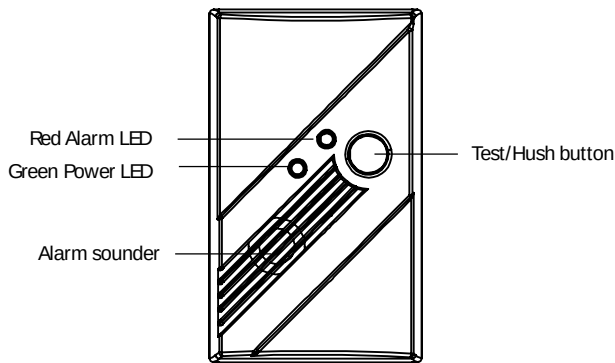


263A-CO-OEM-ATT01

Carbon Monoxide Detector

Figure 1: Detector features



⚠ WARNING: This detector should be installed by a certified technician.

Attention: Please take a few minutes to thoroughly read this user guide which should be saved for future reference and passed on to any subsequent owner.

Description

The 263A-CO-OEM-ATT01 wireless carbon monoxide (CO) detector monitors the levels of CO gas and gives early warning when potentially dangerous levels exist. It does not detect fire, smoke, or any other gas. If a dangerous concentration of CO is detected by the patented and field-proven electrochemical sensor, an LED indicator illuminates and an internal siren is activated in temporal 4 pattern. The CO detector also transmits an alarm signal to the control panel within 15 seconds of detecting dangerous concentration of CO gas. The control panel activates its internal siren and reports the detector condition to the central monitoring station. The CO detector also detects low battery, wall tamper, and detector end-of-life. These trouble codes are transmitted to the control panel. The detector automatically resets when CO is no longer detected.

The 263A-CO-OEM-ATT01 wireless CO Detector is certified to the ANSI/UL2075 standard for CO detectors. It is intended for residential indoor dwelling unit applications. It is not intended for use in industrial applications.

⚠ WARNING: After ten years from initial power up, this detector will beep two times every 30 seconds to indicate that it is time to replace the detector. Replace the detector immediately! It will not detect CO in this condition.

To help identify the date to replace the detector, an area has been reserved on the side of the detector. Write the "replace by" date (ten years from power up) with a permanent marker in the area provided.

⚠ WARNING: Installation of this CO detector is not a substitute for proper installation, use, and maintenance of fuel burning appliances including appropriate ventilation and exhaust systems.

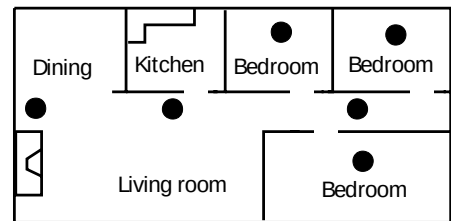
Detector location

CO detectors should be mounted in or near bedrooms and living areas. We recommend that you install a detector on each level of your home.

When choosing your installation locations, make sure you can hear the detector from all sleeping areas. If you install only one CO detector in your home, install it near bedrooms, not in the basement or furnace room.

Place the detector out of reach of children. Under no circumstances should children be allowed to handle the CO detector.

Figure 2: Recommended locations



Locations to avoid

Improper location can affect the sensitive electronic components in this detector. To avoid causing damage to the unit, to provide optimum performance, and to prevent unnecessary nuisance detectors:

- Do not install in kitchens, garages, or furnace rooms that may expose the sensor to substances that could damage or contaminate it.
- Do not install in areas where the temperature is colder than 40°F (4.4°C) or hotter than 100°F (37.8°C) such as crawl spaces, attics, porches, and garages.
- Do not install within 5 ft. of heating or cooking appliances. (We recommend 15 ft. to prevent nuisance alarms.)
- Do not install near vents, flues, chimneys, or any forced/unforced air ventilation openings.
- Do not install on metal surfaces.
- Avoid mounting in areas with a large quantity of metal or electrical wires.
- Do not install near ceiling fans, doors, windows, or areas directly exposed to the weather.
- Do not install in dead air spaces, such as peaks of vaulted ceilings or gabled roofs, where CO may not reach the sensor in time to provide early warning.

- Do not install near deep-cell large batteries. Large batteries have emissions that can cause the alarm to perform at less than optimum performance.
- Do not obstruct the vents located on the detector. Do not place the detector where drapes, furniture, or other objects block the flow of air to the vents.
- Do not install directly above sink. Do not install in a damp or humid location or in the immediate vicinity of a cooking appliance.

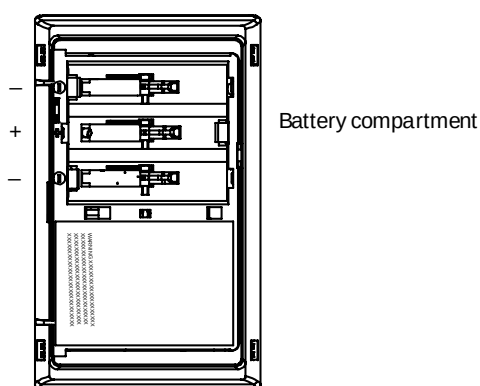
Battery installation and replacement

Note: Place the control panel into sensor test mode prior to replacing the batteries. If the control panel is not in sensor test mode during battery replacement, an alarm/tamper condition may be indicated.

To install or replace the batteries in this detector:

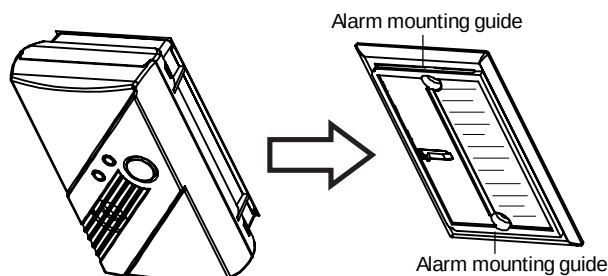
1. Slide the detector body off of the mounting plate.
2. If replacing batteries, remove the old batteries and properly dispose of them as recommended by the battery manufacturer.
3. Install the new batteries. Note the polarity illustration in the battery compartment (see Figure 3 below).

Figure 3: Batteries



4. Slide the body back onto the mounting plate.
Note: The mounting plate will not close if all three batteries are not installed.

Figure 4: Sliding the detector on the mounting plate



5. Perform a sensor/RF test with the control panel. See "RF communication test" on page 3

When replacing the batteries, use the following approved brand:

- Duracell MN1500
- Energizer E91

Note: Replacement batteries can be purchased at your local hardware store.

Use of a different battery may have a detrimental effect on the detector operation.

Note: Do not use lithium batteries in this unit.

Note: Constant exposures to high or low humidity may reduce battery life.

After installing or changing the batteries, reinstall your detector. Test your detector by using the Test/Hush button and check that the green Power LED is on.

Mounting the detector

Note: Verify RF performance prior to permanently mounting the detector. See "RF communication test" on page 3.

The CO detector can be wall mounted or ceiling mounted.

To mount the detector:

1. Slide the body off of the mounting plate. Place the mounting plate in the desired location, and mark the location of the two mounting holes. Orient the mounting plate vertically or horizontally as shown in the following figures.

Figure 5: Vertical mounting

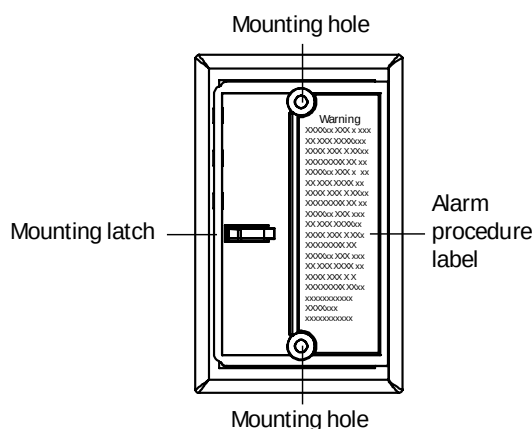
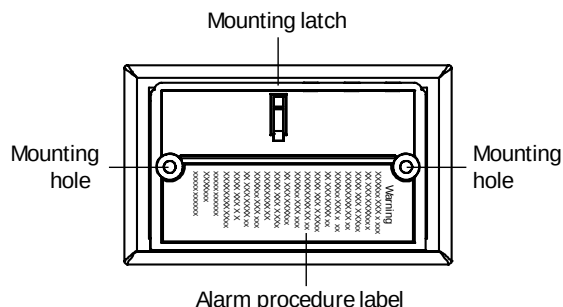


Figure 6: Horizontal mounting



2. Insert the two screws provided and secure the mounting plate to the wall or ceiling surface.

3. After the mounting plate is secured, slide the detector over the mounting plate (see Figure 4 on page 2).

Important labels provided

Two labels have been provided that have important information on what to do in case of an alarm. Add the phone number of your emergency service provider in the space provided. Place one label next to the detector after it is mounted, and one label near a fresh air source such as a door or window.

Programming

The following section provides a general guideline for programming (learning) the unit into control panel memory. Refer to the panel documentation for complete programming details.

To add the CO detector to panel memory:

1. Set the panel to program mode.
2. Proceed to the Learn/Add Sensors menu.
3. Select the desired sensor number.
4. Push the "Learn" button on the RF Module (within the detector) using the provided tool to initiate enrollment. The access hole is on the side of the detector.
5. When the panel prompts you for sensor group number, enter the appropriate group number based on the system panel.
6. At the panel, exit program mode.

Note: Each CO detector is programmed with a unique ID when manufactured. The unique ID is enrolled into the control panel at the time of installation, allowing the CO detector to communicate with that specific control panel.

Testing

Note: This unit is sealed. The cover is not removable.

⚠ WARNING: The control panel must be placed into sensor test mode while conducting any tests. Placing the control panel into sensor test mode for all testing helps to protect against false alarms and unintentional central station reporting.

Due to the loudness of the detector, we suggest that you place your fingers over the sounder vent while testing your detector.

⚠ Caution: Continuous exposure to the high sound level of this detector over an extended period of time may cause hearing loss.

The CO detector provides three test modes:

- **Normal CO detector test.** Conducts an internal self-test and tests the sounder.
- **RF communication test.** Tests the communication path with the control panel.
- **CO sensor functional gas test.** Tests the functional operation of the CO sensing element.

Normal CO detector test

1. Wait at least 10 minutes after installation to test the CO detector.

2. Make sure the green Power LED is flashing for normal operation.
3. Set the control panel to sensor test mode.
4. Press and hold the Test/Hush button until the unit beeps two times (approximately 5 seconds), and then release the button. If the unit is operating properly, you will hear four quick beeps, followed by 5 seconds of silence, followed by four quick beeps. The "TEST" and "ALARM" messages will be sent to panel.
5. At the control panel, exit sensor test mode.

RF communication test

This section provides general guidelines for testing the CO detector with the panel. Refer to the specific panel documentation for complete testing details.

Before testing, ensure that your control panel is set to sensor test mode. Setting your panel to sensor test mode prevents an alarm signal from being transmitted to the central monitoring station (if you have a monitored system).

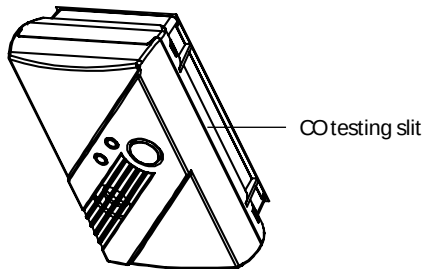
1. Wait at least 10 minutes after installation to test the CO detector.
2. Make sure the green Power LED is flashing for normal operation.
3. Set the control panel to sensor test mode.
4. Press and hold the Test/Hush button until the unit beeps once (approximately 1 second), and then release the button. If the unit is operating properly, you will hear four quick beeps. The "TEST" message will be sent to panel.
5. The control panel will beep and display the number of RF packets received.
6. At the panel, exit sensor test mode.

CO inspection and functional gas test

A canned CO testing agent must be used for the CO functional gas test. Contact local supplier for canned CO gas – solo C6 or equivalent.

1. Wait at least 10 minutes after installation to test the CO detector.
2. Make sure the green Power LED is flashing for normal operation.
3. Set the control panel to sensor test mode.
4. Press and hold the Test/Hush button until the unit beeps three times (approximately 10 seconds), and then release the button. The unit will enter the functional gas test mode. The Power LED will blink once per second while in functional test mode.
5. Apply a CO test agent to the slit as shown in Figure 7. When CO is detected, the unit will activate a CO alarm. The unit will send RF test packets to the control panel when the CO alarm is activated.

Figure 7: CO testing slit



6. The control panel will beep and display the number of RF packets received.
7. At the control panel, exit sensor test mode.
8. Exit functional gas test mode:
Press and release the Test/Hush button; or a 2 minute timeout will automatically cause the unit to return to normal operating mode.

Troubleshooting

This information is provided to help you diagnose and solve various problems that may arise while configuring or using the wireless CO detector.

Unit does not power up properly or reports low battery:

- Make sure the batteries are fully seated within the battery compartment and the polarity is correct.
- Make sure that all three batteries are installed.
- Check the battery voltage (1.5 VDC nominal per battery).

Control panel does not respond:

- Move or rotate the CO detector position.
- Make sure the CO detector is properly enrolled into the control panel.
- Make sure that you are using a compatible control panel (see Specifications ” on page 5).

Tamper condition does not restore:

- Make sure the CO detector body is properly installed on the mounting plate.
- Make sure there are no trouble indications at the CO detector.

If a tamper condition occurs:

- Make sure that the control panel is in sensor test mode during detector testing.

Detector/open condition does not restore:

- Make sure that the CO detector condition has cleared at the CO sensor.

Specifications

Power	Three AA batteries
Battery type	1.5 VDC alkaline
Required batteries	Duracell MN1500 Energizer E91
Sensor	Electrochemical
Type	B
Battery Life	1 Year (minimum)
Detector life	10 years
Audible detector	Temporal 4
Detector response times	70 PPM = 60-240 min. 150 PPM = 10-50 min. 400 PPM = 4-15 min.
Dimensions	4.68 x 2.75 x 1.85 in. (119 x 70 x 47 mm)
Storage temperature	-4 to 140°F (- 20 to 60°C)
Operating environment	
Temperature	40 to 100°F (4.4 to 37.8°C)
Relative humidity	10 to 95% noncondensing

Regulatory information

Agency Rating

ANSI/UL2075, CSFM



Manufacturing information

Manufactured by:
Kidde Safety UTC CCS
4820 Centennial Blvd., Suite 145
Colorado Springs, CO 80919

FCC Compliance

FCC ID: QPY-CO915FFH

IC: 8303B-CO915FFH

The device complies with part 15 of the FCC Rules as well as Industry Canada Rules and Regulations license-exempt RSS standard(s). 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

⚠ WARNING: Any changes or modifications made to this product not expressly authorized by the manufacturer could void the user's right to operate this device.

Operation characteristics

Table 1: Operation characteristics

	LED Display	Detector sound	Unit status	Control panel status	Recommendation
Normal operation	Green Power LED flashes every 30 seconds.	None.	Normal DC operation (sensing no CO) and with good batteries.	Normal operating condition.	None.
Carbon monoxide alarm	Red Detector LED flashes with beeps.	Four quick beeps, 5 seconds silence, repeating.	Alarm condition. Dangerous concentrations of CO detected.	Alarm condition.	See "Emergency Actions" on page 7.
Low battery / low battery hush	Red Detector LED flashes every 60 seconds.	One quick beep every 60 seconds.	Batteries need to be replaced.	Trouble condition, trouble beeps every 60 seconds.	Replace all three AA batteries. Press Test/Hush button and release. This will silence the low battery audible chirp between 8 and 11 hours allowing for a more convenient time to replace the batteries.
Detector end-of-life indicator/ end-of-life hush	Red Detector LED flashes two times every 30 seconds.	Two quick beeps every 30 seconds.	End of CO detector life.	Trouble condition, trouble beeps every 60 seconds.	Press the Test/Hush button and release. This will silence the end-of-life signal for up to three days. After three days, the unit will resume end-of-life chirps. Hush mode will silence the detector ten times or up to 30 days. After 30 days, the unit can no longer be hushed. Replace the CO detector immediately. The unit will not respond to CO.
Trouble/service condition	Red Detector LED flashes every 30 seconds.	One quick beep every 30 seconds.	Unit is in trouble condition.	Trouble condition, trouble beeps every 60 seconds.	Replace batteries. If condition continues, unit has malfunctioned. Replace immediately. Unit will not respond to CO.
Error condition	Red Detector LED constantly on.	Constant alarm.	Very low battery or unit malfunction.	Trouble condition, trouble beeps every 60 seconds.	Replace batteries. If condition continues, unit has malfunctioned. Replace immediately. Unit will not respond to CO.
Test mode	Red Detector LED flashes with beeps.	Four quick beeps, 5 seconds silence, repeated once.	Normal operation when Test/Hush button is pressed.	Sensor test mode	CO not detected. Alarm for test purposes only.
Tamper	Red Detector LED flashes every 30 seconds.	One quick beep every 30 seconds.	Unit is in tamper condition.	Trouble condition, trouble beeps every 60 seconds.	Place detector body back onto mounting plate. If condition continues, unit has malfunctioned. Replace immediately.

Maintenance tips

To keep your detector in good working order:

- Perform a CO detector test once a week (see "Normal CO detector test" on page 3).
- Vacuum the detector cover once a month to remove accumulated dust.
- Never use detergents or solvents to clean the detector. Chemicals can permanently damage or temporarily contaminate the detector.
- Avoid spraying air fresheners, hair spray, paint, or other aerosols near the detector.
- Do not paint the detector. Paint will seal the vents and interfere with proper sensor operation.

Move the CO detector to a remote location, to prevent possible damage or contamination of the sensor, prior to performing any of the following:

- Staining or stripping floors or furniture, painting or wall-papering.
- Using aerosols or adhesives.

⚠ WARNING: Reinstall the CO detector as soon as possible to assure continuous protection.

The following is a list of substances that at high levels can damage the CO sensor or cause temporary readings that are not CO readings:

Ethylene, ethanol, alcohol, iso-propanol, benzene, toluene, ethyl acetate, hydrogen, hydrogen sulfide, and sulfur dioxide.

Also most aerosol sprays, alcohol-based products, paint, thinner, solvent, adhesive, hair spray, after shave, perfume, auto exhaust (cold start), and some cleaning agents.

Information about carbon monoxide:

Carbon monoxide is a colorless, odorless, and tasteless poison gas that can be fatal when inhaled. CO inhibits the blood's capacity to carry oxygen.

Periodically review this detector user guide and discuss your CO Alarm emergency procedure with all members of your family. Never ignore a CO Alarm. A true alarm is an indication of potentially dangerous levels of CO. CO detectors are designed to alert you to the presence of CO before an emergency - before most people would experience symptoms of CO poisoning, giving you time to resolve the problem calmly.

Determine if anyone in the household is experiencing symptoms of CO poisoning. Many cases of reported CO poisoning indicate that while victims are aware they are not well, they become so disoriented they are unable to save themselves either by exiting the building or calling for assistance. Also, young children and household pets may be the first affected. You should take extra precautions to protect high-risk persons from CO exposure because they may experience ill effects from CO at levels that would not ordinarily affect a healthy adult.

Symptoms of CO poisoning

The following common symptoms are related to CO poisoning and should be discussed with ALL members of the household:

- **Mild exposure** = Slight headache, nausea, vomiting, fatigue (often described as "flu-like" symptoms).
- **Medium exposure** = Severe throbbing headache, drowsiness, confusion, fast heart rate.
- **Extreme exposure** = Unconsciousness, convulsions, cardio-respiratory failure, death.

If you experience even mild symptoms of CO poisoning, consult your doctor immediately.

Conditions that can produce carbon monoxide

Excessive spillage or reverse venting of fuel burning appliances caused by:

- Outdoor ambient conditions such as wind direction and/or velocity, including high gusts of wind; heavy air in the vent pipes (cold/humid air with extended periods between cycles).
- Negative pressure differential resulting from the use of exhaust fans.
- Simultaneous operation of several fuel burning appliances competing for limited internal air.
- Vent pipe connection vibrating loose from clothes dryers, furnaces, or water heaters.
- Obstructions in or unconventional vent pipe designs which amplify the above situations.
- Extended operation of unvented fuel burning devices (range, oven, fireplace, etc.).
- Temperature inversions which can trap exhaust gasses near the ground.

- Car idling

What CO detectors can and cannot do

CO Alarms provide early warning of the presence of CO, usually before a healthy adult would experience symptoms. This early warning is possible however, only if your CO detector is located, installed, and maintained as described in this user guide.

Because carbon monoxide is a cumulative poison, long-term exposures to low levels may cause symptoms, as well as short-term exposures to high levels. This unit has a time-weighted alarm; the higher the level of CO present, the sooner the alarm will be triggered.

This CO detector can only warn you of the presence of CO. It does not prevent CO from occurring, nor can it solve an existing CO problem. If your unit has alarmed and you've provided ventilation by leaving your windows and doors open, the CO buildup may have dissipated by the time help responds. Although your problem may appear to be temporarily solved, it is crucial that the source of the CO is determined and that the appropriate repairs are made.

CO detectors have limitation. Like any other electronic device, CO detectors are not fool-proof. CO detectors have a limited operational life. You must test your CO detector weekly, because it could fail to operate at any time.

If your CO detector fails to test properly, or if its self-diagnostic test reveals a malfunction, immediately have the unit replaced. This detector will not monitor CO levels while in a trouble condition.

 **Caution:** This CO detector can only sense CO that reaches the unit's sensor. It is possible that CO may be present in other areas without reaching the detector. The rate and ability with which CO reaches the detector may be affected by:

- Doors or other obstructions.
- Fresh air from a vent, an open window, or other source.
- Fresh air from a vent, an open window, or other source.
- CO being present on one level of the home and not reaching a CO detector installed on a different level. (For example, CO in the basement may not reach a detector on the second level, near the bedrooms).

For these reasons, we recommend you provide complete coverage by placing a CO Detector on every level of the home. CO Detectors should not be used to detect the presence of natural gas (methane), propane, butane, or other combustible fuels.

Instruct children never to touch or otherwise interfere with the alarm. Warn children of the dangers of CO poisoning.

Important warning statements

This CO detector is designed to detect carbon monoxide from ANY source of combustion. It is NOT designed to detect smoke, fire, or any other gas.

▲ WARNING: Carbon Monoxide detectors are not smoke alarms. This carbon monoxide detector is not a substitute for installing and maintaining an appropriate number of smoke alarms in your home. This CO Detector will not sense smoke, fire, or any poisonous gas other than carbon monoxide even though carbon monoxide can be generated by fire. For this reason you must install smoke alarms to provide early warning of fire and to protect you and your family from fire and its related hazards.

▲ WARNING: This product is intended for use in ordinary indoor locations of family living units. It is not designed to measure compliance with Occupational Safety and Health Administration (OSHA), commercial, or industrial standards. It is not suitable for installation in hazardous locations as defined in the National Electric Code. The installation of this device should not be used as a substitute for proper installation, use and maintenance of fuel burning appliances, including appropriate ventilation and exhaust systems. It does not prevent CO from occurring, nor can it solve an existing CO problem.

▲ WARNING: This device is designed to protect individuals from acute effects of carbon monoxide exposure. It may 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.

This Carbon Monoxide detector requires a continuous supply of electrical power - it will not work without power.

This CO Detector has not been investigated for carbon monoxide detection below 70 PPM.

Limited Warranty

AT&T Digital Life Complete Protection - AT&T Digital Life Complete Protection protects the Digital Life Equipment ("Equipment") that you bought from AT&T.

Complete Protection Period - Complete Protection begins on the date Your Digital Life Equipment is installed and continues for as long as you have the monthly service and are in good standing.

What Is Covered - AT&T will repair or replace Equipment that fails to operate as a result of defects in workmanship and/or materials including electrical failure caused by a direct result of a power surge. The Equipment must be purchased from AT&T or from an AT&T authorized location. Equipment means the Digital Life equipment you purchased from AT&T that connects and is made a part of the AT&T Digital Life system. Equipment will be replaced with those of like kind and quality, and may be new or remanufactured. In most instances, AT&T, who will pay shipping costs, will require you to return your defective Equipment. Complete Protection does not change your original equipment manufacturer's warranty which remains in effect.

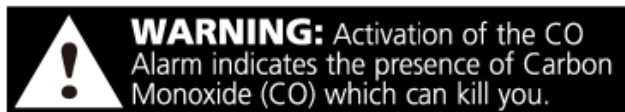
For all product returns, including warranty repair/replacements, non-warranty repairs, advance replacements and credit returns call AT&T at 1-855-288-2727.

Return units to: AT&T
13500 Independence Pkwy.
Fort Worth, TX. 76117

A note should be included advising the nature of the malfunction. Care must be exercised in the proper packing of detectors returned under this warranty as AT&T will not be responsible for warranty repairs to equipment damaged because of improper packing.

No agent, employee or representative of the Manufacturer nor any other person is authorized to modify this warranty in any respect. Repair or replacement as stated above is the exclusive remedy of the purchase hereunder. This warranty gives you specific legal rights and you also have other rights which vary from state to state.

Carbon Monoxide Alarm Procedure



- 1) Operate the Test/Hush button;
- 2) Call your emergency services (Fire Department or 911);

PHONE NUMBER:

- 3) Immediately move to fresh air - outdoors or by an open door/window. Do a head count to check that all persons are accounted for. Do not reenter the premises nor move away from the open door/window until the emergency services responders have arrived, the premises have been aired out, and your alarm remains in its normal condition.
- 4) After following steps 1-3, if the alarm reactivates within a 24 hour period, repeat steps 1-3 and call a qualified appliance technician to investigate sources of CO from fuel burning equipment and appliances, and to inspect for proper operation of equipment.

PHONE NUMBER:

If problems are identified during this inspection, have the equipment serviced immediately. Note any combustion equipment not inspected by the technician and consult the manufacturer's instructions, or contact the manufacturer's directly for more information about CO safety and the equipment. Make sure that motor vehicles are not, or have not been, operating in a garage attached or adjacent to the residence.

Never restart the source of a CO problem until it has been corrected. Never ignore the sound of the alarm!

If the alarm is sounding, pressing the test/reset button will terminate the alarm. If the CO condition that caused the alert in the first place continues, the alarm will reactivate. If the unit alarms again within six minutes, it is sensing high levels of CO which can quickly become a dangerous situation.