

***Smlege***



# USER GUIDE

Water heating

The IoT Consultant of  
Your Comfortable Home (HVAC)

Smart Control / IoT / Cloud

Heating · Air Conditioner · Ventilation System · Hot Water



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Innovation makes life better.

[www.smlghvac.com](http://www.smlghvac.com)

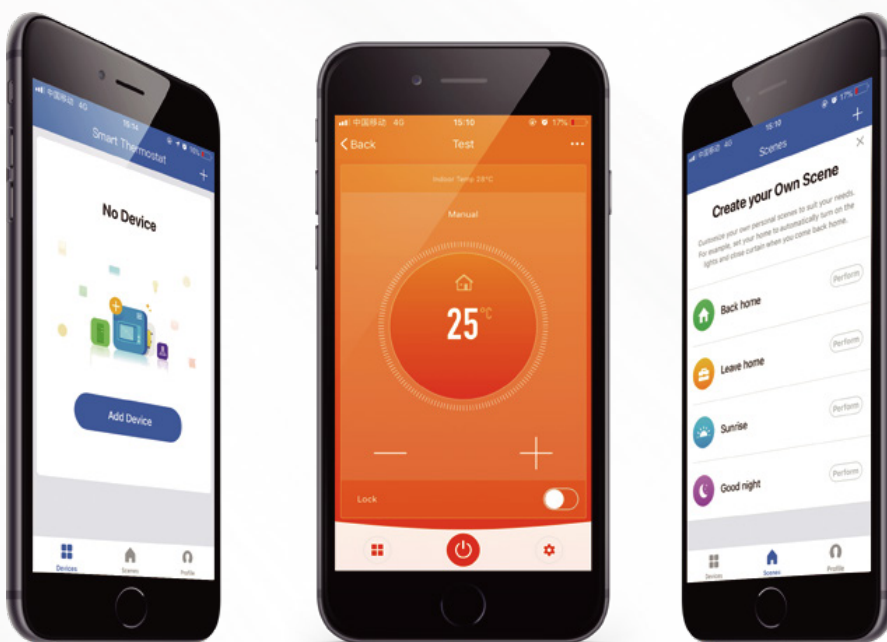
## Voice Control

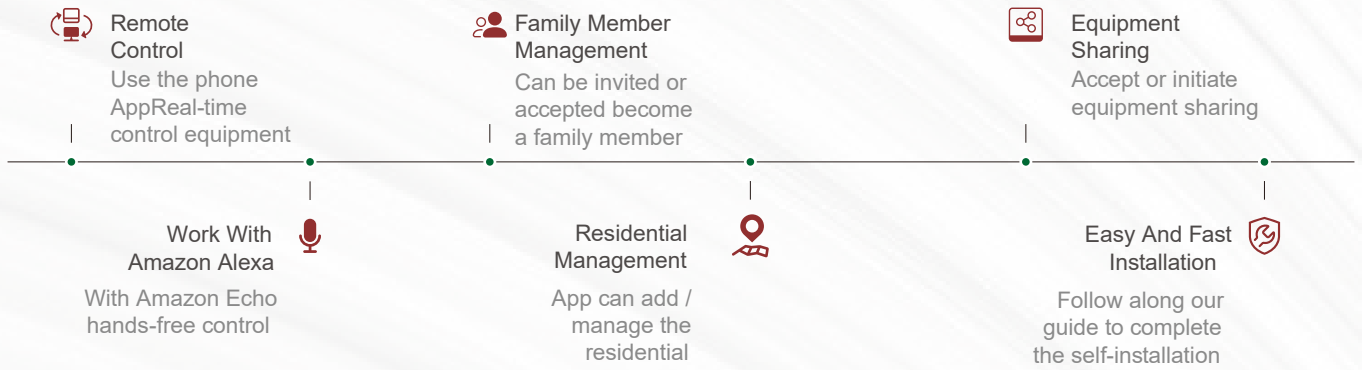
Download the 'CUBEE Smart App in the application market and connected to the relevant equipment, it can be intelligently linked with the voice assistant, so that you can better control the temperature and air quality at home.



## Multiple Operating Modes Smart Control

You can control your products in group, or smart scenes via the App, It's easy to use. Get your location and automation control the device base on the local environment.

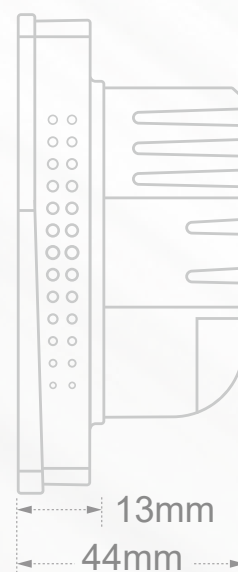
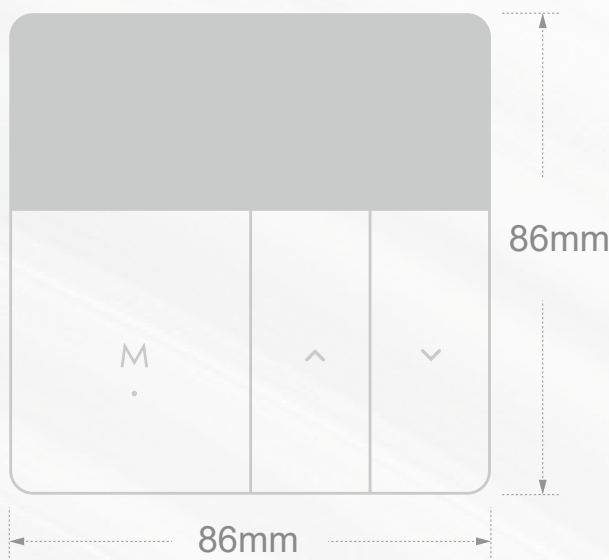




## Specification Parameters

Color: White / Silver  
 Screen: LCD  
 Language: English  
 Input: 220VAC±10%50/60HZ  
 Sensor: NTC 10K B<sup>25/50</sup>:3950K

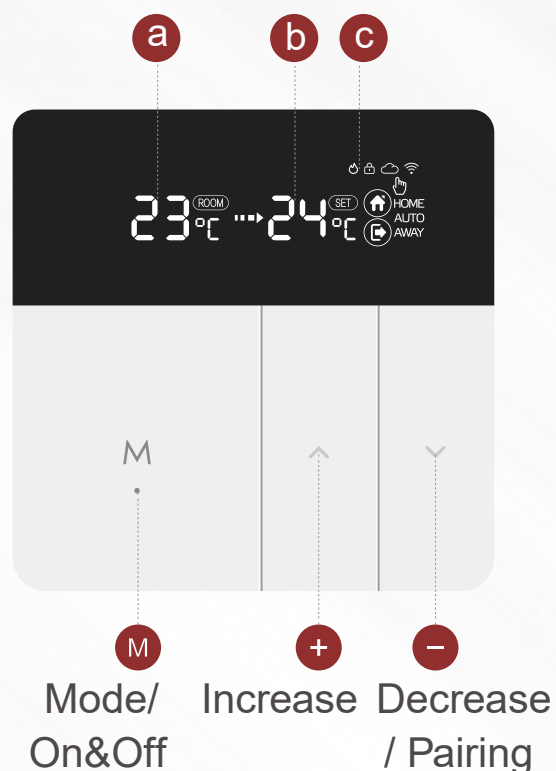
Temp Range: 5~35°C  
 Accuracy: ± 1°C  
 Size: 86\*86\*13 mm  
 Output: 5A\*220VAC  
 App: Android / iOS



## Screen & Button Functions



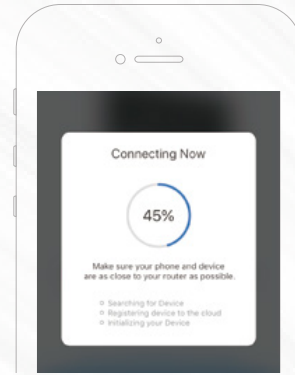
- a** Current Temperature
- b** Target Temperature
- c** From left to right:  
Loading, Lock, Cloud Connection, WiFi Connection



- Press 'M': Switch mode
- Press 'M' 3s: Power on or off
- Press '^': Increase the temperature
- Press 'v': Decrease the temperature
- Press 'v' 3s: Enter the pairing WiFi mode
- "M" "v" : Press 'M' & 'v' for 3s to lock or unlock

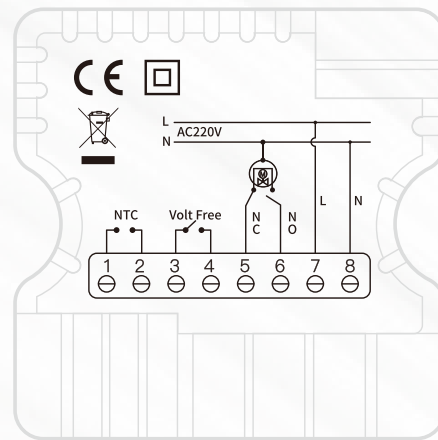
## Connect to the Internet

- Press 'v' for 3s, 'Wi-Fi' will flash quickly
- App enter the add device page, select the type of product.
- Input the SSID and password, then pairing.



## Wiring Diagram(water)

- 1/2: Connect to external sensor
- 3/4: Connect to boiler pump
- 5: Normally closed
- 6: Normally opened
- 7: L line
- 8: N line



**Tip** Depends on the type of valve, select to connect normally closed or normally opened, another line connect to N.

## Installation Instruction

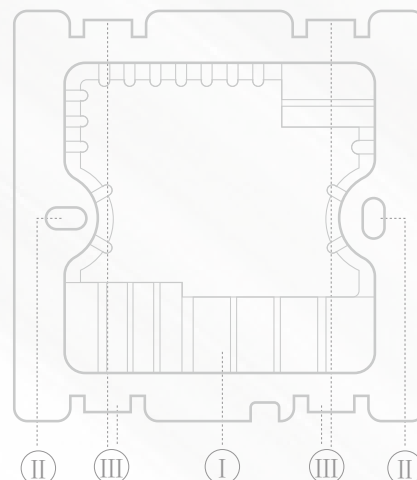
- Environment  
Install to a 86\*86 box, power by 220V AC
- Power off  
Before you install, must cut off the power



86 box

### Install Steps

- Connect each wiring
- Connect the steel to the 86 box
- Buckle up the power box and panel





## Other Operation

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### a. External & Internal Temperature Check:

Long press the 'M' and '^' to switch the internal temperature or the external temperature.

### b. Temperature Protection Warning:

When the temperature is higher or lower the protection value, '🔥' will flash, the valve will auto close or open, and adjust the temperature to 2°C lower or 2°C higher of the protection value, '🔥' will stop flash and the protection mode cancel.

### c. ERR Exception:

When the 'E' light up, it means the sensor mode was wrong or the sensor was broken. And the temperature value in the screen will show '--'.

### d. There have the Valve Anti-lock Function

#### TIP:

In order to improve product quality and experience, the product may be upgraded from time to time. If this instruction is not indicated in time, Thank you for your kind understanding.

## Advanced Settings

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When the thermostat is power on, long press the '^' and 'v' (5s), press 'M' select the setting items, and press '^' or 'v' to select .

- 1 Sensor type Default is 00:Internal 01:External 02:Internal&External.
- 2 High temperature protection: 35~95°C, Default is 95°C, '--'Cancel the protection
- 3 Low temp protection: 0~10°C, Default is 5°C, '--'cancel the protection
- 4 Swing: 1-9 °C, Default 2 °C
- 5 Temperature calibration : -9°C~+9°C, Default is 0°C
- 6 Highest target temperature: 35~90°C, Default is 35°C
- 7 Lowest target temperature: 0~30 °C, Default is 5°C
- 8 Home mode target temperature: Default is 22°C
- 9 Away mode target temperature: Default is 15°C
- 10 AUTO mode target temperature: Default is 20°C
- 11 System restart:  
Press '^' or 'v' to switch the '--' to '==' and wait for 5s
- 12 Factory setting:  
Press '^' or 'v' to switch the '--' to '==' and wait for 5s