SITERWELL A4602A-7

SITERWELL A4602A-7 Plug-in Carbon Monoxide Detector User Manual

Model: A4602A-7

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your SITERWELL A4602A-7 Plug-in Carbon Monoxide (CO) Detector. This device is designed to detect carbon monoxide gas and alert you to potentially dangerous levels, helping to protect your home and family. Please read this manual thoroughly before using the detector and retain it for future reference.

The SITERWELL A4602A-7 features an advanced electrochemical sensor, a 10-year sealed battery backup, and a clear audible warning. Its plug-in design offers easy installation and portability for use in various locations.

Image 1.1: Front and back view of the SITERWELL A4602A-7 Carbon Monoxide Detector.

2. IMPORTANT SAFETY INFORMATION

Carbon monoxide (CO) is a colorless, odorless, and tasteless gas that can be deadly. It is produced by the incomplete combustion of fuels such as natural gas, propane, heating oil, kerosene, coal, charcoal, gasoline, or wood. Common sources include malfunctioning furnaces, gas ranges, water heaters, fireplaces, and vehicle exhaust.

2.1 Symptoms of Carbon Monoxide Poisoning

Exposure to carbon monoxide can cause various symptoms, which may be mistaken for the flu. These include:

- Headache
- Dizziness

- Nausea
- Vomiting
- Fatigue
- Chest pain
- Confusion

High concentrations can lead to unconsciousness, brain damage, and death. If you experience any of these symptoms and suspect CO exposure, seek fresh air immediately and medical attention.
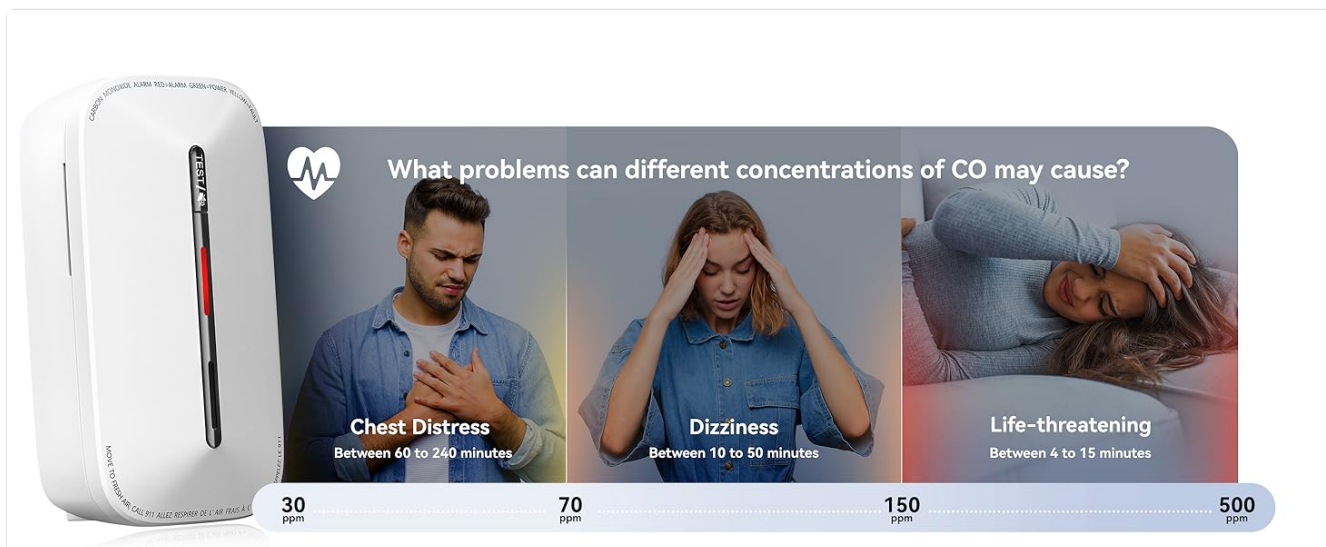

Image 2.1: Effects of Carbon Monoxide exposure at various concentrations and durations.

2.2 What to Do if the Alarm Sounds

1. **Immediately move to fresh air** outdoors or open all doors and windows to ventilate the area.
2. **Call emergency services (911)** or your local fire department.
3. **Do not re-enter the premises** until emergency responders have arrived, the area has been aired out, and the source of CO has been identified and corrected.
4. **Seek medical attention** for anyone experiencing symptoms of CO poisoning.

2.3 Certifications

This SITERWELL Carbon Monoxide Detector meets UL 2034-4th Standards and California Certification, ensuring enhanced safety and reliability.

Image 2.2: The detector is certified to UL 2034-4th Standards and California Certification.

3. PRODUCT OVERVIEW

The SITERWELL A4602A-7 is a compact and portable carbon monoxide detector designed for ease of use and reliable detection. It features a test/silence button and a multi-color LED indicator for status updates.

3.1 Components

- Carbon Monoxide Detector Unit
- Integrated Foldable AC Plug
- Built-in 10-Year Lithium Battery (CR123A)
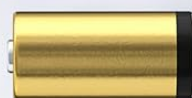- User Manual
- CO Warning Label

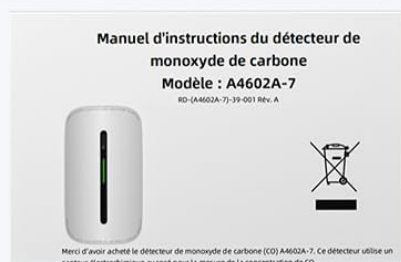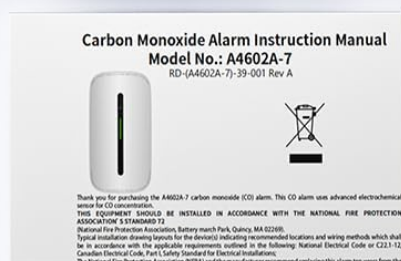Image 3.1: Product dimensions and included components.

4. Setup and Installation

The SITERWELL A4602A-7 is designed for simple plug-and-play installation. No complex wiring or tools are required.

4.1 Initial Setup

1. **Unfold the AC plug:** Gently pull out the foldable plug from the back of the detector.
2. **Insert into a 120V outlet:** Plug the detector directly into a standard 120V AC electrical outlet. Ensure it is securely seated.
3. **Power-on self-test:** The detector will perform a self-test upon initial power-up. The LED indicator will cycle through colors, and a brief alarm sound may occur.

Image 4.1: Plugging the detector into a 120V outlet.

4.2 Placement Guidelines

For optimal performance and safety, consider the following placement recommendations:

- **General Location:** Install at least one CO detector on each level of your home, especially near sleeping areas.
- **Proximity to CO Sources:** Place detectors near potential sources of CO, such as gas appliances, fireplaces, and attached garages.
- **Avoid Obstructions:** Ensure the detector is not blocked by furniture, curtains, or other objects that could obstruct the sensor.
- **Height:** CO is slightly lighter than air and mixes with it. Place the detector at a height where it can effectively detect CO, typically at eye level or higher, but not directly on the ceiling unless specified by local codes.
- **Avoid High Humidity/Temperature:** Do not install in areas with high humidity (e.g., bathrooms) or extreme temperatures (e.g., unheated garages, direct sunlight).
- **Avoid Dead Air Spaces:** Do not place in corners or areas where air circulation is poor.

The detector supports two placement options: directly plugged into a wall outlet or placed upright on a flat surface like a table or nightstand.
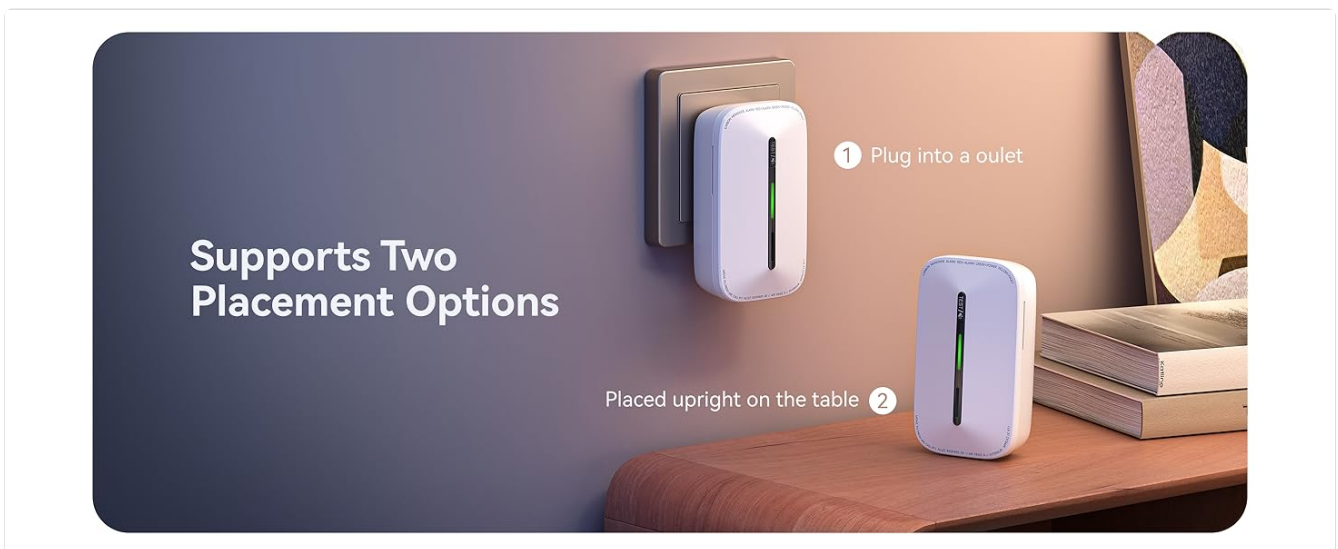

Supports Two Placement Options

1 Plug into a oulet

Placed upright on the table 2

Image 4.2: The detector can be plugged into an outlet or placed on a flat surface.

4.3 Portable Use

The compact size of the SITERWELL A4602A-7 makes it suitable for travel. It can be easily packed in a suitcase or backpack for use in hotels, RVs, or during camping trips where CO exposure might be a concern.

Image 4.3: The detector's compact size allows for easy portability.

5. OPERATION

Once plugged in, the detector continuously monitors for carbon monoxide. Its LED indicator and audible alarm provide clear status updates.

5.1 LED Indicator States

The detector features a breathing light design that minimizes disturbance while providing clear status indications:

- **Green Light (Normal Operation):** The green light flashes every 40 seconds, indicating the detector is powered and functioning correctly.
- **Yellow Light (Fault/Low Battery):** A yellow light indicates a fault with the unit or a low battery warning. Refer to the Troubleshooting section.
- **Red Light (Alarm):** A red light, accompanied by an audible alarm, signifies the detection of dangerous carbon monoxide levels.
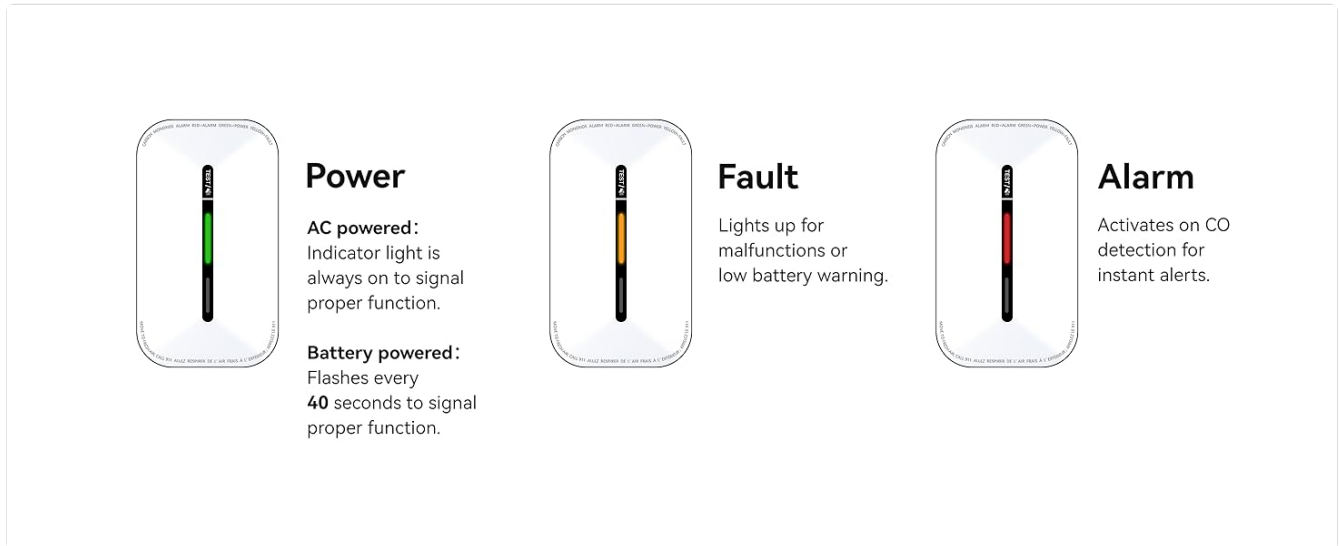

Power

AC powered:
Indicator light is always on to signal proper function.

Battery powered:
Flashes every **40** seconds to signal proper function.

Fault

Lights up for malfunctions or low battery warning.

Alarm

Activates on CO detection for instant alerts.

Image 5.1: LED indicator states for Power, Fault, and Alarm.

10-Year Battery Backup

Even in a power outage, protection's still on.

10
YEAR

10-Year
Built-in Battery

Low battery
warning

Battery Powered
and Equipped

Image 5.2: The gentle breathing light design minimizes sleep disturbance.

5.2 Audible Alarm

When carbon monoxide is detected at dangerous levels, the detector will emit an audible alarm exceeding 85 decibels. This alarm is designed to be loud enough to alert occupants even during sleep.

Image 5.3: The detector emits an 85dB alarm when CO is detected.

5.3 Test/Silence Button

The large button on the front of the detector serves two functions:

- **Test Function:** Press and hold the button briefly to perform a self-test. The alarm will sound, and the LED will cycle through colors, confirming proper operation.
- **Silence Function:** If the alarm sounds due to CO detection, pressing the button will temporarily silence the alarm for a short period (e.g., 10 hours, as indicated in some product information). This allows time for ventilation while the detector continues to monitor CO levels. If CO levels remain high, the alarm will reactivate.

Image 5.4: The one-click silence function.

6. MAINTENANCE

Regular maintenance ensures the continued reliability of your carbon monoxide detector.

6.1 Weekly Testing

Test your CO detector weekly by pressing and holding the Test/Silence button until the alarm sounds. This confirms

the electronic circuitry, alarm, and battery are functioning correctly.

6.2 Cleaning

Dust and debris can accumulate on the detector and interfere with its operation. Clean the detector regularly (e.g., monthly) by gently vacuuming the vents and exterior with a soft brush attachment. Do not use cleaning solvents or spray directly onto the unit.

6.3 Battery Information

The SITERWELL A4602A-7 is equipped with a sealed 10-year lithium battery (CR123A). This battery is designed to last the entire lifespan of the detector under normal operating conditions and is not user-replaceable. The battery backup ensures continuous protection even during power outages.

Image 6.1: The detector includes a 10-year battery backup.

6.4 End of Life Indication

After approximately 10 years of operation, the detector will indicate its end-of-life, typically through a specific fault signal (e.g., a series of chirps or a persistent yellow light). When this occurs, the entire unit must be replaced.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your SITERWELL A4602A-7 Carbon Monoxide Detector.

Problem	Possible Cause	Solution
Alarm sounds (Red LED)	Carbon monoxide detected	Follow the 'What to Do if the Alarm Sounds' procedure (Section 2.2). Ventilate the area and call emergency services.
Yellow LED flashes/stays on	Faulty unit or low battery	Press the Test/Silence button. If the fault persists, the unit may need replacement. Contact SITERWELL support if within warranty.
No LED activity	No power or unit malfunction	Ensure the detector is securely plugged into a live 120V outlet. If still no activity, the unit may be faulty and require replacement.
Alarm chirps periodically	Low battery warning or end-of-life indication	The sealed 10-year battery is nearing depletion or the unit has reached its end of life. The entire detector must be replaced.

8. SPECIFICATIONS

Feature	Specification
Model Number	A4602A-7
Power Source	120V AC (Plug-in) with 10-Year Sealed Lithium Battery (CR123A) backup
Sensor Type	Electrochemical
Alarm Loudness	85 dB at 10 feet (3 meters)
Operating Temperature	4.4°C to 37.8°C (40°F to 100°F)
Operating Humidity	25% ~ 95% RH non-condensing
Product Dimensions	4.72"D x 2.76"W x 1.65"H (120mm x 70mm x 42mm)
Item Weight	0.4 Pounds (6.4 ounces / 181 grams)
Color	White
Certifications	UL 2034-4th Standards, California Certified

9. WARRANTY AND SUPPORT

SITERWELL products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official SITERWELL website.
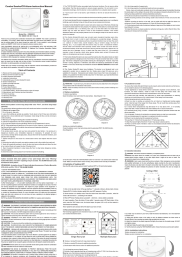
Important: To ensure genuine quality and support, only purchase SITERWELL products from official websites or authorized resellers. Unauthorized use of SITERWELL branding and product information is prohibited.
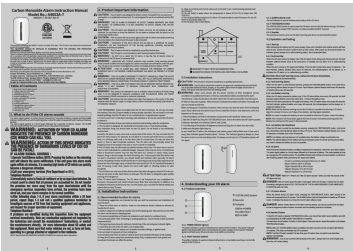

Image 9.1: Warning against counterfeit products.

Related Documents - A4602A-7

	[Siterwell GS886F Smoke and Carbon Monoxide Detector Instruction Manual](#) Comprehensive instruction manual for the Siterwell GS886F hardwired interconnected smoke and carbon monoxide detector, covering installation, operation, maintenance, and troubleshooting.
	[Siterwell GS888W Combination Smoke and Carbon Monoxide Alarm Instruction Manual](#) Comprehensive instruction manual for the Siterwell GS888W Combination Smoke and Carbon Monoxide Alarm, covering installation, operation, safety, troubleshooting, and warranty information.

Documents - SITERWELL – A4602A-7

[Siterwell A8612B-4 Combination Smoke and Carbon Monoxide Alarm User Manual](#)
Comprehensive user manual for the Siterwell A8612B-4 combination smoke and carbon monoxide alarm, covering installation, operation, maintenance, safety tips, and troubleshooting.

[Siterwell GS828A-C Carbon Monoxide Alarm: Installation and User Guide](#)
Comprehensive guide for the Siterwell GS828A-C Carbon Monoxide Alarm. Learn about installation, operation, alarm signals, troubleshooting, and ensuring home safety against carbon monoxide.

[Siterwell GS886F-H02 Combination Smoke and Carbon Monoxide Alarm User Manual](#)
Comprehensive user manual for the Siterwell GS886F-H02 combination smoke and carbon monoxide alarm. Covers installation, operation, maintenance, safety, and troubleshooting for enhanced home protection.

[GS886W Combo Smoke and CO Alarm: Installation, Operation, and Safety Guide](#)
Comprehensive instruction manual for the Siterwell GS886W Combo Smoke and Carbon Monoxide Alarm. Learn about installation, operation, testing, maintenance, and safety guidelines.