240-COe Carbon Monoxide Alarm
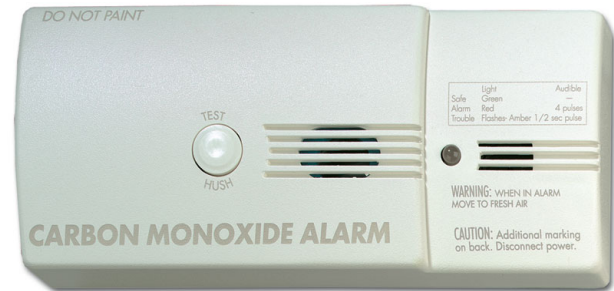### *ESL SafeAir 240 series CO alarm*

Overview

The ESL SafeAir™ 240-COe alarm is the only industrial-grade carbon monoxide (CO) alarm specifically developed for use in a monitored home security system. The unit is designed to the same standards as CO sensing systems used to protect workers in industrial plants and hospitals. The ESL 240-COe alarm's high reliability makes it an ideal solution for both residential and commercial life safety systems.

Outstanding Features

The alarm operates on a unique industrial-grade electrochemical sensor that continuously monitors for CO and is unaffected by temperature variations. It self-adjusts for temperature to operate accurately in most weather conditions and also adjusts its sensitivity throughout its life to operate continously at peak performance. The sensor communicates with a sophisticated on-board microprocessor that accurately calculates CO levels and exposure time. When compared to other popular CO-sensing technologies, the ESL 240-COe alarm's electrochemical technology offers better response time, quicker reset time, and superior false alarm immunity.

The 240-COe alarm has a low, 8 mA current draw, virtually eliminating the need for an additional power supply. Its contoured design and small size allow it to blend well with many residential and commercial environments.

The 240-COe alarm meets UL 2075 and has been evaluated to the CO alarm sensitivity limits of UL 2034, which allows for installation in a wide variety of applications.

Standard Features

- **End of Sensor Life indicator warns when alarm replacement is needed**
- **TEST/HUSH button makes testing and silencing the alarm simple**
- **85 dBa temporal 4-sounder provides distinctive alarm notification**
- **Low 8 mA current draw eliminates need for additional power supplies**
- **Exclusive industrial-grade electrochemical technology increases reliability**
- **MEA and CE listed**

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Specifications

Electrical
- Voltage: 12 VDC (supplied by a UL-listed control panel)
- Current: 8 mA normal; 75 mA max. in alarm
- Relay contact: 50 mA @ 12 VDC
- Electrical configuration: Normally Open, Normally Closed

Features
- CO alarm level: 70 ppm or higher (60 to 240 min.)
- Sounder: 85 dBa built in
- Self diagnostic; self tests every 2.5 seconds

Environmental
- Operating temperature: 40 to 100°F (4.4 to 38°C)
- Storage temperature: -4 to 158°F (-20 to 70°C)
- Relative humidity: 15 to 90% noncondensing
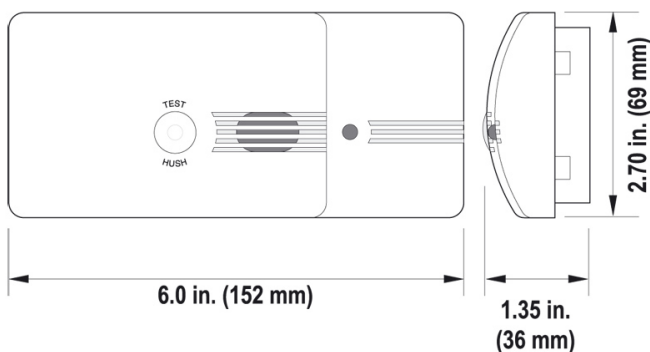- Altitude: Equal to or less than 6,000 ft.

Physical
- Dimensions (HxWxD): 2.7 x 6.0 x 1.35 in. (69 x 152 x 36 mm)
- Weight: 4 oz. (114 g)
- Color: White

Regulatory
- UL 2075, CE, MEA

Related Diagram

Ordering Information

240-COe	SafeAir carbon monoxide alarm, test/hush button, sounder, end-of-sensor-life indicator, 12 VDC

GE Security

www.GESecurity.com