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FireAngel CO-9B

FireAngel CO-9B Carbon Monoxide Detector User Manual

Model: CO-9B

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your FireAngel CO-9B Carbon Monoxide Detector. Carbon monoxide (CO) is a colorless, odorless, and tasteless gas that can be fatal. This detector is designed to alert you to the presence of CO gas, helping to protect you and your family from its dangers. Please read this manual thoroughly before using the device and retain it for future reference.



Image 1.1: Front view of the FireAngel CO-9B Carbon Monoxide Detector.

2. SETUP AND INSTALLATION

2.1 Package Contents

Verify that your package contains the following items:

- FireAngel CO-9B Carbon Monoxide Detector
- Mounting screws and wall plugs
- Instruction Manual



Image 2.1: Included items: detector, mounting hardware, and manual.

2.2 Battery Installation

The FireAngel CO-9B requires two (2) AA batteries (not included). Follow these steps:

1. Locate the battery compartment on the back of the detector.
2. Open the battery compartment cover.
3. Insert two new AA batteries, ensuring correct polarity (+ and -).
4. Close the battery compartment cover securely.

2.3 Optimal Placement

For optimal protection, install CO detectors in the following locations:

- On every level of your home, including the basement.
- Near or in every sleeping area.
- Near potential sources of CO, such as gas appliances, fireplaces, and attached garages.

Avoid these locations:

- Within 1 meter (3 feet) of cooking appliances, heating appliances, or open flames.
- In extremely dusty, dirty, or greasy areas.
- In direct sunlight or areas subject to extreme temperature changes.
- In areas with high humidity, such as bathrooms.
- Behind curtains or furniture that could obstruct the sensor.



Image 2.2: Detector placement in a sleeping area.

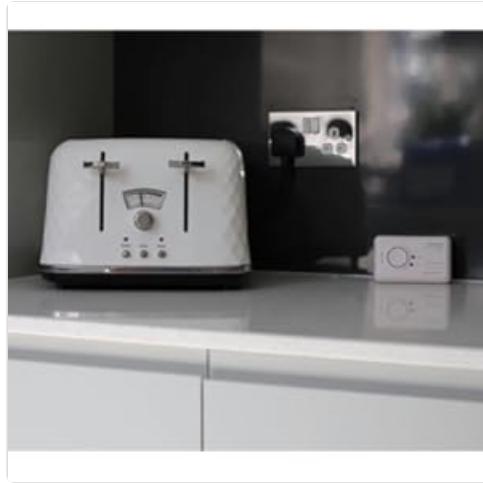


Image 2.3: Detector placement in a kitchen area.

2.4 Mounting the Detector

Once you have chosen an appropriate location, mount the detector:

1. Mark the positions for the mounting screws on the wall or ceiling.
2. Drill holes and insert the wall plugs if necessary.
3. Secure the mounting bracket (if applicable) or the detector directly using the provided screws.
4. Attach the detector to the mounting bracket or wall/ceiling by twisting it into place until it clicks securely.

3. OPERATING INSTRUCTIONS

3.1 Power-On and Normal Operation

After battery installation, the detector will perform a self-test. The power indicator light (usually green) will flash periodically, indicating normal operation. If any issues are detected during the self-test, refer to the Troubleshooting section.

3.2 Testing the Alarm

It is crucial to test your CO detector weekly to ensure it is functioning correctly.

1. Press and hold the 'TEST/RESET' button on the front of the detector for a few seconds.
2. The alarm will sound a loud, distinct pattern, and the alarm indicator light (usually red) will flash.
3. Release the button. The alarm will stop, and the detector will return to normal operation.



Image 3.1: Pressing the 'TEST/RESET' button.

3.3 Carbon Monoxide Alarm

If the detector senses a dangerous level of CO, it will activate the alarm:

- The alarm will emit a loud, continuous sound pattern (e.g., 4 quick beeps, pause, 4 quick beeps).
- The alarm indicator light (red) will flash rapidly.

What to do if the alarm sounds:

1. Immediately move to fresh air outdoors or open all doors and windows.
2. Do a head count to check that all persons are accounted for.
3. Do not re-enter the premises until it has been aired out and the CO source has been identified and corrected.
4. Seek medical attention for anyone experiencing symptoms of CO poisoning (headache, nausea, dizziness).
5. Contact the appropriate emergency services or a qualified technician to investigate the source of CO.



Image 3.2: Common sources of carbon monoxide.

3.4 Silence/Reset Function

Pressing the 'TEST/RESET' button during an alarm will temporarily silence the alarm for a short period (e.g., 5-10 minutes). This function is useful for investigating the source of CO. If the CO level remains high, the alarm will reactivate.

4. MAINTENANCE

4.1 Regular Testing

Test your CO detector weekly by pressing the 'TEST/RESET' button as described in Section 3.2.

4.2 Cleaning the Detector

Clean the detector regularly to prevent dust and debris from interfering with its operation. Use a soft, damp cloth to wipe the exterior. Do not use cleaning solvents or sprays directly on the detector.

4.3 Battery Replacement

The detector will emit a short chirp every 30-60 seconds and the low battery indicator light (usually amber) will flash when the batteries are low. Replace both AA batteries immediately following the instructions in Section 2.2.

4.4 End-of-Life Signal

The FireAngel CO-9B has a typical lifespan of 7 years. When the detector reaches its end-of-life, it will emit a specific end-of-life signal (e.g., two chirps every 30 seconds). When this occurs, the detector must be replaced immediately.

5. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

| Problem | Indicator/Sound | Possible Cause | Solution |
|---------------------|--|---------------------------------|--|
| No power/No lights | None | Batteries not installed or dead | Install new AA batteries correctly. |
| Low battery warning | Chirp every 30-60 seconds, amber light flashes | Batteries are low | Replace both AA batteries immediately. |
| CO Alarm sounds | Loud, continuous alarm, red light flashes | Carbon Monoxide detected | Follow 'What to do if the alarm sounds' in Section 3.3. Evacuate and seek professional help. |

| Problem | Indicator/Sound | Possible Cause | Solution |
|--|---|---|---|
| End-of-life warning | Two chirps every 30 seconds | Detector has reached its operational lifespan | Replace the detector immediately. |
| Intermittent chirping (not low battery or end-of-life) | Single chirp, no specific light pattern | Dust, debris, or sensor fault | Clean the detector. If chirping persists, replace the unit. |

6. SPECIFICATIONS

| Feature | Detail |
|------------------------|---------------------------------------|
| Model | FireAngel CO-9B |
| Dimensions (L x W x H) | 11.5 x 3.9 x 13.8 cm |
| Weight | 127.01 grams |
| Power Source | 2 x AA batteries (not included) |
| Sensor Type | Electrochemical |
| Alarm Volume | Typically 85 dB at 3 meters (10 feet) |
| Operating Temperature | Typically 0°C to 40°C (32°F to 104°F) |
| Operating Humidity | Typically 30-90% RH non-condensing |
| Product Life | 7 years from activation |
| UPC | 816317003777 |

7. WARRANTY INFORMATION

For detailed warranty information, please refer to the documentation included with your product or visit the official FireAngel website. Warranty terms typically cover defects in materials and workmanship under normal use. Please note that information regarding spare parts availability is not provided in the product specifications.

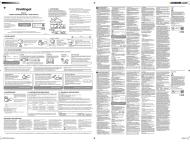
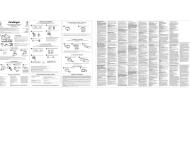
8. SUPPORT

If you have any questions or require technical assistance with your FireAngel CO-9B Carbon Monoxide

Detector, please contact FireAngel customer support through their official website or the contact details provided in your product packaging. Always provide your model number (CO-9B) when seeking support.

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Related Documents - CO-9B

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|---|--|
|  | <p>FireAngel Multisensor Plus User Manual: Smoke, Heat, CO Detector</p> <p>Comprehensive user manual for the FireAngel Multisensor Plus and Multisensor Plus Kitchen, detailing installation, operation, safety, troubleshooting, and technical specifications for smoke, heat, and carbon monoxide detection.</p> |
|  | <p>FireAngel FA6812/FA6813 Carbon Monoxide Alarm User Manual</p> <p>User manual for the FireAngel FA6812 and FA6813 Carbon Monoxide (CO) alarms, providing installation, operation, safety, and maintenance instructions.</p> |
|  | <p>FireAngel CO-9X 7 Year Life Carbon Monoxide Detector User Manual</p> <p>Comprehensive user manual for the FireAngel CO-9X 7 Year Life Carbon Monoxide Poisonous Gas Alarm. Learn about installation, operation, maintenance, safety, and troubleshooting.</p> |
|  | <p>FireAngel FA6813 Carbon Monoxide Alarm User Manual</p> <p>Comprehensive user manual for the FireAngel FA6813 Carbon Monoxide Alarm, covering installation, operation, maintenance, troubleshooting, and safety information.</p> |
|  | <p>FireAngel SCB10 Combination Smoke and Carbon Monoxide Alarm User Manual</p> <p>User manual for the FireAngel SCB10, a combination smoke and carbon monoxide alarm, providing comprehensive instructions on installation, operation, maintenance, and safety for residential use.</p> |
|  | <p>FireAngel FA3313, FA3322, FA3328, FA3820 Carbon Monoxide Alarms User Manual</p> <p>Comprehensive user manual for FireAngel FA3313, FA3322, FA3328, and FA3820 carbon monoxide alarms, covering installation, positioning, operation, safety warnings, maintenance, and technical specifications.</p> |