ST-48 Combustible/Toxic Gas Monitor

Product Summary

The PureAire ST-48 Combustible/Toxic Gas Monitor is ideal for facilities that require continuous monitoring of toxic or combustible gases in hazardous areas. The enclosure is specifically designed to prevent an explosion. The monitor is best suited for environments such as refineries, wastewater treatment, parking garages, laboratories, pharmaceutical, research and development, natural gas locations, and the oil and gas industry and any other locations where toxic or combustible gases are present. Operator interface is via a menu driven magnetic keypad allowing full access without opening the enclosure. The monitor is housed in a NEMA 7 explosion proof enclosure suitable for Class 1, Division 1 and 2, Group B, C, and D.

Industries That Need This Product

- *Refineries*
- *Natural Gas Operations*
- *Laboratories*
- *Pharmaceutical*
- *Parking Garages*
- *Oil and Gas*
- *Wastewater Treatment*

FEATURES

- **Non-Intrusive one-man calibration**
- **Explosion-Proof enclosure Cl. 1, Div. 1 & 2, Gr. B, C, D**
- **6" Back-lit LCD Display with Bargraph and Trending**
- **4-20mA Output**
- **User Adjustable Dual Alarm Relays**
- **RS-485 Modbus Optional**
- **NRTL/ATEX Certifications**

Why Choose PureAire?

PureAire Monitoring Systems, Inc. is an industry leader in oxygen monitoring and gas detection. For over 20 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 our technical service department.

Why an ST-48 CombustibleGas Monitor?

The PureAire ST-48 Combustible/Toxic Gas Monitor is designed for continuous monitoring where toxic or combustible gases are used, and the risk of an explosion, or a leak pose a hazard to personnel.

Set Up

Secure the ST-48 monitor to the wall so the display is visible, and connect the monitor to the power source. The ST-48 will begin sampling gas levels after a brief startup period. Gas levels are displayed clearly on the screen for easy access and visibility.

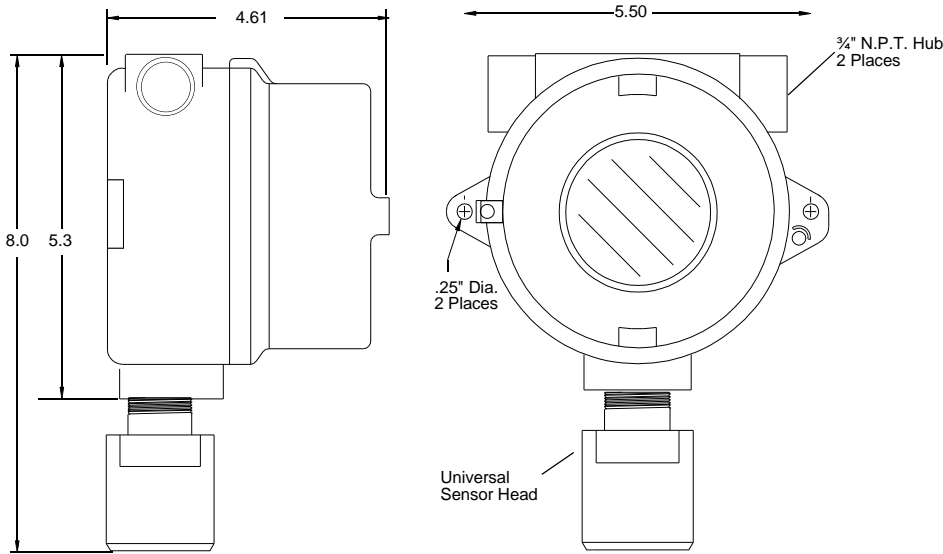# Top Advantages of **ST-48** Combustible/**Toxic** Gas Monitor

Gas Detector Alarms

PureAire's ST-48 Combustible/Toxic Gas Monitor comes with 2 adjustable alarm set-points that can connect to a horn/strobe, exhaust fans, 8 channel controller, remote display, or into building systems. Alarm signals also can tie into automatic shut-off valves when gas levels reach an unsafe threshold.

Easy To Use

The ST-48 Combustible/Toxic Gas Monitor provides constant monitoring with little to no adjustments, saving you time and money while allowing the monitor to operate seamlessly.

4.61

5.50

¾" N.P.T. Hub
2 Places

8.0   5.3

.25" Dia.
2 Places

Universal
Sensor Head

Optional Gases

Item#	Description
95107 -	ST-48 Carbon Monoxide 0-100ppm
95108 -	ST-48 Combo CO2/Methane 0-100ppm/0-100% LEL
95114 -	ST-48 Isopropyl Alcohol 0-1,000ppm
95122 -	ST-48 Hydrogen Sulfide 0-30ppm
95125 -	ST-48 Ethanol 0-100% LEL
95126 -	ST-48 Ethylene Oxide 0-100% LEL
95132 -	ST-48 Hydrogen 0-100% LEL
95133 -	ST-48 Propane 0-100%LEL
95134 -	ST-48 Isobutyl 0-100% LEL
95135 -	ST-48 Methane 0-100% LEL
95139 -	ST-48 Ethyl Acetate 0-100% LEL
95140 -	ST-48 Diethyl Ether 0-100% LEL
95141 -	ST-48 Toluene 0-100% LEL
95142 -	ST-48 Tert Butanol 0-100% LEL
95143 -	ST-48 Cyclohexane 0-100% LEL
95144 -	ST-48 Acetonitrile 0-100% LEL
95145 -	ST-48 Tetrahydrofuran 0-100% LEL
95146 -	ST-48 Methanol 0-100% LEL
95147 -	ST-48 Isopropanol 0-100% LEL
95148 -	ST-48 Dichloromethane 0-100% LEL
95149 -	ST-48 Dimethylformamide 0-100% LEL
95161 -	ST-48 Acetylene 0-100% LEL
95162 -	ST-48 Hexane 0-100% LEL
95163 -	ST-48 Acetone 0-100% LEL
95164 -	ST-48 Heptane 0-100% LEL
95165 -	ST-48 Hydrogen Sulfide 0-200ppm
95166 -	ST-48 Hydrogen Sulfide 0-500ppm

Top Accessories

8 Channel Controller for Gas Monitors

ITEM #: 99058

Remote Digital Display

ITEM #: 99091

Red Horn/Strobe 24VDC

ITEM #: 42002