

# Acetone Gas Sensor

# SS-GS-ACE1

## Product Specifications

### UNIT DIMENSIONS

2.75" H x 2" W x 1" D

### UNIT MATERIAL

Plastic Case, Almond

### WEIGHT

Approx. 2.5 Ounces

### ELECTRICAL

9V DC Wall Power Supply

### ALARM SOUND LEVEL

100 dBA

### OPERATING & STORAGE TEMP

-40° C ~ +70° C @ -50° RH

### CHEMICAL CALIBRATION

Acetone

### ALARM THRESHOLDS

Low - 250 PPM Detection Trigger

High - 850 PPM Detection Trigger

*Note - The NIOSH Recommend Exposure Limit is 250 PPM and the OSHA Permissible Exposure Limit is 1,000 PPM for Acetone as published on their websites in 2015.*

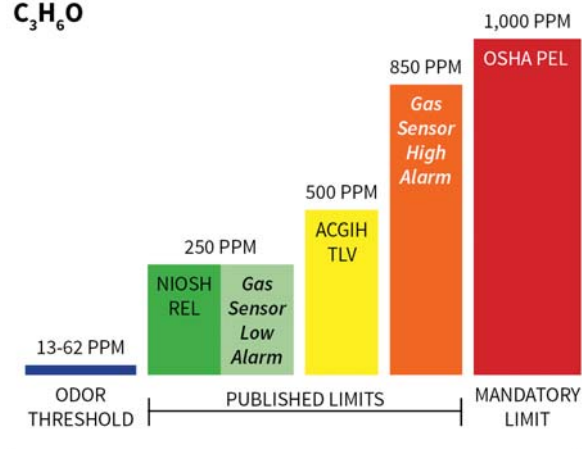
### WARRANTY

Limited 90-day warranty from date of shipment on defects due to materials or workmanship.



### ACETONE

[occupational exposure limits]



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## Product Features

- Power Supply Wall Adapter Included
- Mounting Bracket Included (When sold with Series 200 air cleaner)
- Mounting Magnet Included (When sold with Series 300, 400/450 air cleaner)
- Multi-Alarm Thresholds
- Compact, Lightweight Case
- Low Power Consumption
- Zero Calibration or Maintenance

The Sentry Air Systems **Acetone Gas Sensor** is a device utilized to detect acetone vapor concentrations at the filter outlet. During operation, the gas sensor continuously monitors the filter outlet and registers any changes in detected levels of vapor. If it detects concentrations above a pre-programmed level, the unit will alert the operator by either a flashing red LED and/or audible alarm. The sensor functions by measuring resistance current. For optimal performance, place the sensor within two inches of the filter exhaust.

The Acetone Gas Sensor is calibrated based on current, published OSHA and NIOSH exposure limits (in PPM) for Acetone. Typical applications include: Acetone parts cleaning, wiping, dipping, soaking; epoxy work; and cleaning tanks.

Note: The Acetone Gas Sensor is calibrated for Acetone-specific applications. It is important to note that the Low Odor Threshold of Acetone usually occurs around 20 PPM. Acetone is known to evaporate at room temperature. This means that the operator is likely to smell acetone odors well before the room reaches either NIOSH or OSHA exposure limit thresholds.



1.800.799.4609  
[www.sentryair.com](http://www.sentryair.com)  
[sales@sentryair.com](mailto:sales@sentryair.com)

