

First Alert SM210

First Alert SM210 10-Year Sealed Battery Smoke Alarm User Manual

Brand: First Alert

Model: SM210

1. OVERVIEW

The First Alert SM210 10-Year Sealed Battery Smoke Alarm with Slim Profile Design is equipped with First Alert's Precision Detection advanced sensing technology. This technology complies with new industry standards to reduce nuisance alarms while providing early warning in the event of a home fire emergency. The slim profile smoke alarm is easy to install, and the 10-year sealed battery eliminates the need for battery replacements and low battery chirps for the life of the alarm.

2. KEY FEATURES

- **Precision Detection Technology:** Advanced sensing technology designed to reduce cooking nuisance alarms and provide early warning for home fires.
- **10-Year Sealed Battery:** Eliminates the need for battery replacements and prevents low battery chirps for the entire lifespan of the alarm.
- **Slim Profile Design:** Half the depth of a standard smoke alarm, offering a discreet and modern appearance.
- **End-of-Life Warning:** Alerts you when the alarm unit needs to be replaced, typically after 10 years.
- **Test/Silence Button:** Allows for efficient testing of the alarm's functionality and silencing of nuisance alarms.

3. SETUP & INSTALLATION

The First Alert SM210 smoke alarm is designed for easy installation. Follow these general steps:

1. **Unpack the Alarm:** Carefully remove the smoke alarm and its mounting bracket from the packaging.
2. **Select Location:** Choose a suitable location on a ceiling or wall, away from vents, windows, and areas prone to nuisance alarms like kitchens or bathrooms. Refer to local codes for specific placement requirements.
3. **Mount the Bracket:** Use the provided screws and anchors to securely attach the mounting bracket to the chosen surface.
4. **Activate the Alarm:** Twist the smoke alarm onto the mounting bracket. This action will activate the sealed 10-year battery.
5. **Test the Alarm:** Press and hold the Test/Silence button for a few seconds until the alarm sounds. This confirms proper operation.



Image: First Alert SM210 smoke alarm with its mounting plate and installation hardware. The mounting plate is designed for easy attachment to a ceiling or wall.

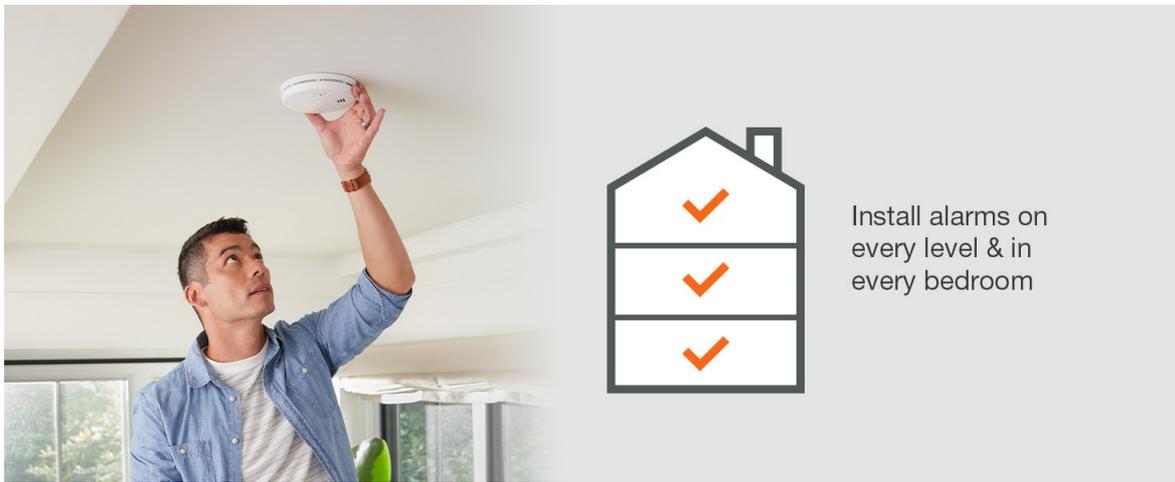


Image: A diagram illustrating the recommended placement of smoke alarms on every level of a home and within each bedroom for optimal safety.

4. OPERATING INSTRUCTIONS

The First Alert SM210 operates continuously once activated. It features a Test/Silence button for user interaction and provides clear alerts.

- **Normal Operation:** The alarm monitors for smoke continuously. A small LED indicator light will flash periodically to confirm it is functioning correctly.
- **Testing the Alarm:** Press and hold the Test/Silence button located on the alarm's cover. The alarm will sound a loud, pulsating tone to indicate it is working. Release the button to stop the test. Test the alarm monthly.
- **Silencing Nuisance Alarms:** If the alarm sounds due to non-emergency conditions (e.g., cooking smoke), press the Test/Silence button to temporarily silence it. The alarm will reset after a few minutes if the smoke clears.
- **Smoke Alarm:** If smoke is detected, the alarm will emit a loud, continuous siren. Evacuate immediately and call emergency services.
- **End-of-Life Warning:** After approximately 10 years, the alarm will begin to chirp periodically, indicating it has reached the end of its operational life and needs to be replaced.



Image: A close-up view of the Test/Silence button on the First Alert SM210 smoke alarm, used for verifying functionality and temporarily silencing nuisance alarms.

5. MAINTENANCE

Proper maintenance ensures the continued reliability of your smoke alarm.

- **Monthly Testing:** Test your smoke alarm at least once a month by pressing the Test/Silence button. A loud alarm confirms it is working.
- **Regular Cleaning:** Clean the smoke alarm regularly to prevent dust and debris from interfering with its operation. Use a soft, damp cloth to wipe the exterior. Do not use cleaning sprays or solvents.
- **Battery Life:** The SM210 features a sealed 10-year battery. No battery replacement is needed during its 10-year lifespan.
- **End-of-Life Replacement:** The alarm will signal when it needs to be replaced, typically after 10 years from the date of manufacture. Replace the entire unit at this time.



Image: A person testing a smoke alarm installed on the ceiling, demonstrating the importance of regular checks.



Image: A person holding a smoke alarm next to a calendar icon, symbolizing the recommendation to replace alarms at least every 10 years.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Alarm chirps periodically.	End-of-life warning.	Replace the entire smoke alarm unit. The sealed battery cannot be replaced.
Nuisance alarms (false alarms).	Cooking smoke, steam, high humidity, or dust accumulation.	Press the Test/Silence button to temporarily silence the alarm. Ensure proper ventilation in areas like kitchens. Clean the alarm regularly. Relocate the alarm if nuisance alarms persist due to environmental factors.
Alarm does not sound during test.	Alarm not activated or unit malfunction.	Ensure the alarm is properly twisted onto its mounting bracket to activate the battery. If still unresponsive, the unit may be faulty and require replacement.

7. SPECIFICATIONS

Brand: First Alert

Model: SM210

Style: Precision Detection

Power Source: Sealed 10-Year Lithium Battery (included)

Color: White

Product Dimensions: 5.13"D x 5.13"W x 1"H

Item Weight: 5.9 ounces

Alarm Type: Smoke Alarm

Operating Humidity: 10-95% RH

Sensor Type: Photoelectric

UPC: 029054021847

Manufacturer: Resideo

8. WARRANTY & SUPPORT

The First Alert SM210 smoke alarm is designed for a 10-year operational life, backed by its sealed 10-year battery. This means the unit is intended to function without maintenance for a decade, after which it should be replaced.

For any questions, technical assistance, or warranty claims, please contact First Alert customer support. Refer to the packaging or the official First Alert website for the most current contact information.