



OPTICAL SMOKE ALARM

MAINS-POWERED | MODEL FIREX KF20



**INTERLINKED ALARM WILL SOUND
ACROSS ALL CONNECTED ALARMS IF
RELEVANT DANGER IS DETECTED**

Overview & Key Features

Mains-powered optical smoke 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.

- Interlink with up to 23 Firex hard-wired alarms – all alarms sound if danger is detected
- Alarm memory identifies source unit within interconnecting network
- Dust compensation and bug screen reduces nuisance alarms
- 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 with 9V alkaline back-up battery supplied as standard
- 6-year manufacturer's warranty

Technical Specifications

General

Sensor Type:	Optical
Primary Power Supply:	230V mains-powered with 9V alkaline battery back-up
Sound Output Level	85dB (A) at 3 metres
Mounting Options	Ceiling or wall mounting recommended
Operating Temperature Range:	0°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)

Technical

Sensor:	Optical
Button Test:	Simulates the effect of smoke within the sensing chamber, checks electronics and sounder
Automatic Self-test:	Circuitry is tested and unit beeps (chirps) if fault is detected
Supply Voltage:	230V AC, 50 Hz (nominal UK voltage)
Power Consumption:	< 15mA
Connection:	Push-in/snap-fit type connector with 150mm long flying leads (supplied)
Battery Back-up:	User-replaceable alkaline 9V battery (522/6LR61)
Power-on Indicator:	Continuous green LED
Alarm Sounder:	Electronic piezo-electric 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
Dust Protection:	In-built foam gasket in rear of alarm to prevent dust ingress into rear of the alarm