

## Technical Information



### Stove Alarm SA100

- Alarms when the stove has been forgotten on or the pot has boiled dry
- Can be attached to the fan with a magnet
- Suits all kinds of stoves
- Has only one reset button
- Listens and learns automatically from the environment
- Battery life is 10 years
- Warns when the battery is running out.
- Alarms at 90 dB/10 cm. It can be turned off with the offset button.
- Once the danger has passed, the alarm goes off automatically
- Optional Stove Guard detects the Stove Alarm and cuts off electricity

(Patent FI 117978, PCT pending)



In 2007, The President of the Finland Ms. Tarja Halonen awarded the National InnoFinland Prize to Innohome Ltd. because Innohome's technical expertise has answered the needs of ordinary people, and encouraged competitiveness in businesses in Finland in an inventive way.



**Brandsäkert hem®**

Innohome Ltd is the first foreign fire safety prevention manufacturer to which the Swedish Fire Prevention Association has awarded the right to use the Brandsäkert hem logo.

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# Protect Your Home From Stove Top Fire Easily and Inexpensively



## Innohome Stove Alarm

[www.innohome.com](http://www.innohome.com)

## The stove top is the number one cause of household fires

According to the National Fire Prevention Association (NFPA) and the U.S. Fire Administration (USFA)

- A kitchen fire occurs every 8 minutes
- Unattended cooking is responsible for 70% of these fires
- Cooking accounts for 42% of all apartment fires
- Cooking is the leading cause of fire on college campuses
- Seniors are the highest risk group
- Approximately 12.3 million cooking fires each year are unreported

### Breakthrough technology

“This marks the breakthrough of a brand new safety technology”

–VTT Technical Research Centre of Finland is a globally networked multitechnological contract research organization. VTT provides high-end technology solutions and innovation services.



Expert opinion of Jukka Hietaniemi, a Fire Safety Researcher from VTT (Technical Research Centre of Finland)

## Stove Alarm brings added safety to all stoves

According to research conducted by VTT Technical Research Centre of Finland, Stove Alarm recognizes a threat of a fire even before the traditional fire alarm goes off, or before the hotplate heats up too much, Safety plates equipped with traditional timers as well as automation and safety devices of induction plates provide insufficient fire safety. For example they can not prevent cooking oil fires which are the greatest cause of fires.

Stove Alarm goes off in 3 minutes or less, when you have forgotten the hotplate on or the pot has boiled dry.

### Additional safety with Innohome safety devices

“Innohome’s invention is a much needed concrete tool for preventing electric fire in order to reduce the number of fire-related deaths and damage.”

– Safety Technology Authority maintains and promotes the technical safety culture and reliability in order to protect people, property and the environment.

– Its task is divided into surveillance of the products on the market and the supervision of in-service plants, installations and technical services.

Expert opinion of Antti Nenonen, Senior Inspector at Safety Technology Authority



## Stove Alarm is easy to acquire and install

It is easy to install the product using magnetic attachment on the bottom side of the extractor fan or you can screw it on the wall. No wiring is required.

Stove Alarm is the first of its kind in the market. It does not give out faulty alarms caused by steam, cooking odors, or heat from opening of the oven door. Therefore it enhances safety of electrical and gas stoves as well as safety of induction stoves.

### Fire Inspector opinion

“When responding to a home fire two things comes to mind; saving of human lives and personal property. Most of the home fires are a result of human error or malfunctioning home appliances. It is my belief that if all homes were protected by fire preventing products many lives can be spared and property damage could be minimized”.

Expert opinion of Mika Mäkelä, a Fire Inspector from Espoo Fire Department.

