

## Acetone Gas Sensor

Model # SS-GS-ACE1



The **Acetone Gas Sensor** attaches to the filter outlet to detect acetone vapor concentrations. 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.*



Acetone Gas Sensor

### Product Features

- **Includes:** power supply wall adapter, mounting bracket (for Model 200 air cleaners), mounting magnet (for Model 300, 400, and 450 air cleaners)
- Multi-alarm thresholds
- Compact and lightweight case
- Low power consumption
- Zero calibration or maintenance

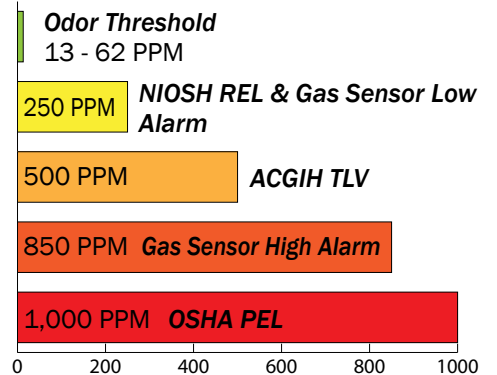
### Product Specifications

<b>Unit Dimensions</b>	2.75" x 2" x 1"
<b>Unit Material</b>	Plastic case, almond
<b>Weight</b>	Approx. 2.5 ounces
<b>Electrical</b>	9V DC Wall Power Supply
<b>Alarm Sound Level</b>	100 dba
<b>Operating/Storage Temperature</b>	-40°C – 70°C @ 50° RH
<b>Chemical Calibration</b>	Acetone
<b>Alarm Thresholds</b>	<b>Low:</b> 250 PPM; <b>High:</b> 850 PPM
<b>Warranty</b>	Limited 90 Day warranty from date of shipment on defects due to materials or workmanship



The Acetone Gas Sensor easily mounts on the air cleaner to detect acetone levels in the filtered air.

### Acetone Occupational Exposure Limits



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