

Description

The Carbon Monoxide Sounder Base is an addressable combination carbon monoxide detector and sounder base, to be used as a stand-alone device or with the addition of a Discovery UL or XP95A smoke, heat or multi-sensor detector. A single ceiling or wall mounted device used for life safety, designed to work with UL listed fire alarm control units that utilize the Apollo protocol. The on-board public mode notification 85dB sounder is synchronize-able and prioritized for fire (temporal 3) and carbon monoxide (temporal 4) detection.

When the Carbon Monoxide Sounder Base is used as a stand-alone carbon monoxide detector, two blank covers are available in a low-profile design or a higher profile to provide a finished look.

Technical Data

Operating Voltage	17-33VDC (24VDC Nominal)
Loop Standby Current	400 μ A
Loop Alarm Current	3.5 mA
NAC Standby Current	0 mA
NAC Alarm Current	33 mA
Audible Intensity	85dB @ 10 Feet
Environmental	32°F to 122°F (0°C to 50°C) 10% to 85% RH Non-Condensing/ Non-Freezing
Wiring	Solid or Stranded #12 to #22 AWG Terminals

CO Alarm Levels (PPM)

Carbon Monoxide Levels (Applicable National Standard)	Alarm (Response Time)
70 parts per million (UL 2075/2034)	Within 4 hours
150 part per million (UL 2075/2034)	Within 50 minutes
400 parts per million (UL 2075/2034)	Within 15 minutes

As required for Life Safety application



Features

- Individual addresses for fire and CO detection are programmed separately and housed in the base
- Six-year, field replaceable electrochemical CO sensor with end-of-life system signaling
- NFPA 72 and NFPA 720 compliant
- 4 wire input accommodates power via regulated NAC or external power supply

Construction

The Intelligent sounder base is molded in non-yellowing polycarbonate and has stainless steel contacts that accept #12 to #22 solid or stranded wire

Installation

The 6-inch diameter base mounts to a 4-inch octagonal and a 4-inch square boxes. When mounting detectors on a ceiling, install at least 4 inches from a wall. When mounting detectors on a wall, install 4 to 12 inches from the ceiling

Listing

UL Standard, CSFM

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