

Battery Ionisation Smoke Alarm – Ei100C



- Battery powered with a 9V Alkaline battery
- Ionisation chamber sensor, best for fast flaming fires (e.g. clothing)
- Hard-wire interconnect up to 12 Alarms
- Built-in Test button
- Piezoelectric horn
- Battery removed indicator
- Low battery audible warning
- Kitemarked to BS EN 14604:2005
- 5 Year Guarantee

FIT IN:



Bedroom

PRODUCT DESCRIPTION

The Ei100C Ionisation Smoke Alarm operates on the principle that electrical current flowing between electrodes in the ionisation chamber is altered when smoke particles enter.

The ionisation alarm is sensitive to all domestic fire types but is especially sensitive to fast flaming fires. The Ei100C Ionisation Smoke Alarm is supplied with screw fixings and is simple to install.

The battery removed indicator is a very important safety feature of the alarm. If the battery has been removed, a pop up warning flag appears and it is not possible to replace the alarm cover until a new battery has been fitted.

The alarm is fitted with a 'Test' button to facilitate frequent testing of the alarm. The sounder will automatically stop sounding when smoke particles are no longer present in the chamber. This is useful in the case of nuisance alarms from cooking fumes etc.

When the battery is nearing its end of life, the alarm will emit a short beep every 40 seconds to indicate that the battery needs replacing.

The alarm may be hardwire interconnected with up to 12 other 9V battery powered Aico alarms provided they have the interconnect feature.

TECHNICAL SPECIFICATION

Sensor Type:	Ionisation
RA Source:	Americium-241
Supply Voltage:	9V battery
Horn:	Piezoelectric
Sound Level:	85 dB(A) at 3 metres
Temperature:	Operating - 0°C to 40°C Storage - 0°C to 35°C (in a dry area)
Humidity Range:	15% to 95% Relative Humidity
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn
Self Test:	Smoke chamber and battery is automatically tested every 40 seconds
Indicator Light:	Red flash every 40 seconds - Power
Plastic material:	HIP UL 94 HB Flame Retardant
Dimensions:	Product - 140mm x 120mm x 45mm Package - 145mm x 130mm x 50mm
Weight:	215g (including packaging)
Warranty:	5 year (limited) warranty
Approvals:	



Specifications are subject to change

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