

SMOKE ALARM

10-YEAR SEALED

CAT. **SA350B**



10-YEAR LITHIUM POWER

10 years of continuous protection.
No battery change required. Provides
audible notice when alarm has
reached its end of life.

TAMPERPROOF SEALED ALARM

Powercell cannot be removed.

DUAL IONIZATION

Dual Ionization sensing chamber.
Generally more effective at detecting
small particles produced by flaming
fires.

SILENCE FEATURE

Silences nuisance alarms.

TAMPER RESISTANT

Locks alarm to mounting bracket.
Perfect for apartment, dormitory or
hotel applications.



BRK®

THE PROFESSIONAL STANDARD

Sealed Lithium Power Cell

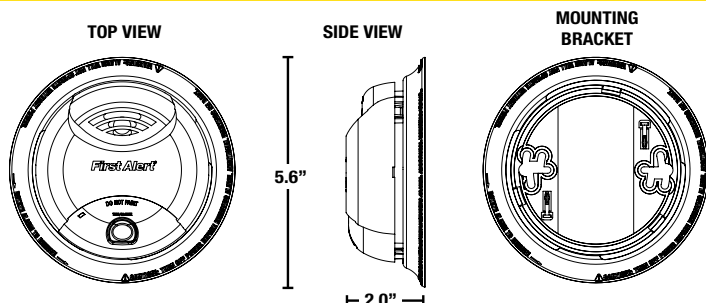
Description:

The BRK Cat. No. SA350B (model 0827) is a battery operated, lithium power cell single station smoke alarm specifically designed for residential and institutional applications including sleeping rooms of hospitals, hotels, motels, dormitories and other multi-family dwellings as defined in standard NFPA 101. This alarm complies with UL217, CSFM, NFPA 72, HUD, FHA and other agencies that model their codes after the above agencies. It meets building codes where tamperproof 10-year sealed lithium battery operated smoke alarms are required.

BRK SA350B features a dual ionization smoke sensing chamber, an 85 dB horn, a sealed 10-year lithium power cell power supply that is permanently installed, a single button for test/silence and a red LED that blinks to indicate unit is receiving power. The tamperproof design will not allow the powercell to be removed. The low power warning indicator will cause the alarm to "chirp" when it reaches the end of its service life and needs to be replaced. Upon end of life, the unit meets UL requirements for disabling the alarm and non-reinstallation of unit to mounting bracket. Designed for surface mounting, the SA350B includes mounting anchors and screws. Includes a gasketless base for easy installation and a new mounting bracket that keeps the alarm secure over a wide rotation range to allow for perfect alignment.



CAT. SA350B



ARCHITECTURAL AND ENGINEERING SPEC

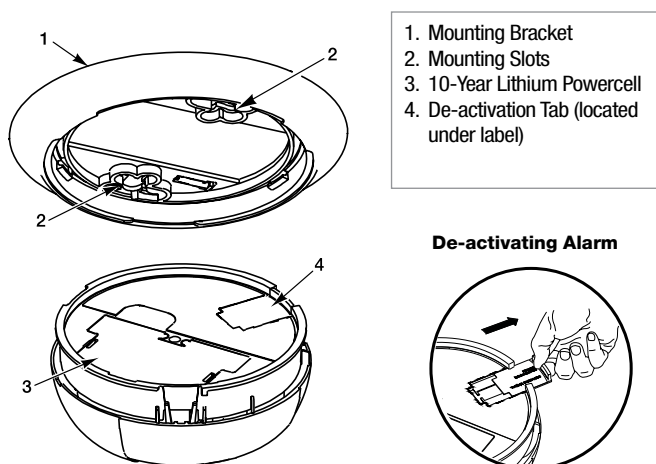
The smoke alarm shall be a BRK Model 0827 (cat no. SA350B) and shall provide at a minimum the following features and functions:

1. A dual ionization sensing chamber.
2. The unit shall be capable of self restoring.
3. Powered by a sealed 10-year lithium powercell with a tamperproof design. The tamperproof design shall not allow the powercell to be removed. A low power warning indicator shall cause the alarm to "chirp" when it reaches the end of its service life and needs to be replaced. Upon end of life, the unit shall meet UL requirements for disabling the alarm and the non-reinstallation of unit to mounting bracket.
4. A solid state piezo horn rated at 85 dB at 10 feet.
5. A visual LED power-on indicator to confirm unit is receiving power or is in alarm.
6. A full function test button. The test button should check all alarm functions by stimulating the chamber to simulate a smoke condition, causing the unit to alarm and also has a silence feature to silence unwanted nuisance alarms.
7. The unit shall be capable of operating between 40°F (4°C) and 100°F (38°C) and relative humidity between 10% and 90%.
8. The unit shall contain mounting hardware and shall be listed for wall or ceiling mounting.
9. The unit shall at a minimum meet the requirements of UL217, CSFM, NFPA 72, NFPA 101, ICC.

INSTALLATION OF ALARM

Installation of this smoke alarm must conform to NFPA 72. Always check your local building codes. Follow all instructions for placement as outlined in the user's manual in sections titled "Recommended Locations for Smoke Alarms" and "Locations to Avoid for Smoke Alarms".

THE PARTS OF THIS SMOKE ALARM



TECHNICAL SPECS

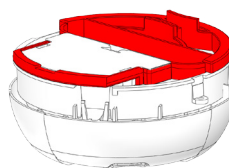
| | |
|--------------------------|--|
| Alarm Dimensions: | 5.6" dia x 2.0"H |
| Weight: | 6.9 oz |
| Operating Voltage: | 9V (three 3V) Lithium Power Cells |
| Temperature Range: | 40°F (4°C) to 100°F (38°C) |
| Humidity Range: | 10% to 95% relative humidity (RH) |
| Audio Alarm: | 85dB at 10 feet |
| Test/Silence: | Electronically simulates smoke condition, causing the unit to alarm. Press and hold test/silence button. |
| Alarm Reset: | Automatic when smoke clears |
| Smoke Sensor: | Dual Ionization |
| Indicator Lights/Sounds: | |
| DC Power: | Intermittent Red LED |
| Local Alarm: | Audio alarm and rapidly flashing Red LED |
| Listing: | Listed to UL217 Standard |

SHIPPING SPECS

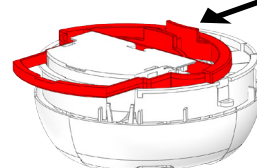
| | |
|------------------------------|---------------------------|
| Individual Carton Dimensions | 5.69 "L x 2.25"W x 5.59"H |
| Weight | 0.55 lbs. |
| Cube | 0.04 ft3 |
| UPC | 0 29054 01474 0 |
| Master Carton Dimensions | 11.94"L x 7.12"W x 6.38"H |
| Master Pack | 6 |
| Weight | 3.7 lbs. |
| Cube: | 0.32 ft3 |
| I2of5: | 600 29054 01474 2 |
| Pallet Information | |
| Cases per Layer | 24 |
| Number of Layers: | 6 |
| Cases per Pallet: | 144 |
| Units per Pallet: | 864 |
| Cube: | 46.8 ft3 |
| Weight: | 592 lbs. |

This alarm is shipped with a bracket to keep the battery from being activated until alarm is ready for installation. The bracket is red. Remove the bracket as shown below and activate the battery pack by pushing down into alarm base until it locks into place. It is no longer needed.

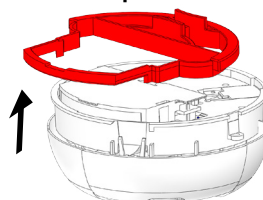
1. As Shipped



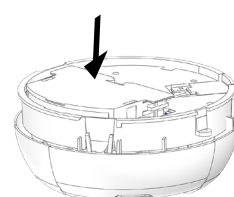
2. Slide Bracket Forward



3. Lift Up And Remove



4. Push Battery Pack Down



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CM3203-1

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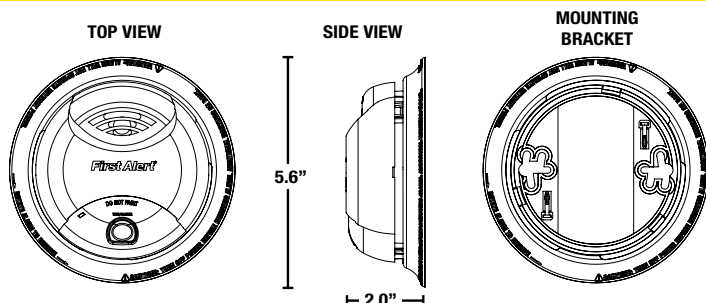
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CAT. SA350B



ARCHITECTURAL AND ENGINEERING SPEC

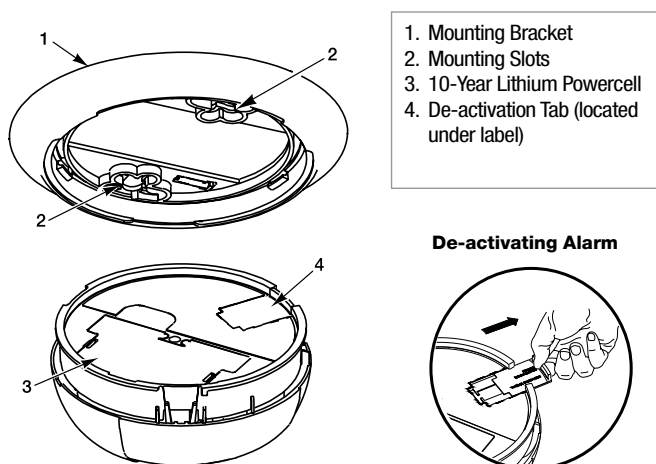
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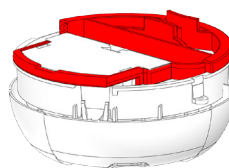
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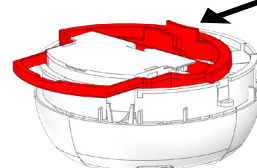
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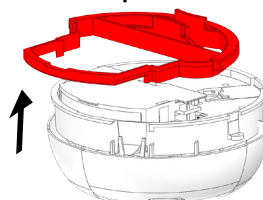
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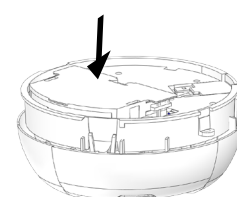
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