

# **INSTALLATION INSTRUCTIONS**

## **(FOR THE EXCLUSIVE USE OF THE PROFESSIONAL INSTALLER)**

### **Important Information**


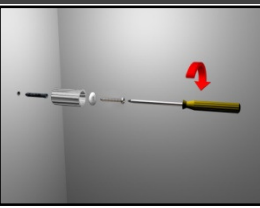
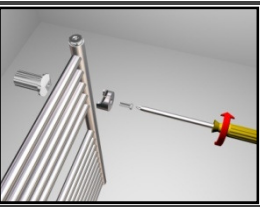
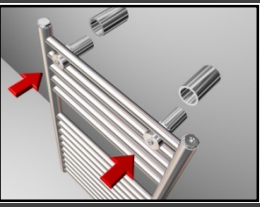


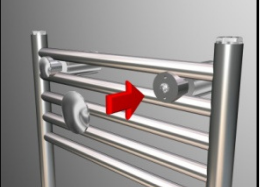
Installation should be carried out by a qualified professional or other fully competent person and should be installed in accordance with the relevant British and European Standards (BS5449:1990, BS7593:1992, EN12828:2003 & EN12831:2003)

PLEASE ENSURE THAT YOU WEAR ALL NECESSARY PERSONAL PROTECTIVE EQUIPMENT FOR YOUR SAFETY. Please check that all components are present and that you are ENTIRELY happy with the size, design and finish BEFORE starting installation.

#### **Pack Contents**

1 x Towel Warmer	4 x Bracket Stem	4 x Wall Screw
1 x Regulator Head	4 x Bracket Front	4 x Washer
1 x Allen key	4 x Bracket Cover	4 x Bracket Screw
4 x Bracket Base	4 x Wall Plug	4 x Mini Screw

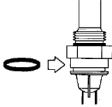
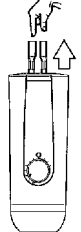
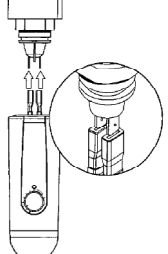
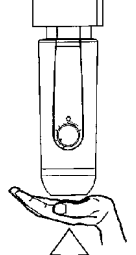
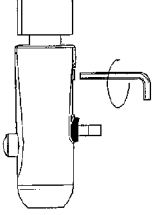
### **STAGE I. FITTING THE TOWEL RAIL ON TO THE WALL**

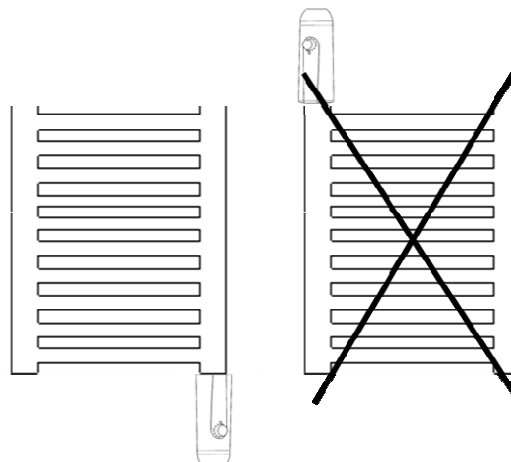
<p><b>STEP 1</b> Select your desired mounting position and check that the wall is sufficiently strong enough to hold the weight of the towel warmer filled with water. Mark your preferred bracket positions on the wall and drill holes as necessary for the fixings that you are using. The Wall Plugs supplied are only suitable for solid walls. Please note: If the wall is other than a solid construction other means of fixings will be required.</p>	
<p><b>STEP 2.</b> Screw the Bracket Base to the wall using the Wall Screws and Washers provided.</p>	
<p><b>STEP 3.</b> Loosely fit the Bracket Stems to the towel warmer with the Bracket Fronts and Bracket Screws.</p>	
<p><b>STEP 4.</b> Align the Bracket Stems with the Bracket Bases and push the towel warmer back into position.</p>	
<p><b>STEP 5.</b> Tighten the Bracket Screws with a screwdriver.</p>	
<p><b>STEP 6.</b> Insert the Mini Screws into the Bracket Bases and tighten with a screwdriver to lock bracket into position.</p>	
<p><b>STEP 7.</b> Push the Cover Caps into position on the Bracket Fronts.</p>	

## STAGE II. CONNECTING THE REGULATOR TO THE CARTRIDGE HEATER

**Always switch off the electricity supply at the mains during installation.**

The power supply to the towel dryer must be protected, in accordance with applicable standards, by a 30mA differential circuit-breaker, 16A rated. Before carrying out any connection tasks, cut off the power supply to the electronic regulator using the circuit breaker or the protection fuse in the power supply circuit.

<p><b>STEP 1.</b> Fit the 'O' ring (supplied) onto the cartridge heater (the resistance) to ensure that the latter fits snugly into the regulator.</p>	
<p><b>STEP 2.</b> Pull out the two or three (depending on versions) shunts from inside the housing.</p>	
<p><b>STEP 3.</b> Connect the three wire connectors from the housing onto the connections on the element on the rail. <b>IMPORTANT</b> Ensure the <b>YELLOW &amp; GREEN</b> earth wire from the housing is connected to the <b>YELLOW &amp; GREEN</b> earth wire on the element of the rail. The other two connectors can be fitted to the two connectors on the rail in any order.</p>	
<p><b>STEP 4.</b> Position wires inside the housing and then push the housing onto the base of the rail. Push housing firmly into position until the 'O' ring between the rail and the housing is compressed.</p>	
<p><b>STEP 5.</b> When you are confident that the housing is firmly attached to the rail lock it into position by tightening the blocking screw at the back of the housing with the allen key provided. (Tightening torque of 5 kgf. cm. maximum.)</p> <p><b>Please NOTE: (as per the illustrations below) that the heating element must always be located at the bottom of the rail. NEVER from the Top.</b></p>	
<p><b>Connecting the power supply cable to the mains (220V-240V AC)</b> 220 V~ - 240 V~ +10 % -10 % 50Hz monophase power supply. Connect the power supply cable to the mains: - Neutral ( = Blue wire ) - Phase ( = Brown wire ) - Ground( = Green and yellow wire) (if the product is Class I). <b>The wires must be connected</b> in an electrical connection box which complies with applicable standards. (The use of a plug to connect the equipment to a power socket is forbidden for all models except the models equipped by the producer -- example: model with schuko plug)</p>	



## WARNINGS

Keep this instruction sheet with care and read it carefully before using this device. You will so obtain the best performance with the highest safety.

- This control is designed only and exclusively for use in decorative radiators or firmly secured towel warmers, known as fixed appliances.
- Before use, please check that the voltage of the network and that of the appliance are the same (pls. see the technical label).
- It is essential that you only and exclusively fit it onto a heater specially conceived to work with a control thermostat, whose wattage must not exceed that recommended by the manufacturer of the radiator (pls. see the technical label).
- This control is not suitable for use in locations where this could cause a hazard (e.g. where infirm persons or young children will be present unsupervised).
- Always switch off the electricity supply at the mains during cleaning and maintenance.
- Electrical safety is guaranteed only if the thermostat is connected to a suitably earthed electricity supply, according to the regulations in force.
- In case of damage to the supply cord, switch off the device and do not tamper with it. Damaged supply cords can be rectified only and exclusively by the manufacturer or by an appointed representative. Failure to comply with the above may endanger the safety of the whole system.
- In case of overheating or working in abuse conditions, the internal circuit of the heater might get disconnected. The heater IS NO LONGER USABLE AND MUST BE REPLACED
- The wires must be connected in an electrical connection box which complies with applicable standards. (The use of a plug to connect the equipment to a power socket is forbidden for all models except the models equipped by the producer -- example: model with schuko plug)

## GENERAL CHARACTERISTICS

### Safety information

The whole system meets the current regulations on low voltage:

- CEE n.93/68 and CEE n.89/336 on EMC
- CEE EN 60335-1, 60335-2-30 and EN60335-2-43.
- Voltage when in use: 220V-240VAC +/-10% 50Hz.
- Maximum power of 1500W, resistive load.



- Power supply cable:  
Class II : 800 mm, 2 conductors.  
Class I : 1200 mm, 3 conductors.

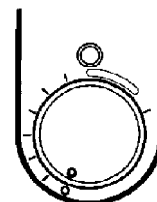
### Environment :

- Protection index IP44: the control box must be properly tightened and the joint must be fitted to achieve this protection index.
- Operating temperature: 0°C to +50°C.
- Desired temperature setting can be set anywhere between +5°C and +30°C approximately.
- Storage temperature: -20°C to +60°C.
- Class II after installation, under the responsibility of the integrator (all models except cl1 with earth wire green-yellow).
- On/off-type temperature regulation with hysteresis.
- NTC (negative temperature coefficient) electronic temperature sensor.
- Antifreeze of around +5°C.

## USE AND OPERATING INSTRUCTIONS

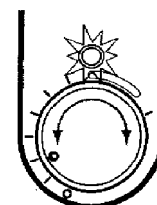
### 1 – Setting the temperature

- The desired temperature can be set by turning the dial.
- The temperature can be set at any value between 5°C and 30°C.  
The red light comes on: **the device has started heating**



### 2 – Antifreeze mode

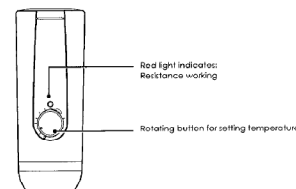
- This mode enables you to protect your home against the effects of cold weather by maintaining a minimum temperature of 5°C in it at all times.
- To activate Antifreeze mode, position the cursor opposite the circle. A «click» sound indicates the Antifreeze position.



### 3 – Light indicating the mode of thermostat

A pilot light enables you to see what mode the thermostat is in:

Mode	Appearance of light
Operating	Red light on (resistance on)



## DISPOSAL



This appliance is NOT an ordinary domestic refuse. It must be disposed of through the appropriate recollection centres to be recycled. In case of replacement it can be sent back to your distributor.

This handling of the product's end of life will allow us to preserve our environment and curb the consumption of natural resources. This symbol applied on the product, indicates the obligation to consign it to a special recollection centre to be disposed of in accordance with European Directive WEEE 2002/96/EC guideline.

The manufacturer reserves the right to modify the product without previous notice for technical or construction improvements.