



120V AC  
Direct Wire With  
Battery Back-up

## Carbon Monoxide Alarm

Item: 10000

### Why Install a FireX Carbon Monoxide Alarm?

FireX carbon monoxide alarms provide contractors and homeowners with innovative technology and the reliable, trouble-free performance they expect from FireX products, a market leader in products for the professional market.

Carbon monoxide is the #1 cause of death from poisoning in the United States. The Consumer Product Safety Commission recommends "installation of at least one carbon monoxide alarm in every household."

FireX carbon monoxide alarms offer the technology and product features to provide the best protection from carbon monoxide poisoning available.

With state-of-the-art production testing equipment and installer focused innovations, FireX products have earned their reputation as the most preferred alarms among contractors.

# FIREX<sup>®</sup>

## Carbon Monoxide Alarm

With **monox** Technology

### Features and Benefits

#### **EXCLUSIVE Monox<sup>®</sup> Sensor with True-Test<sup>™</sup> Sensor Diagnostics**—

Verifies that carbon monoxide sensor and electronics are working properly, and warns when the sensor is nearing the end of its service life.

**EXCLUSIVE Automatic Monthly Self-Test** — Alarm performs a silent internal system test to verify CO sensor operation.

**EXCLUSIVE True End of Life Replacement Alert** — End of service life is detected *from the carbon monoxide sensor* in the alarm and provides warning that the unit should be replaced.

**EXCLUSIVE Interconnect Test** — In an interconnected system, this feature will alarm the local unit first, then quiet the local unit while the remote units alarm.

**Front Loading Battery Door** — Eliminates battery handling during installation and allows for safe and convenient battery replacement.

**Battery Pull Tab** — Makes installation faster and easier, reducing callbacks due to battery failure. Simply pull tab, close door and press test button.

**Latching LED Alarm Indicator** — After a carbon monoxide alarm condition the single RED light on the triggering alarm blinks until reset.

**Smart Quiet<sup>™</sup> Trigger Alarm Locator** — Pushing test button quiets all alarms EXCEPT the one that triggered the alarm.

**Smart Quiet<sup>™</sup> Low Battery Silencer** — Silences low battery alert up to 10 hours.

**Quick Quiet<sup>™</sup> False Alarm Control** — Quiets unwanted carbon monoxide alarms for up to six minutes.

**Dust Cover** — Protects from dust, dirt, fumes or other common contaminants during construction, reducing false alarms and callbacks.

**FireX<sup>®</sup> Compatible** — Interconnects with most FireX smoke, heat and CO alarms. (See Technical Specifications section for interconnectable FireX units.)

**Ramp-up Horn** — Protects your hearing when testing the alarm by building up the decibel level slowly, giving you time to move away from the horn before the full alarm sequence begins.



An ISO 9002 Certified Company



## Carbon Monoxide Alarms

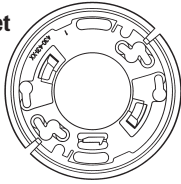
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# FIREX®

Carbon Monoxide Alarm

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### Mounting Bracket



### Side View



## Architectural Specifications

The 10000 carbon monoxide alarm shall be 5" in diameter (12.7 cm) and shall be powered by a 120 VAC, 60 Hz with a 9 volt battery back-up. 100% solid state circuits shall operate over an input range of 100-130 VAC. This alarm shall be rated at no greater than 0.05 amp in standby. Operating temperature shall be between 40°F to 100°F (4.4°C to 37.8°C) and relative humidity between 15%-95%. Item 10000 shall operate independently or is interconnectable with up to 12 smoke alarms and a combination of up to 6 carbon monoxide, or 6 heat alarms for a total of 18 units. Item 10000 can share the interconnect wire of smoke and heat alarms, but the 10000 will remain silent if smoke or heat is detected by the interconnected smoke and heat alarms. Both CO alarms and smoke alarms need to be installed in those areas to be protected. Quick connect pigtail wiring and separate mounting brackets are included with these units to allow surface, junction box or octagon box installation.

This FireX carbon monoxide alarm uses an electrochemical sensor and shall have an alarm horn that emits 85 decibels at 10 feet. The built-in red LED flash is accompanied by four fast horn beeps when dangerous CO levels are detected (10% or more COHb potential). A green LED shall indicate AC power ON when present. The amber LED flash is accompanied by two quick horn beeps per minute when unit is not functioning properly and needs replacement. The unit performs a silent internal system test to verify sensor operation monthly. The 10000 shall meet the requirements of UL 2034.

## Ordering Data

Item No.	Model No.	Agency Listing
10000	COE	UL

## Invensys Controls

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## Technical Specifications

<b>Product Weight</b>	8 oz.
<b>Operating Temperature</b>	40°F to 100°F
<b>Interconnect Quantity.</b>	Up to 18 FireX devices maximum; FireX smoke alarm items 5000 and 4618 (model FADC), 4518 (model ADC), 4418 (model AD), 4580 (model FAPD), 4480 (model PAD), 4671 (model TPCI), 406 (model G) FireX heat alarm 5700 (model ADH), FireX CO alarm 10000 (model COE), 10400C (model COEA) (up to 6 heat and CO alarms maximum). Not compatible with 7000 (model FADCQ) and 6045 (model COQ8).
<b>Electrical Rating</b>	120V AC, 60 Hz, 50mA max.
<b>Horn Output</b>	85 decibels at 10 feet
<b>Listing</b>	UL 2034
<b>Detection Type</b>	Electrochemical
<b>Humidity Range</b>	15% to 95% relative humidity

## Installation of Carbon Monoxide Alarm

Carbon monoxide alarms should be installed in accordance with any local codes that apply.

To install the 10000, use minimum wire size of #18 AWG solid or stranded wire or what meets your local code. When interconnecting, maximum wire length between any two is 1,500 feet for #18 AWG or 4,000 feet for #14 AWG (20 OHMS loop resistance).

The 10000 may be interconnected with 12 FireX smoke alarms and 6 FireX heat alarms or 6 FireX CO alarms for a total number of 18 units. This CO alarm may be interconnected with FireX smoke alarm items 5000 and 4618 (model FADC), 4518 (model ADC), 4418 (model AD), 4580 (model FAPD), 4480 (model PAD), 406 (model G), 4671 (model TPCI), FireX heat alarm 5700 (model ADH), FireX CO alarm 10000 (model COE), (up to 6 heat and CO alarms max.) DO NOT connect with any other model CO, smoke or heat alarms. Note that this CO alarm will not cause interconnected smoke and heat alarms to sound their horn. This CO alarm will remain silent if interconnected smoke and heat alarms are sounding even if there is a build-up of CO. Connect CO and smoke alarms to a single AC branch circuit. If local codes do not permit connection to a single AC branch circuit, be sure the neutral wire is common to all circuits used. Note that while AC and AC/DC smoke, CO and heat alarms can be interconnected, ONLY when AC power is ACTIVE will ALL units ALARM when one unit senses hazardous conditions.

## Shipping Specifications

Individual Carton Dimensions	5-3/16" x 5" x 2-1/8"
Master Carton Quantity	6
Master Carton Dimensions	10-7/8" x 6-7/8" x 5-3/4"
Master Carton Weight	3.9 lbs.
Pallet Quantity	1104
Pallet Dimensions	48"L x 40"W x 51.5"D

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