



## Water-Resistant Sample Draw Dual Oxygen (0-25%)/Carbon Dioxide (0-50,000 ppm) Monitor

ITEM #. 99188

### Product Summary

The Water-Resistant Sample Draw Dual O<sub>2</sub>/CO<sub>2</sub> Monitor is a self-contained system that is designed for continuous monitoring of inert gases in confined spaces. The monitor can sample O<sub>2</sub>/CO<sub>2</sub> levels from up to 100 feet away and is ideal for facilities that use inert gases including, but not limited to, nitrogen, helium, and argon. The NEMA 4X/IP66 dust and water-tight enclosure protects the monitor against dust, water, and damage from external ice formation. The O<sub>2</sub>/CO<sub>2</sub> monitor is perfect for environments such as breweries, bottling plants, food processing facilities, and laboratories. The monitor will remain accurate at temperatures as low as -40C. PureAire's durable, non-depleting, zirconium oxide sensor cells, and NDIR cells, will last up to 10+years in a normal environment, without needing to be replaced.

### Facilities That Need This Product

- *Laboratories*
- *Breweries and Bottling Plants*
- *Biomedical*
- *Food Processing*
- *Flash Freezing Tunnels*
- *Freezers*

### FEATURES

- No scheduled maintenance required for oxygen sensor
- Long-life, self-calibrating CO<sub>2</sub> sensor
- Local backlit concentration display
- Built-in visual LED alarm indicators
- Two 4-20 mA output signals with dedicated circuits
- Two alarm level set-points for both O<sub>2</sub> and CO<sub>2</sub>
- Two relays for both O<sub>2</sub> and CO<sub>2</sub>
- No drift due to environmental or temperature changes
- 3-year warranty
- Built-in Flow Sample Pump
- NEMA 4X/IP66 Enclosure
- Includes 24V 48W Power supply

### Why choose PureAire?

PureAire Monitoring Systems, Inc. is an industry leader in oxygen monitoring and gas detection. For over 25 years, we have dedicated ourselves to the safety of our clients, and the customers they serve, by manufacturing monitors that are long-lasting, accurate, and reliable. PureAire takes pride in providing exceptional customer service along with 24/7 availability to their technical service department.

### Why a Water-Resistant Sample Draw O<sub>2</sub>/CO<sub>2</sub> Monitor?

The Water-Resistant Sample Draw O<sub>2</sub>/CO<sub>2</sub> Monitor is designed for continuous, remote sampling where low oxygen levels and high levels of carbon dioxide pose a hazard to personnel. The NEMA 4X/IP66 water-resistant enclosure keeps the electronics dry during wash-downs.

### What gases can be detected with a Water-Resistant Sample Draw O<sub>2</sub>/CO<sub>2</sub> Monitor?

PureAire's water-resistant sample draw O<sub>2</sub>/CO<sub>2</sub> monitor continuously measures oxygen and carbon dioxide levels in an ambient atmosphere where inert gases, including nitrogen, argon, helium, and carbon dioxide are used.

### Easy to Use

Secure the monitor to the wall so the display is visible, place the remote sensor up to 100 feet from the monitor, and connect the monitor to a 24VDC 300mA power source. The monitor will begin sampling O<sub>2</sub>/CO<sub>2</sub> levels after a brief startup period. O<sub>2</sub>/CO<sub>2</sub> levels are displayed clearly on the screen for easy access and visibility.

# Top Advantages of Oxygen Deficiency Monitor



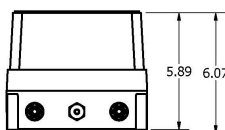
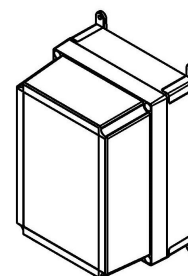
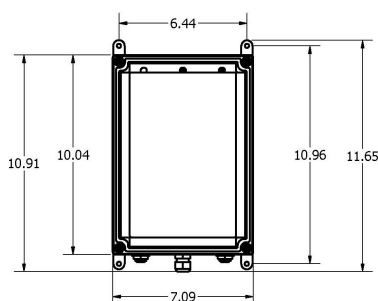
## Water-Resistant Sample Draw Dual Oxygen/Carbon Dioxide Monitor

PureAire's Dual O<sub>2</sub>/CO<sub>2</sub> Monitor comes with 2 adjustable alarm setpoints for both O<sub>2</sub> and CO<sub>2</sub> that can connect to a horn/strobe, ex-haust fan, 8 channel controller, remote display, or into building systems. Alarm signals also can tie into automatic shut-off valves when oxygen levels fall below the OSHA threshold.



## Easy To Use

PureAire's Dual O<sub>2</sub>/CO<sub>2</sub> Monitor provides constant monitoring with little to no adjustments, saving you time and money while allowing the monitor to operate seamlessly. Our quality sensors make this the longest lasting monitor on the market.



## Top Accessories



**8 Channel Programmable  
Controller for O<sub>2</sub> or Gas  
Monitors**

ITEM #: 99196



**Remote Digital Display**

ITEM #: 99091- O<sub>2</sub>  
ITEM #: 99193 - CO<sub>2</sub>



**Red Horn/Strobe  
24VDC**

ITEM #: 42002



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