

Electric Towel Radiator

**Approved to European Standards
(EN 60335-1 and EN60335-2-43)**

Instruction Manual

Please retain for future reference.

Important Information:

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE USING THE APPLIANCE.

- This product should only be operated by an adult, and care should be taken to ensure that young and venerable persons are not able to access, control or operate the item.

CAUTION — Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- WARNING: In order to avoid a hazard for very young children, this appliance should be installed so that the lowest heated rail is at least 600 mm above the floor.

- The heater must not be located immediately below a socket-outlet.

- Do not use this heater in the immediate surroundings of a bath, a shower or a

swimming pool.

- Means for disconnection having a contact separation in all poles must be incorporated in the fixed wiring in accordance with the wiring rules.
- This heater is filled with a precise quantity of special oil. Repairs requiring opening of the oil container are only to be made by the manufacturer or his service agent who should be contacted if there is an oil leak;
- When scrapping the heater, follow the regulations concerning the disposal of oil.
- Do not dispose of the heater in household waste and recycle the heater where local facilities exist for electrical goods and oil.

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 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 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:

- Low Voltage Directive 2006/95/EC, EMC Directive 2004/108/EC & RoHS directive 2011/65/EU
- EN 60335-1 and EN60335-2-43.

- Voltage when in use: 220-240VAC, 50Hz.

- Rated power: 250W for size 1100x500mm, resistive load.

150W for size 700x400mm, resistive load.

- Class I with earth wire green-yellow

Environment :

- Protection index IP24: 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.

- NTC (negative temperature coefficient) electronic temperature sensor.

- Antifreeze of around +5°C.

Contents List

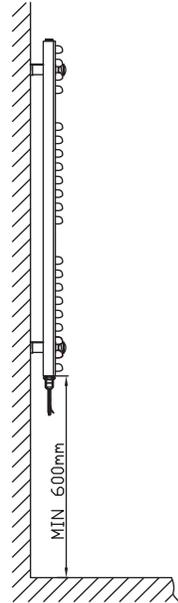
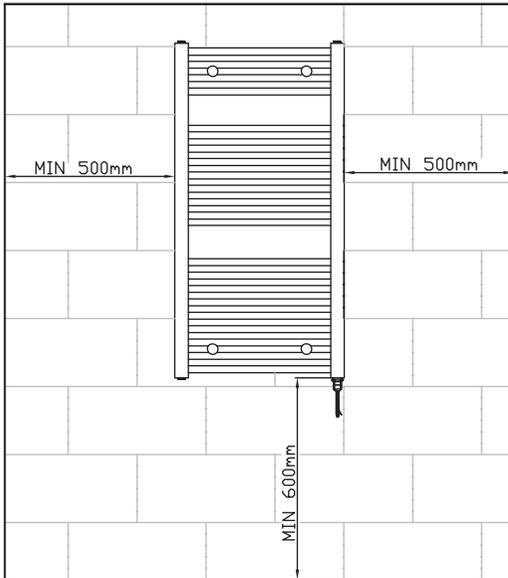
Ref		Description	Quantity
A		Towel Radiator	1

B		Wall Support	4
C		Masonry Wall Plug	4
D		Long Screw	4
E		Small Screw	4
F		Spacer	4
G		End Cap	4
H		Cross Bolt	4
I		Bracket Bush	8
J		Metal Washer	4

Tools required (not supplied)

	Description
	PTFE Tape
	Large Flat Screwdriver
	8mm Masonry Bit or 3mm Wood Bit
	Socket Set
	Spanner
	Clean Cloth

Assembly instructions:



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).

Warning: In order to avoid a hazard for very young children, this appliance should be installed so that the lowest heated rail is at least 600 mm above the floor.

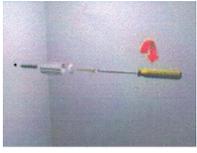
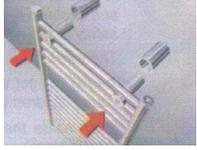
The towel rail is to be installed so that switches and other controls can not be touched by a person in the bath or shower.

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.

THIS TOWEL WARMER HAS BEEN PRE-FILLED AND ADJUSTED FOR ELECTRICAL STAND ALONE USE. NO FILLING IS REQUIRED; DO NOT REMOVE ANY OF THE SEALS AS THIS MIGHT CAUSE LEAKAGES AND VOID THE WARRANTY.

STAGE I: FITTING THE TOWEL RAIL ON TO THE WALL

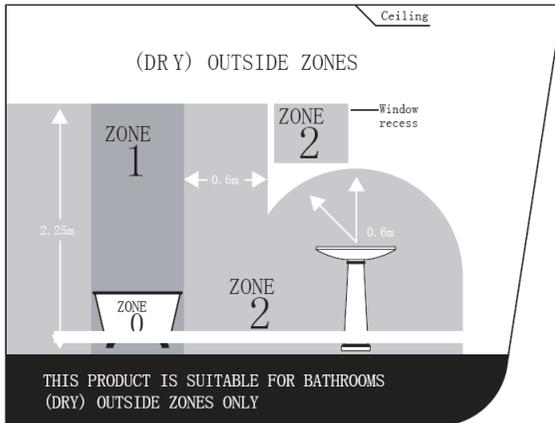
<p>STEP 1. Select your desired mounting position and check that the wall is sufficiently strong enough to hold the weight of the towel warmer filled with water. Mark your preferred bracket positions on the wall and drill holes as necessary for the fixings that you are using. The Wall Plugs supplied are 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>STEP 2. Screw the Bracket Base to the wall using the Wall Screws and Washers provided.</p>	
<p>STEP 3. Loosely fit the Bracket Stems to the towel warmer with the Bracket Fronts and Bracket Screws.</p>	
<p>STEP 4. Align the Bracket Stems with the Bracket Bases and push the towel warmer back into position.</p>	
<p>STEP 5. Tighten the Bracket Screws with a screwdriver.</p>	
<p>STEP 6. Insert the Mini Screws into the Bracket Bases and tighten with a screwdriver to lock bracket into position.</p>	
<p>STEP 7. Push the Cover Caps into position on the Bracket Fronts. Finally put decorative covers onto air vent and blanking plug.</p>	

You need to follow the below requirements when you install your heater:

IP24 THIS PRODUCT IS SUITABLE FOR BATHROOMS (DRY) OUTSIDE ZONES ONLY

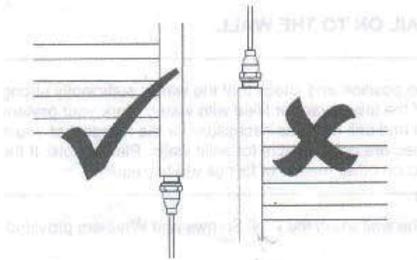
This product is suitable for use in living areas, and Bathroom dry (Outside) Zones only (see diagram below and current IEE Wiring Regulations for details). It is not suitable for Bathroom Zones 0, 1. Always refer to the Reference Drawing for Bathroom Installation.

Note: the below drawing is for reference only. We suggest you to contact a professional electrician for any help.



* Full details can be found in the current IEE Wiring Regulations (BS 7671)

Please NOTE: (as per the illustrations below) that the heating element must always be located at the bottom of the rail (either side). NEVER from the Top.



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 standard 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. This appliance does not come fitted/supplied with a fused plug. DO NOT wire/fit a plug to this appliance.

Means for disconnection having a contact separation in all poles must be incorporated in the fixed wiring in accordance with the wiring rules.

Connecting the power supply cable to the mains (220-240V AC)

220V~240V~+10%- 10% 50Hz monophas power supply.

Warning: you need to connect the 3 wires of the supply cable to a connection block ensuring the mains polarity is followed as below:

IMPORTANT: The wires in the mains lead are coloured in accordance with the following code:

Blue – Neutral

Brown – Live

Green/Yellow – Earth

The blue wire must be connected to the terminal marked with an N or coloured black.

The brown wire must be connected to the terminal marked with an L or coloured red.

The green/yellow wire must be connected to the earth terminal which is marked with an E or with the earth symbol.

WARNING: Never connect live or neutral wires to the earth terminal.

All fittings must be installed by a competent person in accordance with the current IEE Wiring Regulation (BS 7671). If in doubt, consult a qualified electrician.

Trouble shooting and problem solving:

When your radiator doesn't function, please check the common problems and solutions below:

Problem 1: No power

Cause: The main supply power is not ON or the protection fuse in the power supply has blown.

Action: Check the wires connections to circuit-breaker are correct, or check and change the fuse in power supply.

Problem 2: Heater operates and then the heat cuts out.

Cause: The thermostat inside the heating element operated, or the safety thermal fuse may have operated.

Action:

1. If thermostat operated, it can be re-set. Switch the electricity off and remove any objects that are covering the product. Once the cause of the overheating has been removed AND the heater has cooled down, the product can then continue to be used normally.

2. If it fails to work it is likely that the secondary overheat protection device (thermal fuse) has operated – this overheat protection system cannot be reset by the consumer. Do not open this product. There are no user-serviceable parts inside. Call a qualified service or technician to replace heating element.

Problem 3: Leak on the radiator

Cause: Welding problem **Action:**

Replace radiator

Problem 4: Sound of whistling or water whooshing

Cause: Radiator was not properly balanced when it was installed

Action: Re-install

Problem 5: Clanking sound

Cause: The radiator was installed in a space that doesn't allow for pipe expansion

Action: Re-install

CARE AND MAINTENANCE:

Regular cleaning with a soft cloth will keep the surfaces of your tower warmer looking new.

Soapy water can be used to remove stubborn stains and then buff dry with a soft cloth.

Do not use abrasive or chemical cleaners to clean your towel warmer as these will damage the surface finish over time.

DISPOSAL



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

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 center to be disposed of in accordance with European Directive WEEE 2012/19/EU guideline. The manufacturer reserves the right to modify the product without previous notice for technical or construction improvements.

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