

MAGIC Towel rail Element Manual



1. Screen Description:

- a) Power: AC220-240V/50HZ;
- b) Timer : 1-5 hours;
- c) Setting temperature: 45~65°C;

2. Safety & Warnings

Before you begin installation, setup or operation of the unit, please read all of Please read this instructions carefully before you use the thermostat. Please note all signs, notices and technical information. All instructions to be followed in full. Electric Towel Rails must be installed by a qualified competent electrician in accordance with the current IEE wiring regulations. Ensure that the electrical supply is fully isolated before commencing installation or servicing.

The product should be permanently fixed and connected to the 220/240 Volt AC mains power supply via a fused spur/cable outlet, and earth bonded .

The element is splash proof (IPX4), and should **NEVER** be immersed in, or subject to a constant spray of water.

The element must **NEVER** be used without the towel rail being filled with water or fluid at correct fluid level.

Only use the device in a suitable towel rail, for space heating and/or towel


drying. This element should be mounted vertically and in the **BOTTOM** of the towel rail only. It is imperative that you have the correct fluid level(90% fluid of towel rail total volume is recommended) in the towel rail before the element is used.

3. Installation of the Element into the Towel Rail



The heating element can be used as a electric heater in a sealed towel rail or as a summer element in a towel rail that has also been plumbed into the central heating system, if the latter is the case that the element will be used in conjunction with a central heating system,the element will need to be fitted with a conversion tee.

4. Operation instruction:


4.1 Switch on:

when the device is power connected,it will go into standby immediately,a blue dot will be light on the display ,and the temperature will maintain at 7°C as frost protection.

4.2 Switch heating mode:


Press button ,it will begin the consistent heating mode, while press  button,it will switch to TIMER condition of 1-5 hours.

4.2.1 Consistent heating mode:

When the device switch ON, The Temperature selection is made by the  buttons on the control unit in 5°C increments for each red light between 45°C and 65°C, for example



4.3 Timer mode

If you need a short timer maximum heating performance, then press the  button. Timer option is 1-5 hours, 1 hour each light which light up in blue color. The element will stay working at the setting hours at maximum performance. After heating at the setting hours, it will go back to standby condition automatically.



5. Error warning:

The digital light will be flashing in red slowly under below situation:

Liquid temperature is lower than -10°C or higher than 85°C

6. Technical information:

Power: AC220-240V/50HZ;

Setting temperature: $45\sim 65^{\circ}\text{C}$;

Insulation : Class I

Water proof: IPX4

Thread connection: 1/2'

Frost protection: 7°C

Timing mode: 1-5 hours