Kidde KN-COP-DP-10YL

Kidde Carbon Monoxide Detector

MODEL: KN-COP-DP-10YL

Brand: Kidde

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Kidde Carbon Monoxide (CO) Detector, Model KN-COP-DP-10YL. This device is designed to detect carbon monoxide gas and alert occupants to potentially dangerous CO levels. Please read this manual thoroughly before using the detector and retain it for future reference.

Image: Kidde Carbon Monoxide Detector, Model KN-COP-DP-10YL.

SAFETY INFORMATION

Carbon monoxide is an invisible, odorless, and tasteless gas that can be fatal. This detector is designed to provide an early warning of CO presence. However, it is crucial to understand its limitations:

- This device is not a substitute for smoke detectors. Install both smoke and CO detectors in your home.
- CO detectors may not awaken all individuals. Ensure all household members are aware of the alarm sound and emergency procedures.
- Do not block the detector's vents.
- Regularly test the detector as instructed in this manual.
- In case of an alarm, evacuate the premises immediately and call emergency services.

SETUP

The Kidde Carbon Monoxide Detector is designed for easy plug-in installation.

1. **Unpack the Detector:** Carefully remove the device from its packaging.

2. **Choose a Location:** Select a standard 120V AC power outlet. For optimal detection, install the CO detector on every level of your home and near sleeping areas. Avoid placing it near fuel-burning appliances, in direct sunlight, or in areas with high humidity or extreme temperatures.

3. **Plug In:** Insert the detector into the chosen wall outlet. Ensure it is securely plugged in.

4. **Initial Power-Up:** Upon plugging in, the digital LED display will illuminate, and the unit will perform a self-test. It may display '888' and then '0' (zero parts per million, PPM) indicating normal operation.

5. **Battery Backup:** This model features a 10-year lithium battery backup, providing continuous protection during power outages. The battery is sealed and not user-replaceable.

OPERATING INSTRUCTIONS

Understanding your CO detector's indicators and functions is vital.

Digital LED Display

The digital LED display shows the level of carbon monoxide the alarm is sensing in parts per million (PPM). It updates every 15 seconds. A reading of '0' indicates no detectable CO.

Test/Hush Button

The Test/Hush button is located on the front of the unit.

- **Testing:** Press and hold the Test/Hush button for a few seconds. The alarm will sound, and the display will show '888' to confirm the unit is functioning correctly. Release the button to stop the test.
- **Hushing:** If the alarm sounds due to a non-emergency event (e.g., cooking fumes), press the Test/Hush button to temporarily silence the alarm for approximately 8 minutes. The unit will return to normal monitoring after the hush period.

Peak Level Memory

The detector records the highest CO level detected since the last reset or test. To view the peak level, press the 'Peak Level' button. The display will show the highest PPM recorded. Press again to return to current CO level display.

Alarm Indication

When carbon monoxide is detected at dangerous levels, the unit will sound an 85-decibel alarm and the digital display will show the CO concentration in PPM.

MAINTENANCE

Proper maintenance ensures the longevity and effectiveness of your CO detector.

- **Regular Testing:** Test your CO detector weekly by pressing the Test/Hush button.
- **Cleaning:** Clean the detector regularly to prevent dust and debris from obstructing the sensor. Use a soft, damp cloth to wipe the exterior. Do not use cleaning solvents or sprays directly on the unit.
- **Battery:** The 10-year lithium battery is sealed and designed to last the life of the alarm. It is not user-replaceable. When the battery is low or at the end of its life, the unit will chirp and indicate a service requirement.

TROUBLESHOOTING

If your CO detector is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Alarm sounds intermittently or continuously.	High CO levels detected.	Evacuate immediately and call emergency services. Do not re-enter until cleared by professionals.
Unit chirps every 30-60 seconds.	Low battery or end-of-life warning.	The sealed battery is nearing its end of life. Replace the entire unit.
Digital display shows 'ERR' or other error codes.	Internal fault.	Unplug the unit for 30 seconds and plug it back in. If the error persists, replace the unit.
No display or power.	No AC power or unit malfunction.	Check the power outlet. If power is present and the unit still has no display, replace the unit.

SPECIFICATIONS

- **Model Number:** KN-COP-DP-10YL
- **Part Number:** 900-0280
- **Power Source:** 120V AC (Plug-in) with 10-year sealed lithium battery backup
- **Sensor Type:** Electrochemical
- **Alarm Loudness:** 85 decibels at 10 feet
- **Operating Temperature:** 40°F (4.4°C) to 100°F (37.8°C)
- **Operating Humidity:** 10-95% non-condensing
- **Product Dimensions:** 1.5"D x 3"W x 5.6"H
- **Item Weight:** 0.75 Pounds (12 ounces)
- **Certifications:** UL Listed

WARRANTY AND SUPPORT

This Kidde Carbon Monoxide Detector comes with a 10-year limited manufacturer's warranty on the alarm only. The warranty period begins when the alarm is powered on. If the power-on date is unknown, it should be assumed that replacement is needed after 10 years from the manufacturing date.

For technical support, warranty claims, or further assistance, please refer to the contact information provided on the product packaging or visit the official Kidde website.