



Lpg Smoke & Gas Fire Alarm

Lpg & Fire Alarm System

For Residential & Moderate Commercial Use

- Avoid Smoke Inhalation:
- Early Fire Detection:
- Discounts on Insurance:
- Decreased Risk of Fire Damage:
- Placement Flexibility:
- 24/7 Monitoring:
- Easy & Affordable:
- Low Maintenance:

FEATURES:

1
YEAR*
WARRANTY

The most common causes of home fires were from cooking, heating, electrical distribution, and lighting systems, including those used during the holidays, like Christmas trees and lights.¹ Fireplaces used during the holidays and colder months can create hazards as well.

A fire alarm system includes many components and features to help keep you protected. It saves lives by warning building occupants of emergencies so they can get out of danger. The typical components in a fire alarm system that provide protection and life-saving benefits include:

A primary/secondary power supply, including batteries
A sensitive carbon monoxide and/or smoke detector
Audible alerts, flashing lights, and other notifications
Pull stations, smoke alarms, and other initiating devices
A control panel for constant monitoring and dispatch management



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* Conditions Apply



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Features

- Plug-in detector line, mounting base included
- Large wire entry port
- In-line terminals with SEMS screws
- Mounts to octagonal and single-gang back boxes, 4-square back boxes, or direct to ceiling
- Stop-Drop 'N Lock attachment to base
- Removable detector cover and chamber
- Built-in remote maintenance signaling
- Drift compensation and smoothing algorithms
- Simplified sensitivity measurement
- Wide-angle, dual-color LED indication
- Loop testing via EZ Walk feature
- Built-in test switch



Smoke Detector Specifications

Architectural/Engineering Specifications

Smoke detector shall be a System Sensor i3 Series model number _____, listed to Underwriters Laboratories UL 268 for Fire Protection Signaling Systems. The detector shall be a photoelectric type (Model 2W-B, 4W-B) or a combination photoelectric/thermal (Model 2WT-B, 4WT-B) with thermal sensor rated at 135°F (57.2°C). The detector shall include a mounting base for mounting to 3½-inch and 4-inch octagonal, single-gang, and 4-inch square back boxes with a plaster ring, or direct mount to the ceiling using drywall anchors. Wiring connections shall be made by means of SEMS screws. The detector shall allow pre-wiring of the base and the head shall be a plug-in type. The detector shall have a nominal sensitivity of 2.5 percent-per-foot nominal as measured in the UL smoke box. The detector shall be capable of automatically adjusting its sensitivity by means of drift compensation and smoothing algorithms. The detector shall provide dualcolor LED indication that blinks to indicate power up, normal standby, out of sensitivity, alarm, and freeze trouble (Model 2WT-B, 4WT-B) conditions. When used in conjunction with the 2W-MOD2 module, 2-wire models shall include a maintenance signal to indicate the need for maintenance at the alarm control panel and shall provide a loop testing capability to verify the circuit without testing each detector individually.

Electrical Specifications

Operating Voltage Nominal: 12/24 V non-polarized

Minimum: 8.5 V

Maximum: 35 V

Maximum Ripple Voltage 30% peak to peak of applied voltage

Standby Current 2-wire: 50 µA maximum average; 4-wire: 50 µA maximum average

Maximum Alarm Current 2-wire: 130 mA limited by control panel; 4-wire: 20 mA @ 12 V, 23 mA @ 24 V

Peak Standby Current 2-wire: 100 µA; 4-wire: n/a

Alarm Contact Ratings 2-wire: n/a; 4-wire: 0.5 A @ 30 V AC/DC

Physical Specifications

Dimensions (including base) 5.3 inches (127 mm) diameter; 2.0 inches (51 mm) height

Weight 6.3 oz (178 g)

Operating Temperature Range

2W-B and 4W-B: 32°F to 120°F (0°C to 49°C); 2WT-B and 4WT-B: 32°F to 100°F (0°C to 37.8°C)

Operating Humidity Range 0 to 95% RH non-condensing

Thermal Sensor 135°F (57.2°C) fixed

Freeze Trouble 2WT-B and 4WT-B only: 41°F (5°C)

Sensitivity 2.5%/ft nominal

Input Terminals 14 to 22 AWG

Mounting 3½-inch octagonal back box

4-inch octagonal back box

Single-gang back box

4-inch square back box with a plaster ring

Direct mount to ceiling



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