



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

Item 46182

Features and Benefits

NEW Alarm Locator

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

9 Volt Alkaline Battery Back-up

(battery included) Provides up to 3 years of stand-by protection in the event of a power failure

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 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.

FIREX®

Smoke Alarm

Description

The Firex® 46182 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 Alarm Locator feature (Latching LED) 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. The 46182 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. 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.

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 46182 is interconnectable with up to 11 other compatible Firex smoke alarms and as many as 6 Firex heat alarms for a total of not more than 18 interconnected devices. This Firex unit should be placed in single-family households or in each individual living unit of multiple-family buildings.

Why Install a Firex 46182 Smoke Alarm?

The 46182 Smoke Alarm features an alkaline battery to provide contractors the added assurance that the installed smoke alarm will deliver at least a full year's worth of performance *after* a new homeowner moves in -- even if the home remains vacant for an extended period. This eliminates costly contractor callbacks. The Firex 46182 retains all the features of the 4618 including a front loading battery door which makes battery changes simple. It meets building code requirements where DC battery back up is required and is recommended for all smoke alarm installations to provide added fire protection in the event of a power failure.



An ISO 9002 Certified Company



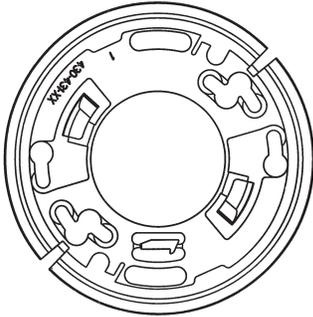
5 Year
Limited
Warranty

Item 46182

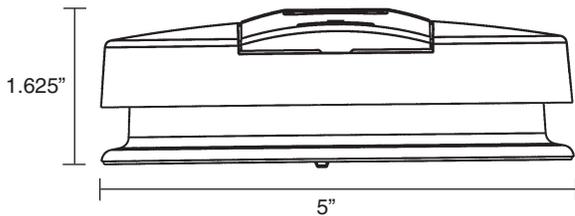
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FIREX® Smoke Alarm

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. $1.35 \pm 0.7\%/ft.$ 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 46182 shall meet the requirements of U.L. Standard 217.

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Technical Specifications

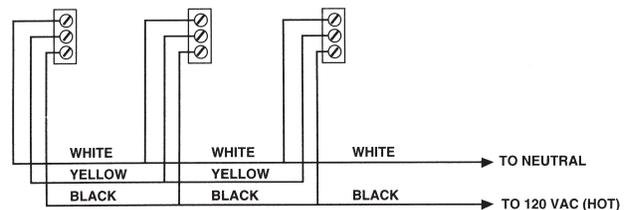
ITEM	46182
MODEL	FADC
PRODUCT WEIGHT	8 ounces
OPERATING TEMPERATURE	40° to 100°F
INTERCONNECT Qty	Up to 18 Firex devices maximum: 12 smoke alarm items 5000, 4618 and 46182 (model FADC), 4518 (model ADC), and 4480 (model PAD). Up to 6 heat, carbon monoxide or smoke and carbon monoxide combination alarms maximum; Firex carbon monoxide alarm item 10000 (model COE) and 6045 (model COQ8), Firex smoke and carbon monoxide combination alarm item 12000 (model FADCM) and 7000 (model FADCQ) or Firex heat alarm item 5700 (model ADH).
ELECTRICAL RATING	120V AC, 60HZ, 50mA max, 9 Volt Battery Back-up
ALARM POINT	obs. $1.35 \pm 0.7\%/ft.$
HORN OUTPUT	85 decibels at 10 feet
LISTING	46182 — 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 or heat alarm. Connect smoke or heat 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