

Smoke Alarm

9V Battery POWERED

Model Ei 605 Optical

- High sensitivity – responds to all standard fires
- Aesthetically pleasing, compact design
- Innovative and robust optical chamber design
- Low battery warning
- Large Easy to use Test/Hush button
- Hush Feature allows false alarm control
- Easy to fit twist-on base
- VdS approved to BS EN 14604:2005
- Manufactured in Ireland to ISO 9001:2000
- 5 year Guarantee



Product Description

The Ei605 is an Optical Smoke Alarm using the light scatter principle, giving a quick response to all standard fires. It runs on a 9V replaceable alkaline battery (supplied with the alarm)

The Ei605 has an innovative high performance optical chamber with integral fixed insect screen reducing the possibility of false alarms.

The Ei605 is easily installed and comes supplied with all necessary screw fixings.

The Ei605 has a large, easy to use, combined Test/Hush button enables full testing of the alarm and the ability to silence false alarms.

Operation

- The smoke detector will activate the built in sounder upon sensing smoke particles. It will automatically reset and silence the alarm when the smoke particles are no longer present in the chamber.
- The red indicating LED will flash once every 40 seconds to show that the alarm is powered and it has performed an automatic self-test.
- The built in sounder will provide a minimum sound output of 85dB at 3m.
- Pressing and holding the “Test/Hush” button will perform a self test and sound the horn – checking the chamber, electronics and horn.
- Momentarily pressing the “Test/Hush” button when an alarm is sounding will set the alarm into “HUSH” mode. This reduces the sensitivity for a period of 10 minutes, after which the alarm automatically resets – providing control over false alarms.
- The smoke detector will emit a beep every 40 seconds to indicate that the battery is near depletion and needs replacing.



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Technical Specification

Sensor:	Optical, uses light scatter from smoke particles	Alarm:	Piezoelectric-horn (built-in)
Sensitivity:	Complies with the requirements of BS EN 14604: 2005	Alarm Sound Output:	85dB (minimum) at 3m
Airspeed:	Essentially immune to the effect of airspeed.	Temperature Range:	0 to 40°C
Button Test:	Simulates the effect of smoke to check the chamber, electronics and horn.	Humidity Range:	15% to 95% Relative Humidity – non condensing
Hush:	Silences nuisance alarm. Automatically resets after approximately 10 minutes.	Fixing:	Screw fixings supplied
Supply Voltage:	9V battery	Dimensions:	115mm (diameter) x 45mm (height)
Power-On Indicator:	Red LED flashes through cover every 40 seconds	Weight:	200 grams
		Warranty:	5 year (limited) warranty
		Approvals:	VdS approved to BS EN14604:2005, CE approved, Manufactured to ISO 9001:2000 quality standards.

Specifications are subject to change

Installation & Placement



Alarms should be placed in accordance with the general guidelines shown in the diagram above. These recommendations are based on the problem of areas of “dead air” close to corners of rooms and apexes of ceilings, which could result in the prevention of smoke reaching the smoke detector

Please consult the Instruction Leaflet supplied with the Ei605 for detailed instructions as to how to correctly install and position the smoke detector

Important Precaution:

Do not install the actual smoke/heat alarm itself in new or renovated buildings until all work is completed (including floor coverings) and the building has been fully cleaned. (Excessive dust and debris from building work can contaminate the smoke chamber and cause problems, and it will also invalidate the guarantee). If it must be installed, cover it completely, particularly around the edges, with a dust cover (eg. a plastic bag), until all cleaning is finished..

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