EiB144e - Heat Alarm

BROOKS
Fire Products & Solutions

Mains Powered 230V~ Alkaline Battery Back-up

Key Features

- ▼ Fast acting thermistor for Class A1 Heat detection
- ▼ Hardwire interconnect
- ▼ Wireless Interconnect when fitted with EiB168RC
- ▼ Remote Test, Locate and Silence compatible
- ▼ Easi-fit base
- ▼ Easy to use large Test/Hush button
- ▼ Memory feature
- ▼ 5 year guarantee

Product Description

The EiB144e Heat Alarm is fitted with a fast acting Class A1 sensor to quickly sense heat build-up from fires. Powered by 230V AC with a 9V user replaceable Alkaline battery backup to ensure continuous operation (up to 3 years) in the event of mains failure.

The Alarm is supplied with the "Easi-fit" base to facilitate quick and simple installation, combined with easy detector head removal and replacement. The Easi-fit base automatically connects both mains power and battery as the detector head slides on.

The EiB144e can only be used as part of a fire detection system if interconnected with Brooks mains powered Smoke Alarms. It can be interconnected via hardwire or wirelessly. For a wireless system each Alarm must be fitted with an EiB168RC RadioLINK base to communicate with compatible RF devices.

The Alarm automatically monitors the battery every 40 seconds. If it is depleted it will give a short beep every 40 seconds.

The Test / Silence button allows the user to check the operation of the Alarm. The Silence function allows the Alarm / System to be silenced in case of a false / nuisance alarm, e.g. cooking fumes.

The memory feature allows an Alarm that has previously activated to be easily identified. This is indicated by 2 red led flashes every 40 seconds for 24 hours (after the event).

Technical Specification

Sensor Type:	Thermistor (trigger temperature 58°C ± 4°C)
Product Life:	10 Years
Supply Voltage:	230V AC, 50Hz
Power consumption:	0.75W max
Battery back-up:	Replaceable 9V alkaline battery back up
Sound Level:	85 dB(A) at 3m
Button Test:	Checks sensor, electronics and horn
Silence function:	Silences alarm for 10 minutes
Visual indicators:	Green LED : Power
	Red LED: Self-check, alarm, silence, memory & fault
Memory feature:	2 red flashes every 40s to indicate a previous alarm activation
Normal Operating and Storage Temperature Range:	
	-10°C to 40°C [1]
Normal Operating and Storage Humidity Range:	
	15 % to 95 % Relative Humidity (non-condensing)
Plastic material:	UL94VO flame retardant
Fixing:	Screw fixing and Easi-fit base supplied
Dimensions:	Product - 148mm x 61mm
	Package - 182mm x 68mm x 155mm
Weight:	320g (Pack + 48g)
Warranty:	5 year (limited) warranty
Approvals:	AS1603.3:2018

Manufactured to ISO 9001 quality standards
Specifications are subject to change

1. Temperature and Humidity conditions are for normal operation and storage. Units will function outside these ranges as required by the specific product Standards. Extended exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.