Installation Manual

CAUTION

The element should always be fitted into the bottom of the radiator.

Never switch on the element if the rail is empty. Never switch the element on until it is fitted and the towel rail is filled with water.

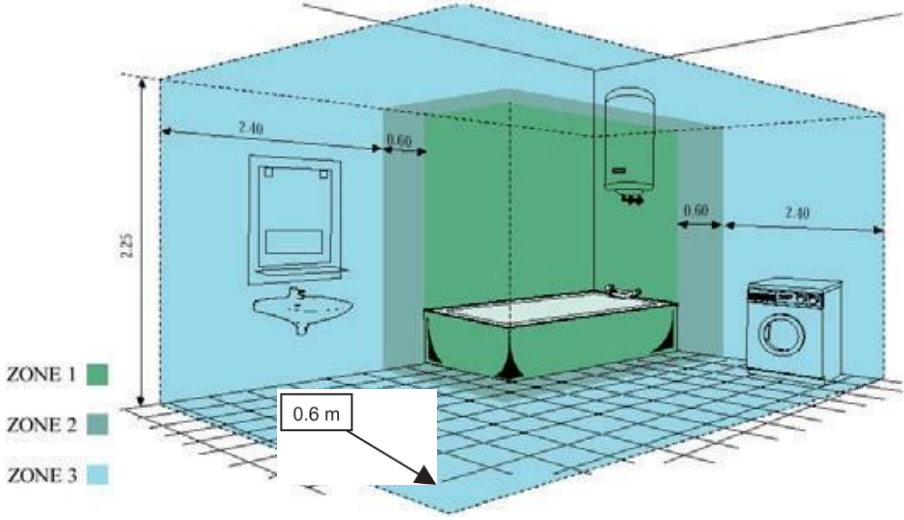


Figure 1: Classification of the Bathroom Zones

SAFETY INFORMATION

Do not install the electrical heating element into a towel radiator fitted in ZONE 1 (Fig 1).

The electrical heating element must only be fitted vertically from the bottom of the towel radiator.

Verify that the rated voltage of the heating element is the same as the supply voltage.

Do not power the heating element until it is completely fitted into a filled towel radiator.

In 'Electric only' heating element installation, the towel radiator MUST have a sufficient air gap to allow for water expansion (about 10%).

The electrical heating element MUST only be operated if completely immersed in liquid (water) inside the tower radiator.

CAUTION

GENERAL CAUTION

Read the instruction carefully before installation.

- The heating element is designed for installation in standard domestic towel radiators. It should not be used for any other purpose.

All fittings must be installed by a competent person in accordance with current IEE Wiring Regulations (BS7671). If you are in any doubt about installing this product, consult a qualified electrician.

Installation must be carried out in accordance with all applicable rules and regulations.

SAFETY WARNINGS

The electrical heating element is a class I device and it is protected against water ingress according to its IP degree of protection. The towel radiator where the electrical heating element is fitted must be mounted inside the zone of the bathroom according to its IP degree of protection and electrical legislation in force. In case of doubt to determine the installation zone, refer to the relevant public institution.

Before carrying out any installation,de-installation, cleaning or maintenance, disconnect the electrical heating element from the mains.

USAGE

USAGE WARNINGS

The electrical heating element incorporates a thermal fuse. If the electric towel radiator does not heat at all, this may indicate operation failure and the product must be replaced.

WORKING DESCRIPTION

The electrical heating element should be connected to a switch which is determining the status of the element itself: ON or OFF.

IMPROPER USE

All different usages which are not described according to the "USAGE" section, are to be intended as improper usage. In case of doubts, refer to the seller.

Never switch the electrical heating element ON if the towel radiator is empty.

Before installation, never switch the electrical heating element ON to verify heating effectiveness.

DANGEROUS CONDITIONS AND RISKS

During installation, de-installation and maintenance, ensure working place safety until the operation is completed.

In case of any abnormal operation or if the product has visible signs of damage, disconnect the electrical heating element, contact the seller for investigation or replacement if it is within the 12 months guarantee period.

The electrical heating element cable can not be repaired. If it is damaged, don't use it and contact the point of purchase for replacement of the complete unit.

Never try to modify or repair the electrical heating element by yourself.

Never knock the electrical heating element against anything. Handle with extreme care during every operation and never leave it in wet areas.

MAINTENANCE

ORDINARY

Pay particular attention to verify that there is no water leakage, checking the visible and exposed electrical heating element parts.

Using the dedicated switch of the electrical heating element, verify that when turned ON the towel radiator should heat up and no heat is provided when turn OFF.

If the control fails, refer to DANGEROUS CONDITIONS AND RISKS section.

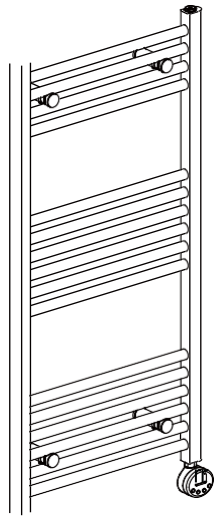
EXTRAORDINARY

We recommend the replacement of the electrical heating element (into the specific towel radiator) every 5 years.

CLEANING

To clean the electric heating element, use only a dry and clean soft cloth.

Make small locally round movements.



DO NOT FIT ELEMENT

UPSIDE DOWN

ALWAYS FIT

AT THE BOTTOM

SAFETY WARNINGS

a) This appliance is not intended for use by persons (including children) with reduced physical. sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

b) Children should be supervised to ensure that they do not play with the appliance.

c) When the central heating system is operating the heating element will cause the bathroom radiator to get hot to the touch during operation.

d) Switch off the heating element at the supply when not in use and when the central heating system is in operation.

e) Do not operate the element when there is no water in the radiator, it incorporates an overheat protection thermal fuse which may blow if this occurs.

f) If the mains cable becomes damaged it must be replaced by a qualified person to avoid a hazard.

Thermostat Operating Manual

1. General Introduction

a .Operating Voltage: 230V/50Hz
b. Heating Element Power: 200W-1000W
c. Operating Ambient Temperature: 0-55℃
d. Temperature Setting Range: 30 - 70℃ (5℃ every change)
e. MODES: Standby/Thermostatic Work /2H/4H/6H/8H Timer
f. With Memory Mode.
g. Insulation Class: Class I
h. IP Degree of Protection: IPX4
i. Size:70 x 60 x 45 mm

2. LED Screen:

3. Buttons:

Power on/off

Heating time

Temperature up

Temperature down

4. Status and Modes displayed on LED Screen

4.1 Standby Mode

The device enters into standby mode when the power is switched on. in this mode a continuous **"e"** flashing on the screen.

4.2 PowerOn

4.2.1 Thermostatic Heating Mode: the LED screen shows the temperature setting value. the temperature value flashes when heating, it stops flashing when heating is done.

4.2.2 2 Hours Heating Mode: LED screen shows 

4.2.3 4 Hours Heating Mode: LED screen shows 

4.2.4 6 Hours Heating Mode: LED screen shows 

4.2.5 8 Hours Heating Mode: LED screen shows 

5. Mode Operating Instruction:

5.1 Enter Into Work Mode: press button briefly to enter into WORK mode; Or press button briefly in STANDBY mode, enter into 2 HOURS HEATING mode (must be power on);

5.2 Switching Between Modes: press button briefly to switch the mode from STANDBY mode to THERMOSTATIC HEATING mode, and then press button to switch to TIME HEATING mode. When requesting to switch the mode from TIME HEATING mode to THERMOSTATIC HEATING mode, press button briefiy to STANDBY mode first, and then press button again to switch to THERMOSTATIC HEATING mode.

5.2.1 Thermostatic Heating Mode: press button briefly to change STANDY BY mode to THERMOSTATIC HEATING mode, press button or briefiy to set the

temperature, temperature range can be set between 30～70℃, 5℃ every change.

5.2.2 Time Heating Mode:

A: Press button briefly to switch the STAND BY mode into 2 HOURS HEATING mode, and then press again. The mode can be changed between STAND BY→2H→4H→6H→8H→STAND BY, the device will go back to STAND BY mode when TIME HEATING mode process is done.

B: In THERMOSTATIC HEATING mode, press button shortly to enter into 2 HOURS HEATING mode, and then press button can be circulated between THERMOSTATIC HEATING THERMOSTATIC HEATING mode when TIME HEATING mode process is done, the device will go back to

5.3 Power Off

5.3.1 In Power On status, press button briefly to turn off the device.

6. Over Temperature Protection

When temperature exceeds 85℃ or is lower than -25℃, the device shuts down automatically. And symbol "Er" appears on display.