Features

Moisture Resistant — A conformal coating has been applied to the alarm electronics allowing it to be used in conditions where humidity and condensation can be an issue.

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

Front Loading Battery Door — Eliminates battery handling during installation and allows for safe and convenient battery replacement.

PowerLink™ Tab — Makes installation faster and easier, reducing callbacks due to battery failure. Simply pull tab, close door and press test button.

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

Visable Low Battery Indicator — Helps locate chirping unit.

9 Volt Battery Back-up (battery included) — Provides added protection in the event of a power failure

Ramp-Up Horn — Allows you to test the unit without the ear-piercing horn.
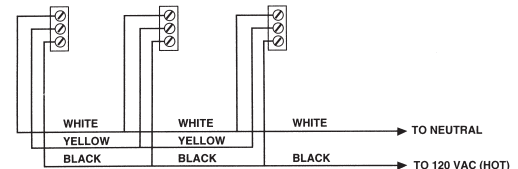
Architectural Specifications

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 46184 shall meet the requirements of U.L. Standard 217.

Description

The FireX® 46184 Smoke Alarm is an ionization 120V AC smoke alarm with battery back-up for single or multiple station use. It has a conformal coating which allows it to be used in conditions where humidity and condensation can be an issue. The 46184 includes a Quick Quiet™ False Alarm Control feature which allows the user to quiet an unwanted alarm for up to 15 minutes. The 46184 has a front loading battery door with PowerLink™ Tab, 85 decibel horn, ramp-up test horn, and multi-purpose LED indicators. The Latching LED feature clearly identifies the smoke alarm that initiated an alarm in an interconnected system with a flashing red LED.

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. Use #18 AWG minimum solid or stranded wire. When interconnecting, 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 heat or smoke 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.

WHITE	WHITE	WHITE	→ TO NEUTRAL
YELLOW	YELLOW		
BLACK	BLACK	BLACK	→ TO 120 VAC (HOT)

Technical Information

Item/Model	46184 / FADC
Product Weight	8 ounces
Operating Temp.	40° to 100°F
Interconnect Qty.	Up to 18 FireX devices maximum: 12 smoke alarm or smoke and carbon monoxide combination alarms, items 4418 (model AD), 4518 (model ADC), 4671 (model TCPI), 5000 and 4618 (model FADC), 4480 (model PAD), and FireX smoke and carbon monoxide combination alarm 12000 (model FADCM). Up to 6 heat or carbon monoxide alarms maximum; FireX heat alarm item 5700 (model ADH), FireX carbon monoxide alarm items 6045 (model COQ8) or 10000 (model COE).
Electrical Rating	120V AC, 60Hz, 50mA max, 9 Volt Battery Back-up
Alarm Point	1.35 +/- 0.7% / ft. obscuration
Horn Output	85 decibels at 10 feet
Listing	UL 217
Detection Type	Dual ionization chamber
Humidity Range	10% to 93% Relative Humidity

Shipping Specifications

Individual Carton Dim.	5-1/8" x 5-1/8" x 1-11/16"	13cm x 13cm x 4.3cm
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	5.9 kg
Pallet Quantity	1008	
Pallet Dimensions	48"L x 40"W x 46"H	122cm x 102cm x 117cm

SIGNALING

UL LISTED

5 Year Limited Warranty