"SMART non Thermostatic"
Electronic control for towel radiators

The SMART non Thermostatic is a small reliable heating control system available for towel radiators.

The device is safe and reliable thanks to a comprehensive internal protection of the heating element against overheating or dry run.

SMART non Thermostatic is available in two colours: white (RAL9016) and chrome.

A LED light ring informs the user when the heating element is being powered.

SMART non Thermostatic can be directly activated through a switch or it can be remote-controlled via a control unit that activates the heating element according to user needs.

The device is available with different sizes of electric resistances: 300W, 600W and 1000W.

By means of an internal sensor, the temperature of the towel radiator is maintained constant

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Technical characteristics

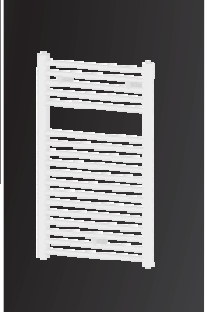| Product	Electronic control for towel radiators
Applications	Towel radiators
Insulation class	Class I
IP level	IP64
Maximum power	See table below
Supply voltage	230VAC 50Hz
Warranty	2 years
Certification mark	CE
Case	ABS-VO
Environmental directives	WEEE, RoHS
Electromagnetic compatibility	89/336/EEC
Status light indications	On/Off amber LED light ring indicator
Connection to mains	3 Cables (Neutral, Earth, Line)
Available colours	White (RAL 9016); Chrome.
Maximum temp. of the thermal fuse	152°C

Power	(W)	300	600	1000
Watt density	W/cm	3.2	3.6	3.7
Temperature Limit	°C	90	90	100
L(heating element)	(mm)	370	560	830

Notes for the use :
The device is controlled externally. It is necessary to insert a switch or a control unit between the heating element and the safety devices.

The manufacturer reserves the right to make any changes to the product aimed at improving the device described in this manual, at any time, and without prior warning.

Heating element

Thread for fastening on the radiator

Plastic cover

⌀28.5mm

45mm

Amber light ring for On/Off indication

Power cord

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Towelrads LTD.

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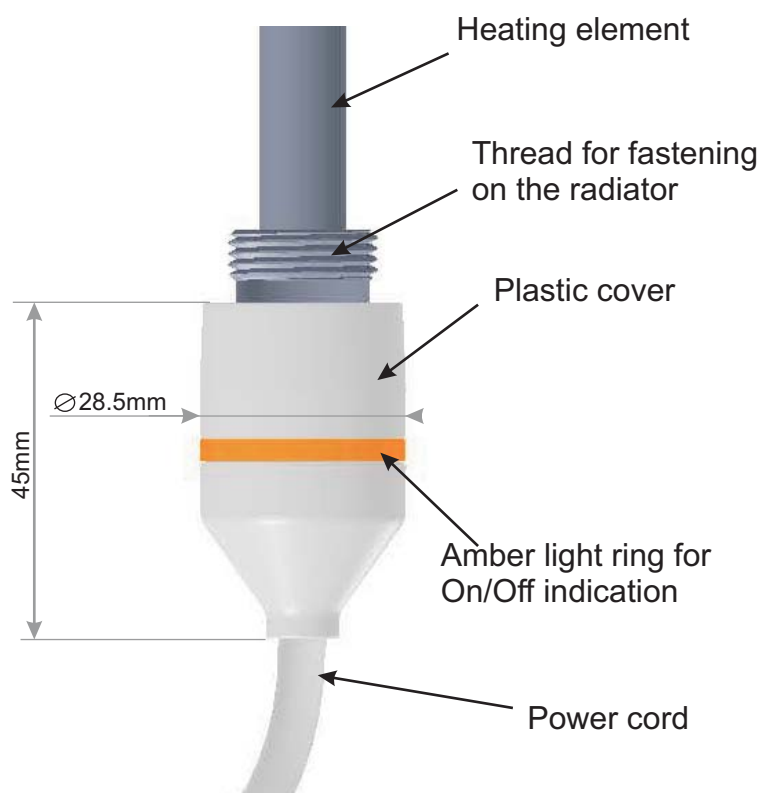
TOWELRADS

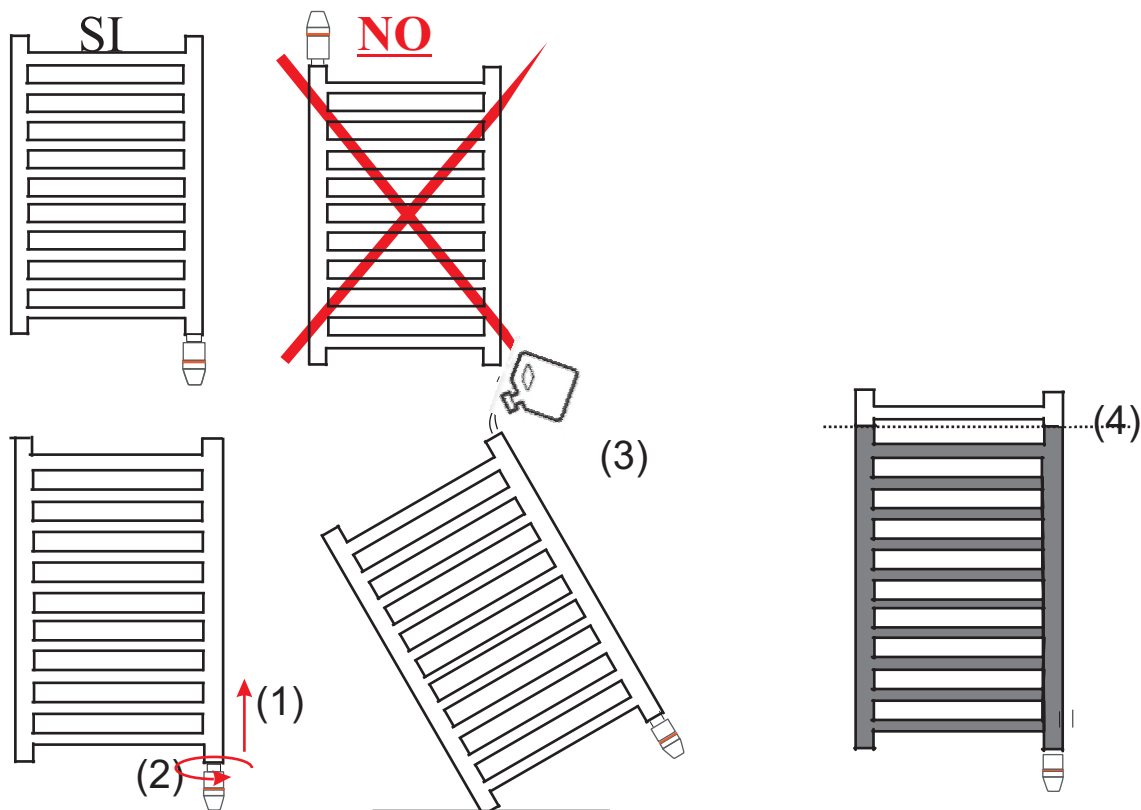# *"SMART non Thermostatic"*
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Installation Guide

To be used by installer

•Disconnect the device from power supply before proceeding with installation.
•Protect the device with a 30mA RCD circuit breaker.

1.Lower the plastic cover at the base of the heating element,insert the heating element in the threaded opening located on the bottom part of the radiator.
2.Securely fasten the electric resistance to the body of the towel radiator with a 22mm wrench.
3.Raise the plastic cover to cover the fixing area.
4.Tilt the radiator as in fig. 3, making sure that the opening on top of the radiator is located on the highest side. WARNING. Do not lean the radiator on the electronic control!
5.Put the radiator back in vertical position and check the internal level of the liquid (fig. 4).
6.Ensure a proper fastening of the heating element in the radiator.

SI

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Acessory

Accessory 1 : To allow a mixed usage of the SMART device, connect the T-piece to the towel radiator, insert the Pad device into the vertical manifold of the T-piece and connect the return line of the heating circuit to the orthogonal connector of the T-piece.

Available Colors: White, Chrome.

Accessory 2: Cable cover 90 °
The bottom cover provides an elegant solution for the electrical installation and increases the safety of products. The bottom cover is easily installed and is useful for the "SMART non thermostatic" with straight cable and no plug

Available Colors: White, Chrome.

DISPOSAL
This product may not be treated as ordinary household waste. It has to be disposed in proper waste collection sites. In case of replacement it shall be returned to Towelrads.
Such an end-of-life treatment of the product will preserve the environment and will reduce consumption of natural resources.
This symbol applied to the present product indicates the obligation to bring it to a proper waste collection site, in order to let it be disposed according to 2002/96 / CE (RAEE - WEEE) directives.

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