



Overview

The 900 Series 120 volt AC interconnectable combination carbon monoxide and smoke alarms incorporate the most time-proven technology to measure for harmful levels of carbon monoxide or smoke, and activate a distinct audible and visual alarm in either condition.

Interconnected detectors ALL sound an alarm. An LED visual signal indicates the detector that initiated the alarm.

Options include a Form "C" relay and interconnect module which allows the connection of normally open switching devices such as pull stations.

Typical Wiring and Installation

Installation to a North American octagon box using the removable base plate is easy. Wiring is made simple with colour coded leads attached to a plug-in connector. When mounting the CO120X or SM120X module in the same box as the alarm, the use of a deep box or extension ring is recommended.

All these units are compatible and are interconnectable (up to 24 units). Interconnected units MUST receive power from the same fuse or breaker.

Feature Guide

Cat. No.	120VAC	Battery Back-up	Battery Back-up Front-Load	Test Button	Hush Button	ION	Photo	Electrochemical CO Sensor
900-0133	✓			✓	✓	✓		✓
900-0119	✓	✓		✓	✓	✓		✓

- All models operate from 120VAC and are interconnectable. Any unit sensing smoke or CO automatically places all interconnected units in alarm condition.
- Battery back-up provides continuous protection in the event of power failure.
- Test button tests circuitry and verifies alarm operation.
- Hush button quickly silences nuisance alarms caused by cooking, steam etc.
- Ionization models are most sensitive to fast flaming fires.

Standard Features

- 120 volt hardwire
- Battery back-up model available
- Dual protection - CO/smoke
- Talking alarm - digital voice message identifies hazard, "fire" or "carbon monoxide"
- Distinct audible and visual alarm indicators
- Interconnectable up to 24 units
- Alarm source indicator feature
- Hush® silence feature
- Instant test/reset feature
- CSA 6.19-01 approved

Applications

These models are compatible and interconnectable with each other. Compact and self-contained, these devices provide life safety local warning where smoke or carbon monoxide is detected.

Ordering Information

Cat. No.	Description
900-0133	120VAC smoke/CO alarm
900-0119	120VAC smoke/CO alarm with battery back-up

SEE ACCESSORIES ON PAGE 21.

Combination Carbon Monoxide & Smoke Alarms

900 Series








900-0133





Interconnect Guide

Combo 900-0133 900-119	CO 900-0132-05	CO Relay CO120X	Smoke P1235CA, P1275CA P1276CA, PPE120CA	Heat HD135F	Smoke Relay SM120X	Strobe SL1771
 CO CO 4 pulse alarm pattern CO voice warning	ALARM CO 4 pulse alarm pattern Word "CO" in display	ACTIVATED	SILENT	SILENT	INACTIVE	ACTIVATED CO flash pattern 5 sec. on, 5 sec. off
 SMOKE Smoke alarm pattern Fire voice warning	ALARM Smoke alarm pattern Word "Fire" in display	INACTIVE	ALARM	ALARM	ACTIVATED	ACTIVATED Continuous flash pattern
ALARM CO 4 pulse alarm pattern CO voice warning	 ALARM CO 4 pulse alarm pattern Word "CO" in display PPM display in initiating unit	ACTIVATED	SILENT	SILENT	INACTIVE	ACTIVATED CO flash pattern 5 sec. on, 5 sec. off
ALARM Smoke alarm pattern Fire voice warning	ALARM Smoke alarm pattern Word "Fire" in display	INACTIVE		ALARM	ACTIVATED	ACTIVATED Continuous flash pattern
ALARM Smoke alarm pattern Fire voice warning	ALARM Smoke alarm pattern Word "Fire" in display	INACTIVE	ALARM		ACTIVATED	ACTIVATED Continuous flash pattern
ALARM Smoke alarm pattern Fire voice warning	ALARM Smoke alarm pattern Word "Fire" in display	INACTIVE	ALARM	ALARM	INPUT ACTIVATED	ACTIVATED Continuous flash pattern



Indicates the original alarm sounding. Look across the row to identify the status of all the other interconnected devices.

Standard Features

Smoke Relay Module -- SM120X

- Activates or deactivates auxiliary devices such as bells, lights and ventilation systems.
- For use with all interconnected installations that contain smoke alarms and smoke/CO combo units and heat detectors.
- The power supply portion of this module can be used with manual pull stations, flow switches, and spot type heat detectors.

CO Relay Module -- CO120X

- Activates or deactivates auxiliary devices such as bells, lights and ventilation systems.
- For use with all interconnected installations that contain CO alarms and smoke/CO combo units.
- CO relay modules should not be used to connect groups of CO alarms to an alarm panel or to interconnect groups of CO alarms together.

Remote Visual Signaling Device -- SL1771

- Bright 177 candela strobe light - provides visual alarm to the hearing impaired. Strobe light is triggered when any interconnectable smoke, heat, or CO alarm is activated.
- 1 Hz flash rate - light level proven effective in alerting the hearing impaired. Sixty flashes per minute - meets recommended ULC standards. Different flash rate for CO and smoke situations.
- No relay required.

Accessories

P and 900 Series Smoke and CO Alarms

Heat Detector -- HD135

- Test button - tests heat detector circuitry and horn.
- 9V battery backup - for continuous protection in case of power failure.
- Alarm sounds when air temperature rises above 135°F. Ideal for garages and attics.
- No relay required.

