

# Cooker Guard Tristan



## What is Cooker Guard Tristan?

Tristan is our new wireless modern Cooker Guard, based on the successful Cooker Guard Martha. The Cooker Guard assists people that sometimes can have a tendency to forget to turn the electric cooker off.

Thousands of people suffering from dementia in an early stage, will have much benefit of Tristan in their home. Tristan makes the user feel safe, also when cooking food on the stove. Tristan will turn the stove off when the heat and time factors indicate that there is risk of a fire.

## Max safety – no change from normal behavior

When Tristan has been installed, the stove is used as normal. Important since it becomes more difficult to learn new routines with age.

## Newest technologies used

Tristan is using the latest intelligent heat sensors and continuously calculates the user's cooking patterns. This function makes Tristan more precise and secure than any other cooker guard on the market.

Tristan consists of two separate units, the control unit and the heat sensor. The control unit is mounted in-between the power outlet and the stove. It will cut off the power to the stove when needed. The heat sensor is mounted on the wall above the stove and is wirelessly connected to the control unit. There are two versions available, 1-phase and 3-phase. The 1-phase version can be installed directly in the power outlet and does not require an electrician.

The heat sensor secures that the temperature in the cooking zone will not be too hot during cooking. If the temp is too high, during a certain time period, the power is cut off.

## “Plug and play” App installation

Tristan is pre-configured from the supplier, so that it is ready to be used, when unpacked and mounted. The Heat Sensor is installed using a user friendly app, that allows you to enter the height between the stove and the sensor. This is important when calculating the heat. Furthermore, an IR eye on the heat sensor allows you to see the heat sources on the stove in the App, when the heat sensor is correctly mounted. The app is installed on a smartphone and communicates to the heat sensor over Bluetooth, ver. 4.0.

## Connection to alarm central

Tristan will also become available in a version that communicates with an alarm central, over a carephone. The Tx4 transmitter is integrated and will send the alarm over radio to carephone, when Tristan has cut off the power. This is to indicate for homecare staff and relatives that a potentially dangerous situation has occurred.

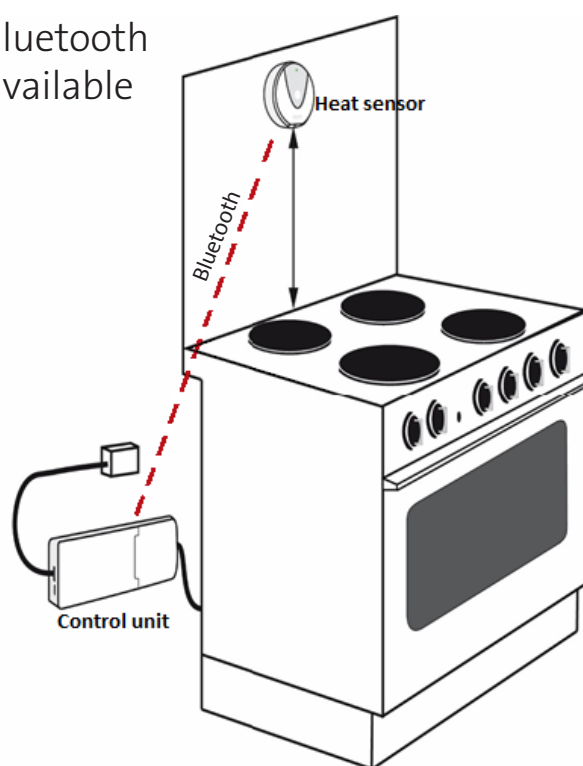
## Statistics over App

Statistic information on events in the past is available when connecting a smartphone to Tristan over Bluetooth. Then all incidents like power cut offs will be displayed, and how the cooker has been used and when.

# Unique selling points

## Tristan

- Gives sound warning if temperature becomes too high, and cuts off the power if the temperature continues to be too high.
- Reacts on combination of time and temperature with advanced algorithm
- Wireless between heat sensor and control unit – swift installation
- Prevents fires and accidents
- User friendly App configuration via Bluetooth
- Both 1-phase and 3-phase versions available
- Statistics available over the APP
- Normal stove usage



### Technical information

|                          |  |                                    |
|--------------------------|--|------------------------------------|
| Part number:             | F1717 (1-phase version), F1727 (3-phase version) |                                    |
|                          | <b>Control unit</b>                              | <b>Heat sensor</b>                 |
| Colour                   | White  | White                              |
| Dimensions               | 53*151*104 mm                                    | O-90 * 127                         |
| Material                 | Plastic (PC 940C SABIC)                          | Plastic (PC/ABS SABIC C6600)       |
| Weight                   | 1200 g   | 50 g excl batteries                |
| Battery                  | -  | 4 pcs AAA batteries                |
| Battery life-time        | -  | 1,3 year with 1 time per day usage |
| Fire dependency          | UL94 V-0   |                                    |
| Temperature usage        | 5 to 50 degrees C                                |                                    |
| Storage temperatures     | -25 to 70 degrees C                              |                                    |
| Relative airmoisture     | 8 to 90 %  |                                    |
| Max power                | 3*16 A   |                                    |
| Voltage                  | 230 V  |                                    |
| Phases                   | 1-3 N  |                                    |
| Frequency                | 50 Hz  |                                    |
| Communication            | Bluetooth 4.via Android App, min version 4.4     |                                    |
| <b>Safety standard:</b>  | <b>EMC standard:</b>                             |                                    |
| EN 50615:2015            | EN 301 489-1(V1.9.2)                             |                                    |
| EN 60355-1:2012+A11:2014 | EN 301 489-17(V2.2.1)                            |                                    |
| EN 62233:2008            | EN 60669-2-1(2004):A1:A12                        |                                    |
|                          | EN 55014-1(2006):A1:A2                           |                                    |
|                          | EN 550014-2(1997):A1:A2                          |                                    |

STT Condigi  
Box 9028  
200 39 Malmö  
Tel +46 40-625 25 00  
www.sttcondigi.com