

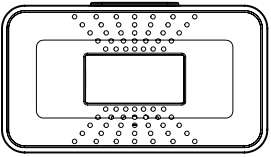
# USER'S MANUAL CARBON MONOXIDE ALARM



## 10 YEAR SEALED BATTERY OPERATED CARBON MONOXIDE ALARM WITH DIGITAL DISPLAY AND SILENCE FEATURE

### IMPORTANT! PLEASE READ CAREFULLY AND SAVE.

The warnings/instructions card and manual contains important information about your Carbon Monoxide (CO) Alarm's operation. If you are installing this CO Alarm for use by others, you must have this manual—or a copy of it—with the end user. Reference product card for additional information.



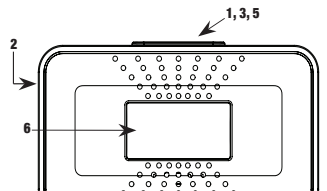
Printed in Mexico  
MO8-152718-CO170A-CA K3 8/16 CONFORMS TO CSA 6.19-01 Model CO170A

## HOW YOUR CO ALARM WORKS GENERAL INFORMATION

- CO Alarm contains a sealed, non-replaceable battery. Once it reaches the end of its service life, or after 10 years—which ever comes first—you must install a new CO Alarm.
- High temperatures, low temperatures, high humidity, impact or dropping can adversely affect LCD displays.
- A CO Alarm measures the CO levels in the air. It will alarm if CO levels rise quickly (if the heat exchanger on your furnace breaks, for example, or if CO is consistently present in slow CO leak on a heat-burning appliance).
- This carbon monoxide alarm features a permanently installed sensor, digital display with blue backlight, and an 85 dB alarm horn. It also has a silence feature to temporarily quiet the alarm horn. During standby, the temperature is displayed in degrees C.

## THE PARTS OF YOUR CO ALARM

- Test Button
- Activation / Deactivation tab (back of unit)
- Silence Button
- (Behind Cover) Alarm horn: 85dB audible alarm for test, alarm, and unit malfunction warning.
- Peak level button
- Digital Display with blue backlight.



© 2016 BNK Brands, Inc. All rights reserved. Distributed by BNK Brands, Inc. • BNK Brands, Inc. is a subsidiary of Newell Brands Inc. (NYSE:NBIX) • First Alert® is registered trademark of The First Alert Trust • 3801 Liberty Street Road, Aurora, IL 60504-8122 • Consumer Affairs: (800) 323-9005 • www.firstalert.ca • www.bnkelectronics.com

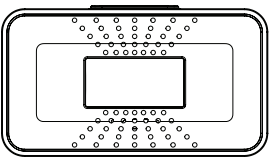
# USER'S MANUAL CARBON MONOXIDE ALARM



## 10 YEAR SEALED BATTERY OPERATED CARBON MONOXIDE ALARM WITH DIGITAL DISPLAY AND SILENCE FEATURE

### IMPORTANT! PLEASE READ CAREFULLY AND SAVE.

The warnings/instructions card and manual contains important information about your Carbon Monoxide (CO) Alarm's operation. If you are installing this CO Alarm for use by others, you must have this manual—or a copy of it—with the end user. Reference product card for additional information.



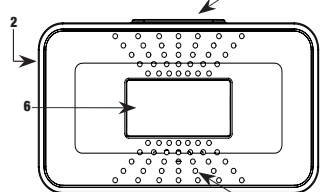
Printed in Mexico  
MO8-152718-CO170A-CA K3 8/16 CONFORMS TO CSA 6.19-01 Model CO170A

## HOW YOUR CO ALARM WORKS GENERAL INFORMATION

- CO Alarm contains a sealed, non-replaceable battery. Once it reaches the end of its service life, or after 10 years—which ever comes first—you must install a new CO Alarm.
- High temperatures, low temperatures, high humidity, impact or dropping can adversely affect LCD displays.
- A CO Alarm measures the CO levels in the air. It will alarm if CO levels rise quickly (if the heat exchanger on your furnace breaks, for example, or if CO is consistently present in slow CO leak on a heat-burning appliance).
- This carbon monoxide alarm features a permanently installed sensor, digital display with blue backlight, and an 85 dB alarm horn. It also has a silence feature to temporarily quiet the alarm horn. During standby, the temperature is displayed in degrees C.

## THE PARTS OF YOUR CO ALARM

- Test Button
- Activation / Deactivation tab (back of unit)
- Silence Button
- (Behind Cover) Alarm horn: 85dB audible alarm for test, alarm, and unit malfunction warning.
- Peak level button
- Digital Display with blue backlight.



© 2016 BNK Brands, Inc. All rights reserved. Distributed by BNK Brands, Inc. • BNK Brands, Inc. is a subsidiary of Newell Brands Inc. (NYSE:NBIX) • First Alert® is registered trademark of The First Alert Trust • 3801 Liberty Street Road, Aurora, IL 60504-8122 • Consumer Affairs: (800) 323-9005 • www.firstalert.ca • www.bnkelectronics.com

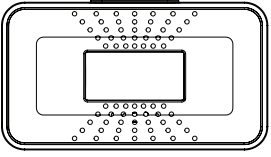
# USER'S MANUAL CARBON MONOXIDE ALARM



## 10 YEAR SEALED BATTERY OPERATED CARBON MONOXIDE ALARM WITH DIGITAL DISPLAY AND SILENCE FEATURE

### IMPORTANT! PLEASE READ CAREFULLY AND SAVE.

The warnings/instructions card and manual contains important information about your Carbon Monoxide (CO) Alarm's operation. If you are installing this CO Alarm for use by others, you must have this manual—or a copy of it—with the end user. Reference product card for additional information.



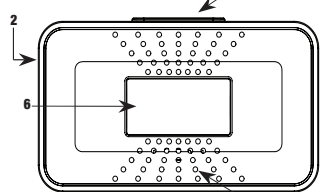
Printed in Mexico  
MO8-152718-CO170A-CA K3 8/16 CONFORMS TO CSA 6.19-01 Model CO170A

## HOW YOUR CO ALARM WORKS GENERAL INFORMATION

- CO Alarm contains a sealed, non-replaceable battery. Once it reaches the end of its service life, or after 10 years—which ever comes first—you must install a new CO Alarm.
- High temperatures, low temperatures, high humidity, impact or dropping can adversely affect LCD displays.
- A CO Alarm measures the CO levels in the air. It will alarm if CO levels rise quickly (if the heat exchanger on your furnace breaks, for example, or if CO is consistently present in slow CO leak on a heat-burning appliance).
- This carbon monoxide alarm features a permanently installed sensor, digital display with blue backlight, and an 85 dB alarm horn. It also has a silence feature to temporarily quiet the alarm horn. During standby, the temperature is displayed in degrees C.

## THE PARTS OF YOUR CO ALARM

- Test Button
- Activation / Deactivation tab (back of unit)
- Silence Button
- (Behind Cover) Alarm horn: 85dB audible alarm for test, alarm, and unit malfunction warning.
- Peak level button
- Digital Display with blue backlight.



© 2016 BNK Brands, Inc. All rights reserved. Distributed by BNK Brands, Inc. • BNK Brands, Inc. is a subsidiary of Newell Brands Inc. (NYSE:NBIX) • First Alert® is registered trademark of The First Alert Trust • 3801 Liberty Street Road, Aurora, IL 60504-8122 • Consumer Affairs: (800) 323-9005 • www.firstalert.ca • www.bnkelectronics.com

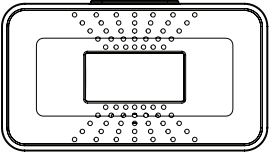
# USER'S MANUAL CARBON MONOXIDE ALARM



## 10 YEAR SEALED BATTERY OPERATED CARBON MONOXIDE ALARM WITH DIGITAL DISPLAY AND SILENCE FEATURE

### IMPORTANT! PLEASE READ CAREFULLY AND SAVE.

The warnings/instructions card and manual contains important information about your Carbon Monoxide (CO) Alarm's operation. If you are installing this CO Alarm for use by others, you must have this manual—or a copy of it—with the end user. Reference product card for additional information.



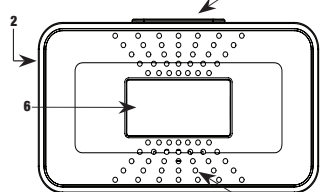
Printed in Mexico  
MO8-152718-CO170A-CA K3 8/16 CONFORMS TO CSA 6.19-01 Model CO170A

## HOW YOUR CO ALARM WORKS GENERAL INFORMATION

- CO Alarm contains a sealed, non-replaceable battery. Once it reaches the end of its service life, or after 10 years—which ever comes first—you must install a new CO Alarm.
- High temperatures, low temperatures, high humidity, impact or dropping can adversely affect LCD displays.
- A CO Alarm measures the CO levels in the air. It will alarm if CO levels rise quickly (if the heat exchanger on your furnace breaks, for example, or if CO is consistently present in slow CO leak on a heat-burning appliance).
- This carbon monoxide alarm features a permanently installed sensor, digital display with blue backlight, and an 85 dB alarm horn. It also has a silence feature to temporarily quiet the alarm horn. During standby, the temperature is displayed in degrees C.

## THE PARTS OF YOUR CO ALARM

- Test Button
- Activation / Deactivation tab (back of unit)
- Silence Button
- (Behind Cover) Alarm horn: 85dB audible alarm for test, alarm, and unit malfunction warning.
- Peak level button
- Digital Display with blue backlight.

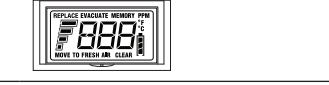


© 2016 BNK Brands, Inc. All rights reserved. Distributed by BNK Brands, Inc. • BNK Brands, Inc. is a subsidiary of Newell Brands Inc. (NYSE:NBIX) • First Alert® is registered trademark of The First Alert Trust • 3801 Liberty Street Road, Aurora, IL 60504-8122 • Consumer Affairs: (800) 323-9005 • www.firstalert.ca • www.bnkelectronics.com

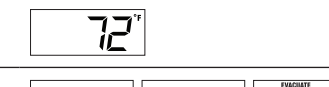
# UNDERSTANDING YOUR CO ALARM

Display glows and horn chirps when Alarm is first activated.

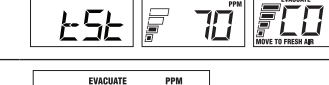
**DIGITAL DISPLAY:** All segments are turned on for a short time upon initial power. Then the temperature is displayed in degrees C.



**ALARM RECEIVING BATTERY POWER:** Horn is silent. Temperature will be displayed in degrees C.



**DURING TESTING:** One beep sounds when you press button. It is later followed by a 4-beep pattern that comes twice. **DIGITAL DISPLAY:** Display glows and shows "Test". Several joint CO levels are also displayed and the alarm level is shown increasing.



**CO ALARM:** Sensor has detected enough CO to trigger an alarm. Blue backlight glows and horn sounds loudly (repeating 4 beeps, pause). See "If Your CO AlarmSOUNDS" for details. During an alarm, most everyone to a source of fresh air. **DO NOT** move the CO Alarm! **DIGITAL DISPLAY:** "CO" alternating with the ppm number, a full bell, and "EVACUATE".



**CO ALARM REQUIRES SERVICE (MALFUNCTION SIGNAL):** The horn sounds 3 "chirps" every minute. CO Alarm needs to be replaced. **DIGITAL DISPLAY:** "Err" is displayed.



**CO ALARM END OF LIFE:** The horn sounds 3 chirps every minute. CO Alarm needs to be replaced. **DIGITAL DISPLAY:** "End" is displayed.



**USING THE PEAK CO MEMORY:** The CO Memory Feature lets you check the highest level of CO recorded during an alarm. **NOTE:** These bars will not appear when CO accumulation is low. The bars will be displayed when unit is exposed to a longer time and CO accumulation is higher.



**TO CHECK CO MEMORY:**

- Press and release the Test Button until the peak CO level is displayed.

**TO CLEAR CO MEMORY:**

- Automatically resets after 24 hours.
- Press and release Test Button until blue backlight glows.

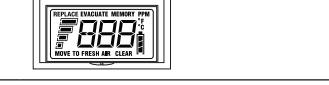
**NOTE:** Must press and release. Press and hold will not initiate "Test Mode". **NOTE:** The highest CO level will be saved for 30 hours. **DO NOT** clear the CO Memory reading if you do not call someone to investigate a CO problem. Check the CO Memory reading only after the investigator has checked your home. If the investigator will not arrive within the 24 hour time period before the unit automatically resets, be sure to write down the peak level.



# UNDERSTANDING YOUR CO ALARM

Display glows and horn chirps when Alarm is first activated.

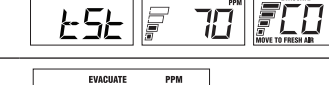
**DIGITAL DISPLAY:** All segments are turned on for a short time upon initial power. Then the temperature is displayed in degrees C.



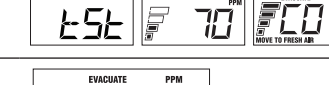
**ALARM RECEIVING BATTERY POWER:** Horn is silent. Temperature will be displayed in degrees C.



**DURING TESTING:** One beep sounds when you press button. It is later followed by a 4-beep pattern that comes twice. **DIGITAL DISPLAY:** Display glows and shows "Test". Several joint CO levels are also displayed and the alarm level is shown increasing.



**CO ALARM:** Sensor has detected enough CO to trigger an alarm. Blue backlight glows and horn sounds loudly (repeating 4 beeps, pause). See "If Your CO AlarmSOUNDS" for details. During an alarm, most everyone to a source of fresh air. **DO NOT** move the CO Alarm! **DIGITAL DISPLAY:** "CO" alternating with the ppm number, a full bell, and "EVACUATE".



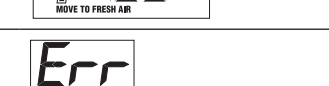
**CO ALARM REQUIRES SERVICE (MALFUNCTION SIGNAL):** The horn sounds 3 "chirps" every minute. CO Alarm needs to be replaced. **DIGITAL DISPLAY:** "Err" is displayed.



**CO ALARM END OF LIFE:** The horn sounds 3 chirps every minute. CO Alarm needs to be replaced. **DIGITAL DISPLAY:** "End" is displayed.



**USING THE PEAK CO MEMORY:** The CO Memory Feature lets you check the highest level of CO recorded during an alarm. **NOTE:** These bars will not appear when CO accumulation is low. The bars will be displayed when unit is exposed to a longer time and CO accumulation is higher.



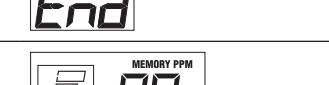
**TO CHECK CO MEMORY:**

- Press and release the Test Button until the peak CO level is displayed.

**TO CLEAR CO MEMORY:**

- Automatically resets after 24 hours.
- Press and release Test Button until blue backlight glows.

**NOTE:** Must press and release. Press and hold will not initiate "Test Mode". **NOTE:** The highest CO level will be saved for 30 hours. **DO NOT** clear the CO Memory reading if you do not call someone to investigate a CO problem. Check the CO Memory reading only after the investigator has checked your home. If the investigator will not arrive within the 24 hour time period before the unit automatically resets, be sure to write down the peak level.



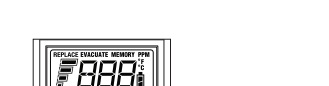
# UNDERSTANDING YOUR CO ALARM

Display glows and horn chirps when Alarm is first activated.

**DIGITAL DISPLAY:** All segments are turned on for a short time upon initial power. Then the temperature is displayed in degrees C.



**ALARM RECEIVING BATTERY POWER:** Horn is silent. Temperature will be displayed in degrees C.



**DURING TESTING:** One beep sounds when you press button. It is later followed by a 4-beep pattern that comes twice. **DIGITAL DISPLAY:** Display glows and shows "Test". Several joint CO levels are also displayed and the alarm level is shown increasing.



**CO ALARM:** Sensor has detected enough CO to trigger an alarm. Blue backlight glows and horn sounds loudly (repeating 4 beeps, pause). See "If Your CO AlarmSOUNDS" for details. During an alarm, most everyone to a source of fresh air. **DO NOT** move the CO Alarm! **DIGITAL DISPLAY:** "CO" alternating with the ppm number, a full bell, and "EVACUATE".



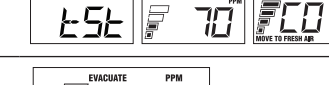
**CO ALARM REQUIRES SERVICE (MALFUNCTION SIGNAL):** The horn sounds 3 "chirps" every minute. CO Alarm needs to be replaced. **DIGITAL DISPLAY:** "Err" is displayed.



**CO ALARM END OF LIFE:** The horn sounds 3 chirps every minute. CO Alarm needs to be replaced. **DIGITAL DISPLAY:** "End" is displayed.



**USING THE PEAK CO MEMORY:** The CO Memory Feature lets you check the highest level of CO recorded during an alarm. **NOTE:** These bars will not appear when CO accumulation is low. The bars will be displayed when unit is exposed to a longer time and CO accumulation is higher.



**TO CHECK CO MEMORY:**

- Press and release the Test Button until the peak CO level is displayed.

**TO CLEAR CO MEMORY:**

- Automatically resets after 24 hours.
- Press and release Test Button until blue backlight glows.

**NOTE:** Must press and release. Press and hold will not initiate "Test Mode". **NOTE:** The highest CO level will be saved for 30 hours. **DO NOT** clear the CO Memory reading if you do not call someone to investigate a CO problem. Check the CO Memory reading only after the investigator has checked your home. If the investigator will not arrive within the 24 hour time period before the unit automatically resets, be sure to write down the peak level.



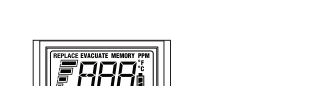
# UNDERSTANDING YOUR CO ALARM

Display glows and horn chirps when Alarm is first activated.

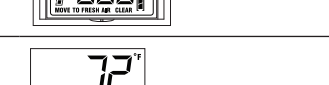
**DIGITAL DISPLAY:** All segments are turned on for a short time upon initial power. Then the temperature is displayed in degrees C.



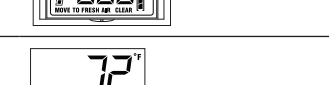
**ALARM RECEIVING BATTERY POWER:** Horn is silent. Temperature will be displayed in degrees C.



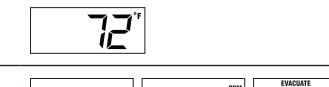
**DURING TESTING:** One beep sounds when you press button. It is later followed by a 4-beep pattern that comes twice. **DIGITAL DISPLAY:** Display glows and shows "Test". Several joint CO levels are also displayed and the alarm level is shown increasing.



**CO ALARM:** Sensor has detected enough CO to trigger an alarm. Blue backlight glows and horn sounds loudly (repeating 4 beeps, pause). See "If Your CO AlarmSOUNDS" for details. During an alarm, most everyone to a source of fresh air. **DO NOT** move the CO Alarm! **DIGITAL DISPLAY:** "CO" alternating with the ppm number, a full bell, and "EVACUATE".



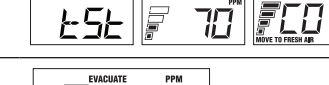
**CO ALARM REQUIRES SERVICE (MALFUNCTION SIGNAL):** The horn sounds 3 "chirps" every minute. CO Alarm needs to be replaced. **DIGITAL DISPLAY:** "Err" is displayed.



**CO ALARM END OF LIFE:** The horn sounds 3 chirps every minute. CO Alarm needs to be replaced. **DIGITAL DISPLAY:** "End" is displayed.



**USING THE PEAK CO MEMORY:** The CO Memory Feature lets you check the highest level of CO recorded during an alarm. **NOTE:** These bars will not appear when CO accumulation is low. The bars will be displayed when unit is exposed to a longer time and CO accumulation is higher.



**TO CHECK CO MEMORY:**

- Press and release the Test Button until the peak CO level is displayed.

**TO CLEAR CO MEMORY:**

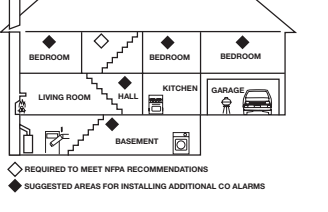
- Automatically resets after 24 hours.
- Press and release Test Button until blue backlight glows.

**NOTE:** Must press and release. Press and hold will not initiate "Test Mode". **NOTE:** The highest CO level will be saved for 30 hours. **DO NOT** clear the CO Memory reading if you do not call someone to investigate a CO problem. Check the CO Memory reading only after the investigator has checked your home. If the investigator will not arrive within the 24 hour time period before the unit automatically resets, be sure to write down the peak level.



# INSTALLATION WHERE TO INSTALL CO ALARMS

The National Fire Protection Association (NFPA) recommends that a CO Alarm should be centrally located outside of each separate sleeping area in the immediate vicinity of the bedrooms. For added protection, install additional CO Alarms in each separate bedroom, and on every level of your home. If your bedroom hallway is longer than 40 feet (12 meters), install a CO Alarm at BOTH ends of the hallway.



REQUIRED TO MEET NFPA RECOMMENDATIONS  
SUGGESTED AREA FOR INSTALLING ADDITIONAL CO ALARMS

- In a Single-level Home:**
  - Install at least one CO Alarm near or within each separate sleeping area.
  - For added protection, install an additional CO Alarm at least 20 feet (6 meters) away from the furnace or fuel burning appliance.
- In a Multi-level Home:**
  - Install at least one CO Alarm near or within each separate sleeping area.
  - For added protection, install at least one CO Alarm on each level of the home. If you have a basement, install that CO Alarm at the top of the basement stairs.
  - For added protection, install an additional CO Alarm at least 20 feet (6 meters) away from the furnace or fuel burning heat source.
- In a Mobile Home:**
  - Install CO Alarms on inside walls ONLY. Unobstructed outside walls and roofs of mobile homes often transfer heat and cold from outdoors.

## WHERE CO ALARMS SHOULD NOT BE INSTALLED

- DO NOT install this CO Alarm:**
  - In garages, kitchens, furnace rooms, or in any extremely dusty, dirty or greasy area.
  - Closer than 20 feet (6 meters) from a furnace or other fuel burning heat source, or fuel burning appliances like a water heater.
  - Within 5 feet (1.5 meters) of any cooking appliance.
  - In extremely humid areas. This alarm should be at least 10 ft (3 meters) from a bath or shower, sauna, humidifier, vaporizer, dishwasher, laundry room, utility room or other source of high humidity. Constant exposure to high or low humidity may reduce battery life.
  - In areas where temperature is colder than 40° F (4° C) or hotter than 100° F (37° C). These areas include unconditioned crawl spaces, unfinished attics, unventilated or poorly insulated ceilings, porches, and garages.
  - In bathroom air, near ceiling fans, heat vents, air conditioners, fresh air returns, or open windows. Blowing air may prevent CO from reaching the sensors.
  - In direct sunlight.

## HOW TO INSTALL YOUR CO ALARM

**Read "Where to Install CO Alarms" before starting.**

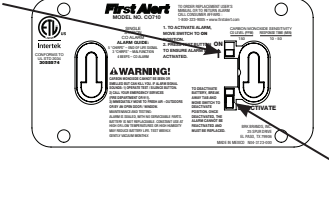
Before you start installation, find the part of self-adhesive labels included with this CO Alarm. On each label write in the phone number of your emergency responder (like 911) and a qualified appliance technician. Place one label near the CO Alarm, and the other label in the "fresh air" location you plan to go to the alarm sounds.

**NOTE:** Activate alarm prior to mounting.

- Activating the Battery:** When the activation switch is in the position. (Slide a small tool to help 1 activate switch to needed. Once unit is activated, it cannot be turned off.) **NOTE:** Horn chirps, and all segments are turned on for a short time upon activation.

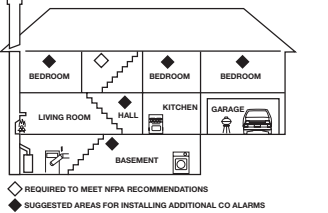
- To Permanently Disable the Alarm:** This CO Alarm contains a sealed, non-replaceable battery. Once it reaches the end of its service life, or after 10 years you must install a new CO Alarm. Deactivate the CO Alarm by inserting a tool below edge where shown and break tab. This side activation switch is DEACTIVATED.

- This CO Alarm can either be wall mounted or placed on a tabletop.** If Alarm is placed on a tabletop, be sure the Alarm is no more than 3 feet (0.9 meter) from the floor to minimize the risk of causing permanent damage to the Alarm in the event that it is accidentally knocked to the ground.



# INSTALLATION WHERE TO INSTALL CO ALARMS

The National Fire Protection Association (NFPA) recommends that a CO Alarm should be centrally located outside of each separate sleeping area in the immediate vicinity of the bedrooms. For added protection, install additional CO Alarms in each separate bedroom, and on every level of your home. If your bedroom hallway is longer than 40 feet (12 meters), install a CO Alarm at BOTH ends of the hallway.



REQUIRED TO MEET NFPA RECOMMENDATIONS  
SUGGESTED AREA FOR INSTALLING ADDITIONAL CO ALARMS

- In a Single-level Home:**
  - Install at least one CO Alarm near or within each separate sleeping area.
  - For added protection, install an additional CO Alarm at least 20 feet (6 meters) away from the furnace or fuel burning appliance.
- In a Multi-level Home:**
  - Install at least one CO Alarm near or within each separate sleeping area.
  - For added protection, install at least one CO Alarm on each level of the home. If you have a basement, install that CO Alarm at the top of the basement stairs.
  - For added protection, install an additional CO Alarm at least 20 feet (6 meters) away from the furnace or fuel burning heat source.
- In a Mobile Home:**
  - Install CO Alarms on inside walls ONLY. Unobstructed outside walls and roofs of mobile homes often transfer heat and cold from outdoors.

## WHERE CO ALARMS SHOULD NOT BE INSTALLED

- DO NOT install this CO Alarm:**
  - In garages, kitchens, furnace rooms, or in any extremely dusty, dirty or greasy area.
  - Closer than 20 feet (6 meters) from a furnace or other fuel burning heat source, or fuel burning appliances like a water heater.
  - Within 5 feet (1.5 meters) of any cooking appliance.
  - In extremely humid areas. This alarm should be at least 10 ft (3 meters) from a bath or shower, sauna, humidifier, vaporizer, dishwasher, laundry room, utility room or other source of high humidity. Constant exposure to high or low humidity may reduce battery life.
  - In areas where temperature is colder than 40° F (4° C) or hotter than 100° F (37° C). These areas include unconditioned crawl spaces, unfinished attics, unventilated or poorly insulated ceilings, porches, and garages.
  - In bathroom air, near ceiling fans, heat vents, air conditioners, fresh air returns, or open windows. Blowing air may prevent CO from reaching the sensors.
  - In direct sunlight.

## HOW TO INSTALL YOUR CO ALARM

**Read "Where to Install CO Alarms" before starting.**

Before you start installation, find the part of self-adhesive labels included with this CO Alarm. On each label write in the phone number of your emergency responder (like 911) and a qualified appliance technician. Place one label near the CO Alarm, and the other label in the "fresh air" location you plan to go to the alarm sounds.

**NOTE:** Activate alarm prior to mounting.

- Activating the Battery:** When the activation switch is in the position. (Slide a small tool to help 1 activate switch to needed. Once unit is activated, it cannot be turned off.) **NOTE:** Horn chirps, and all segments are turned on for a short time upon activation.

- To Permanently Disable the Alarm:** This CO Alarm contains a sealed, non-replaceable battery. Once it reaches the end of its service life, or after 10 years you must install a new CO Alarm. Deactivate the CO Alarm by inserting a tool below edge where shown and break tab. This side activation switch is DEACTIVATED.

- This CO Alarm can either be wall mounted or placed on a tabletop.** If Alarm is placed on a tabletop, be sure the Alarm is no more than 3 feet (0.9 meter) from the floor to minimize the risk of causing permanent damage to the Alarm in the event that it is accidentally knocked to the ground.



## SILENCING THE END OF LIFE SIGNAL

The Alarm can be temporarily quiet by the End of Life warning "chip" for 3 hours after the End of Life warning "chip" is pressing the Silence button. The horn will chirp, acknowledging that the End of Life feature has been activated.

## TESTING & MAINTENANCE

### WEEKLY TESTING

#### WARNING!

- Test the CO Alarm once a week. If the CO Alarm ever fails to test correctly, have it replaced immediately! If the CO Alarm is not working properly, it cannot alert you to a problem.
- DO NOT stand close to the Alarm when the horn is sounding. Exposure to close range may be harmful to your hearing. When testing, stay away when horns starts sounding.

You can test the CO Alarm by pressing the Test button on the Alarm cover until alarm chirps. The alarm horn will sound 4 beeps, a pause, then chirps. The alarm response should last 4 seconds. If the unit does not alarm, make sure it has been activated correctly, and test again. If the unit still does not alarm, replace it immediately.

#### WARNING!

- DO NOT tamper with the Alarm yourself... Always wait 5 minutes after the alarm is not operating properly, and it is still under warranty, please see "How to Obtain Warranty Service" or the Limited Warranty. Install a new CO Alarm immediately.
- NEVER use vehicle exhaust to test your Alarm! Exhaust may cause permanent damage and void your warranty!

## REGULAR MAINTENANCE

To keep the CO Alarm in good working order:

- Test it every week using the Test button.
- Vacuum the CO Alarm cover once a month, using the soft brush attachment. Never use water, cleaners, or solvents, since these may damage the unit. Test the CO Alarm again after vacuuming.

#### WARNING!

- Please dispose of or recycle the Alarm properly, following any local regulations. Consider your local waste management authority or recycling organization to find an electronics recycling facility in your area. **DO NOT DISPOSE OF ALARM IN FIRE, BATTERIES MAY EXPLODE OR LEAK.**
- DO NOT spray cleaning chemicals or insect sprays directly on or near the CO Alarm. **DO NOT** point near the CO Alarm. Doing so may cause permanent damage.

## IMPORTANT!

Household gas leaks, carbon monoxide, and other contaminants can affect the sensor. When using any of these materials near the CO Alarm, make sure the room is well ventilated.

## WHAT YOU NEED TO KNOW ABOUT CO

### WHAT IS CO?

CO is an invisible, odorless, tasteless gas produced when fossil fuels do not burn completely, or are exposed to heat (usually fire). Electrical appliances typically do not produce CO. These fuels include: wood, coal, charcoal, oil, natural gas, gasoline, kerosene, and propane.

Because CO may disappear to the air as an invisible gas, it may be difficult to locate the source of CO. BIRK Brands, Inc. shall not be obligated to pay for any carbon monoxide investigation or service call.

**Fast-Burning Appliances:** like portable heater, gas or wood burning fireplace, gas kitchen range or cooktop, gas clothes dryer.

**Damaged or malfunctioned venting:** corroded or disconnected water heater vent pipe, leaking chimney pipe or flue, or cracked heat exchanger, blocked or clogged chimney opening.

**Improper use of appliances:** operating a barbecue grill or vehicle in an enclosed area (like a garage or screened porch).

**Transient CO problems:** "transient" or on-again off-again CO problems can be caused by outdoor conditions and other special circumstances.

A CO Alarm is not a substitute for proper maintenance of home appliances.

## IMPORTANT!

### THIS IS NOT A SMOKING ALARM!

This CO Alarm is designed to detect carbon monoxide from ANY source of combustion. It is NOT designed to detect smoke, fire, or any other gas. Dangers, Warnings, and Cautions alert you to important controlling instructions to a potentially hazardous situation. Pay special attention to these areas.

#### CAUTION!

This CO Alarm is designed to detect carbon monoxide gas at the sensor. Carbon monoxide gas may be present in other areas.

#### WARNING!

- NEVER open your Carbon Monoxide Alarm if it alarms. Refer to "Your CO Alarm Sounds" for more information. Failure to do so can result in injury or death.
- Test the CO Alarm once a week. If the CO Alarm ever fails to test correctly, have it replaced immediately! If the CO Alarm is not working properly, it cannot alert you to a problem.
- This product is intended for use in a primary residential area. It is not designed to measure compliance with commercial and industrial standards.
- This CO Alarm is designed for use inside a single-family home or apartment. It is not meant to be used in common lobbies, hallways, or basements of multi-family buildings unless working CO Alarms are also installed in each family living unit. CO alarms in common areas may not be heard from inside individual family living units.
- This CO Alarm does not a suitable substitute for complete detection systems in places which house many people. Use hotels or dormitories, unless a CO Alarm is also placed in each unit.
- DO NOT use the CO Alarm in warehouses, industrial or commercial buildings, special purpose non-residential buildings, Ritz, boats, or airplanes.
- DO NOT use the CO Alarm specifically designed for residential use, and may not provide adequate protection in non-residential applications.
- This device is designed to protect individuals from the acute effects of carbon monoxide exposure. It will not fully safeguard individuals with specific medical conditions. If a doubt consult a medical practitioner.

#### WARNING!

Changes or modifications to the product, not expressly approved by First Alert® BIRK Brands, Inc., could void the user's warranty to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## WHAT LEVELS OF CO CAUSE AN ALARM?

Canadian Standards Association 6-19-01 requires residential CO Alarms to sound when exposed to levels of CO exposure times as described below. They are measured in parts per million (ppm) over CO time (in minutes).

- CSA 1.9 Required Alarm Period:
- If the alarm is exposed to 400 ppm of CO, IT MUST ALARM BETWEEN 4 and 15 MINUTES.
- If the alarm is exposed to 150 ppm of CO, IT MUST ALARM BETWEEN 10 and 50 MINUTES.
- If the alarm is exposed to 70 ppm of CO, IT MUST ALARM BETWEEN 60 and 240 MINUTES.

\*Approximately 10% COBQ exposure at levels of 10% to 30% Relative Humidity (RH).

The unit is designed to alarm when exposed to a constant level of 30 ppm for 30 days. CO Alarms are designed to alarm before there is an immediate life threat. Since you cannot see or smell CO, never assume it's not present.

- An exposure to 100 ppm of CO for 20 minutes will not affect anyone, healthy adults, but after 4 hours the same level may cause headaches.
- An exposure to 400 ppm of CO may cause headaches in average, healthy adults after 20 minutes, but can cause death after 2 hours.

This CO Alarm requires exposure to CO for time. It alarms if CO levels are extremely high in a short period of time, or if CO levels reach a certain maximum over a long period of time. The CO Alarm generally sounds an alarm before the onset of symptoms in average, healthy adults.

## GAS DETECTION AT TYPICAL TEMPERATURE AND HUMIDITY RANGES:

This CO Alarm is not calibrated to detect CO levels below 30 ppm typically. It is tested to have a false alarm rate to be between 200 ppm, below 2300 ppm, Relative CO ppm, Ethyl Acetate 2000 ppm, Isopropyl Alcohol 200 ppm and Carbon Dioxide 2000 ppm. Minimum measure gas and vapor concentrations in parts per million. Audio: Alarm: 55 dB minimum at 10 ft (3 meters).

## SILENCING THE END OF LIFE SIGNAL

The Alarm can be temporarily quiet by the End of Life warning "chip" for 3 hours after the End of Life warning "chip" is pressing the Silence button. The horn will chirp, acknowledging that the End of Life feature has been activated.

## TESTING & MAINTENANCE

### WEEKLY TESTING

#### WARNING!

- Test the CO Alarm once a week. If the CO Alarm ever fails to test correctly, have it replaced immediately! If the CO Alarm is not working properly, it cannot alert you to a problem.
- DO NOT stand close to the Alarm when the horn is sounding. Exposure to close range may be harmful to your hearing. When testing, stay away when horns starts sounding.

You can test the CO Alarm by pressing the Test button on the Alarm cover until alarm chirps. The alarm horn will sound 4 beeps, a pause, then chirps. The alarm response should last 4 seconds. If the unit does not alarm, make sure it has been activated correctly, and test again. If the unit still does not alarm, replace it immediately.

#### WARNING!

- DO NOT tamper with the Alarm yourself... Always wait 5 minutes after the alarm is not operating properly, and it is still under warranty, please see "How to Obtain Warranty Service" or the Limited Warranty. Install a new CO Alarm immediately.
- NEVER use vehicle exhaust to test your Alarm! Exhaust may cause permanent damage and void your warranty!

## REGULAR MAINTENANCE

To keep the CO Alarm in good working order:

- Test it every week using the Test button.
- Vacuum the CO Alarm cover once a month, using the soft brush attachment. Never use water, cleaners, or solvents, since these may damage the unit. Test the CO Alarm again after vacuuming.

#### WARNING!

- Please dispose of or recycle the Alarm properly, following any local regulations. Consider your local waste management authority or recycling organization to find an electronics recycling facility in your area. **DO NOT DISPOSE OF ALARM IN FIRE, BATTERIES MAY EXPLODE OR LEAK.**
- DO NOT spray cleaning chemicals or insect sprays directly on or near the CO Alarm. **DO NOT** point near the CO Alarm. Doing so may cause permanent damage.

## IMPORTANT!

Household gas leaks, carbon monoxide, and other contaminants can affect the sensor. When using any of these materials near the CO Alarm, make sure the room is well ventilated.

## WHAT YOU NEED TO KNOW ABOUT CO

### WHAT IS CO?

CO is an invisible, odorless, tasteless gas produced when fossil fuels do not burn completely, or are exposed to heat (usually fire). Electrical appliances typically do not produce CO. These fuels include: wood, coal, charcoal, oil, natural gas, gasoline, kerosene, and propane.

Because CO may disappear to the air as an invisible gas, it may be difficult to locate the source of CO. BIRK Brands, Inc. shall not be obligated to pay for any carbon monoxide investigation or service call.

**Fast-Burning Appliances:** like portable heater, gas or wood burning fireplace, gas kitchen range or cooktop, gas clothes dryer.

**Damaged or malfunctioned venting:** corroded or disconnected water heater vent pipe, leaking chimney pipe or flue, or cracked heat exchanger, blocked or clogged chimney opening.

**Improper use of appliances:** operating a barbecue grill or vehicle in an enclosed area (like a garage or screened porch).

**Transient CO problems:** "transient" or on-again off-again CO problems can be caused by outdoor conditions and other special circumstances.

A CO Alarm is not a substitute for proper maintenance of home appliances.

## IMPORTANT!

### THIS IS NOT A SMOKING ALARM!

This CO Alarm is designed to detect carbon monoxide from ANY source of combustion. It is NOT designed to detect smoke, fire, or any other gas. Dangers, Warnings, and Cautions alert you to important controlling instructions to a potentially hazardous situation. Pay special attention to these areas.

#### CAUTION!

This CO Alarm is designed to detect carbon monoxide gas at the sensor. Carbon monoxide gas may be present in other areas.

#### WARNING!

- NEVER open your Carbon Monoxide Alarm if it alarms. Refer to "Your CO Alarm Sounds" for more information. Failure to do so can result in injury or death.
- Test the CO Alarm once a week. If the CO Alarm ever fails to test correctly, have it replaced immediately! If the CO Alarm is not working properly, it cannot alert you to a problem.
- This product is intended for use in a primary residential area. It is not designed to measure compliance with commercial and industrial standards.
- This CO Alarm is designed for use inside a single-family home or apartment. It is not meant to be used in common lobbies, hallways, or basements of multi-family buildings unless working CO Alarms are also installed in each family living unit. CO alarms in common areas may not be heard from inside individual family living units.
- This CO Alarm does not a suitable substitute for complete detection systems in places which house many people. Use hotels or dormitories, unless a CO Alarm is also placed in each unit.
- DO NOT use the CO Alarm in warehouses, industrial or commercial buildings, special purpose non-residential buildings, Ritz, boats, or airplanes.
- DO NOT use the CO Alarm specifically designed for residential use, and may not provide adequate protection in non-residential applications.
- This device is designed to protect individuals from the acute effects of carbon monoxide exposure. It will not fully safeguard individuals with specific medical conditions. If a doubt consult a medical practitioner.

#### WARNING!

Changes or modifications to the product, not expressly approved by First Alert® BIRK Brands, Inc., could void the user's warranty to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## WHAT LEVELS OF CO CAUSE AN ALARM?

Canadian Standards Association 6-19-01 requires residential CO Alarms to sound when exposed to levels of CO exposure times as described below. They are measured in parts per million (ppm) over CO time (in minutes).

- CSA 1.9 Required Alarm Period:
- If the alarm is exposed to 400 ppm of CO, IT MUST ALARM BETWEEN 4 and 15 MINUTES.
- If the alarm is exposed to 150 ppm of CO, IT MUST ALARM BETWEEN 10 and 50 MINUTES.
- If the alarm is exposed to 70 ppm of CO, IT MUST ALARM BETWEEN 60 and 240 MINUTES.

\*Approximately 10% COBQ exposure at levels of 10% to 30% Relative Humidity (RH).

The unit is designed to alarm when exposed to a constant level of 30 ppm for 30 days. CO Alarms are designed to alarm before there is an immediate life threat. Since you cannot see or smell CO, never assume it's not present.

- An exposure to 100 ppm of CO for 20 minutes will not affect anyone, healthy adults, but after 4 hours the same level may cause headaches.
- An exposure to 400 ppm of CO may cause headaches in average, healthy adults after 20 minutes, but can cause death after 2 hours.

This CO Alarm requires exposure to CO for time. It alarms if CO levels are extremely high in a short period of time, or if CO levels reach a certain maximum over a long period of time. The CO Alarm generally sounds an alarm before the onset of symptoms in average, healthy adults.

## GAS DETECTION AT TYPICAL TEMPERATURE AND HUMIDITY RANGES:

This CO Alarm is not calibrated to detect CO levels below 30 ppm typically. It is tested to have a false alarm rate to be between 200 ppm, below 2300 ppm, Relative CO ppm, Ethyl Acetate 2000 ppm, Isopropyl Alcohol 200 ppm and Carbon Dioxide 2000 ppm. Minimum measure gas and vapor concentrations in parts per million. Audio: Alarm: 55 dB minimum at 10 ft (3 meters).

## SYMPTOMS OF CO POISONING

The following symptoms may be related to CARBON MONOXIDE POISONING and should be discussed with ALL members of the household.

**MIH exposure:** headaches, running nose, sore eyes, often described as "flu"-like symptoms.

**Medium exposure:** dizziness, drowsiness, vomiting.

**Extreme exposure:** unconsciousness, fainting, death.

Many cases of reported CARBON MONOXIDE POISONING indicate that while victims are aware they are not well, they become so disoriented they are unable to save themselves by either exiting the building or calling for assistance.

Some individuals are more sensitive to CO than others, including people with cardiac or respiratory problems, infants, unborn babies, pregnant mothers, or elderly people who can be more easily and severely affected by CO. Members of sensitive populations should consult their doctors to check for factors on taking additional precautions.

## THE FOLLOWING CONDITIONS CAN RESULT IN TRANSCIENT CO SITUATIONS:

- Excessive painting or severe venting of fuel appliances caused by outdoor conditions such as:
  - Wind direction and/or winds, including fog, gusty winds. Heavy rain in the vent pipe outdoors and/or with extended periods between cycles.
  - Negative pressure differential resulting from the use of exhaust fans.
  - Several appliances running at the same time competing for limited fresh air.
- Vent pipe connections relating leaks from clothes dryers, furnaces, or water heaters.
- Obstructions in or unconvictioned vent pipe designs which can amplify the above situations.
- Extended operation of unvented fuel burning devices, ovens, fireplaces.
- Temperature inversions, which can trap exhaust close to the ground.
- Car idling in an open or closed attached garage, or near a house.

## GENERAL LIMITATIONS OF CO ALARMS

This CO Alarm is intended for residential use. It is not intended for use in industrial applications where Occupational Safety and Health Administration (OSHA) requirements for carbon monoxide detectors may be used.

CO alarms may not wake all individuals. If children or others do not readily wake to the sound of the CO alarm, or if there are infants or family members with mobility limitations, make sure that someone is assigned to assist them in the event of an emergency.

CO Alarms will not work without power. The Alarm contains a sealed, non-replaceable battery.

CO Alarm for Solar or Wind Energy systems and battery backup power systems. AC powered CO Alarms should only be operated with true or pure sine wave inverters. Operating this Alarm with most better powered UPS (uninterruptible power supply) products or square wave or "quasi sine wave" inverters will damage the Alarm. If you are not sure about your inverter or UPS type, please consult with the manufacturer's website.

This CO Alarm will not sense carbon monoxide that does not reach the sensor. This CO Alarm will only sense CO at the sensor. CO may be present in other areas. Doors or other obstructions may affect the ability to sense the CO Alarm. For this reason, if bedroom doors are usually closed at night, we recommend you install a CO Alarm in each bedroom and in the hallway between them.

CO Alarms may not sense CO or another level of the home. For example, a CO Alarm on the second level, near the bedrooms, may not sense CO in the basement. For this reason, select CO Alarms may be adequate warning. Complete coverage is recommended. Place CO Alarms on each level of the house.

CO Alarms may not be heard. The Alarm has business needs to exceed current UL standards of 65 dB at 10 ft CE rating. However, if the CO Alarm is installed outside the bedroom, it may not wake a sound sleeper or who has recently spent the night in a sleeping pocketed bedroom. This is especially true if the door is closed or only partly open. Even visitors who are awake may not hear the Alarm horn if the sound is blocked by distance or closed doors. Noise from traffic, storms, radio, television, or conditions, or other appliances may also prevent alert persons from hearing the Alarm horn. This CO Alarm is not intended for people who are hearing impaired.

CO Alarms are not a substitute for a smoke alarm. Although it is a source of other monoxide, the CO Alarm does not sense smoke or fire. This CO Alarm senses CO that may be escaping unnoticed from malfunctioning furnaces, appliances, or other sources. Early warning of the requires the installation of smoke alarms.

CO Alarms are not a substitute for life insurance. Though this CO Alarm was approved against CO levels, BIRK Brands, Inc. does not warrant or imply in any way that they will protect from CO poisoning. Homeowners and renters must still insure their lives.

CO Alarms have a limited life. Although the CO Alarm all of its parts have passed many stringent tests and designed to be as reliable as possible, any of these parts could fail at any time. Therefore, you must test your CO Alarm weekly.

CO Alarms are not foolproof. Like all other electronic devices, CO Alarms have limitations. They can only detect CO that reaches their sensors. They may not get early warning to rising CO levels if the CO is coming from a remote part of the home, away from the CO Alarm.

## SYMPTOMS OF CO POISONING

The following symptoms may be related to CARBON MONOXIDE POISONING and should be discussed with ALL members of the household.

**MIH exposure:** headaches, running nose, sore eyes, often described as "flu"-like symptoms.

**Medium exposure:** dizziness, drowsiness, vomiting.

**Extreme exposure:** unconsciousness, fainting, death.

Many cases of reported CARBON MONOXIDE POISONING indicate that while victims are aware they are not well, they become so disoriented they are unable to save themselves by either exiting the building or calling for assistance.

Some individuals are more sensitive to CO than others, including people with cardiac or respiratory problems, infants, unborn babies, pregnant mothers, or elderly people who can be more easily and severely affected by CO. Members of sensitive populations should consult their doctors to check for factors on taking additional precautions.

## THE FOLLOWING CONDITIONS CAN RESULT IN TRANSCIENT CO SITUATIONS:

- Excessive painting or severe venting of fuel appliances caused by outdoor conditions such as:
  - Wind direction and/or winds, including fog, gusty winds. Heavy rain in the vent pipe outdoors and/or with extended periods between cycles.
  - Negative pressure differential resulting from the use of exhaust fans.
  - Several appliances running at the same time competing for limited fresh air.
  - Vent pipe connections relating leaks from clothes dryers, furnaces, or water heaters.
  - Obstructions in or unconvictioned vent pipe designs which can amplify the above situations.
- Extended operation of unvented fuel burning devices, ovens, fireplaces.
- Temperature inversions, which can trap exhaust close to the ground.
- Car idling in an open or closed attached garage, or near a house.

## GENERAL LIMITATIONS OF CO ALARMS

This CO Alarm is intended for residential use. It is not intended for use in industrial applications where Occupational Safety and Health Administration (OSHA) requirements for carbon monoxide detectors may be used.

CO alarms may not wake all individuals. If children or others do not readily wake to the sound of the CO alarm, or if there are infants or family members with mobility limitations, make sure that someone is assigned to assist them in the event of an emergency.

CO Alarms will not work without power. The Alarm contains a sealed, non-replaceable battery.

CO Alarm for Solar or Wind Energy systems and battery backup power systems. AC powered CO Alarms should only be operated with true or pure sine wave inverters. Operating this Alarm with most better powered UPS (uninterruptible power supply) products or square wave or "quasi sine wave" inverters will damage the Alarm. If you are not sure about your inverter or UPS type, please consult with the manufacturer's website.

This CO Alarm will not sense carbon monoxide that does not reach the sensor. This CO Alarm will only sense CO at the sensor. CO may be present in other areas. Doors or other obstructions may affect the ability to sense the CO Alarm. For this reason, if bedroom doors are usually closed at night, we recommend you install a CO Alarm in each bedroom and in the hallway between them.

CO Alarms may not sense CO or another level of the home. For example, a CO Alarm on the second level, near the bedrooms, may not sense CO in the basement. For this reason, select CO Alarms may be adequate warning. Complete coverage is recommended. Place CO Alarms on each level of the house.

CO Alarms may not be heard. The Alarm has business needs to exceed current UL standards of 65 dB at 10 ft CE rating. However, if the CO Alarm is installed outside the bedroom, it may not wake a sound sleeper or who has recently spent the night in a sleeping pocketed bedroom. This is especially true if the door is closed or only partly open. Even visitors who are awake may not hear the Alarm horn if the sound is blocked by distance or closed doors. Noise from traffic, storms, radio, television, or conditions, or other appliances may also prevent alert persons from hearing the Alarm horn. This CO Alarm is not intended for people who are hearing impaired.

CO Alarms are not a substitute for a smoke alarm. Although it is a source of other monoxide, the CO Alarm does not sense smoke or fire. This CO Alarm senses CO that may be escaping unnoticed from malfunctioning furnaces, appliances, or other sources. Early warning of the requires the installation of smoke alarms.

CO Alarms are not a substitute for life insurance. Though this CO Alarm was approved against CO levels, BIRK Brands, Inc. does not warrant or imply in any way that they will protect from CO poisoning. Homeowners and renters must still insure their lives.

CO Alarms have a limited life. Although the CO Alarm all of its parts have passed many stringent tests and designed to be as reliable as possible, any of these parts could fail at any time. Therefore, you must test your CO Alarm weekly.

CO Alarms are not foolproof. Like all other electronic devices, CO Alarms have limitations. They can only detect CO that reaches their sensors. They may not get early warning to rising CO levels if the CO is coming from a remote part of the home, away from the CO Alarm.

## TROUBLESHOOTING GUIDE

Problem...	This means...	You should...
The horn sounds 3 "chirp" every minute.	<b>MAJUNCTION SIGNAL.</b> Based on a Self Test diagnostic, the unit has detected a malfunction. The unit needs to be replaced. <b>END OF LIFE SIGNAL.</b> CO Alarm needs to be replaced.	CO Alarms under warranty should be returned to manufacturer for replacement. See "Limited Warranty" for details. Immediately replace the CO Alarm.
CO Alarm goes back into alarm 6 minutes after you press the Test/Silence button.	CO levels indicate a potentially dangerous situation.	If YOU ARE FEELING SYMPTOMS OF CO POISONING, EVACUATE your home and call 911 or the Fire Department. If not, press the Test/Silence button again and keep ventilating your home.
CO Alarm sounds frequently even though no high levels of CO are measured in an investigation.	The CO Alarm may be inappropriately located. Refer to "Where to Install CO Alarms."	Relocate your Alarm. If frequent alarms continue, have them checked for potential CO problems. You may be experiencing an intermittent CO problem.
If you have any questions that cannot be answered by reading this manual, call Consumer Affairs at 1-800-323-9005.		

This class of digital appliance complies with Canadian ICES-003. This device complies with Industry Canada's exempt RSS standards. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

## LIMITED WARRANTY

BIRK Brands, Inc. ("BIRK," the maker of First Alert® brand and BIRK® brand products, warrants that for a period of ten years from the date of purchase, the product will be free from defects in material and workmanship. BIRK, its agents, will repair or replace the product or any component of the product found to be defective during the warranty period. Replacement will be made with a new or re-manufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is a non-exclusive warranty.

The warranty will only be the original retail purchaser from the date of initial retail purchase and is not transferrable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. BIRK dealers, service centers, or retail stores selling BIRK products do not have the right to alter, modify or add to the above terms and conditions of the warranty.

This warranty does not cover normal wear of parts or damage resulting from any of the following: application or misuse of the product, use or misuse of the product, use or misuse of improper voltage or current, use contrary to the operating instructions, disassembly, repair or alteration by anyone other than BIRK or an authorized service center. Further, the warranty does not cover Acts of God, such as fire, flood, hurricanes and tsunamis or air battles that are included with this warranty. BIRK shall not be liable for any incidence of consequential damages caused by the breach of an express or implied warranty. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose is hereby limited or excluded to the duration of the above warranty. Some states, provinces or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from those to state or province to practice.

**Service:** If service is required, do not return the product to your retailer. In order to obtain warranty service, contact the Consumer Affairs Division at 1-800-323-9005. To assist in service, please have the model number and date of purchase available when calling.

**For Warranty Service returns to:** BIRK Brands, Inc., 1301 Joel Battle Pkwy, TX 75069

**Battery BIRK Brands, Inc.** make no warranty, express or implied, written or oral, including that of merchantability or fitness for any particular purpose with respect to battery. Visit [www.FirstAlert.com](http://www.FirstAlert.com) for more information.

For your records, please record:	Replace alarm 10 years after installation. Please write the date in the space provided:
Date Purchased: _____	Date Installed: _____ Month/Year
When Purchased: _____	The alarm will also provide an audible End-of-Life Signal approximately 10 years after installation to remind you to replace the unit. The End-of-Life Signal can be silenced for up to 3 days. Do not deactivate alarm until you have a replacement.
Date Installed: _____	Month/Year

Printed in Mexico: M01-152718-C0770A-CA K3 1/16

## TROUBLESHOOTING GUIDE

Problem...	This means...	You should...
The horn sounds 3 "chirp" every minute.	<b>MAJUNCTION SIGNAL.</b> Based on a Self Test diagnostic, the unit has detected a malfunction. The unit needs to be replaced. <b>END OF LIFE SIGNAL.</b> CO Alarm needs to be replaced.	CO Alarms under warranty should be returned to manufacturer for replacement. See "Limited Warranty" for details. Immediately replace the CO Alarm.
CO Alarm goes back into alarm 6 minutes after you press the Test/Silence button.	CO levels indicate a potentially dangerous situation.	If YOU ARE FEELING SYMPTOMS OF CO POISONING, EVACUATE your home and call 911 or the Fire Department. If not, press the Test/Silence button again and keep ventilating your home.
CO Alarm sounds frequently even though no high levels of CO are measured in an investigation.	The CO Alarm may be inappropriately located. Refer to "Where to Install CO Alarms."	Relocate your Alarm. If frequent alarms continue, have them checked for potential CO problems. You may be experiencing an intermittent CO problem.
If you have any questions that cannot be answered by reading this manual, call Consumer Affairs at 1-800-323-9005.		

This class of digital appliance complies with Canadian ICES-003. This device complies with Industry Canada's exempt RSS standards. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

## LIMITED WARRANTY

BIRK Brands, Inc. ("BIRK," the maker of First Alert® brand and BIRK® brand products, warrants that for a period of ten years from the date of purchase, the product will be free from defects in material and workmanship. BIRK, its agents, will repair or replace the product or any component of the product found to be defective during the warranty period. Replacement will be made with a new or re-manufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is a non-exclusive warranty.

The warranty will only be the original retail purchaser from the date of initial retail purchase and is not transferrable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. BIRK dealers, service centers