AEROSPHERE™ Indoor Carbon Dioxide Monitoring System

Features

- Flexible configuration. One master location can monitor up to three additional CO_2 sensors with linked alarms

- Each sensor is controlled and monitored by its own local readout unit

- Digital LCD displays CO_2 parts per million and temperature for each station

- Optional repeater display with alarm indicators shows CO_2 parts per million and temperature at the master sensor

- Digital RS485 signaling between stations, with range in excess of 100 feet

- Sensors are separate from readout units

- Three alarm levels, each with its own relay

- User configurable alarm levels and operating modes

- Configurable for 8 hour rolling average

- Automatic or manual alarm cancel

- Multiple internal or external audible alarms and beacons may be added to each station

- Shut-off valve control

- Easy plug and play installation

Specifications

- Measurement range 0 - 50000 ppm

- High accuracy Telaire™ CO_2 sensors

- Alarm defaults 5000, 15000, 30000 ppm

- Response time less than 60 seconds

- Temperature range 32 to 125 degrees F

Electrical Specifications

- Power supply 90-250V AC, 1A Max

- Optional 24V DC, 2.5A max

- Relays DPDT, 24V DC / 250V AC, 2A

Options

- Remote sensors

- Remote readout of master sensor

- Optional 24 hour battery operation

- External audible alarms and strobes

- Service contract and extended warranty

Optional remote sensor or repeater display, with audible alarm and strobe

Aerosphere™ is an effective and versatile CO_2 safety monitoring system for people working in proximity to the gas, whether bottled or dry ice. Its unique separate sensor configuration allows gas to be monitored near floor level with the readout mounted at eye level. Up to four locations may be monitored simultaneously. Alarms may be linked, sounding at all locations, or separate, sounding only at the location in alarm. Multiple bright visual strobes ensure that no alarm is overlooked.

*The Aerosphere™ system complies with **all** current regulations.*

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