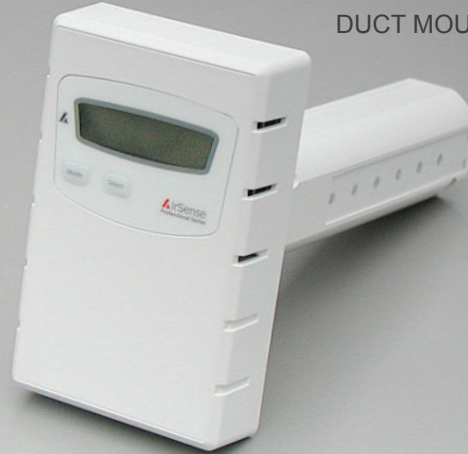


WALL MOUNT



DUCT MOUNT



Proudly



MADE IN USA



What's new

- All in one CO₂, CO, and VOC Multi-gas sensor
- AdaptiveSense™ Technology (AST) lifetime maintenance free calibration
- Signal Output can be 0-5V, 0-10V, or 4-20mA
- AirSense™ CO₂ sensors can be configured for 24-hours occupancy facilities (per-customer's request)

Conservation



About 15% lower cost!

The AirSense 350 series multi-gas sensor does more for less! Priced about 15% lower cost than its predecessor, the Model 350 offers expanded versatility for less money.

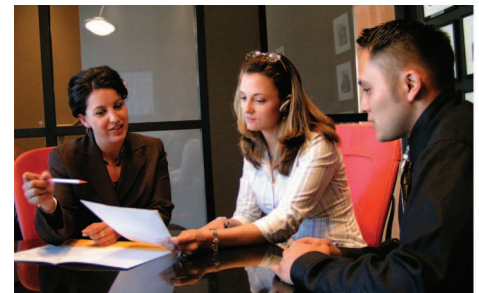
Efficiency



Energy-Efficiency!

The AirSense™ 350 series draws *less energy* than previous generations of multi-gas sensors! This is thanks to our integrated Power Management Software, which operates with such efficiency that you will save money *and* reduce your carbon footprint!

Performance



Reliability!

All of our AirSense™ CO₂ sensors feature our exclusive new patented AdaptiveSense Technology (AST), ensuring unprecedented accuracy, stability and lifetime maintenance free calibration. For 24-hours occupancy facilities, chose the AirSense™ model with 24-hour occupancy capabilities.

Model 350 Series

Multi-gas sensor

It's not just for CO₂ sensing any more!

The AirSense Model 350 is our first multi-gas sensor. Order any of the following sensors, separately or in any combination:

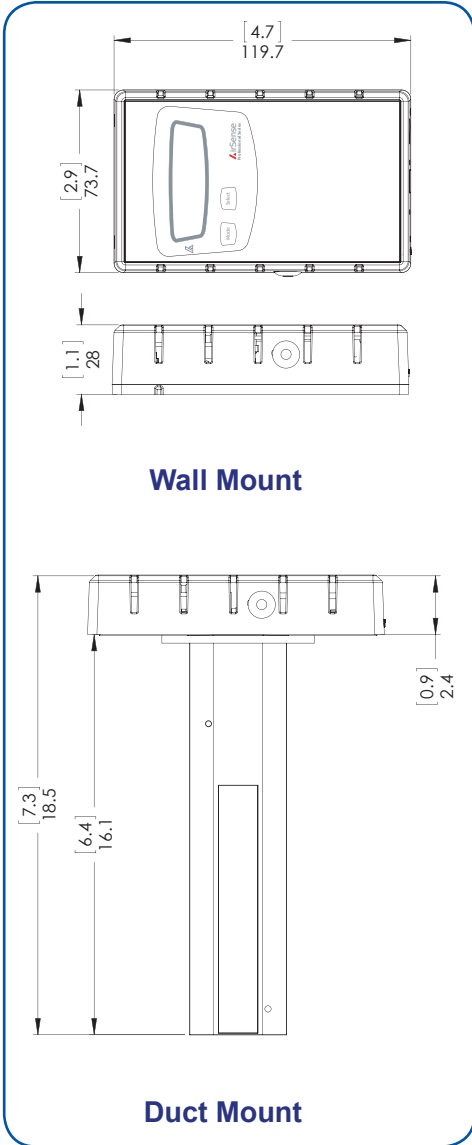
- Carbon Dioxide (CO₂)
- Carbon Monoxide (CO)
- Volatile Organic Compounds (VOC)

Responsibility



Made in America

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



CARBON DIOXIDE SENSOR (CO ₂)	
Parameter	Value
Operating Principle	Non-dispersive infrared (NDIR)
Gas Sampling Method	Diffusion
Measurement Range	0-2000 ppm (Other ranges available by request)
Repeatability	± 20 ppm CO ₂
Measurement Accuracy	± 30 ppm ± 2% of reading
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	32 - 122 °F (0 - 50 °C)
Operating Humidity Range	0 - 99% RH, non-condensing
Voltage Output (linear)	0 - 5 or 0 - 10 VDC full-scale standard
Optional Current Output (linear)	4-20 mA R _{LOOP} < 600 Ω
Calibration (only 24-hr occupancy models)	ONE Point : Single-button calibration (Patented)
Dimensions	4.5 x 2.8 x 0.9 inches
Warranty	18 Months

CARBON MONOXIDE SENSOR (CO)		
Parameter	Value	Comments
Sensor type	Electrochemical	
Measurement range	0 – 200 ppm CO	
Accuracy	± 2.5% of full scale	0 – 50 °C
Recommended Calibration Interval	2 years	
Sensor Life	5 years typical	Actual life depends on ambient humidity & temperature. Replacement modules are available.

VOLATILE ORGANIC COMPOUND SENSOR (VOC)	
Parameter	Value
VOCs detected	Alcohols, aldehydes, ketones, organic acids, amines, aliphatic and aromatic hydrocarbons
Typical response time	<1 minute to 90% full scale
Warm-up time	2 Hours

Mount style	Description	Optional Relay		Optional Piezo Alarm		Occupancy	
W	Wall-mount	R	Relay included	A	Alarm included	24	24-hr occupancy
D	Duct-mount	Blank	No relay	Blank	No Alarm	Blank	normal setting

Ordering Table	
Series	Gas sensor
350	CO ₂
351	CO
352	VOC
353	CO ₂ /CO
354	CO ₂ /VOC
355	CO/VOC
356	CO ₂ /CO/VOC (duct only)

