

WALL MOUNT



DUCT MOUNT



Proudly



MADE IN USA

## Model 350

Infrared Carbon Dioxide Sensor

### Bullet-Proof Performance!

The new AirSense Model 350 delivers reliable and hassle-free carbon dioxide (CO<sub>2</sub>) sensing. You know us as a leader in CO<sub>2</sub>-sensing, but the Model 350 is the strongest, most reliable, and most versatile product we have ever offered!

The Model 350 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 350 is engineered to give you the best stability available in a low-cost PPM CO<sub>2</sub> sensor.

### Conservation



#### About 15% lower cost!

The AirSense Model 350 CO<sub>2</sub> 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 Model 350 draws **less energy** than previous generations of CO<sub>2</sub> 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!

The AirSense Model 350 comes standard with our patented Adaptive CO<sub>2</sub> Sensing software, which prevents the long term drift that has characterized NDIR sensors up to now. Specifically designed to reduce service calls, the Model 350 sets the standard!

## Responsibility



### You get more for less!

The AirSense Model 350 is the successor to our tried-and-true Model 310e. This next generation product allows you to order only those features you need, saving you money!

In addition, new features (such as an alarm or RH Sensor) are now available for very little cost!

**Win more bids** with the versatile and inexpensive Model 350!

### Made in America

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



### Ordering Table

| Mount style | Description | Optional Relay |                | Optional Piezo Alarm |                |
|-------------|-------------|----------------|----------------|----------------------|----------------|
| W           | Wall-mount  | R              | Relay included | A                    | Alarm included |
| D           | Duct-mount  | Blank          | No relay       | Blank                | No Alarm       |



| Output | Description | Optional LCD |              | Optional RH Sensor |                    |
|--------|-------------|--------------|--------------|--------------------|--------------------|
| V      | 0-10V       | L            | LCD included | RH                 | RH Sensor included |
| C      | 4-20mA      | Blank        | No LCD       | Blank              | No RH Sensor       |

| CARBON DIOXIDE SENSOR (CO2)      |   |
|----------------------------------|---|
| Parameter                        | Value   |
| Operating Principle              | Non-dispersive infrared (NDIR)                    |
| Gas Sampling Method              | Diffusion   |
| Measurement Range                | 0-2000 ppm<br>(Other ranges available by request) |
| Repeatability                    | ± 20 ppm CO2                                      |
| Measurement Accuracy             | ± 30 ppm ± 2% of reading, whichever is greater    |
| 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      | 0 - 50 °C   |
| Operating Humidity Range         | 0 - 99% RH, non-condensing                        |
| Voltage Output (linear)          | 0 - 10 VDC full-scale standard                    |
| Optional Current Output (linear) | 4-20 mA R <sub>LOOP</sub> < 600 Ω                 |
| Calibration                      | ONE Point : Single-button calibration (Patented)  |
| Dimensions                       | 4.5 x 2.8 x 0.9 inches                            |
| Warranty                         | 18 Months   |

