range	0 - 95% RH, non-condensing
Voltage Output (linear)	0 - 10 VDC full scale standard.
Optional Current Output (linear)	4-20 mA
Calibration	ONE Point : Single gas calibration
Dimensions	4.5 x 2.8 x 0.9 inches
Warranty	18 months

Ordering Table

Model #	MOUNT STYLE		OUTPUT	
	Wall	Duct	Voltage (0-10V)	Current (4-20mA)
308WV	✓		✓	
308WC	✓			✓
308DV		✓	✓	
308DC		✓		✓

[2.8] 71.7

[4.5] 114.1

[0.9] 24.1

Wall Mount

[4.7] 119.7

[0.9] 24.1

Duct Mount

[6.3] 161.2

Digital Control Systems, Inc.