



## PureAire Gas Detection August Newsletter

### What's New at PureAire

So far, this has turned out to be a very busy and exciting summer for PureAire. We are excited to offer a new Carbon Dioxide 0-50,000ppm Monitor to our growing product line. The new monitor is designed for continuous monitoring of carbon dioxide levels in a wide variety of applications, including breweries, restaurants and bars, schools, office buildings, and any other locations where carbon dioxide may be used, stored, or present. Please contact PureAire for more information or visit us at [www.pureairemonitoring.com](http://www.pureairemonitoring.com) to learn about our new CO2 Monitor.

And PureAire is proud to announce that it has recently received ISO 9001:2015 certification. Achievement of ISO certification validates our long-standing commitment to consistently provide the very best products and services to meet the high expectations of our valued customers.

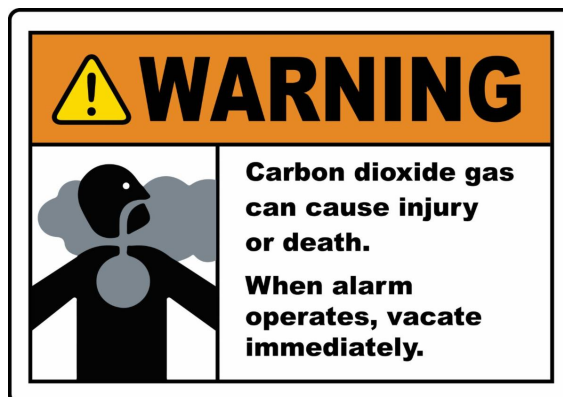
A copy of PureAire's ISO 9001:2015 certificate can be viewed and downloaded using this link:

[PureAire Monitoring Systems ISO 9001:2015 Certificate](#)

Visit our Website

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### Carbon Dioxide Safety – Why It's Important to Monitor Carbon Dioxide



#### What is Carbon Dioxide?

Carbon dioxide is the fourth most abundant gas in the earth's atmosphere after nitrogen, oxygen, and argon. At room temperature, carbon dioxide (CO<sub>2</sub>) is a colorless, odorless, non-flammable gas, but at different temperatures and pressures, carbon dioxide can be a liquid or a solid (i.e., dry ice). Carbon dioxide is produced when fossil fuels are burned, or as vegetation decays. CO<sub>2</sub> is also generated as a by-product in certain manufacturing processes, such as during the fermentation stages when making beer and wine. All living beings exhale carbon dioxide as a normal part of the respiration process, and

plants require carbon dioxide for photosynthesis to take place.

Carbon dioxide displaces or depletes oxygen and, at unsafe levels, can cause dizziness, confusion, headache, shortness of breath, unconsciousness, and even death due to asphyxiation. Carbon dioxide may accumulate in confined spaces, causing health and safety hazards.

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## Industry Spotlight - Agriculture



The Agriculture Industry is the large-scale, commercial production, storage, transportation, and distribution of crops, livestock, poultry, and fish. Most of what is produced are used for food with the remainder used for fuel, and raw materials for other goods. The agriculture industry supports several other industries including but not limited to food and beverage, textile, pharmaceutical, medical, furniture, and automobile.

According to the National Institute of Occupational Safety and Health (NIOSH), agriculture ranks among one of the most hazardous industries. Among the hazards agriculture workers face is exposure to toxic chemicals and gases found in fertilizer, pesticides, and herbicides.

[Read More](#)

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## Featured Product

Our featured product is our PureAire Carbon Dioxide Monitor designed for use in areas where carbon dioxide is used, stored, may accumulate, or is present during production processes such as those that take place inside breweries.

Key features include:

- No maintenance, long-life CO2 sensor
- Self-calibrating CO2 sensor
- Local backlit concentration display
- Built-in audible horn
- Built-in visual LED alarm indicators
- No drift due to environmental or temperature changes
- 3-year warranty
- 24V DC Power supply included

[Additional Information](#)



## PureAire Google Reviews



*"We have a total of 9 PureAire models TX-1100-DRA oxygen monitors installed. Most have been running for many years without incident or maintenance. Customer service when needed has been excellent, with quick support and service. Would not hesitate to recommend." - Matt R..*

*"During a laboratory renovation, we utilized the 8 channel controller (99058) integrated with the 1100 DRA oxygen detectors(99016) also, we included the horn strobes(42002) and remote digital display (99091). This system installed with ease and has a very user-friendly program. PureAire has multiple apparatuses for various systems and applications. I highly recommend PureAire Monitoring Systems and most definitely will revisit their product line for future projects." - Mr. Yzig*

*"Solid product, easy installation, start-up, and ease of operation! Truly a plug and play application!"  
- Richard R.*