

Smart02 Manual


1. Basic description:

- a) Power supply specification: AC230V/50HZ
- b) Setting temperature range: 45-65 °C
- c) Timing time range: 1-5 hours
- d) System mode: constant temperature mode, BOOST mode


2. Display description

- 2.1  On/off status: LED light display As shown in following pictures



- 2.2  Constant temperature mode: adjustable temperature range 45 °C -65 °C , default temperature 65 °C , the 1st red light is 45 °C , each red light lit later increases by 5 °C . As shown in following picture



- 2.3  BOOST mode: default timer heating time is 2 hours, can set the heating time 1-5 hours, each blue light represents 1 hour As shown in following picture



In timer mode, the heating temperature is fixed at 65 ° C and the temperature is not adjustable.


*The appliance can be switched off automatically when the set heating time is reached.



- 2.4 Heating status: When the current status is heating, the light at the power button is red, when the current status is not heating, the light at the power button is blue. As shown in the




2.4 Heating status: When the current status is heating, the light at the power button is red, when the current status is not heating, the light at the power button is blue. As shown in the diagram.



3. Operating instructions

3.1 Switching on and off: Short press  to switch on the appliance and enter the thermostat mode.

3.2 Setting the temperature in thermostat mode: Short press  the red LEDs and they will light up one by one, the first point is 45°C, each subsequent point will increase by 5°C. Set the temperature until it reaches 65°C (5th LED), then short press  again to set the temperature back to 45°C (1st LED). After 5s of no operation after setting, the unit enters the working state.

3.3 Entering BOOST mode: short press  the blue LEDs will light up one by one, 1 hour - 5 hours each light represents 1 hour, BOOST mode default 2 hours (default 2 lights at the beginning). To set the heating time: short press  the screen flicker, time add 1 hour (1 more light), set the time until it reaches 5 hours (all 5 lights), short press  again to set the time back to 1 hour (the first light). After 5 seconds of inactivity after setting, the appliance enters the working state. When the heating time is over the appliance switches off automatically.

3. Error display

If the detected temperature is less than -10°C or more than 85°C, all blue and red lights will be fully illuminated.

Safety Requirements - Installation

1. The installation and connection of the heating element should be undertaken exclusively by a certified installer.
2. The fitting and installation process of the device must adhere to all relevant local electrical safety standards, including being conducted in approved locations. Pay special attention to the regulations concerning electrical zones in bathrooms.
3. Ensure the device is connected to a stable and suitable electrical system, as indicated by the specifications on the heater.
4. Refrain from testing a heating element once it is installed. Additionally, avoid activating the heating element when the radiator is devoid of contents.
5. Take care to keep the power cable away from any heated sections of the heating element or radiator.
6. Prior to the installation or removal of the device, it is essential to disconnect it from its power source.

7. Avoid opening the device; tampering with its internal components will result in the voiding of the warranty.

8. The output of the heating element should not surpass the designated power capacity of the radiator, especially for the parameters of 75/65/20°C.

9. The pressure inside the radiator must not exceed 10 atmospheres. In electric radiators, ensure the maintenance of an air gap. In central heating systems, keep a valve open to avert pressure accumulation due to the thermal expansion of the fluid.