



# INNOHOME STOVE GUARD SGK 500



## **Innohome Stove Guard prevents cooker fires effectively, without interfering with cooking**

Innohome Stove Guard is a cooker safety device, that protects the area of homes most at risk of catching fire –the kitchen.

It also promotes independent living when using the cooker is risky due to old age, memory disorders, disability, or learning difficulties. Several homes for supported living withing the UK are currently testing the Stove Guard as a standard feature to improve kitchen safety.

## **Six safety features - cooker turned off in a hazardous situation**

The Stove Guard monitors the hob use and registers when the user is not present. If the cooker has been left on, the Intelligent Timer turns it off. The Stove Guard identifies a dangerously high temperature or steep temperature rise, and recognizes the alarm signals of fire, gas and carbon monoxide alarms. The Automatic Safety Lock 'locks' the cooker so that it cannot be turned on accidentally.

**inno home**  
*smart safety for your kitchen*

# INNOHOME STOVE GUARD SGK 500

## • Easy to use

Unique self-learning technology enables the Stove Guard to be used with only one push-button.

## • Trustworthy

The Stove Guard adjusts its sensitivity based on the users' cooking styles, allowing for improved alarm sensitivity and no interruptions to normal cooking. Automatic fault diagnosis constantly analyses the Stove Guard's function when the cooker is in use. The Intelligent Heat Sensor, attached underneath the cooker hood, signals an alarm if it is removed from its location.

## • Adaptable

The Stove Guard can be used with a good selection of additional devices, modifying the Stove Guard to the needs of special user groups such as persons with difficulties with hearing or sight, or persons with dementia. With the Intelligent Heat Sensor's optional colour covers, the kitchen style will not be compromised.

## • Very low energy use and long working life

The Intelligent Heat Sensor is powered with solar panels – there is no need for an external power source or changing batteries.

## • Proven technology

Research (eg. VTT and SINTEF) shows that the Stove Guard prevents cooker fires effectively, before the formation of toxic gases and before a fire is ignited.

## • Simple to install

The Intelligent Heat Sensor is attached underneath the cooker hood using magnets, without the need for any tools. It does not have any cables or external power source. An experienced electrician installs the Control Unit, connected to the cooker, in approx. 5 minutes.

## Innohome Stove Guard features:

- Identifies overheating in the early phases of a hazardous situation.
- Intelligent Overheating Monitoring. The Intelligent Heat Sensor detects abnormal situations such as a fast change in the cooker top temperature or a dangerously high temperature level.
- Alarm Signal Detection. The Stove Guard recognizes the fire, gas and carbon monoxide alarm signals.
- Intelligent Timer. The Intelligent Timer identifies a hob that has been left on by monitoring heat adjustments. Electricity/ gas supply is cut-off in 0.5 - 3 hours.
- Safety Lock. The Safety Lock ensures that the cooker is not turned on by a child or a pet.
- Intelligent Timer pre-alarm signals one minute before the electricity/gas cut-off – resetting gives more time.
- Automatic and manual alarm reset.
- Safety Lock operation using the Intelligent Heat Sensor push-button.
- Automatic fault diagnosis tests the functioning of the system every time the cooker is turned on.
- Intelligent Heat Sensor Dislocation Alarm – prevents cooker use if the Sensor has been removed.



Intelligent Heat Sensor uses multiple sensor technology



Wireless Intelligent Heat Sensor



Control Unit, connected to the cooker



INTELLIGENT  
FIRE PREVENTION



EXTRA LONG  
WARRANTY



AUTO COOKER  
SHUT DOWN



EXTRA LONG  
BATTERY LIFE

## INNOHOME STOVE GUARD SGK 500

Alarm signal 80 dB/100 cm | Silent alarm

Extremely low energy use (app. 1 W)

Sparkless electric switch

Alarm output (potential free, NO)

Radio 433 Mhz, X10 compatible

Voltage 230-400 VAC

1 - 3 phase, delta, star, with or without N

**Size:** Control Unit 130x 130 x 30 mm

Intelligent Heat Sensor 94x 40 x 30 mm

Halogen free and fire rated plastic, flammability rating V-0 (Intelligent Heat Sensor).

Patented FI 117526, FI 117878, patent pending.

Fulfils the upcoming EU standard EN 50615 requirements.