



NOTE: The purpose of LCD full segment code display during power on prompt is to check whether the LCD screen is good or not.

NOTE: When the LCD is fully displayed, the "  " does not mean that the battery is low, the "  " does not mean that the sound is muted, and "888ppm" does not mean that there is dangerous carbon monoxide concentration around.

Fault warning

If the CO alarm chirps twice every 40 seconds, the fault indicator (yellow) flashes twice at the same time. It indicates the CO alarm is in a malfunctioning condition. The LCD displays " Err ", that means your CO alarm have no detecting function and no response to CO.



 **CAUTION!** When Fault warning occurs, replace the CO alarm immediately. Please contact us to more service.

Fault warning silence

When the CO alarm is under a fault warning, pressing the TEST/SILENCE button will activate a fault warning silence status for about 10 hours. The fault indicator (yellow) flashes or breathes twice every 40 seconds,and the LCD displays " Err ".



Low battery warning

When the battery is low, the CO alarm chirps once every 40 seconds and the fault indicator (yellow) flashes once simultaneously, this indicates the battery is low.



NOTE: When the low battery warning is activated, the CO alarm will still be able to produce a CO alarm signal for at least 12 hours, and it will continue to provide a low battery warning signal for up to 7 days.

NOTE: You need to replace the battery as soon as possible when the CO alarm enters this status.

NOTE: When powered by battery only, the CO alarm will not provide protection against carbon monoxide poisoning if the battery is depleted.

Low battery warning silence

When the CO alarm is under the low battery warning, pressing the TEST/SILENCE button will enter a low battery warning silence mode for about 10 hours. The fault indicator (yellow) flashes once every 40 seconds, or breathes once every 40 seconds, and the LCD displays low battery symbol and mute symbol.



NOTE: The low battery warning cannot be silenced when the battery voltage is critically low.

NOTE: The low battery warning silence feature is a temporary action to mute the warning sound. You should replace the battery as soon as possible.

CO alarm

When the device meets the alarm conditions required by the standard, it will emit a loud alarm pattern. The alarm signal pattern is 4 short beeps followed by 5 seconds of silence. This cycle repeats as long as a dangerous CO condition exists. The ALARM indicator (red) will flash the same pattern. The LCD keeps showing real-time CO concentration. This signal will repeat until dissipation of CO.

CO alarm sensitivity setting (conforms to UL 2034):
30ppm without alarm in 30 days
70ppm between 60 to 240 minutes
150ppm between 10 to 50 minutes
400ppm between 4 to 15 minutes

 **ATTENTION!** Refer to section 1: “Carbon Monoxide Alarm: Steps To Take When The Alarm Sounds”

 **DANGER!** If the unit goes into alarm mode again within six minutes, it means the CO alarm issensing a dangerous level of CO, the sound of the alarm requires your immediate attention and action.

CO Alarm Silence

When the device is in CO alarm mode, pressing the TEST/SILENCE button will pause the alarm sound for about 5 minutes. The alarm indicator (red) will continue flashing or breathing in CO alarm silence mode, indicating the device is in CO alarm silence mode. The LCD displays real-time CO concentration and mute symbol.



 **DANGER!** Before enabling the CO alarm warning silence feature, ensure that the alarm is triggered by dangerous levels of carbon monoxide and that the dwelling is ventilated.

Test the CO alarm

To test the CO alarm, press and hold the TEST/SILENCE button. You should hear alarm sound patterns, and the corresponding ALARM indicator (red) will flash or breathe. The test alarm sound pattern includes 4 short beeps, a 5-second pause, and will continue until the TEST/SILENCE button is released.



NOTE: After the TEST/SILENCE button is pressed, the alarm will sound, and the red alarm light will flash or breathe. This does not indicate the presence of CO.

NOTE: Test the CO alarm weekly! If your CO alarm does not perform as described, replace it immediately.

 **WARNING!** Due to the alarm’s loudness (85 decibels), always stand at arm’s length from the unit when testing.

Alarm memory warning

7-day alarm memory function: When the device detects CO and triggers an alarm, the ALARM indicator (red) will flash or breathe once every 40 seconds after the alarm is cleared. The LCD will display "AL". After pressing the TEST/SILENCE button, the LCD displays the recorded maximum CO concentration for 5 seconds, and the product will clear the alarm memory warning. Or after 7 days, the CO alarm will automatically clear the alarm memory prompt.



NOTE: Press and hold the TEST/SILENCE button to clear the memorized warning and enter the test alarm state.

End-of-life warning

After 10 years of continuous operation, the CO alarm will chirp 3 times every 40 seconds, and the fault indicator (yellow) will flash or breathe 3 times. The LCD screen displays "End". This indicates that the CO alarm is in end-of-life mode, meaning it no longer detects or responds to CO.



NOTE: Replace the CO alarm as soon as possible when the CO alarm enters this status.

NOTE: The replacement date that appears on the CO alarm is the date beyond which the CO alarm might no longer detect carbon monoxide accurately and should be immediately replaced.

End-of-life reset

When the CO alarm enters the end-of-life warning state within the first 30 days, press the button to reset the end-of-life warning. At this point, if the CO alarm is still functional, it will enter normal standby mode for 24 hours. After 24 hours, the CO alarm will revert to the end-of-life warning state. After 30 days from the first end-of-life warning state, the CO alarm can no longer be reset and needs to be replaced in a timely manner.

8. Troubleshooting

 **CAUTION!** Do not attempt to repair the CO alarm. Doing so will void your warranty. If the CO alarm is not operating properly and is still under warranty, return it to the place of purchase. Pack it in a well-padded carton, and ship it to the place of purchase. If the CO alarm is no longer under warranty, have a qualified technician replace it immediately with a comparable model.

Problem	Method of Disposal
The CO alarm does not sound when the TEST/SILENCE button is pressed.	1. Ensure the CO alarm is powered off. Replace the battery and confirm that the CO alarm functions normally after the replacement. 2. The CO alarm is in 'Fault warning' mode. Please ensure the CO alarm is in 'Normal operation' mode before testing it. 3. Clean the CO alarm. Please refer to section '12. Maintenance Information'. 4. If the CO alarm still malfunctions during the warranty period, you can return it to your retailer. 5. If the CO alarm is out of warranty, please replace it with a new one.
The CO alarm chirps once with FAULT indicator (yellow) flashing once every 40 seconds.	Low Battery Voltage Signal 1. The battery is low; please replace it. 2. A backup battery may not be installed during AC power supply. Please check if the battery is properly installed.

The CO alarm chirps twice with FAULT indicator (yellow) flashing twice every 40 seconds.	Malfunction Signal Clean the CO alarm. Please refer to section '12. Maintenance Information'. 1. If the CO alarm is still under warranty, return it to your retailer for replacement. 2. If the CO alarm is out of warranty, replace it with a new CO alarm.
The CO alarm chirps three times with FAULT indicator (yellow) flashes three times every 40 seconds.	End-of-Life Signal Replace the alarm.
The CO alarm sounds unwanted alarms when residents are cooking, taking showers, etc.	During normal activities like cooking or showering , the alarm may sound due to increased humidity or other household fumes. To reduce unwanted CO alarms open a window or increase ventilation in the area.

9. Carbon Monoxide (CO) Overview

Carbon monoxide (CO) is a colorless, odorless, and tasteless poisonous gas that can be fatal when inhaled. CO inhibits the blood’s ability to carry oxygen.

Possible Sources of CO

Inside your home, appliances used for heating and cooking are the most likely sources of CO. Vehicles and other combustion engines running in an attached garage and using a charcoal/gas grill or hibachi in an enclosed area are all possible sources of CO. Generators running in enclosed areas, such as garages or living spaces, will create CO. CO can be produced when burning any fossil fuel: gasoline diesel, propane, natural gas, oil and wood. It can be produced by any fuel-burning appliance that is malfunctioning, improperly installed, or not ventilated correctly, such as: Furnaces/boilers, gas ranges stoves, gas clothes dryers, water heaters, portable fuel burning space heaters, fireplaces, wood-burning stoves and certain swimming pool heaters. Blocked chimneys or flues, back drafting and changes in air pressure, corroded or disconnected vent pipes, or a loose or cracked furnace heat exchanger can also release CO into your building.

The Following Conditions Can Result In Transient CO Situations

1. Excessive spillage or reverse venting of fuel-burning appliances may be caused by:
 - i. 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).
 - ii. Negative pressure differential resulting from the use of exhaust fans.
 - iii. Simultaneous operation of several fuel-burning appliances competing for limited internal air.
 - iv. Vent pipe connection vibrating loose from clothes dryers, furnaces, or water heaters.
 - v. Obstructions in or unconventional vent pipe designs which amplify the above situations.
 - vi. Poorly designed or maintained chimneys and/or vents.
2. Extended operation of unvented fuel-burning devices (such as ranges, ovens, or fireplaces).
3. Temperature inversions that can trap exhaust gases near the ground.
4. Car idling in an open or closed attached garage, or near a home.

Symptoms of CO Poisoning

Initial carbon monoxide poisoning symptoms are similar to the flu with no fever and can include dizziness, severe headaches, nausea, vomiting and disorientation. Everyone is susceptible but experts agree that unborn babies, pregnant women, senior citizensand people with heart or respiratory problems are especially vulnerable. If symptoms of carbon monoxide poisoning are experienced seek medical attention immediately. CO poisoning can be determined by a carboxyhemoglobin test.

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

1. MILD EXPOSURE: Slight headache, nausea, vomiting, fatigue (often described as “Flu-like” symptoms).
2. MEDIUM EXPOSURE: Severe throbbing headache, drowsiness, confusion, rapid heart rate.
3. EXTREME EXPOSURE: Unconsciousness, convulsions, cardiorespiratory failure, and death.

The above levels of exposure relate to healthy adults. Levels may vary for those at high risk. Many cases of reported carbon monoxide poisoning indicate that while victims are aware they are not feeling well, they become so disoriented they are unable to save themselves by either exiting the building or calling for assistance. Additionally, young children and household pets may be the first to be affected.

 **WARNING!** Exposure to high levels of carbon monoxide can be fatal or cause permanent damage or disabilities.

 **WARNING!** This device may not prevent chronic effects of carbon monoxide exposure or fully safeguard individuals at special risk.

10. Good Safety Habits: CO Safety Tips

Each year, have a qualified technician inspect and clean your heating system, vents, chimney, and flue to ensure proper function and safety. Always install appliances according to manufacturer’s instructions and adhere to local building codes. Most appliances should be installed by professionals and inspected after installation
Regularly examine vents and chimneys for improper connections, visible rust, or stains, and

check for cracks in furnace heat exchangers. Verify that the color of flame is blue on pilot lights and burners. An amber or orange flame is a sign that the fuel is not burning completely and may be releasing CO. Teach all household members what the alarm sounds like and how to respond. Fire Departments, most utility companies and HVAC contractors will perform CO inspections. Some contractors may charge for this service. It’s advisable to inquire about any applicable fees prior to having the service performed. Feit Electric will not pay will not pay for, or reimburse the owner or user of this product, for any repair or dispatch calls related to the alarm sounding.

11. How to Identify Nuisance Alarms

Carbon Monoxide (CO) Nuisance

RESET: Pressing the TEST/SILENCE button during CO alarm allows the CO alarm to reset calculations and double check for the presence of CO. If the CO alarm re-alarms within 6 minutes, it is sensing high levels of CO which can quickly become a dangerous situation. Move to fresh air and call 911.

 **WARNING!** It is impossible to determine the source of a CO alarm using sight or smell. Always consider a CO alarm event as dangerous.

12. Maintenance Information

To keep your CO alarm in good working order, please follow these simple steps:

1. Verify the device's alarm sound and indicator operation by pressing the TEST/SILENCE button once a week.
2. Remove the CO alarm from the wall and clean the alarm cover and vents with a soft brush attachment once a month to remove dust and dirt.
3. Never use detergents or other solvents to clean the CO alarm.
4. Avoid spraying air fresheners, hair spray, or other aerosols near the CO alarm.
5. Do not paint the CO alarm. Paint will seal the vents and interfere with the sensor's ability to detect CO. Never attempt to disassemble the CO alarm or clean its interior. Such actions will void your warranty.
6. As soon as possible, place the CO alarm back in its proper location to ensure continuous protection from carbon monoxide poisoning.
7. When household cleaning supplies or similar contaminants are used, the area should be ventilated.

 **WARNING!** The following substances can affect the sensor and may cause false alarms: methane, propane, isobutene, isopropanol, ethylene, benzene, toluene, ethyl acetate, hydrogen sulfide, sulfur dioxides, alcohol-based products, paints, thinner, solvents, adhesives, hair sprays, aftershaves, perfumes, and some cleaning agents.

 **WARNING!** Your CO alarm will not function or monitor CO levels without a working battery or AC power supply.

 **WARNING!** This device is designed to protect against the immediate effects of carbon monoxide exposure. However, it may not prevent long-term effects of exposure and will not fully protect individuals who are at higher risk or have specific medical conditions. If you are unsure, consult a medical professional.

13. Warranty Information

TEN-YEAR LIMITED WARRANTY

This product is warrantied to be free from defects in material and workmanship for a period of 10 (ten) years from the date of purchase. For products containing a sealed battery, this warranty does not cover any damage that may be caused by the battery. Warranty does not apply to replaceable battery. This warranty applies only to the original consumer purchaser and only to products used in normal residential use and service. If this product is found to be defective, the only obligation, and your exclusive remedy, is the repair or replacement of the product, at the company’s discretion, provided that the product has not been damaged through misuse, abuse, accident, modification, alteration, neglect, or mishandling. This Warranty shall not apply to any product which is found to have been improperly installed, set-up, or used in any way not in accordance with the instructions supplied with this product.

ALARM RETURNS

For replacement of this alarm under the terms of this Warranty, please contact customer service at **feit.com/help** for assistance. The company does not warrant, and specifically disclaims any warranty, whether express or implied, of fitness for a particular purpose, other than the warranty contained herein. No implied warranty on this product, created by state law, shall extend beyond the term of this warranty unless such law otherwise provides. The company specifically disclaims any liability and shall not be liable for any consequential or incidental loss or damage, including, but not limited to, damages to any equipment with which this product is used. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. No agent, representative, dealer, or employee of the company has the authority to increase or alter the obligations or terms of this Warranty. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state. This Warranty is only valid for merchandise purchased from outlets in the United States and Canada. This warranty expires upon product end-of-service life signal.