

# FIREX®



## PRODUCT

# KF30

## Mains Heat Alarm

### DESCRIPTION

Mains-powered heat alarm that can be interlinked with up to 23 other Kidde mains alarms, be they ionisation, optical or heat. Once interlinked, the detection of the relevant danger by an individual unit will sound across all the connected alarms.

### KEY FEATURES



- **Interlink with up to 23 Firex hard-wired alarms** – all alarms sound if danger is detected
- **Alarm memory** – identifies source unit within interconnecting network
- **Reduced energy consumption** – lower lifetime running costs
- **Combined Test/Hush™ button** allows regular testing of alarm function and can be used to temporarily silence nuisance alarms
- **Auto reset** after activation
- **Tamper-resistant locking device** – prevents unauthorised removal without the use of a tool
- **Mains operation** – 9V Alkaline back-up battery supplied as standard

### WHERE TO USE

Mains-powered heat alarms can be used throughout the home in humid or dusty environments where an optical or ionisation smoke alarm is unsuitable, e.g. kitchens, loft spaces and garages. The Firex range requires installation by a professionally qualified electrician and complies with UK Building Regulations for new housing and associated standards (Grade D BS 5839, Part 6).

### GENERAL FEATURES

Model	<b>KF30</b>
Power Supply	<b>230V mains-powered with 9V Alkaline battery back-up</b>
Temperature Range	<b>0°C to + 40°C</b>
Humidity Range	<b>Up to 93% Relative Humidity (RH) non-condensing</b>
Storage and Transport	<b>-20°C to +60°C and 5–95% relative humidity (RH) non-condensing</b>
Bracket Dimensions	<b>127 x 127 x 39mm</b>
Alarm Dimensions	<b>133 x 133 x 6mm</b>
Alarm Weight	<b>213g</b>
Warranty	<b>6 years</b>
Approvals	<b>BSI certified to BS5446 Part 2: 2003</b>
	<b>CE tested and certified</b>



BS5446 Part 2: 2003  
Licence no: KM503753

For more information or to contact Kidde Sales:  
**01753 766 392** **kiddesafetyeurope.co.uk**

**MAINS SMOKE ALARMS**  
SHEET 12 / 2015

PRODUCT

# KF30

## Mains Heat Alarm



POWER SOURCE

230V Mains

SENSOR TYPE

Thermistor (thermal resistor)

TECHNICAL SPECIFICATION

<b>Sensor</b>	Thermistor (Thermal Resistor) within detection unit
<b>Button Test</b>	Simulates the effect of heat at the sensor, checks electronics and sounder
<b>Automatic Self-test</b>	Circuitry is tested and unit beeps (chirps) if fault is detected
<b>Supply Voltage</b>	230V AC, 50 Hz (nominal UK voltage)
<b>Power Consumption</b>	< 15mA
<b>Connection</b>	Push-in/snap-fit type connector with 150mm long flying leads (supplied)
<b>Battery Back-up</b>	User replaceable alkaline 9V battery (522/6LR61)
<b>Power-on Indicator</b>	Continuous green LED
<b>Alarm Sounder</b>	Electronic piezo-electric sounder (T3 pattern sound - three pulses - space - three pulses) with soldered contacts
<b>Sound Output</b>	85dB (A) minimum at 3 metres
<b>Alarm Frequency</b>	3.2 kHz typical
<b>Alarm Status</b>	Red LED flashes approx once every five minutes = normal operation Red LED flashes once a second = sensing heat in excess of 58°C (sounder alarm sounds)
<b>Interconnection</b>	Up to 24 Firex and Kidde <b>'Slick'</b> units (smoke, heat and CO) can be hardwire interconnected with optional control (see below)
<b>Optional Controls</b>	Wired Remote Test and Hush Unit (REMTH) allows test and hush of interlinked units
<b>Optional Pattresses</b>	SMK23RU also has integral switchable relay for operating remote devices SMK4896 – Surface mounting base for added ease of installation
<b>Fixing</b>	Mounting bracket ring supplied with two 'T' slot fitting option 57mm spacing to a maximum of 90mm for standard screw fittings on back boxes Bracket has 50mm diameter central access hole for cabling
<b>Plastics used</b>	NORYL – Cover, main body and mounting bracket
<b>Lead-Free Status</b>	All Firex alarms are lead-free

PACKAGED SPECIFICATION

	<b>BOX</b>
Order Code	<b>KF30</b>
Pack Dimensions	<b>135 x 135 x 68mm</b>
Pack Weight	<b>300g</b>
UPC Barcode	<b>0-047871-259748</b>
Case Quantity	<b>6</b>
Case Dimensions	<b>140 x 415 x 145mm</b>
Case Weight	<b>1.9Kg</b>
ITF Outer Code	<b>100-47871-259745</b>

