



9V DC  
Battery Powered  
Ionization

# FIREX<sup>®</sup>

## Smoke Alarm

### DC Ionization

Items 461, 462, and 465 (C)

Canadian Model Availability Denoted by (C)

#### Features and Benefits

**Dual ionization smoke sensing chamber** – Early detection of fast burning fires such as gasoline, cooking grease and paper

**Installation design and features similar to other Firex smoke alarms** – Contractor familiarity with installation

**Lighted Power/Alarm LED** – Confirms unit is receiving power (except item 461)

**Incorporates Firex installer-focused innovations** – Fastest and easiest installation available

**Factory sealed housing** – Prevents tampering and provides outstanding durability

**False Alarm Control™** (Item 465 only) – Quiets unwanted alarms for up to 15 minutes

#### Description

The Firex 461, 462, and 465 smoke alarms are ionization 9V battery powered smoke alarms. These units have an 85 decibel horn, test switch, low battery signal, and a lighted power/alarm LED indicator (except 461); the LED flashes once per minute indicating it is receiving power. When in alarm, the LED flashes rapidly once per second.

- 461** Basic Protection
- 462** Blinking LED power-on indicator
- 465** False Alarm Control™ to quiet unwanted alarms

These Firex smoke alarms should be placed in single-family households or in each individual living unit of multiple-family buildings. All smoke alarms should be replaced every 10 years.

#### Why Install Firex DC Ionization Smoke Alarms?

Firex DC ionization smoke alarms provide contractors and homeowners with the reliable and trouble-free performance they expect from Firex... the market leader in fire safety products. With installer-focused innovations such as "positive snap" battery connection to ensure proper battery installation, separate mounting bracket, and battery "lockout" to prevent detector from being mounted without a battery, Firex DC ionization smoke alarms have earned their reputation as the most preferred smoke alarms among contractors.



An ISO 9002 Certified Company



**5** Year  
Limited  
Warranty

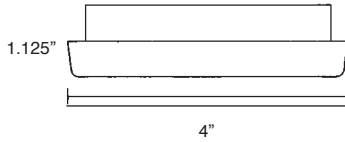
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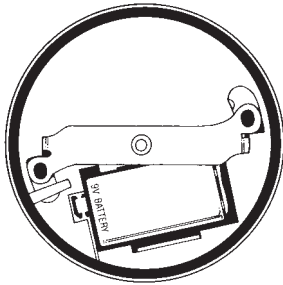
## Smoke Alarm

### Side View



### Mounting Bracket

461, 462, 465(C)



### Technical Specifications

ITEMS/MODELS	461/A, 462/B, 465(C)/C
PRODUCT WEIGHT	4.4 ounces
OPERATING TEMPERATURE	40° to 100°F      4° to 38°C
ELECTRICAL RATING	9V DC Battery Powered
ALARM POINT	obs. 1.1 ± 0.47%/ft.
HORN OUTPUT	85 decibels at 10 feet
LISTING	UL 217 and ULC S531
DETECTION TYPE	Dual Ionization Chamber
HUMIDITY RANGE	10% to 93% Relative Humidity

### Shipping Specifications

	<b>461, 462, 465, 465C</b>
Ind Ctn. Dim.	4-1/8" x 4-1/8" x 1-1/2" 10.5cm x 10.5cm x 3.8cm
Master Ctn. Qty.	12
Master Ctn. Dim.	9-3/8" x 8-3/4" x 4-7/8" 23.8cm x 22.2cm x 12.4cm
Master Ctn. Wt.	3.6 lbs / 1.6 kg
Pallet Qty.	2160
Pallet Dim.	48"L x 40"W x 48"D 122cm x 102cm x 122cm

### Architectural Specifications

The smoke alarm shall be a Styleline design™ (1-1/8" high, 4" wide), powered by a 9 V DC, battery power source and a dual ionization sensing chamber and sealed housing with a separate metal mounting bracket. Item 465 shall have a False Alarm Control™ feature which desensitizes the alarm for 15 minutes. The alarm shall produce two short chirps approximately 2 seconds apart at the conclusion of the desensitized period. Nominal sensitivity shall be measured by U.L. at obs. 1.1 ± 0.47%/ft. and by U.L.C. at 1.1%. 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 7-10 V DC. A power-on indicator shall be a built-in light emitting diode which "blinks" once per minute in the standby condition (except item 461) and for item 465 "blinks" once every 10 seconds in the desensitized condition. A 30 day low battery signal shall be included for added safety. 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 461, 462, and 465 shall meet the requirements of U.L. Standard 217 and the 465(C) shall meet the requirements of U.L.C. Standard S531.

### invensys.

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