

# Heat detector

## What is a heat detector?

The wireless heat detector is a telecare sensor that provides additional protection against the risk of fires by raising an alarm call to a Lifeline home unit or other compatible Tunstall telecare enabled systems when the temperature at the detector reaches 58°C.

It is particularly useful in rooms such as kitchens where traditional smoke detectors are advised not to be used as they are likely to cause false alarms.

It is supplied with the Easi-Fit base (patress) that allows very quick and simple installation of the heat detector.

## How does it work?

When activated, the heat detector emits a local audible tone to warn the user whilst also transmitting an alarm call to a Tunstall home unit via the dedicated European social alarm frequency. The Tunstall home unit will then raise a call to the monitoring centre or carer enabling the recipient to identify what type of telecare sensor initiated the call, allowing the most appropriate and immediate action to be taken.



## Why is it needed?

Fire poses one of the most serious threats to people at home and its effects are devastating. Every year fires in the home cause hundreds of deaths and damage thousands of homes. Homes equipped with smoke detectors continue to discover fires more rapidly than those without, and are associated with lower casualty rates and less damage. However, it is advised that smoke detectors should not be used in humid areas or in kitchens where smoke from everyday cooking may cause multiple false alarms. In these circumstances a heat detector provides the necessary protection whilst avoiding the false alarms.

The heat detector is also kitemarked to BS 5446-2: 2003, a standard that is referenced in building regulations.

## Who is it for?

The heat detector is for anyone who is at risk from fire within their own home.

## Features and benefits

- **Kitemarked** - the detector is kitemarked to the British Standard 5446 Part 2: 2003 referenced in building regulations
- **Hush button** - to help control nuisance false alarms the unit has a hush button that when pressed reduces the sensitivity of the detector for 10 minutes
- **Test button** - testing of the unit is very easy with a simple press of the test button raising a call via the connected Tunstall home unit
- **Long battery life** - both the detector battery and radio transmitter battery have expected life spans of 5 years
- **Low detector battery warning** - local warning to the user that the battery requires replacing
- **Auto low battery warning** - the radio transmitter battery will automatically raise a call to the monitoring centre when its battery is low

## Technical details

Weight:	291g
Dimensions:	145 x 78mm (W x D) (inc base)
Radio frequency:	869.2125MHz, compliant with European Social Alarm Frequency Band
Radio range:	Up to 50m in buildings
Power supply:	Detector - 9V Lithium (replaceable) Radio - 3V Lithium (non replaceable)
Battery life:	Detector – 5 years Radio Easi-Fit base - 5 years
Battery disposal:	Dispose in accordance with current legislation
Detector life:	10 years
Sensor:	Thermistor
<b>Environment</b>	
Temperature:	0°C to 40°C
Humidity:	15% to 95% Relative Humidity

## Standards

Approval:	BS5446-2: 2003
Radio:	ETSI EN 300 220-2 (2007) Class 1
CE Compliant	
Social alarm:	EN50134-1:2002, EN50134-2:1999 (trigger device), EN50134-3:2001
<b>Part number</b>	Heat detector 9000/81A* Easi-Fit base (pattress) 67005/78*

\*A heat detector and easi-fit base are required to connect the heat detector to a telecare system.

Our policy of continual development means that product specification and appearance may change without notice. Tunstall does not accept responsibility for any errors and omissions contained within this document.

© 2012 Tunstall Group Ltd.  
® TUNSTALL is a registered trademark.

Tunstall Healthcare (UK) Ltd,  
Whitley Lodge, Whitley,  
Yorkshire DN14 0HR

Tel: 01977 661234  
Fax: 01977 662570

Email: [enquiries@tunstall.com](mailto:enquiries@tunstall.com)  
tunstall.com



**Tunstall**