

Smoke Alarm & Heat Detector

Ei650 Smoke Alarm



Ei603TYC Heat Detector



At FALCON, we have the Ei650 Smoke Alarm and Ei603TYC Heat Detector.

Ei650 Smoke Detector

The Ei650 optical Smoke Alarm is fitted with a proprietary photoelectric sensor to quickly sense low energy smoke particles. This optical Alarm is sensitive to all domestic fire types but is especially sensitive to smouldering fires.

It is powered by a sealed 10-year Lithium battery that will last the entire product life in normal conditions of use.

The Ei650 is fitted with a large easy to use Test Button to facilitate frequent testing of the Alarm. The Test button can also be used to silence nuisance alarms, e.g. cooking fumes, for a 10-minute period.

The Ei650 self-checks its chamber sensor, battery voltage and internal circuitry every 40 seconds. Any fault condition found will be indicated by a combination of Red LED flashes and/or sound beeps.

The Ei650 features a high-performance optical chamber protected by a sealed mesh screen to reduce insect and dust contamination and EMC protection to reduce false alarms.

The Alarm has a twist on mounting base which has multiple fixing points so it can be easily installed. The alarm is not powered until it is twisted onto the mounting base, thus avoiding battery power consumption during storage and prior to installation.

Ei603TYC Heat Detector

The Ei603TYC is a Heat Alarm powered by a 10-year sealed Lithium battery and fitted with a class A1 sensor that will trigger an alarm when the temperature reaches $58^{\circ}\text{C} \pm 4^{\circ}\text{C}$. It will automatically reset and silence the alarm when the temperature drops below this limit.

The Alarm is supplied with an easy to fit twist-on base to facilitate quick and simple installation, combined with easy detector head removal and replacement.

Heat Alarms can only be used as part of a fire detection system i.e. interconnected with smoke Alarms situated along the escape routes. The Ei603TYC can be interconnected via hardwire and wirelessly with the addition of the RadioLINK module Ei600MRF (sold separately or included with the Ei603RF) to communicate with compatible Ei Alarms and accessories. Up to 12 devices can be interconnected.

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

The large Test button allows the user to check the operation of the Alarm. This will check the sounder, battery voltage and internal circuitry.

How to Use:

- Attach the base of the detector onto a ceiling.
- Attach the main body of the detector onto the base, twisting it to lock it.

Specifications:

Detector	Ei650 Smoke Alarm	Ei603TYC Heat Detector
Sensor Type	Photoelectric	Thermistor (Class A1 Detection - trigger temperature 58°C ± 4°C)
Product Life	10 Years	
Supply Voltage	3V Lithium Battery (non-replaceable)	10-year Lithium battery (non-replaceable)
Sound Level	85 dB(A) at 3m	85dB(A) at 3m (except in Test mode)
Button Test	Checks sensor, electronics, battery and horn	
Silence Function	Silences alarm for 10 minutes	-
Visual Indicators	Red LED: on power up, alarm, hush mode & fault	Red LED: Power, Self-Test & alarm
Insect Screen	Fine Mesh	-
Normal Operating & Storage Temperature Range:	-10°C to 40°C	
Normal Operating & Storage Humidity Range:	15% to 95% Relative Humidity	
Fixings	Screw fixings and mounting plate supplied	
Dimensions	Product - 115mm x 50mm Package - 150mm x 120mm x 56mm	Product: 115mm x 50mm Packaged: 120mm x 65mm x 150mm
Weight	185g (pack +50g)	Product only: 190gr Product + Packaging: 240gr

Approvals:

- Ei650 Smoke Alarm
 - BS EN 14604:2005 approved
 - Meets ISO 9001:2000 standards
- Ei603TYC Heat Detector
 - BS EN 5446-2:2003 approved
 - Meets ISO 9001:2000 Standards

For any enquiries feel free to contact us at enquiry@falconfire.com.sg or call us at 67574350.