3SFW
Heat Alarm with wireless capability

**KEY FEATURES**

- **Unique fast-fit system** with separate base plate, for ease of fitting and maintenance
- **Integral, double-decker screwless terminal block** for fast, push-fit connection
- **Auto reset** after activation with latching LED allowing the initiating alarm to be identified
- **Separate Test and Hush™ buttons** to test and temporarily silence nuisance alarms
- **Alkaline back-up battery** provides continuous operation in the event of mains failure
- **Interconnectable** with other Kidde mains smoke and heat alarms and Kidde mains CO alarms using 'Smart Interconnect' technology
- **Tamper-resistant locking device** – prevents unauthorised removal without the use of a tool
- **Wireless capability** – use with optional Wireless Alarm Base (RF-SFTP) for RF interlink function
- **Deep Base** – allows easier wiring

**WHERE TO USE**

This mains-powered unit 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 ‘Slick’ range requires installation by a professionally qualified electrician and complies with UK Building Regulations for new housing and associated standards (Grade D, BS5839, Part 6).

**GENERAL FEATURES**

<table>
<thead>
<tr>
<th><strong>Model</strong></th>
<th>3SFW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power Supply</strong></td>
<td>230V mains</td>
</tr>
<tr>
<td><strong>Temperature Range</strong></td>
<td>0°C to +40°C</td>
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<tr>
<td><strong>Humidity Range</strong></td>
<td>Up to 93% Relative Humidity (RH) non-condensing</td>
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<tr>
<td><strong>Storage and Transport</strong></td>
<td>-20°C to +60°C and 5–95% relative humidity (RH) non-condensing</td>
</tr>
<tr>
<td><strong>Alarm Dimensions</strong></td>
<td>135 x 135 x 70mm (including ‘Slick’ mounting base)</td>
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<td><strong>Alarm Weight</strong></td>
<td>274g</td>
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<td><strong>Warranty</strong></td>
<td>6 years</td>
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<tr>
<td><strong>Approvals</strong></td>
<td>BSI certified to BS5446 Part 2:2003</td>
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<td></td>
<td>CE tested and certified</td>
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<tr>
<td><strong>Associated Standard</strong></td>
<td>BS 5839 Part 6 Grade D</td>
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</table>
# Technical Specification

**Note:** Specifications are subject to variation by improvement and change.

## Power Source
- **230V mains**

## Sensor Type
- **Thermistor (thermal resistor)**

## Sensor
- **Type:** Thermistor (thermal resistor) within detection unit
- **Sensitivity:** Complies with BS 5446 Part2:2003, as a Class A2 device, alarms between 54°C and 70°C
- **Automatic Self-test:** Circuitry is tested every 40 seconds and unit beeps if fault is detected
- **Supply Voltage:** 230V AC, 50 Hz (nominal UK voltage)
- **Button Test:** Simulates the effect of heat at the sensor, checks electronics and sounder
- **Power Consumption:** Maximum 80mA
- **Battery Back-up:** User-replaceable alkaline 9V battery (MX1604)
- **Battery Monitoring:** Battery is monitored and unit emits a single chirp every 40 seconds if a fault is present
- **Low Battery Warning:** 30-day low battery indicator
- **Continuous green LED**
- **Power-on Indicator:** Electronic piezo-electric sounder (T3 pattern sound - three pulses - space - three pulses)
- **Alarm Sounder:** 85dB (A) minimum at 3 metres
- **Alarm Frequency:** 3.2 kHz typical
- **Interconnection:** Up to 24 units (smoke, heat and CO) can be hardwire interconnected using SMART® interconnect system with optional control (see below)
- **Optional Controls:** Wireless Base Remote Test and Hush Unit (KN-RTH-RF) when used with Wireless Base
- **Fixing:** ‘Slick’ mounting deep base as supplied
- **Base Cable Connect.:** Screwless Terminal Block with slot release feature for conductor

## Packaging Specification

### BOX
- **Order Code:** 3SFW
- **Pack Dimensions:** 142 x 142 x 82mm
- **Pack Weight:** 320g
- **UPC Barcode:** 00-25417-199994
- **Case Quantity:** 6
- **Case Dimensions:** 160 x 295 x 258mm
- **Case Weight:** 2.5kg
- **ITF Outer Code:** n/a

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**For more information or to contact Kidde Sales:**

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**Main Heat Alarms**

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