Kidde Fyrnetics

NEW *SLICK*® range

Developed specifically for social and private housing, Slick® is the only range of fast-fit rechargeable ionisation and optical smoke alarms, and heat alarms guaranteed for 10 years. All Slick® alarms are BSi Kitemarked to reinforce the consistent quality provided by the world's largest manufacturer.

230V Mains Fast-Fit Ionisation Smoke Alarms

1SFWR – with the latest Rechargeable Polymer Lithium cell back-up and full 10-year guarantee.

1SFW – with Duracell loose alkaline battery back-up and 6-year guarantee.

Key Features

• 'Wireless Capability' enabling use with Kidde Fyrnetics new Wireless Alarm Base (Model: **RF-SFTP**), for wire-free interconnection.

• Compatible with Kidde Fyrnetics new Remote Test & Hush switch (Model: **KN-RTH-RF**) via the Wireless Alarm Base.

• Integral, double-decker screwless terminal block for fast, push-fit connection.

• Unique fast-fit system with separate base plate, enabling fitting after construction and removal for maintenance.

• Auto resets after activation with latching LED allowing the initiating alarm to be identified.

• Separate Hush & Test buttons for ease of use.

• Green & Red LED's to indicate alarm status.

• Interlinkable with Slick® or Firex hard-wired smoke & heat alarms.

• Can be added to existing Slick® or Firex installations.

• Interlinkable with Kidde hard-wired CO alarms using 'Smart Interconnect' technology.

• Up to 6 months continuous operation from back-up cells, in the event of mains failure.

• 30 days low battery warning indicator.

Lic No: KM524754
BS EN 14604: 2005

Applications

Both models are mains powered (for professional installation) with back-up power, complying with current minimum requirements of the relevant Building Regulations for new housing, i.e. Grade D (BS5839, Part 6).

Ionisation Smoke Alarms are for use where a fast flaming fire (for example, electrical equipment igniting) is more likely to be a hazard than a slow, smouldering one, such as dining and living rooms. They are more prone to nuisance alarms from cooking particles and steam near kitchens. They contain a very small amount of Americium 241 radioactive material, which may be a consideration for storage and disposal.

wireless capability

Models 1SFWR and 1SFW

230V Mains Fast-Fit Ionisation Smoke Alarms

Technical Specification

Sensor	Ionisation, metallic chamber with 24 number slot entry inlet portals
Sensitivity	Complies with BS EN 14604: 2005
Source	Americium 241 (0.9 microcurie)
Button Test	Simulates the effect of smoke within the sensing chamber, checks electronics and sounder
Automatic Self-Test	Circuitry is tested every 40 seconds and unit beeps if fault is detected
Supply Voltage	230V AC, 50Hz (nominal UK Voltage)
Power Consumption	Maximum 80mA
Battery back-up	In-built Lithium Polymer rechargeable Battery (Model 1SFWR) User-replaceable Alkaline Battery 9 Volt MX1604 (Model 1SFW)
Battery Monitoring	Battery is monitored and unit emits a single chirp beep every 40 seconds if a fault is present
Power-On Indicator	Continuous green LED
Alarm	Electronic Piezoelectric sounder, (providing sound – three pulses; space; three pulses – in alarm state)
Alarm Sound Output	85dB (A) (minimum) at 3m
Alarm Frequency	3.2 kHz typical
Alarm Status	Red LED flashes rapidly indicating unit sensing fire event, rate typically onceevery two/three seconds
	Red LED double flashes every 30 seconds to indicate the unit is the triggering unit (LED latches until test button pressed)
	Red LED flashes once every ten seconds to indicate in hush condition, auto reset after seven minutes
Normal Operating Temperature Range	0 to 40°C
Humidity Range	Up to 93% Relative Humidity (RH)
Interconnect	Up to 24 of these units can be interconnected: - 1 SFW, 1SFWR, 2SFW, 2SFWR smoke alarms - 3SFW, 3SFWR heat alarms - 423/9HIR, 423D/9HIR CO alarm (hard-wire, non-Slick® base) - relay base
Interconnect Options	Wireless Compatible Using appropriate Wireless Base - Connectable via Wireless Base Model RF-SFTP (up to 15 units) - Connectable as hardwire with 'SMART® interconnect system (up to 24 units as 'interconnect' detail above). See user manuals downloadable from **www.smoke-alarms.co.uk** Use with optional control (see below)
Optional Controls	With the KN-RTH-RF Wireless Base Remote Test and Hush Unit, when used with the RF-SFTP Wireless alarm base
Fixing	Slick mounting base as supplied (deep base)
Base Cable Connections	Screwless Terminal Block with slot release feature for conductors
Dimensions	135mm diameter x 60mm depth (with Slick® mounting base)
Guarantee	10-years including the battery back-up (Model 1SFWR) 6-years excluding battery (Model 1SFW)
Approvals	Kitemarked to BSEN 14604:2005 (License no. KM524754) and CE tested and certified
Associated Standards	BS 5839 Part 6 Grade D

Slick-RF-5S/Inp611