

International Safety Technology Limited

APPLICATION:

The SA10YRUKN smoke alarm features the most advanced lithium power technology giving a battery operated smoke detector that will detect smoke continuously for 10 years.

It is a cost-effective solution, particularly suitable for situations where private landlords, RSLs (Registered Social Landlords) or Housing Associations are responsible for their tenants fire safety.

The SA10YRUKN is designed specifically for existing residential and institutional applications including houses, flats and bed-sits.

It is completely tamper-proof. The lithium cells are an integral part of the circuit board and so cannot be removed, alleviating the many problems associated with battery removal or failure – the most common cause of fire incidents.

In case of an unwanted alarm the SA10YRUKN features a silencer button that will automatically reset and quieten the unit while occupants respond.

The SA10YRUKN is designed to give reliable early warning of fire by providing an 85dB alarm when the unit senses smoke. The unit will operate continually for 10 years and only then will an audible 28-day low battery warning sound to indicate the unit requires replacing.

SA10YRUKN

10-YEAR LITHIUM POWER BATTERY OPERATED SMOKE ALARM



TECHNICAL SPECIFICATION:

- > Operating Voltage: 9V DC
- > Operating ambient temperature: 4°C to 38°C
- > Operating humidity: 10% - 90% relative humidity
- > Alarm rating: 85dB at 3m (solid state piezo)
- > Alarm silence: Automatic reset when smoke clears (up to 15 minutes)
- > Test Facility: Full circuit, horn, battery and alarm test
- > LED indicators: Power flashes once per minute – RED
Alarm flashes continuously – RED
- > Dimensions: 45mm deep, 140mm diameter
- > Weight: 284 grams
- > Master Pack: 3 units

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SA10YRUKN
10-YEAR LITHIUM POWER BATTERY OPERATED SMOKE ALARM

**DESIGN AND INSTALLATION:**

The SA10YRUKN is designed to offer continuous fire warning protection for large numbers of dwellings. It is fast and easy to install, the mounting bracket is simply attached to ceilings or walls (fixings included in pack). The unit is shipped with the lithium cell deactivated. To energise the unit the activation post on the reverse of the unit is turned. The activation post also prevents the unit from being installed before fully operational.

The ionisation sensing technology provides the most effective method of detecting fast flaming fires such as grease, oil and wastepaper bin fires. The alarm has been fully tested and certified to the latest British Standard BS5446 Pt1;2000 and carries a 10 year product and battery guarantee.

ARCHITECTURAL AND ENGINEERING SPECIFICATION:

The SA10YRUKN comprises the following features and functions:

- > A non-replaceable lithium power cell for 10 years life performance.
- > Tamper-proof design, lithium cells cannot be removed.
- > Fully screened sensing chamber to prevent ingress of dust and debris and therefore reduce unwanted alarms.
- > Visual LED (red) to show power and fully operational unit.
- > Manual full check test button – circuit, horn, battery, sensor.
- > A silence button to quieten and reset unwanted alarm.
- > Manufactured and tested to meet BS5446 Pt 1. 2000.
- > All units are CE tested and certified.
- > Unit capable of operating between 4°C and 38°C within a relative humidity of 10% and 90%.

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