

OA-1 Ozone Alarm



The OA-1 Ozone Alarm is the perfect human safety alarm with a built-in audible alarm and visual strobe light to alert of unsafe ozone levels. The Ozone Alarm features user settable alarm point, auxiliary relay for external system control, and a 4-20 mA output.

OZONE ALARM TECHNOLOGY

The OA-1 ozone alarm is a fixed mount device with an audible alarm and visual strobe light designed specifically for use in human safety applications. This device features a user-settable alarm point with an auxiliary relay to control external devices such as fans, ozone generators, etc. The relay and alarm trigger together at the user-selected ozone set-point.

A large display is available to indicate both current ozone levels, and a trend of ozone levels over the last 12 hours of operation via a colorful graph.

SYSTEM FEATURES

- Red strobe light will alert of ozone levels above set-point
- Audible siren will alert on ozone levels above set-point
- Volume can be adjusted simply by turning the cover of the siren
- User-settable alarm set-point
- Auxiliary relay (10-amp) can be used for external control, relay triggers simultaneously with the alarm set-point
- Optional display indicates current ozone level and trend of ozone levels over the last

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Ranges	Resolution	Response Time	Dimensions (inchesHxWx)	Power Requirement
0-0.1 ppm	0.01 ppm	8 seconds	11" x 4.5" x 8"	120 VAC @ 300 mA
0-1.0 ppm	0.01 ppm	8 seconds	11" x 4.5" x 8"	120 VAC @ 300 mA
0-10.0 ppm	0.1 ppm	8 seconds	11" x 4.5" x 8"	120 VAC @ 300 mA

REPLACEABLE SENSOR

The AO-1 Ozone Alarm uses the SM-3 Sensor for ozone detection. This is a field-replaceable sensor chip that can be replaced every 6-months to a year to maintain ozone detection accuracy without ever having to remove the OA-1 from service. Simply pull the old sensor off, and replace it with new at a cost comparable to calibration.

As the replacement sensor has a similar cost to calibrating an existing sensor, long-term sensor + calibration cost will be lower than any other comparable sensor options that require calibration, then, eventual sensor replacement.

DATA LOGGING

Data logging with the OA-1 Ozone Alarm is possible with an external data logger such as the DL-3. Using the 4-20 mA output signal from the OA-1 the DL-3 can log and save gas measurements.

Use the Wireless Monitoring & Data logging Kit with your fixed mount monitor to connect it to the internet allowing access from anywhere. Receive Instant notifications with free text and email alerts. This is a great addition for your fixed mount gas detector.



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