



OPTICAL SMOKE ALARM

MAINS-POWERED | MODEL FIREX KF21

INTERLINKS WITH UP TO 23 KIDDE OR FIREX HARD-WIRED ALARMS; ALL UNITS SOUND WHEN DANGER IS DETECTED



Images are representative only. Actual product may vary slightly.

Overview & Key Features

This Kidde mains-powered optical smoke alarm delivers reliable detection with the Quick-Fit Slide-On Base for fast installation. Its flared base allows a neat retrofit, and integrated cable management keeps wiring secure and organised.

- Alarm memory identifies which unit was triggered
- Dust compensation and insect screen minimise false alarms
- Test / Hush button for easy testing and temporary silencing of nuisance alarms
- Automatic reset after activation
- Tamper-resistant locking device prevents unauthorised removal
- Access for mini trunking where surface wiring is required
- Mains-powered with included 9V backup battery
- Grade D2
- 10-year manufacturer's warranty

Weights and Dimensions

Alarm Dimensions (including base):	150mm x 53mm
Alarm Weight (including battery):	295g
Case Quantity:	6 units

Certifications/Approvals

BS EN14604:2005+AC:2008



KM 738872
EN 14604:2005+AC:2008

Warranty

10-year manufacturer's warranty

Technical Specifications

Sensor Type:	Optical
Primary Power Supply:	230V AC, 50Hz with 9V alkaline battery back-up
Mounting Options:	Ceiling or wall mounting
Operating Temperature Range:	-10 °C to 40 °C
Humidity Range:	Up to 93% RH (non-condensing)
Storage and Transport:	-20 °C to 60 °C, 5% to 95% RH (non-condensing)
Button Test:	Simulates the effect of smoke within the sensing chamber, checks electronics and sounder
Connection:	Wired Quick-Fit Installation Base – no need for a separate pattress
Alarm Sounder:	Piezoelectric sounder (T3 pattern sound: three pulses - space - three pulses), soldered contacts
Sound Output:	85dB (A) minimum at 3 metres
Alarm Frequency:	3.2 kHz typical
Interconnection:	Up to 24 Kidde and FIREX units (smoke, heat and CO) can be hardwired interconnected
Fixing:	Quick-Fit base features multiple fixing positions, including two 'T' slots with 57mm to 90mm screw spacing