

Primary Unit



CO₂ Sensor



Horn Strobe

AEROSPHERE® CO₂ MONITORING SYSTEM

Exclusively Distributed By: Cyl-Tec®

COMPLIANT WITH

- IFC 2018 Edition
- NFPA 55
- NBIC
- UL Listed
- Manufactured in an ISO 9001 Certified facility

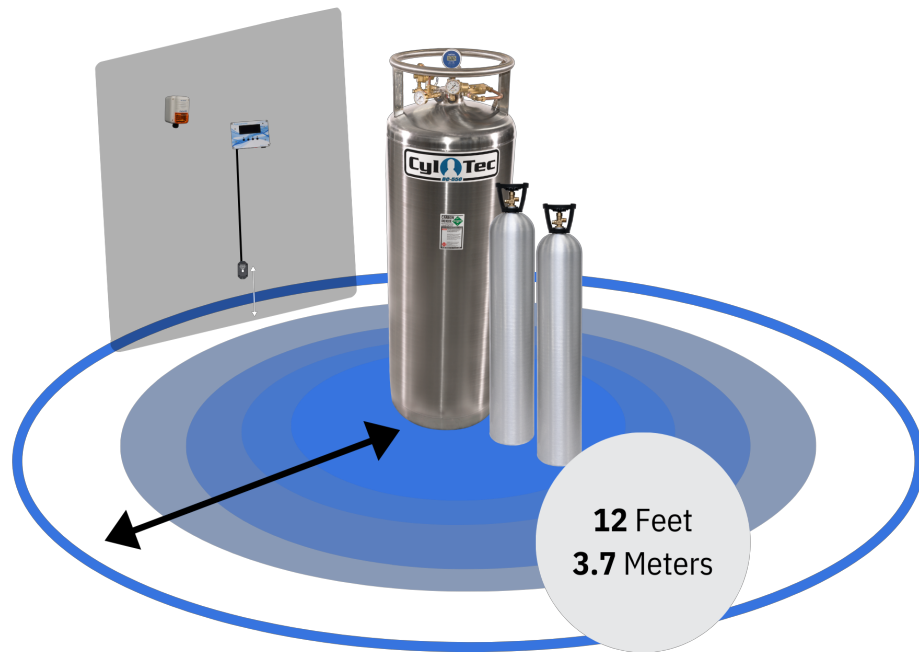


KEY FEATURES

- Flexible Configuration: The system can have up to 4 separate areas being monitored at the same time from one power source
- User-configurable alarm levels and operating modes
- Individual or standard alarm configurable
- Daisy Chain horn strobes
- Two NO/NC relays for connection to fire panels and ventilation system (option for 3rd energized relay for power loss monitoring)
- Designated (red) Solenoid shut off connection for easy plug-and-play installation
- Temperature range of 32 to 125 degrees Fahrenheit

CO₂ MONITORING ALSO OFFERS

- Professional installation of Monitoring Systems
- Permitting
- Design Services
- Drafting
- Telemetry Systems



12 Feet
3.7 Meters

APPLICATIONS OF CO₂ MONITORING

- Restaurants, bars, fast food, gas stations
- Breweries, wineries, stadiums, nightclubs
- Concerts, theaters, SFX
- Slaughterhouses
- Grow houses, Greenhouses
- Freezing industry facilities
- Swimming pools
- CO₂ HVAC units



U.S. TOLL FREE **888-429-5832**

www.cyl-tec.com

CO₂ GAS DETECTION SYSTEMS & ACCESSORIES



Shut Off Solenoid Valve

Shut Off Solenoid valves can be added to the CO₂ tanks for extra security. When a high level of CO₂ is detected by a Solenoid valve it will automatically shut off the flow of CO₂.



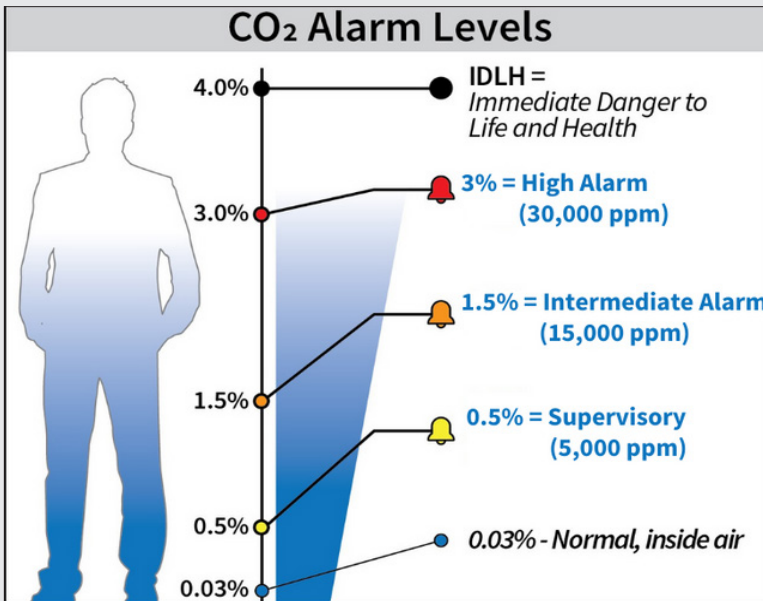
Secondary Sensor Kit

This system can be located hundreds of feet from the Primary Monitor that powers it. Can also be used to satisfy Supervisory requirements for “area normally occupied.” Has the ability for its own Horn Strobe.



Sensor Cover

Sensors are installed 12 inches above the ground for the best results. This cover will protect the sensor from physical and water damage to extend the life of the sensor. (Hardware included)



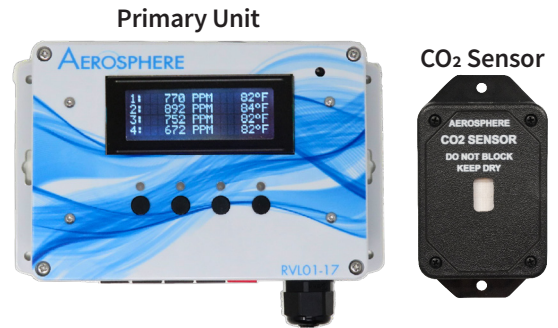
CO₂ RISKS & DANGERS

Carbon dioxide is an odorless, tasteless, invisible gas. Normal levels of CO₂ in the atmosphere are harmless, but an increased level of CO₂ in a working or home environment can have serious health effects.

CO₂ concentration in a location depends on the size of the room and the saturation level of CO₂. Because CO₂ is 1.5 times heavier than normal air, if there is a leak, the gas accumulates from the ground up, making a CO₂ safety system a life-saving device whenever high CO₂ concentration levels are detected.

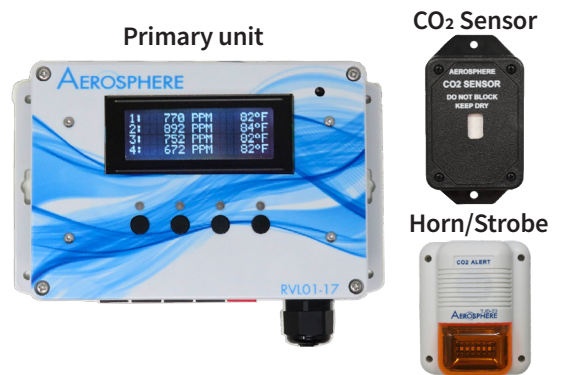
THREE (3) ADJUSTABLE ALARM LEVELS - DEFAULT SETTINGS

1. **Supervisory** — (5,000 parts per million)
2. **Intermediate Alarm** — (15,000 parts per million)
3. **High Alarm** — (30,000 parts per million) - evacuate the area and call fire department



Standard Aerosphere® CO₂ Monitoring System

The “Primary Unit” system is a CO₂ single sensor with integrated audible/visible alarm indicators, designed to measure CO₂ concentrations in a confined space environment at any location.



Complete Aerosphere® CO₂ Monitoring System

This complete “Plug and Play” system contains a Primary Unit, CO₂ Sensor, Horn Strobe, 704 Hazmat Sign, 6 ft. Sensor Cable, 2 ft. Horn Strobe Cable, Screws/Cable Clamps/Power Strap, three Signs, and Installation Manual.