

## IF YOUR CO ALARM SOUNDS

### ⚠WARNING!

Actuation of your CO Alarm indicates the presence of carbon monoxide (CO) which can kill you. When your CO Alarm sounds, you must not ignore it!

### IF THE ALARM SOUNDS:

1. Operate the Test/Silence button to silence the alarm.
2. Call your emergency services, fire department or 911. Write down the number of your local emergency service here:
3. Immediately move to fresh air—outdoors or by an open door or window. Do a head count to check that all persons are accounted for. Do not re-enter the premises, or move away from the open door or window until the emergency services responder has arrived, the premises have been aired out, and your CO Alarm remains in its normal condition.
4. After following steps 1-3, if your CO Alarm reactivates within a 24-hour period, repeat steps 1-3 and call a qualified appliance technician to investigate for sources of CO from fuel-burning equipment and appliances, and inspect for proper operation of this equipment. If problems are identified during this inspection have the equipment serviced immediately. Note any combustion equipment not inspected by the technician, and consult the manufacturers' instructions, or contact the manufacturers directly, for more information about CO safety and this equipment. Make sure that motor vehicles are not, and have not, been operating in an attached garage or adjacent to the residence. Write down the number of a qualified appliance technician here:

### ⚠WARNING!

Alarms have various limitations. See "General Limitations of CO Alarms" for details.

## USING THE SILENCE FEATURES

### ⚠WARNING!

**NEVER disconnect the power to your CO Alarm to silence the horn—use the silence feature. Disconnecting the CO Alarm removes your protection! See previous page for details on responding to an alarm.**

The Silence Feature is intended to temporarily silence your CO Alarm's alarm horn while you correct the problem—it will not correct a CO problem. While the Alarm is silenced, it will continue to monitor the air for CO. When CO reaches alarm level, the unit will sound—repeating horn pattern: 4 beeps, a pause, 4 beeps, etc. Press and hold the Test/Silence button until the horn is silent. The Silence cycle will last approximately 4 minutes.

**To silence an interconnected series of Alarms, you must press the Test/Silence button on the initiating alarm (the unit with the flashing red light). If you press the Test/Silence on any other Alarm, it will only silence that unit, not the whole interconnected series.**

**NOTE:** After the 4-minute silence cycle, the CO Alarm re-evaluates present CO levels and responds accordingly. If CO levels remain potentially dangerous—or start rising higher—the horn will start sounding again.

### While the CO Alarm is silenced:

**If the CO Alarm...is silent for only 4 minutes, then starts sounding loudly—4 beeps, then a pause, 4 beeps, then a pause. Red light (LED) continues flashing... This means...CO levels are still potentially dangerous.**

**If the CO Alarm...remains silent...**

**This means...unit has returned to normal operation.**

## SILENCING THE LOW BATTERY WARNING

This silence feature can temporarily quiet the low battery warning "chirp" for up to 8 hours if AC power is present. Press the Test/Silence button on the alarm cover. Once the low battery warning "chirp" silence feature is activated, the unit continues to flash the red light once a minute for 8 hours. After 8 hours, the low battery "chirp" will resume. **Replace the battery as soon as possible**, to maintain protection in the event of a power outage.

## LATCHING FEATURES

**Alarm Latch** is activated after an Alarm is exposed to alarm levels of carbon monoxide. This feature will only work with AC power. After CO levels drop below alarm levels, the Red LED will begin to flash On for 2 seconds and Off for 2 seconds. It will continue to flash or "latch" until you clear it by testing the Alarm.

This feature helps emergency responders, investigators, or service technicians identify which unit(s) in your home were exposed to alarm levels of carbon monoxide. This can help investigators pinpoint the source of CO.

**Interconnected Alarms.** Latching Alarm Indicator shows which Alarm(s) in the series were exposed to alarm levels of carbon monoxide.

The Latching Alarm Indicator stays ON until you clear it, so it can alert you to a CO Alarm that occurred while you were away from home, even though CO present in the air has dropped below alarm levels.

**Low Battery Latch** is activated when the Alarm is in the "low battery condition". When this occurs, the red LED flashes 4 seconds On/2 seconds Off. This feature is designed to help you identify which Alarm needs to have the battery replaced. Although, the Alarm will sound the low battery chirp approximately once every minute, sometimes during the initial stages of "low battery", the Alarm will chirp in greater intervals than one minute, sometimes up to several hours, until the battery reaches a steady low battery level. This innovative feature eliminates the frustration of waiting for and/or identifying which unit is chirping.

## WEEKLY TESTING

Push and hold the Test/Silence button until you hear an acknowledge chirp and a loud alarm sounds — 4 beeps, pause, 4 beeps. This sequence should last for 10 seconds. If the Alarm ever fails to test properly, replace it immediately. If the Alarm is not working properly, refer to "Limited Warranty".

### ⚠WARNING!

- **If the Alarm ever fails to test properly, replace it immediately. Products under warranty may be returned to the manufacturer for replacement. See "Limited Warranty" at the end of this manual.**
- **DO NOT stand close to the Alarm when the horn is sounding. Exposure at close range may be harmful to your hearing. When testing, step away when horn starts sounding.**
- **NEVER use vehicle exhaust! Exhaust may cause permanent damage and voids your warranty.**

## REGULAR MAINTENANCE

To keep the CO Alarm working properly:

- Test it every week as described in "Weekly Testing."
- Vacuum the CO Alarm cover at least once a month, using the soft brush attachment. Never use water, cleaners, or solvents, since they may damage the unit. Test the Alarm again after vacuuming.
- Replace the battery immediately when you see/hear the "Low Battery Warning".

### The Low (or Missing) Battery Warning (CO5120PDBN):

The horn will "chirp" once a minute and the word "bat" will flash on and off on the display.

## REPLACING THE BATTERY

**Choosing a replacement battery:** This unit requires one standard 9V alkaline battery. The following alkaline batteries are acceptable as replacements: Duracell #MN1604 or MX1604; Eveready "Energizer" 522. These replacement batteries are commonly available at local retail stores.

### IMPORTANT!

Use only the alkaline or lithium replacement batteries listed. The unit may not operate properly with other batteries. Never use rechargeable batteries since they may not provide a constant charge.

### ⚠CAUTION!

**DO NOT spray cleaning chemicals or insect sprays directly on or near the CO Alarm. DO NOT paint over the CO Alarm. Doing so may cause permanent damage.**

### IMPORTANT!

- Household cleaners, aerosol chemicals and other contaminants can affect the sensor. When using any of these materials near the CO Alarm, make sure the room is well ventilated.
- If your home is being fumigated, unplug the unit temporarily and put it where it will not be exposed to chemicals or fumes. When fumigation is complete and all traces of fumes clear, plug the unit back in and retest it.

## 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.

Common appliances are often sources of CO. If they are not properly maintained, are improperly ventilated, or malfunction, CO levels can rise quickly. CO is a real danger now that homes are more energy efficient. "Air-tight" homes with added insulation, sealed windows, and other weatherproofing can "trap" CO inside.