



SMOKE **ALARM**



DUAL IONIZATION

Dual Ionization sensing chamber. Generally more effective at detecting small particles produced by flaming fires. Sources may include paper or kitchen grease.

LATCHING ALARM INDICATOR

Remembers which unit initiated an alarm.

SINGLE BUTTON **TEST/ SILENCE**

Silences and tests alarm with a single button.

TWO LOCKING FEA TURES

Pins are provided to lock battery drawer and/or alarm to base. Perfect for apartment, dormitory or hotel applications.

Available in the following versions:

9120	ACAlam with silence
9120B	ACAlam with silence of
9120AB	Same as 9120B but w
9120LB	Same as 9120Bbut w
9120B-48P	48 pack of Boxed 912
9120B-48B	48 pack of Bulk 91201
9120B-GFD	18 count Gravity Feed
91206 CP	Contractor Bulk 6-pack
9120B6 CP	Contractor Bulk 6-pack

n with silence and battery backup s 9120B but with alkaline battery s 9120B but with lithium battery of Boxed 9120B of Bulk 9120B tt Gravity Feed Display torBulk 6-pack of 9120 Alam orBulk 6-pack of 9120BAlam









120VAC 60Hz Wire-in with 9VBattery Backup (9120B)

Description:

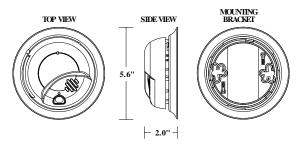
The BRK Brands, Inc. Model Numbers 9120 and 9120B are wire-in, 120VAC 60Hz single and/or multiple station smoke alarms specifically designed for residential and institutional applications including sleeping rooms of hospitals, hotels, motels, dormitories and other multi-family dwellings as defined in standard NFPA 101. Models 9120 and 9120B comply with U217, CSFM, NFPA72, HUD, FHA and other agencies that model their codes after the above agencies. They meet building codes where AC and AC/DC with Silence smoke alarms are required. The alarms are interconnectable with up to 18 devices, of which 12 can be smoke alarms.

The BRK® 9120 Series alarms feature a dual ionization smoke sensing chamber screened for insect protection, an 85dB horn, 9V battery back-up (all versions except model 9120) and a "silence" feature. The "Smart Technology" system is designed to reduce nuisance alarms. "Latching Alarm Indication" remembers which unit initiated an alarm. When interconnected in a series, the unit that triggered the alarm rapidly flashes its red LED indicator. After the alarm condition subsides, the initiating unit will store in memory or "latch" the information and begin to flash the green LED indicator 2 seconds on, 2 seconds off. The "Perfect Mount" system features a gasketless base and a mounting bracket that keeps the alarm secure over a wide rotation range to allow for true alignment. This will allow fine-tuning on the positioning to compensate for out of aligned wall studs and to keep the wording level when wall mounting. A Single button test/silence button eliminates confusion. Depending on what mode the alarm is in, pushing the button will test, silence, re-test the alarm when in silence and clear the latching feature. Battery installation and removal can occur while the unit is mounted to the ceiling or wall via the side load battery compartment. Other Contractor Preferred features include a dust cover to keep alarm clean during construction, keyhole slots in the mounting bracket eliminate the need to remove the electrical box screws for installation. Two locking features are provided to prevent battery theft and/or theft of the unit. Connection to AC

power is made with a "Quick-Connect" wiring harness. Installation is quick, easy and cost effective.







ARCHITECTURAL AND ENGINEERING SPEC

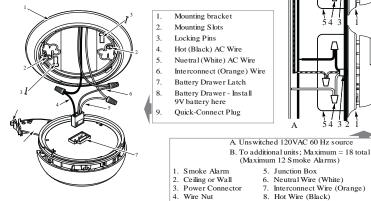
The smoke alarm shall be a BRKModel 9120B (battery backup) or 9120 (no battery backup) and shall provide at a minimum the following features and functions:

- 1. Alonization smoke sensing chamber.
- 2. The unit shall be capable of self restoring.
- 3. Fully screened sensing chamber to resist entry of small insects thereby reducing the probability of unwanted alarms.
- 4. Powered by 120VAC, 60Hz and have a monitored 9Vbattery backup model (9120B only). and a solid state piezo horn rated at 85dB at 10 ft.
- 5. Avisual green LED power-on indicator to confirm unit is receiving power or is in alarm.
- 6. Afull function test button should check all alarm functions by simulating a smoke condition, causing the unit to alarm.
- 7. Silence feature Temporarily silence unwanted nuisance alarms.
- 8. Two Locking features tamper resistant locking pins that lock battery drawer and/or alarm to mounting bracket.
- 9. The unit shall be capable of operating between 40°F(4°C) and 100°F (38°C) and relative humidity between 10% and 90%.
- 10. The unit shall have a gasketless base for easy installation and be capable of keeping alarm secure over a wide rotation range to allow for true alarm alignment.
- 11. The unit shall have a plug in connector and be capable of interconnection of up to 18 alarms, 12 of which can be smoke alarms.
- 12. The unit shall at a minimum meet the requirements of U217, CSFM, NFPA72, NFPA101, ICC

INSTALLATION OF ALARM

Installation of this smoke alarm must conform to all local electrical codes and Article 760 of the National Electrical Code (NFPA 70) and NFPA 72. Interconnected units must meet the following 678 requirements: Total length of wire interconnecting units should be less than 1000 feet, be #18 gauge or larger and be rated at least 300V. It is recommended that all units be on the same fuse or circuit breaker. If local codes do not permit, be sure the neutral wire is common to both phases.

THE PARTS OF THIS SMOKE ALARM



TECHNICAL SPECS

Alarm Dimensions:	5.6" dia x 2.0"H	
Weight:	6.5 oz (9120); 7.8 oz (9120B)	
g Voltage:	120VAC 60Hz w/ 9Vbattery backup (9120B only)	
Operating Current:	.04 amps (standby/alarm)	
Temperature Range:	40°F (4°C) to 100°F (38°C)	
Humidity Range:	10% to 90% relative humidity (RH)	
Audio Alarm:	85dB at 10 feet	
Test/Silence:	Electronically simulates smoke condition,	
	causing the unit to alarm	
	Press and hold test/silence button	
Alarm Reset:	Automatic when smoke clears	
Interconnections:	Up to 18 units of First Alert or BRK Smoke, CO and Heat Alarms. Maximum of 12 smoke alarms. See user's manual for details.	
Smoke Sensor:	Dual chamber ionization	
Indicator Lights/Sound	ls:	
AC Power:	Constant Green LED	
DC Power:	Intermittent Red LED (9120B only)	
Local Alarm:	Red LED flashes rapidly	
Remote Alarm:	Red LED out.	
Latching Alarm:	Green LED flashes 2 sec. on/2 sec. off after local alarm	
Listing:	Listed to U217 Standard	
SHIPPING SPECS:		
Individual Contan Dire	5 CO''L - 2 25''W- 5 50''LL	

Individual Carton Dimensions	5.69"Lx 2.25"Wx 5.59"H
Weight	0.53 lbs. (9120); .61 lbs. (9120B)
Cube	0.041 ft3
UPC	9120: 0 29054 51300 7 9120B: 0 29054 51301 4 9120AB: 0 29054 51302 1 9120AB: 0 29054 51303 8
Master Carton Dimensions	14.43"L x 6.19"W x 12.63"H
Master Pack	12 (9120, 9120B, 9120AB, 9120LB) 18 (9120B-CFD) 48 (9120B-48P, 9120B-48B)
Weight	7.0 lbs. (9120) 7.9 lbs. (9120B) 12.8 lbs: (9120B-GFD) 25.0 lbs (9120B-48P, 9120B-48B)
Cube:	0.653 ft3 (9120, 9120B, 9120AB, 9120LB) 1.20 ft3 (9120B-GFD) 2.36 ft3 (9120B-48P, 9120B-48B)
12of5:	9120: 100 29054 51300 4 9120B: 100 29054 51301 1 9120AB: 100 29054 51302 8 9120LB: 100 29054 51303 5
Pallet Information	
Cases per Layer	19 (9120, 9120B, 9120AB, 9120LB) 21 (9120B-CFD) 6 (9120B-48P, 9120B-48B)
Number of Layers:	3 (9120, 9120B, 9120AB, 9120LB) 2 (9120B-GFD) 3 (9120B-48P, 9120B-48B)
Cases per Pallet:	57 (9120, 9120B, 9120AB, 9120LB) 42 (9120B-CFD) 18 (9120B-48P, 9120B-48B)
Units per Pallet:	684 (9120, 9120B, 9120AB, 9120IB) 756 (9120B-CFD) 864 (9120B-48P, 9120B-48B)
Cube:	42.2 ft3 (9120, 9120B, 9120AB, 9120LB) 55.8 ft3 (9120B-GFD) 43.4 ft3 (9120B-48P, 9120B-48B)
Weight:	393 lbs. (9120) 439 lbs. (9120B, 9120AB, 9120LB) 601 lbs: (9120B-GFD) 479 lbs (9120B-48P) 649 lbs. (9120B-48B)



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brkelectronics.com



AC Wire-in Combination Carbon Monoxide & Smoke Alarm

- 120VAC Direct Wire with Battery Backup
- Alarm/Voice message warning system
- Intelligent Sensor Technology

Part Number 900-0114A

Model KN-COSM-IBA

Voice Warning

Warns of hazard by announcing "Fire!" or "Warning, Carbon Monoxide".

Peak Level Memory

Alerts user when the unit has detected CO concentrations of 100ppm or higher.

Hush™ Button

Slences the unit during nuisance alarm situations.

(Smoke must be present before hush is activated)

Two LED's -

Red LED indicates alarm mode, Green LED indicates AC power is present.

Test/Reset Button Functions-

- Tests the units electronics and resets the unit during CO alarm.
- Activates Hush Feature and Peak Level Memory.

Adjustable Mounting Bracket ______ Allows for easy installation and alignment.

Alerts user to replace CO alarm after 10 years of operation

Description

The Kidde 900-0114A uses breakthrough technology to offer a fast response to real fires, including smoldering and fast-flaming, as well as protect you from carbon monoxide and dramatically reduce the chance of nuisance alarms. The Intelligent sensor technology combines the detection capabilities of an ionization smoke sensor – which is more likely to detect smaller, less visible fire particles, like those produced by flaming fires – with that of an electrochemical sensor, which is used to detect CO. Since carbon monoxide is present in all fires, having both detection chambers work together in one alarm is a breakthrough in the fire safety industry. When either sensor notices a potential hazard, it will communicate with the other. Depending on what is detected, the alarm will adjust its smoke sensitivity in order to better discriminate between a real hazard and a false one. This constant communication enhances the alarm's overall performance in all fires, and significantly reduces the potential for a nuisance alarm.

Leading authorities recommend that both ionization and photoelectric smoke alarms be installed to help insure maximum detection of the various types of fires that can occur within the home. Ionization sensing alarms may detect invisible fire particles (associated with fast flaming fires) sooner than photoelectric alarms. Photoelectric sensing alarms may detect visible fire particles (associated with slow smoldering fires) sooner than ionization alarms.

Alarm Warnings

Fire: The red LED will flash and be accompanied by three long alarm beeps followed by a verbal warning message " **HRE**". The alarm pattern will repeat until smoke is eliminated.

Carbon Monoxide: Four short alarm beeps followed by a verbal warning "WARNING! CARBON MONOXIDE" This continues until the unit is reset or the CO is eliminated.

Low Battery: One chirp followed by warning "LOW BATTERY." The red LED light will flash. This pattern will continue every minute for at least seven days. Under battery power, the "LOW BATTERY" voice only occurs once every 15 minutes.

Voice Hush Indication: "HUSH MODE ACTIVATED" and "HUSH MODE CANCELLED" voice announcement.

Peak Level Memory: If the alarm had detected a CO level of 100ppm or higher when the Test/Reset button is pressed, the unit will announce "CARBON MONOXIDE PREVIOUSLY DETECTED" to warn of the CO incident.

Features and Benefits

- Smart Interconnect™ Interconnects up to 24 Kidde devices (of which 18 can be initiating).
- Battery Backup (2-AA batteries included) Provides protection during power outages.
- Front Loading Battery Door Replace the backup batteries without disconnecting from mounting bracket
- Battery Lockout System The battery door will not close unless the batteries are properly installed.
- Alarm Tamper Resist Helps deter from tampering and theft.
- Adjustable Mounting Bracket Makes installation fast and easy. Works with existing smoke and combination smoke and CO mounting brackets.
- Peak Level Memory Announces "CARBON MONOXIDE PREVIOUSLY DETECTED" if alarm has detected a CO level of 100ppm or higher since it was last reset.
- Hush™ Feature Slences nuisance alarms for approximately 9 minutes. (Smoke must be present before Hush™ is activated)
- Ionization Sensor Technology Ideal for detecting fast flaming and other types of fires.
- Test Button Functions: Tests the unit for proper operation - Peak Level memory - Resets the Carbon Monoxide alarm
- Green LED Illuminates to indicate the unit is receiving AC power. Rashes once every 60 seconds to indicate battery only mode. Rashes once per second during alarm to indicate initiating alarm. Rashes once every 16 seconds to indicate smoke or CO previously detected. Rashes every 2 seconds while the alarm is in HUSH[™] mode.
- Red LED When a dangerous level of smoke or carbon monoxide is detected the red LED will flash.

If the unit malfunctions, the red LED will flash and the unit will chirp every 30 seconds.



Architectural and Engineering Specifications

The combination smoke and carbon monoxide alarm shall be Kidde model KN-COSM-IBA or approved equal. It shall be powered by 120VAC, 60Hz source with two AA battery backup. The temperature operating range shall be between 40°F and 100°F (4°C and 38°C) and the humidity operating range shall be 10% - 95% relative humidity, non-condensing.

The unit shall incorporate an ionization smoke sensor with nominal sensitivity of 0.89%/ft. The CO sensor shall be of a fuel cell design and shall meet the sensitivity requirements of Underwriters Laboratories UL2034 Single and Multiple Station Carbon Monoxide Detectors.

The combination alarm can be installed on the surface of any wall or ceiling following the UL/NFPA/Manufacturer's recommended placement guidelines. The alarm can be installed on any standard single gang electrical box, up to a 4" octagon junction box. The electrical connection (to the alarm) shall be made with a plug-in connector. The unit shall provide optional tamper resistance that deters removal of the unit from the wall or ceiling. No additional pieces shall be required to activate this feature.

A maximum of 24 Kidde devices can be interconnected in a multiple station arrangement. The interconnect system must not exceed the NFPA (National Fire Protection Association) limit of 18 initiating devices, of which 12 can be smoke alarms. With 18 initiating devices (smoke, heat, CO, etc), interconnected, it is still possible to interconnect 6 strobe lights and or relay modules.

The alarm shall include a test button that will electronically simulate the presence of smoke and CO and cause the unit to go into both modes of alarm. This sequence tests the unit's electronics to ensure proper operation.

The CO sensor will not alarm to levels of CO below 30 ppm and will alarm in the following time range when exposed to the corresponding levels of CO.

70 ppm CO Concentration	60 – 240 minutes
150 ppm CO Concentration	10 – 50 minutes
400 ppm CO Concentration	4 – 15 minutes

The combination alarm shall have two methods of warning for danger: a piezoelectric horn that is rated at 85 decibels at 10 feet and a voice warning that identifies the danger. For a CO incident, the horn will sound in the repetitive manner – four (4) fast beeps, a short pause, four (4) fast beeps, a short pause. In between, the unit will announce "Warning Carbon Monoxide!" In a Smoke incident, the horn will sound in the repetitive manner – three (3) beeps, a pause, three (3) beeps, a pause. In between, the unit will announce " HRE!"

The unit shall incorporate a 2 LED display. A green LED will be steady on when AC power is present, flash every 60 seconds when in battery only mode, every second to indicate alarm memory, and every 2 seconds to indicate the Hush" mode is active. A red LED will flash in unison with the alarm sounder pattern.

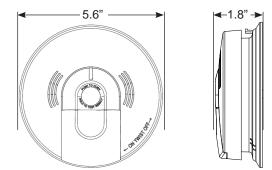
The unit shall include the Hush[™] feature that silences the unit for approximately 9 minutes if a nuisance alarm condition occurs. The Green LED on the alarm will flash every 2 seconds while in Hush[™] and will automatically reset itself. It also provides voice annunciation of "HUSH MODE ACTIVATED" when Hush[™] is activated and "HUSH MODE CANCELLED" when the Hush cycle ends.

The unit shall also indicate a low battery warning utilizing each of the following methods: a brief alarm chirp, the voice announcement of "Low Battery!"

The unit shall at a minimum meet the requirements of UL 2034, UL217, NFPA72, (chapter 11 2002 edition) The State of California Fire Marshall, NFPA101 (One and two family dwellings) Federal Housing Authority (FHA), Housing and Urban Development (HUD). It shall also include a 10-year manufacturer's limited warranty.

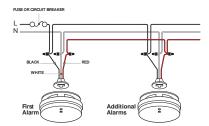
Technical Specifications

Power Source:	120VAC, 60Hz 45mA max per alarm 2 AA battery backup
Smoke Sensor:	Ionization
CO Sensor:	Bectrochemical
Audio Alarm:	85dB at 10ft
Temperature Range:	40°F (4.4°C) to 100°F (37.8°C)
Humidity Range:	10%-95% relative humidity, non-condensing
Size:	5.6" in diameter x 1.8" depth
Weight:	.75 lb
Wiring:	Quick connect plug with 6" pigtails
Interconnects:	Up to 24 Kidde devices (of which 18 can be initiating)
Warranty:	10 year limited



Installation of Smoke Alarm

The combination alarm should be installed to comply with all local codes having jurisdiction in your area, Article 760 of the National Electric Code, and NFPA 72. Make certain all alarms are wired to a single, continuous (non-switched) power line, which is not protected by a ground fault interrupter. A maximum of 1000 ft. of wire can be used in the interconnect system. Use standard UL listed household wire (18 gauge or larger as required by local codes).



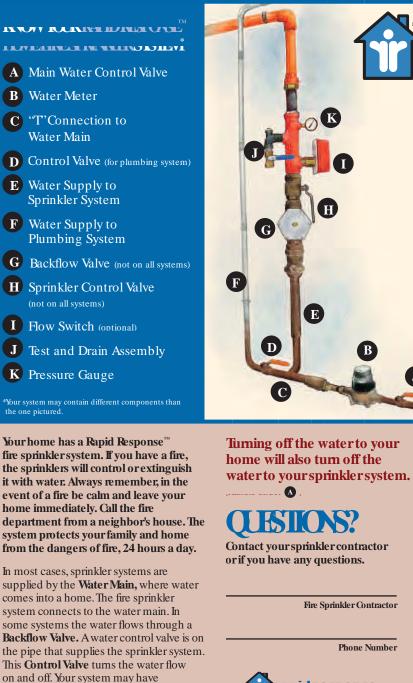
Ordering Information

Ordering Number	UPC	l 2 of 5	Pack Config	Pack Qty	Dimensions (w x d x h inches)	Weight	Cartons/ Pallet
21006377-N	0-47871-16377-9	100-47871-16377-6	BOX	Master Pack (6 Units)	6.6 x 13.5 x 6.2	6.7	126
21008495-N	0-47871-18495-8	100-47871-18495-5	CLAM	PDQ (2 Units)	7.8 x 4.5 x 11.8	1.5	180



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HOMEOWNER'S QUICK REFERENCE CARD



additional or different features.

	 Have your system tested once a year. Know the location of the system shutoff valve. Be sure all other adult occupants are aware of its location as well. Make certain the system control valve is open at all times. Be careful when you are moving large or tall items. Teach children not to touch or play with sprinklers. Keep pictures and large furniture away from sprinklers on walls. Contact the fire department when any activation occurs, even if the fire has apparently been extinguished.
	 Paint the sprinklers or sprinkler cover plates. Hang objects from the sprinklers or sprinkler pipe. Obstruct the sprinklers in any way. Cover the sprinklers. Remove the sprinklers. Turn off or disconnect the system. Bump sprinklers or exposed pipes. Shut off the system in the event of a fire. Stack items close to fire sprinklers.
The control is when the val- handle is in lii with the pipe	e (turned off) when it the valve LOCKED OPEN.
Write down th	e date of each test here:



Hardwired Smoke & Carbon Monoxide Alarm, Interconnectable with AA Battery Backup

Model 900-CUAR

2-in-1 Detection

Alerts you to both smoke & carbon monoxide (CO) using a single alarm.

Self-Testing

Smoke & CO alarm is equipped with components that are always checking to ensure the device is operating as expected.*

Whole-home Alarm Activation

Expand detection via hardwired connections to other Kidde alarms – when one alarm sounds, they all do.**

Easy-Install Mounting Bracket

Included in the box for simple, quick installation in 4 orientations.

ALERTS USER TO REPLACE ALARM AFTER 10 YEARS OF OPERATION

Description

The Hardwired Smoke & Carbon Monoxide Alarm, Interconnectable with AA Battery Backup helps protect you and your family from two hazards – fire and potentially deadly CO – in one device. This smoke & carbon monoxide combo alarm features self-testing components that are always checking to make sure the alarm is on and working.* Additionally, the included mounting bracket makes installation fast and easy. This smoke and CO alarm is capable of being hardwired to other select Kidde alarms,** to provide whole-home alarm activation. This setup allows select Kidde alarms to sound in unison, helping to ensure that everyone in the house is alerted.

Leading authorities recommend that both ionization and photoelectric smoke alarms be installed to help ensure optimal detection of the various types of fires that can occur within the home. Ionization sensing alarms may detect invisible fire particles (associated with fast flaming fires) sooner than photoelectric alarms. Photoelectric sensing alarms may detect visible fire particles (associated with slow smoldering fires) sooner than ionization alarms.

Alarm Warnings - featuring multi-color LEDs

Fire: The red LED will flash in sync with the alarm pattern (3 long beeps). The alarm will repeat this pattern until the unit is reset or smoke is eliminated.

Carbon Monoxide: The red LED will flash in sync with the alarm pattern (4 quick beeps). This continues until the smoke & carbon monoxide alarm is reset or the CO is eliminated.

Low Battery: One chirp and amber LED flash per minute.

Alarm Memory: Alerts a user if smoke or CO has been detected in the last 24 hours. If smoke has been detected, the red LED blinks every 15 sec. If CO has been detected, the red LED blinks twice every 15 sec.



Images are representative only. Actual product may vary slightly.

Features & Benefits

• **2-in-1 Detection** - Alerts you to both smoke & carbon monoxide (CO) using a single alarm.

KIDDE

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- Self-Testing Smoke & CO alarm is equipped with components that are always checking to ensure the device is operating as expected.*
- Whole-home Alarm Activation Expand detection via hardwired connections to other Kidde smoke alarms – when one alarm sounds, they all do.**
- **Easy-Install Mounting Bracket** Included in the box for simple, quick installation in 4 orientations.
- AC-hardwired with 2-AA Battery Backup Powered by home's electricity in order to provide reliable detection. AA batteries provide smoke & carbon monoxide alarm backup power during short-term power outages.
- **Photoelectric Smoke Sensor** May detect visible fire particles associated with slow smoldering fires sooner than an ionization sensor.
- Electrochemical CO Sensor Provides accurate carbon monoxide detection during the product's life, remains stable during temperature and humidity changes and resists reactions to household gases that may cause false readings or reduce sensitivity.
- One-Touch Button performs the following functions:
 - Activates the Hush™ feature to temporarily silence nuisance alarms.
 - Tests the unit's electronics and verifies proper operation.
 - Silences a low battery chirp for up to 24 hours at a time for a maximum of 7 days.
 - Silences the end of life chirps for 24 hours at a time for a maximum of 7 days.
 - Resets the device during a CO alarm (Unit will re-enter alarm within 6 minutes of reset if 70 ppm or more of CO is present).

*Self-testing is not a substitute for a manual push test of the alarm. Perform a button test once per week to verify proper alarm operation. **Alarms only connect with select Kidde alarms that have hardwired AC interconnect capability (see User Guide).

Installation of Alarm

The combination alarm should be installed to comply with all local codes having jurisdiction in your area, Article 760 of the National Electric Code, and NFPA 72. Make certain all alarms are wired to a single, continuous (non-switched) power line, which is not protected by a ground fault interrupter. A maximum of 1000 ft. of wire can be used in the interconnect system. Use standard UL listed household wire (18 gauge or larger as required by local codes).

Industry experts recommend specific locations for smoke alarms, such as every level and sleeping area of the dwelling. They also recommend a CO alarm be installed on each level of the home – ideally on any level with fuel burning appliances and outside of sleeping areas. See User Guide for further information.

Architectural and Engineering Specifications

The combination smoke and carbon monoxide alarm shall be Kidde Model 900-CUAR or approved equal. It shall be powered by 120VAC, 60Hz source with two (2) AA backup batteries. The temperature operating range shall be between 40°F and 100°F (4.4°C and 37.8°C) and the humidity operating range shall be 10%- 95% relative humidity, non-condensing.

The unit shall incorporate a photoelectric smoke sensor with nominal sensitivity of 174 +/- 0.78 %/ft OBS. The CO sensor shall be of an electrochemical design and shall meet the sensitivity requirements of Underwriters Laboratories UL 2034 Single and Multiple Station Carbon Monoxide Alarms. The unit shall qualify for UL-approved wording on the package: "World's Most Accurate Carbon Monoxide Alarm"†.

The combination alarm can be installed on the surface of any wall or ceiling following the UL/NFPA/Manufacturer's recommended placement guidelines. The alarm can be installed on any standard single gang electrical box, up to a 4"octagon junction box. The electrical connection (to the alarm) shall be made with a plug-in connector.

A maximum of 24 Kidde devices can be interconnected in a multiple station arrangement. The interconnect system must not exceed the NFPA (National Fire Protection Association) limit of 18 initiating devices, of which 12 can be smoke alarms. With 18 initiating devices (smoke, heat, CO, etc), interconnected, it is still possible to interconnect 6 strobe lights and or relay modules. This alarm is not designed to be interconnected with other manufacturer's products, unless otherwise specified.

The alarm shall include a test button that will electronically simulate the presence of smoke and CO and cause the unit to go into both modes of alarm. This sequence tests the unit's electronics to ensure proper operation. The CO sensor will not alarm to levels of CO below 30 ppm and will alarm in the following time range when exposed to the corresponding levels of CO.

70 ppm CO Concentration: 60 - 240 minutes 150 ppm CO Concentration: 10 - 50 minutes 400 ppm CO Concentration: 4 - 15 minutes

† Claim approved by UL, based on manufacturer's reported testing.

Ordering Information

The combination alarm shall warn of danger using a piezoelectric horn that is rated at 85 decibels at 10 feet. For a CO incident, the horn will sound in the repetitive manner – four (4) fast beeps, a short pause, four (4) fast beeps. In a Smoke incident, the horn will sound in the repetitive manner – three (3) beeps, a pause, three (3) beeps. The unit shall incorporate four (4) LEDs. A green LED will be steady on when AC power is present, or flash every 60 seconds when in the battery only mode. A red LED will flash once or twice every 15 seconds to indicate smoke or CO alarm memory, and will flash in unison with the sounder pattern. An amber LED indicates fault conditions. The unit shall include the Hush[™] feature that silences a smoke alarm for approximately 8-10 minutes if a nuisance alarm condition occurs. The red LED on the alarm will flash every 2 seconds while in Hush[™] and the unit will automatically reset itself.

The unit shall also indicate a low battery warning utilizing a brief alarm chirp. The unit shall at a minimum meet the appropriate requirements of UL 2034, UL 217, NFPA 72, The State of California Fire Marshal, NFPA 101 (One and two family dwellings), Federal Housing Authority (FHA), Housing and Urban Development (HUD). It shall also include a 10-year manufacturer's limited warranty.

▲ WARNING: This product is intended for use in indoor residential locations. It is not designed to measure compliance with Occupational Safety and Health Administration (OSHA) commercial or industrial standards. This device is designed to help protect individuals from acute effects of Carbon Monoxide exposure. It will not fully safeguard individuals with specific medical conditions. If in doubt, consult a medical practitioner. Individuals with medical problems may consider using warning devices which provide audible and visual signals for carbon monoxide concentrations under 30 ppm.

Technical Specifications

Model:	900-CUAR
Power Source:	120VAC, 60Hz 42mA max per alarm,
	2 AA battery backup
Smoke Sensor:	Photoelectric
CO Sensor:	Electrochemical
Audio Alarm:	85dB at 10ft
Temperature Range:	40°F (4.4°C) to 100°F (37.8°C)
Humidity Range:	10%95% relative humidity, non-condensing
Size:	5.60" in diameter x 1.93" depth
Weight:	0.550 lb
Wiring:	Quick connect plug with pigtails
Interconnects:	Up to 24 Kidde devices (of which 18 can be initiating)
Warranty:	10 year limited (batteries excluded)
Replacement batteries:	Energizer E91, Gold Peak 15A, Golden Power GLR6A. Replacement batteries are available where you purchased this alarm. <i>Note: Do not use</i> <i>lithium batteries in this unit.</i>

Ordering Case Dimensions Number UPC GTIN Pack Config Case Weight (lbs) Cartons/Pallet Pack Qty (w x d x h inches) 10047871322500 21032250 047871322503 Box Tray/Lid (6 Units) 15.1 x 6.26 x 6.0 6.360 108 21032252 047871322527 10047871322524 Tray/Lid (4 Units) 10.34 x 6.26 x 6.0 Box 4 4 9 0 150



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