SMOKE ALARM

First Alert®

CAT. SA710B/AB

OptiPath 360™
Technology

PHOTOELECTRIC
Photoelectric smoke sensing technology for optimal sensing of smoke particles produced in smoldering fires. Helps reduce false alarms like those caused by cooking smoke and shower steam.

OPTIPATH 360 TECHNOLOGY™
Provides 360 degrees of direct access to the smoke sensing chamber.

SILENCE FEATURE
Silences and tests alarm with a single button.

TWO LOCKING FEATURES
Pins are provided to lock battery drawer and/or alarm to base. Perfect for apartment, dormitory or hotel applications.

EASY ACCESS BATTERY DRAWER

Available in the following versions:
SA710B   Carbon Zinc Battery
SA710AB   Extended Life Alkaline Battery

LIMITED 10 YEAR WARRANTY

Listed to
UL 217
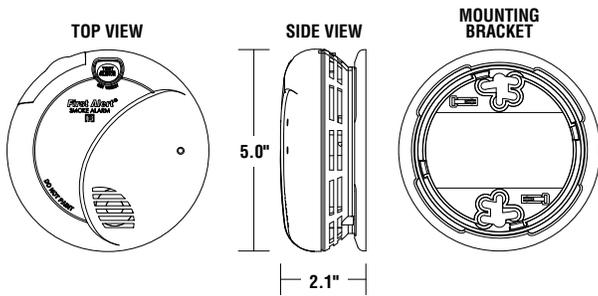Standard

9V Battery Powered

Description:

First Alert Model SA710 is a battery operated single station photoelectric smoke alarm specifically designed for residential and institutional applications including sleeping rooms of hospitals, hotels, motels, dormitories, and other multifamily dwellings as defined in standard NFPA 101. Model SA710 has been fully tested and complies with, UL217, CSFM, NFPA 72, and NFPA 101 and other agencies that model their codes after the above agencies. It meets building codes where battery operated photoelectric with Silence smoke alarms are required and with model building codes published by the ICC.

First Alert Model SA710 is a state of the art smoke alarm designed to provide early warning of a fire. It features a photoelectric smoke sensing chamber, an 85dB horn, a supervised 9V battery power supply (cat. no. SA710AB features an extended life alkaline battery), a single button test/silence switch, a silence feature to silence unwanted nuisance alarms, a red LED light that indicates DC power or alarm. Optipath 360 technology™ provides 360 degrees of direct access to the smoke sensing chamber. It also features tamper resistant locking pins that lock the alarm to the mounting bracket and/or the battery drawer to prevent removal of battery. Battery installation and removal can occur while the unit is mounted to the ceiling or wall via the slide out battery drawer. When battery power drops to a pre-set warning level, the horn will "chirp" approximately once per minute to indicate a fresh battery is needed. Designed for wall or ceiling mounting. Includes mounting anchors and screws.

CAT. SA710B/AB

TECHNICAL SPECS

Alarm Dimensions:	5.0" dia x 2.1"H
Weight:	8.0 oz.
Operating Voltage:	9V Battery Powered (SA710AB: Alkaline Battery)
Temperature Range:	40°F (4°C) to 100°F (38°C)
Humidity Range:	10% to 90% relative humidity (RH)
Audio Alarm:	85dB at 10 feet
Test/Silence:	Electronically simulates smoke condition, causing the unit to alarm
Manual:	Press and hold test/silence button
Alarm Reset:	Automatic when smoke clears
Smoke Sensor:	Photoelectric
Indicator Lights/Sounds:	
DC Power:	Intermittent Red Light
Alarm:	Audio alarm, rapidly flashing red light
Listing:	Listed to UL217 Standard

TOP VIEW • SIDE VIEW • MOUNTING BRACKET

5.0" 2.1"

ARCHITECTURAL AND ENGINEERING SPEC

The smoke alarm shall be a First Alert Model SA710B (carbon zinc battery) or SA710AB (alkaline battery) and shall provide at a minimum the following features and functions:

1. A Photoelectric smoke sensing chamber.
2. The unit shall be capable of self restoring.
3. Fully screened sensing chamber to resist entry of small insects thereby reducing the probability of unwanted alarms.
4. Powered by a supervised 9V (alkaline cat. no. SA710AB) battery and a solid state piezo horn rated at 85dB at 10 ft.
5. A visual red LED power-on indicator to confirm unit is receiving power or is in alarm.
6. A full function test button should check all alarm functions by simulating a smoke condition, causing the unit to alarm.
7. Silence feature - Temporarily silence unwanted nuisance alarms.
9. Optipath 360 Technology - provides 360 degrees of direct access to the smoke sensing chambers.
10. Two Locking features - tamper resistant locking pins that lock battery drawer and/or alarm to mounting bracket.
11. The unit shall be capable of operating between 40°F (4°C) and 100°F (38°C) and relative humidity between 10% and 90%.
12. The unit shall contain mounting hardware and shall be listed for wall or ceiling mounting.
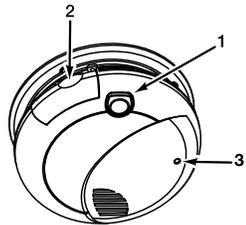13. The unit shall at a minimum meet the requirements of UL217, CSFM, NFPA 72, NFPA 101, ICC

SHIPPING SPECS:

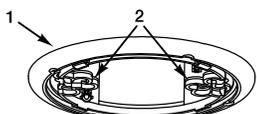|	
Individual Carton Dimensions	5.125 "L x 2.380"W x 5.125"H
Weight	0.53lbs.
Cube	0.036 ft3
UPC	SA710B: 0 29054 65660 5
	SA710AB: 0 29054 00285 3
Master Carton Dimensions	10.630"L x 7.880"W x 10.880"H
Master Pack	12
Weight	7.3lbs.
Cube	0.527 ft3
I2 of 5	SA710B: 100 29054 65660 2
	SA710AB: 100 29054 00285 0
Pallet Information	
Cases per Layer	22
Number of Layers	4
Cases per Pallet	88
Units per Pallet	1,056
Cube	53.9 ft3
Weight	707 lbs.

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.
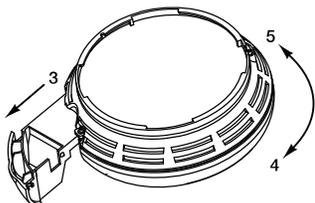
THE PARTS OF THIS SMOKE ALARM

TOP OF ALARM
1. Test/Silence button
2. Slide-open battery drawer
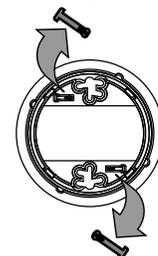3. Red Alarm Light

BOTTOM OF ALARM
1. Mounting bracket
2. Mounting Slots
3. Battery Drawer - Install 9V battery here
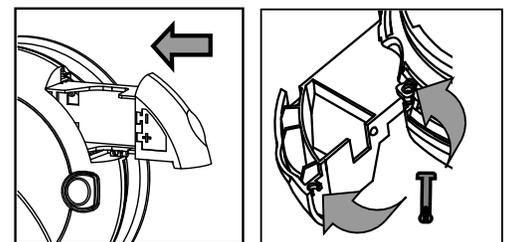4. Turn this way to remove from bracket
5. Turn this way to attach to bracket

BATTERY DRAWER LOCK

Remove Pin from Mounting Bracket

Close Door. Insert Pin in Holes through alarm and Battery Drawer

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THE PROFESSIONAL STANDARD
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