



120V AC  
Direct Wire  
with Battery  
Back-up

Item 5700

### 5700 Features and Benefits

Heat alarms are sensitive only to a fixed temperature — *Less nuisance alarms due to contamination, dust and insects*

Installation design and features similar to other Firex® Smoke Alarms — *Contractor familiarity with installation*

Interconnects with other Firex Smoke Alarms, CO Alarms, Smoke/CO Alarms, and Heat Alarms — *Compatible with contractor preferred Firex products*

Large, easy to use push-to-test button — *Quickly locate and access test button to test all alarm functions once installation is complete*

LED — *Green "power-on" LED confirms constant AC power and red LED displays alarm/battery status*

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

9 Volt battery back-up (included) — *Provides extra protection during power outages*

Attractive, low-profile design — *Our contemporary StyleLine design™ is a favorite among consumers*

# FIREX®

## Heat Alarm

### Description

The Firex® 5700 Heat Alarm offers contractors the same reliability and quality they have long depended on from the leader in fire safety technology. The Firex Heat Alarm, Model 5700, is a fixed temperature unit that detects heat at 135°F (57°C) or greater. It relies on a thermistor that is sensitive only to temperature. When the temperature reaches 135°F (57°C) or greater, the alarm is triggered. The 5700 requires 120V AC power and includes a 9V battery back-up for added protection in the event of a power failure. The 5700 heat alarm is interconnectable with other AC/DC Firex heat alarms, smoke alarms, smoke/co combo alarms, and carbon monoxide alarms. Up to 11 other smoke alarms and smoke/co combo alarms can be interconnected, and 6 Firex heat alarms and carbon monoxide alarms for a total of not more than 18 devices. Contractors have been installing the best selling Firex smoke alarms for over 20 years and will appreciate the design similarities when installing Firex heat alarms. Both products utilize a Quick Connect wire harness, an optional tamper-resist feature and a unique power connector that prevents interconnection with incompatible heat alarms, smoke alarms or security systems.

### Why Install a Firex Heat Alarm?

Some environments can trigger nuisance alarms in conventional smoke alarms due to shifts in temperature and humidity as well as dust, fumes and insects. Heat alarms are intended for use in the locations listed below because they are virtually unaffected by these adverse conditions:

- Kitchens
- Unfinished Attics
- Basements
- Garages
- Boiler Rooms
- Other areas where high levels of dust and fumes are present

**Heat alarms should always be interconnected with smoke alarms to provide early warning when fire is present.**



**5** Year  
Limited  
Warranty

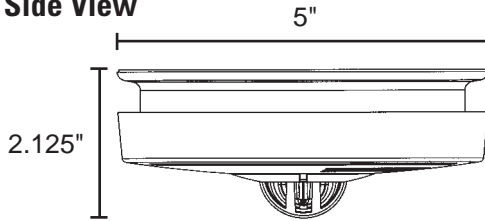
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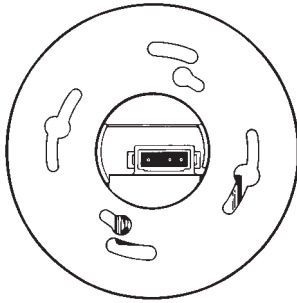
# FIREX<sup>®</sup>

## Heat Alarm

### Side View



### Mounting Bracket



### Architectural Specifications

The heat alarm shall be a StyleLine design™ (2-1/8" high, 5" diameter), powered by 120V AC, 60Hz source with a 9-volt battery back-up. The alarm shall have a fixed temperature sensor set to alarm at nominal 135°F (57°C). The alarm shall be rated at no greater than .05W in standby. Operating temperature range shall be between -10°F and 158°F; 10%-93% relative humidity; 100% solid state circuits over an input range of 100-130V AC. A green continuous power on indicator shall be a built-in light emitting diode (LED) in the standby condition; a second red blinking LED shall indicate that a sufficient 9-volt battery back-up is present; when activated; the initiating alarm red LED shall flash while the interconnected alarms remain extinguished. The test switch shall activate the alarm function by electronically simulating a temperature greater than 135°. 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 Quick Connect molded harness, pigtail wiring and separate mounting bracket. It shall meet the requirements of U.L. Standard 539 and 217.

### Technical Specifications

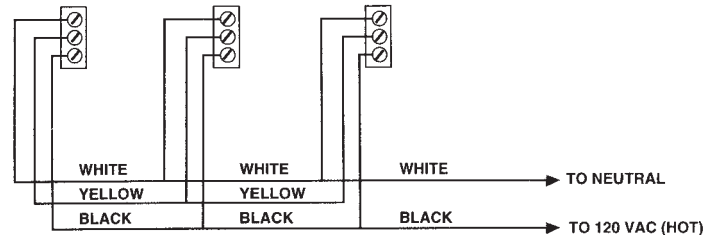
<b>Item</b>	5700
<b>Model</b>	ADH
<b>Product Weight</b>	8.6 ounces
<b>Operating Temperature</b>	-10°F to 158°F (-23°C to 70°C)
<b>Interconnect Qty</b>	Up to 18 Firex devices maximum: 12 smoke alarm items 5000, 4618 and 46182 (model FADC), 4518 (model ADC) and 4480 (model PAD). Up to 6 heat, carbon monoxide or smoke and carbon monoxide combination alarms maximum; Firex carbon monoxide alarm item 6045 (model COQ8), Firex smoke and carbon monoxide combination alarm item 7000 (model FADCQ) or Firex heat alarm item 5700 (model ADH).
<b>Electrical Rating</b>	120V AC, 60HZ, 50mA max, 9 Volt Battery Back-up
<b>Alarm Point</b>	135°F (57°C) fixed temperature triggers alarm
<b>Horn Output</b>	85 decibels at 10 feet
<b>Listing</b>	U.L. 539 and 217
<b>U.L. Recommended Coverage</b>	2500 square feet
<b>U.L. Recommended Spacing</b>	50 feet
<b>U.L. Recommended Maximum Distance from Wall</b>	25 feet

### Installation of Heat Alarm

This heat 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 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	5-1/4" x 2-11/16" x 5-1/4"
Master Carton Quantity	10
Master Carton Dimensions	15-3/4" x 11-1/4" x 6"
Master Carton Weight	7.62 lbs.



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