120V AC
Direct Wire With
Battery Back-up and
Quick Quiet™
False Alarm Control™

FIREX®

Smoke Alarm

Item 4618

Features and Benefits

NEW Alarm Locator
Red LED flashes until reset for quick, clear identification of the initiating alarm in an interconnected system.

Front loading battery door
Makes battery changing simple.

PowerLink™ Tab
Makes installation faster and easier than ever.

Quick Quiet™ False Alarm Control™
Quiets unwanted alarms for up to 15 minutes.

NEW Visible Low Battery Indicator
Helps locate chirping unit.

Interconnects with other Firex smoke and heat alarms
Compatible with other contractor preferred Firex devices.

NEW Ramp-Up Test Horn
Allows you to test the unit without the ear-piercing horn.

Factory sealed housing
Prevents tampering and provides outstanding durability.

Dust Cover
Eliminates nuisance call-backs.

Attractive low-profile design
Favorite among consumers.

PowerLink Tab™ makes installation faster and easier than ever. Simply pull tab, close door and press test button!

Description

The Firex 4618 Smoke Alarm is an ionization 120V AC smoke alarm with battery back-up for single or multiple station use. It includes a Quick Quiet™ False Alarm Control™ feature which allows the user to quiet an unwanted alarm for up to 15 minutes. The 4618 has a front loading battery door, 85 decibel horn, test switch and dual purpose LED indicator; constant green "power on" confirms AC power is present and the flashing red displays alarm/battery status. The Latching LED feature clearly identifies the smoke alarm that initiated an alarm in an interconnected system with a flashing red LED. The LED will remain flashing until the test button is depressed on that unit. Our unique PowerLink™ Tab is designed to allow the smoke alarm to be shipped with the battery already installed. It keeps the door from closing until installation, which prevents the battery from draining prematurely. The installer simply removes the PowerLink™ Tab, closes the door and tests the unit. This results in a faster installation time. The dust cover eliminates nuisance call-backs by keeping construction dust and debris from causing false alarms.

This smoke alarm mounts to any single or 4" octagon junction box or square-to-round drywall ring and has 8" long pigtails with a Quick Connect harness for permanent connection. The 4618 is interconnectable with up to 11 other compatible Firex smoke alarms and 6 Firex heat, carbon monoxide or smoke/CO combo alarms for a total of not more than 18 Firex devices. When interconnected with other Firex smoke alarms, the unit that initiates an alarm will display a rapidly flashing red LED while the other interconnected alarm LED's remain extinguished. This Firex unit should be placed in single-family households or in each individual living unit of multiple-family buildings.

An ISO 9002 Certified Company

UL

5 Year Limited Warranty

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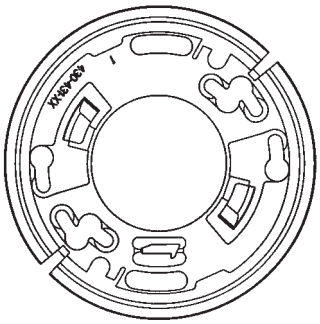
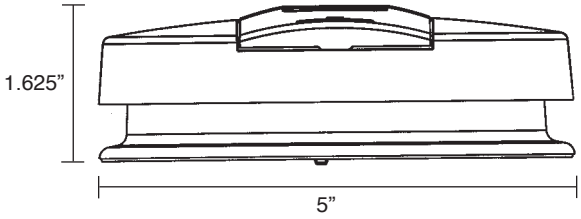
Mounting Bracket



Side View



Architectural Specifications

The smoke alarm shall be a Styleline design™ (1-5/8” high, 5” wide), powered by a 120 VAC, 60 Hz source with a 9 volt battery back-up. The alarm shall have a “quick connect” molded harness and front loading battery door. The alarm shall have a dual chamber ionization sensor. The alarm shall be rated at no greater than .5W in standby. Nominal sensitivity shall be measured by U.L. at obs. 1.35 ± 0.7%/ft. Temperature operating range shall be between 40° and 100°F (4°-38°C); humidity range between 10%-93% relative humidity; 100% solid state alarm circuits over an input range of 100-130 VAC. A green continuous power-on indicator shall be a built-in light emitting diode in the standby condition; a second red flashing LED shall indicate that a sufficient 9-volt battery back-up is present; when activated the initiating alarm red LED shall remain illuminated while the interconnected alarm LEDs are extinguished. The Quick Quiet™ False Alarm Control™ feature shall desensitize the alarm for 15 minutes. The red LED shall blink once every 10 seconds when in Quick Quiet™ False Alarm Control™ and the alarm shall produce two short chirps 2 seconds apart at the conclusion of the desensitized period. The test switch shall electronically activate the chamber to simulate smoke and check for proper operation. The electronic horn shall have a level of 85 decibels at 10 feet. The alarm shall mount to a single gang box, 4” octagon junction box, or a square to round drywall ring without screw removal. It shall have a pigtail wiring, separate mounting bracket. The 4618 shall meet the requirements of U.L. Standard 217.

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Technical Specifications

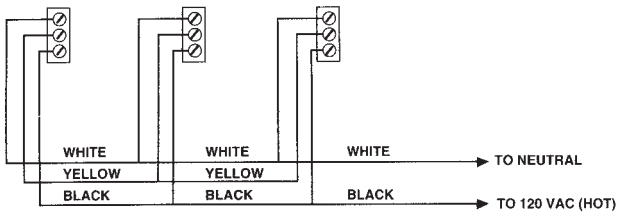
Item	4618
Model	FADC
Product Weight	8 ounces
Operating Temperature	40° to 100°F
Interconnect Qty	Up to 18 Firex devices maximum: smoke alarm items 5000 (model FADC), 4418 (model AD), 4518 (model ADC), 4480 (model PAD), Firex heat alarm item 5700 (model ADH), CO alarm items 10000 (COE), 6045 (model COQ8), smoke & CO alarm item 7000 (model FADCQ) (up to 6 heat, CO, smoke CO alarms max.)
Electrical Rating	120V AC, 60HZ, 50mA max, 9 Volt Battery Back-up
Alarm Point	obs. 1.35 ± 0.7%/ft.
Horn Output	85 decibels at 10 feet
Listing	4618 — U.L. 217
Detection Type	Dual ionization chamber
Humidity Range	10% to 93% relative humidity

Installation of Smoke Alarm

This smoke alarm should be installed in accordance with the NFPA’s Standard 72 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269) and any local codes that apply.

When interconnecting, use #18 AWG minimum solid or stranded wire. Maximum wire length between any two is 1,500 feet for #18 AWG or 4,000 feet for #14 AWG (20 OHMS loop resistance).

DO NOT connect to any other type or model of smoke, heat, CO or smoke/CO combo alarm. Connect smoke, heat, CO or smoke/CO combo alarms to a single AC branch circuit. If local codes do not permit, be sure the neutral wire is common to both phases.



Shipping Specifications

Individual Carton Dimensions	5-1/8” x 5-1/8” x 1-1/2” 13cm x 13cm x 3.8cm
Master Carton Quantity	24
Master Carton Dimensions	21-1/2” x 11” x 5-7/8” 54.6cm x 28cm x 14.9cm
Master Carton Weight	13 lbs. 5.9kg
Pallet Quantity	1008
Pallet Dimensions	48”L x 40”W x 46”D 122cm x 102cm x 117cm

150-1521E