

Kidde KN-COP-DP-10YL-AQ-WF

Kidde Smart Carbon Monoxide Detector & Indoor Air Quality Monitor User Manual

Model: KN-COP-DP-10YL-AQ-WF

1. INTRODUCTION

The Kidde Smart Carbon Monoxide Detector & Indoor Air Quality Monitor is an advanced device designed to enhance home safety and air quality awareness. This plug-in unit provides continuous monitoring for carbon monoxide (CO) gas and various indoor air quality parameters, including Total Volatile Organic Compounds (TVOCs), temperature, and humidity. It features a digital display, voice alerts, and smart connectivity via the Kidde app, Amazon Alexa, and Google Home, ensuring you receive timely notifications and insights into your home environment.



Image: The Kidde Smart Carbon Monoxide Detector and Indoor Air Quality Monitor, shown with its packaging, highlighting its plug-in design and 2-in-1 smart alarm features.

2. SAFETY INFORMATION

This device is designed to detect carbon monoxide gas and monitor indoor air quality. It is not designed to detect smoke or fire. For comprehensive home safety, install smoke detectors on each level of your home, inside and outside each bedroom.

Upon detection of carbon monoxide, the device will sound an 85-decibel alarm and provide a voice alert stating "Warning! Carbon Monoxide!". If this alarm sounds, immediately move to fresh air and call emergency services.

The device includes a lithium battery backup designed to last the full 10-year life of the alarm, ensuring continuous operation during power outages. Do not attempt to replace this battery.

3. SETUP

1. **Download the Kidde App:** Begin by downloading the official Kidde app on your smartphone. The app is compatible with iPhone (iOS 12 or newer) and Android devices. You can find the download link here: [Kidde App Download](#).
2. **Scan QR Code:** Locate the QR code on the back of your Kidde Smart Carbon Monoxide Detector. Open the Kidde app and follow the on-screen instructions to scan the QR code. This initiates the device pairing process.
3. **Plug In the Unit:** Once the QR code is scanned and recognized by the app, plug the unit into a standard 120V AC power outlet. Ensure it is securely plugged in. The device requires a 2.4GHz Wi-Fi network for connectivity.
4. **Complete App Setup:** Follow any remaining prompts within the Kidde app to finalize the setup, including connecting to your home Wi-Fi network.
5. **Voice Assistant Integration (Optional):** For added convenience, you can pair your device with Amazon Alexa or Google Home using voice commands to check the connection and status of carbon monoxide or air quality.



Plug-in with 10-year sealed lithium backup battery



Image: A person plugging the Kidde Smart Carbon Monoxide Detector into a wall outlet, demonstrating its easy plug-in installation.



Scan QR code to set up.
2.4GHz wi-fi network required
for connectivity.

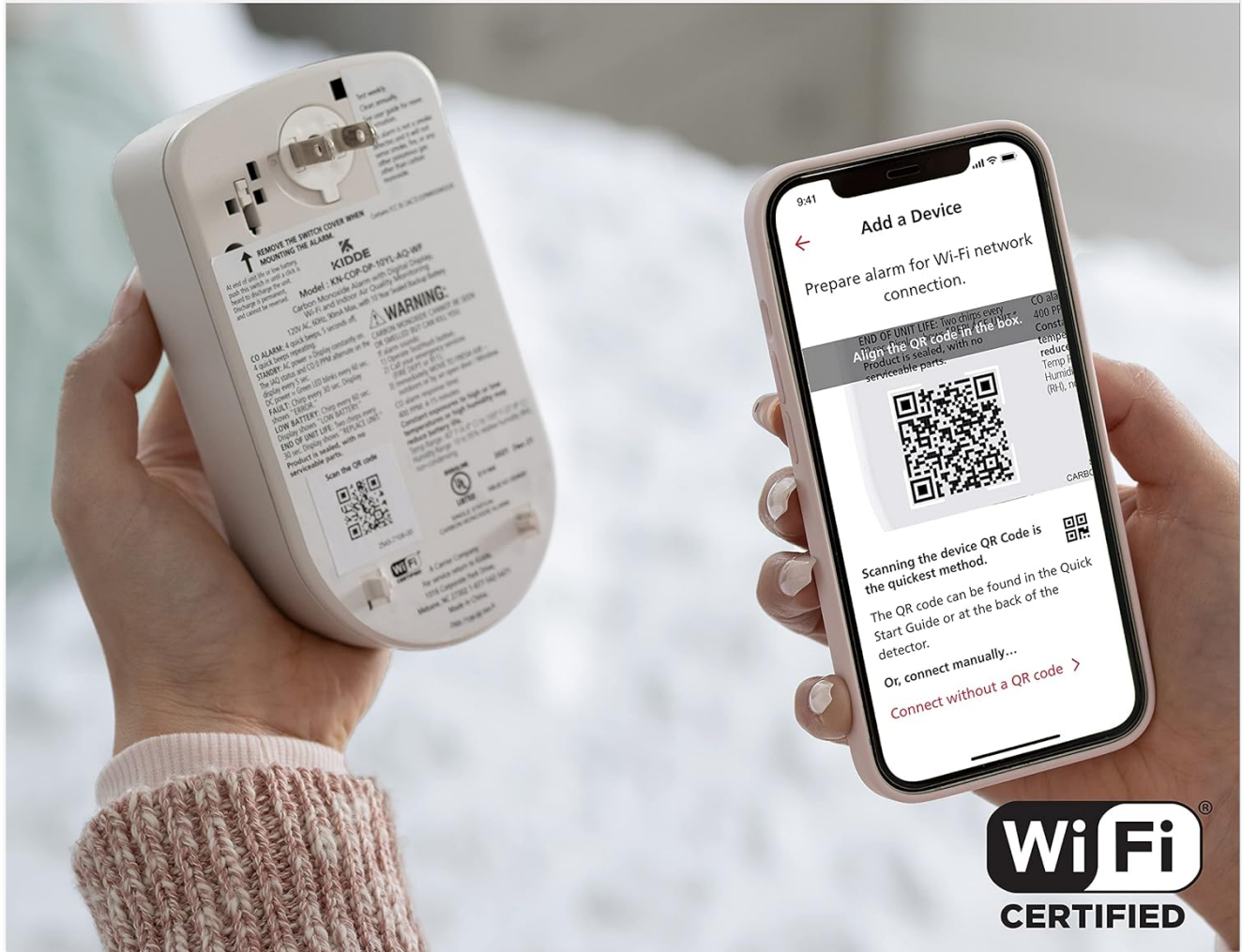


Image: Hands holding the Kidde device and a smartphone, illustrating the QR code scanning process for quick and easy setup, requiring a 2.4GHz Wi-Fi network.

4. OPERATING THE DEVICE

The Kidde Smart Carbon Monoxide Detector & Indoor Air Quality Monitor provides real-time information and alerts through its digital display and the Kidde app.

4.1 Digital Display

The device features an easy-to-read LCD screen that provides immediate status updates. It shows carbon monoxide levels (CO PPM), Wi-Fi connection status, battery indicator, and air quality readings.

Easy to read LCD Screen

Battery
Indicator

Wi-Fi
Connection

CO & Air
Quality
Indicator



Image: A close-up view of the Kidde device's LCD screen, detailing the battery indicator, Wi-Fi connection status, and CO & Air Quality indicators for easy readability.

4.2 Air Quality Monitoring

Beyond carbon monoxide detection, the device actively monitors indoor air quality by tracking:

- **Total Volatile Organic Compounds (TVOCs):** Detects harmful chemicals often found in cleaning products and paints.
- **Humidity Levels:** Helps identify conditions that could lead to mold growth.
- **Temperature:** Monitors unexpected high or low temperatures.



INDUSTRY FIRST*



Detects
Carbon Monoxide
& Monitors Indoor
Air Quality
with 1 Device*

TVOC

TVOC

CO

CO

CO

TVOC

*First UL listed carbon monoxide detection device with indoor air quality monitoring.

Image: The Kidde device plugged into an outlet, visually representing its capability to detect carbon monoxide (CO) and monitor indoor air quality by identifying TVOCs.

Create a healthier home by
monitoring indoor air quality.



Temperature



Humidity



Total Volatile Organic
Compounds (TVOCs)

Image: Icons illustrating the key indoor air quality parameters monitored by the device: Temperature, Humidity, and Total Volatile Organic Compounds (TVOCs), contributing to a healthier home environment.

More Kidde Smart Products Available



Image: A woman painting a wall, symbolizing how the device notifies users of high TVOC levels and provides solutions to improve indoor air quality.

4.3 Buttons and Alerts

- **Test/Hush Button:** This button serves multiple functions. It can temporarily silence nuisance alarms, test if the unit is operating properly, and silence a low battery or end-of-life chirp for up to 24 hours at a time (maximum 7 days).
- **Peak Level Memory Button:** Press this button to view the highest CO level recorded since the button was last pressed.
- **Voice Alerts:** The device provides clear voice alerts for specific hazards. For carbon monoxide, it announces "Warning! Carbon Monoxide!". At the end of its 10-year lifespan, it will announce "Replace Alarm".

App Features:

- Easily test your alarm*
- Notify friends and family

*When you are connected to the same Wi-Fi network as the alarm.



Image: A close-up of the Kidde device's buttons, highlighting its voice warning alerts such as "Warning: Carbon Monoxide!" when CO is detected and "Replace Alarm" at the end of its life.

4.4 Kidde App Notifications

The Kidde app provides real-time notifications and allows you to monitor your home's air quality remotely. You can receive alerts for CO presence, high humidity levels (with mold risk notifications), and unexpected temperature changes. The app also allows you to easily test your alarm and notify friends and family in case of an alert.

Use the
Kidde App
to receive
real-time
notifications.

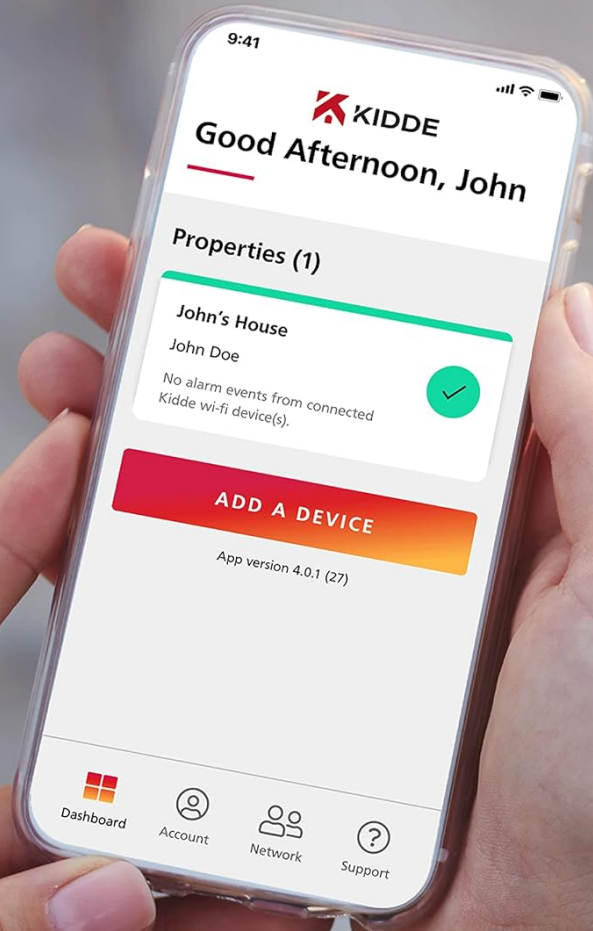


Image: A hand holding a smartphone, showcasing the Kidde App's interface which provides real-time notifications and allows users to monitor their home's air quality.



Voice Warning Alerts:

“Warning: Carbon Monoxide!”
when CO is detected.

“Replace Alarm” at the end of
life of the device.

Image: A woman looking at her smartphone, demonstrating the Kidde App's features, including the ability to easily test the alarm and notify friends and family in case of an event.

Mold risk notifications are sent when humidity levels are high and provides steps to remedy the situation.



Image: A man looking at his smartphone, which displays mold risk notifications from the Kidde app, indicating high humidity levels and providing steps to remedy the situation.

5. MAINTENANCE

The Kidde Smart Carbon Monoxide Detector & Indoor Air Quality Monitor is designed for minimal maintenance. The internal lithium battery is sealed and lasts for the entire 10-year lifespan of the unit, eliminating the need for battery replacement.

- **Regular Testing:** Periodically press the Test/Hush button to ensure the unit is operating properly.
- **Cleaning:** Keep the device clean and free from dust. Gently wipe the exterior with a soft, dry cloth. Do not use cleaning solvents or waxes.
- **Placement:** Ensure the device is not obstructed by furniture, curtains, or other objects that could block the sensor or speaker.

6. TROUBLESHOOTING

If you encounter issues with your Kidde Smart Carbon Monoxide Detector & Indoor Air Quality Monitor, consider the following common solutions:

- **No Power/Display Off:** Ensure the unit is securely plugged into a working 120V AC outlet. If there's a power outage, the internal battery backup should keep the unit operational.
- **Wi-Fi Connectivity Issues:** The device requires a 2.4GHz Wi-Fi network. Ensure your router is broadcasting on this frequency and the device is within range. Try restarting your router and the Kidde device. If issues persist, re-scan the QR code in the app to re-establish the connection.
- **Nuisance Alarms/Chirping:** Use the Test/Hush button to temporarily silence nuisance alarms or low battery/end-of-life chirps. If the alarm persists after silencing, investigate the cause.
- **Inaccurate Readings:** Ensure the device is placed in an appropriate location, away from direct drafts, vents, or areas with extreme temperature fluctuations. High TVOC levels can be caused by new paint, cleaning products, or new furniture; ventilate the area if possible.
- **App Not Receiving Alerts:** Check your phone's notification settings for the Kidde app to ensure alerts are enabled. Verify the device is connected to Wi-Fi and the app is logged in.
- **"Replace Alarm" Voice Alert:** This indicates the unit has reached the end of its 10-year lifespan and needs to be replaced.

7. SPECIFICATIONS

Feature	Detail
Brand	Kidde
Model Number	KN-COP-DP-10YL-AQ-WF
Power Source	Plug-In (120 Volts AC) with Lithium Battery Backup
Sensor Type	Electrochemical (for CO)
Alarm Type	Carbon Monoxide & Indoor Air Quality
Product Dimensions	1.5"D x 3"W x 5.5"H
Item Weight	8 ounces
Operating Humidity	Up to 95% relative humidity, non-condensing
Upper Temperature Rating	100 Degrees Fahrenheit
Compatible Devices	Android, iPad, iOS 12 or newer, iPhone
Included Components	Battery, Carbon Monoxide Detector, QR Code, User Guide
Installation Method	Plug-In



Notifies you of high **TVOC** levels and provides solutions.



Image: The physical dimensions of the Kidde Smart Carbon Monoxide Detector, showing its depth (1.5"), width (3"), and height (5.5").

8. WARRANTY

The Kidde Smart Carbon Monoxide Detector & Indoor Air Quality Monitor comes with a 10-year limited warranty. This warranty covers defects in materials and workmanship under normal use. Please note that this is not a battery performance claim, as the internal lithium battery is designed to last the full 10-year life of the alarm. The product is UL Certified, ensuring it meets rigorous safety and performance standards.





9. SUPPORT

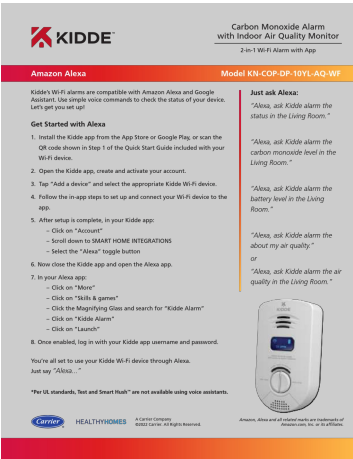
For further assistance, technical support, or detailed product information, please refer to the Kidde app or visit the official Kidde website. The Kidde app provides a dedicated support section and allows for direct communication regarding your device.

You can also visit the Kidde Store on Amazon for more products and information [Kidde Amazon Store](#).

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Related Documents

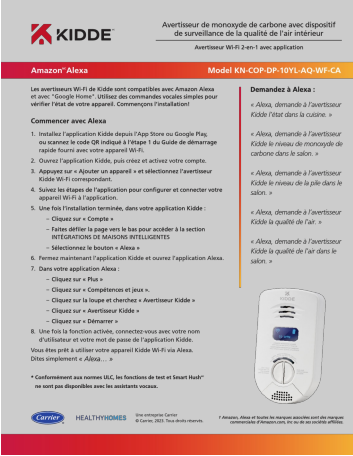
	<p>Kidde Smart Smoke & CO Alarm with Indoor Air Quality Monitor Quick Start Guide</p> <p>Get your Kidde P4010ACSCO-WF smart smoke and carbon monoxide alarm with indoor air quality monitoring connected quickly. Follow this step-by-step guide to set up the device using the Kidde app.</p>
	<p>Kidde Nighthawk KN-COB-DP-LS Carbon Monoxide Alarm - AC Powered with Battery Backup</p> <p>Detailed information on the Kidde Nighthawk KN-COB-DP-LS carbon monoxide alarm. Features include AC power, battery backup, tamper resistance, dual LEDs, test/reset button, 7-year end-of-life warning, and UL listing. Includes technical specifications and ordering information.</p>
	<p>Kidde P4010ACSCO-WF Smoke + Carbon Monoxide Alarm: Alexa & Google Assistant Setup Guide</p> <p>Learn how to connect your Kidde P4010ACSCO-WF Wi-Fi Smoke + Carbon Monoxide Alarm to Amazon Alexa and Google Assistant for voice control and status updates.</p>
	<p>Kidde 900-0113 Carbon Monoxide, Propane, and Natural Gas Alarm User Guide</p> <p>This user guide provides instructions and safety information for the Kidde 900-0113 AC Plug-in Carbon Monoxide, Propane & Natural Gas Alarm with Digital Display. Learn about installation, operation, maintenance, and troubleshooting.</p>



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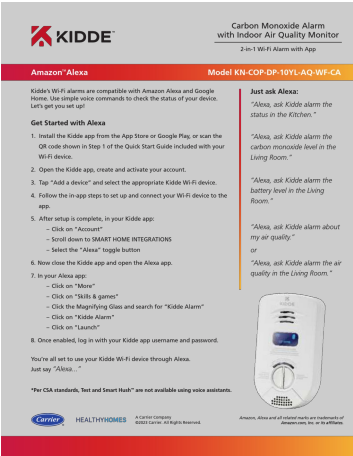
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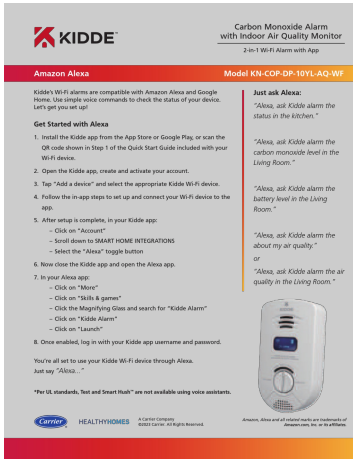
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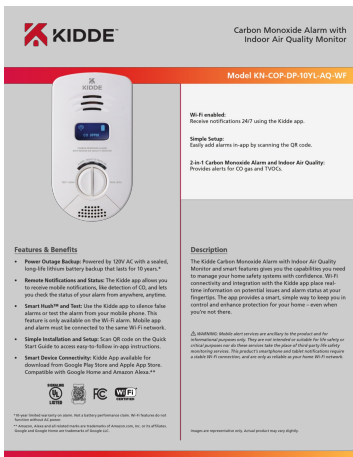
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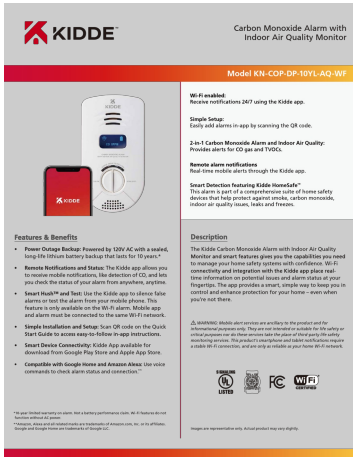
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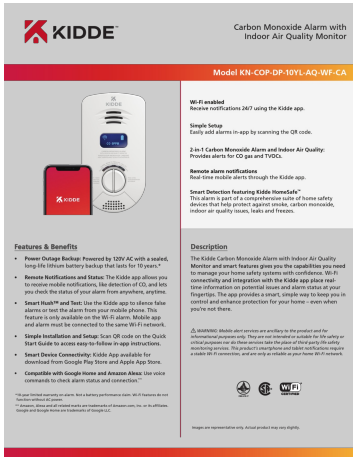
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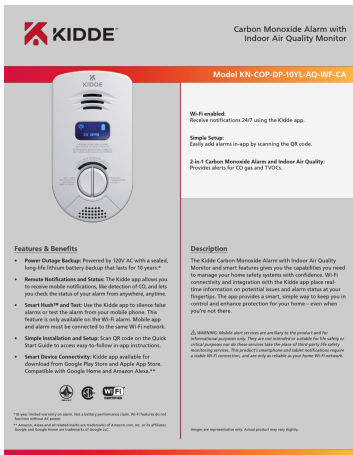
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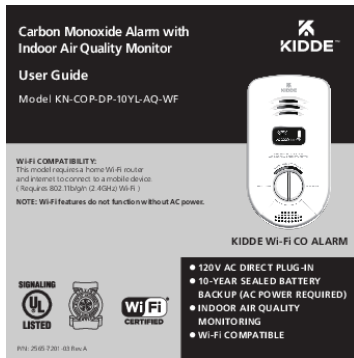
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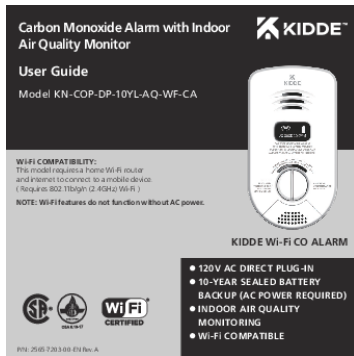


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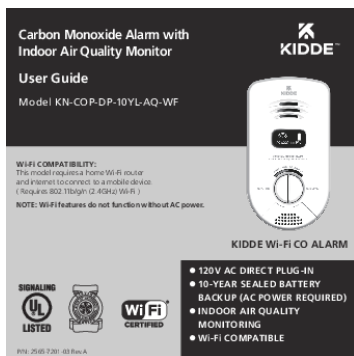


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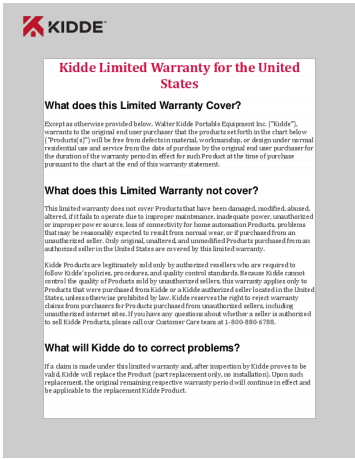


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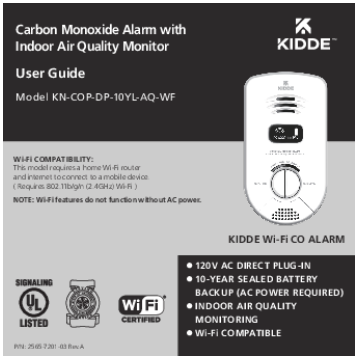
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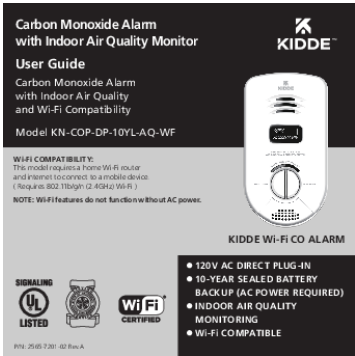
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Kidde Limited Warranty 1000Bulbs for the United States Rackcdn Jun 1 2022 · The model number is located on back of product 3 years i9030 i9040 Carbon kidde alarm warranty vnov24 1731599614 a89b8e4143ca50438f09 7c1706ba3fabeeda794725d88e4f5e57 ssl cf2 rackcdn spec sheets files 000 088 270 original ||| Kidde Limited Warranty for the United States What does this Limited Warranty Cover Except as otherw ... -0230 C3010 C3010D KN-COU-B 900-0263 900-0076 900-0278 900-0280 900-0282 900-0284 900-0120 900-0121 **KN-COP-DP-10YL-AQ-WF** The model number is located on the back of the product. 5 years 900-0113 Th... lang:en score:38 filesize: 183.27 K page_count: 7 document date: 2024-11-14



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