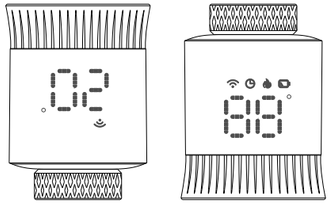
ME168 smart radiator thermostat



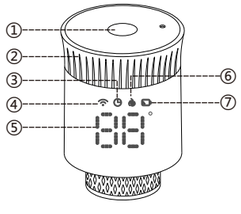
Application

ME168 Smart Radiator Thermostat is a radiator valve controller with programming function, which can be used to independently control the heating heat sink, through a series of programming settings to achieve room temperature control.

Technical indicators

1. Power supply mode: 2x1.5V AA (alkaline battery) 2. Ambient temperature: 0~50°C
3. Temperature setting: 5~35°C 4. Temperature display accuracy: ±1°C
5. Environmental storage temperature: -10~60°C 6. Zigbee standard: IEEE802.15.4
7. Communication frequency: 2.405~2.48GHz 8. Product size: L: 95.77mm, φ: 50mm
9. Product color: white 10. Electrical safety implementation standard: GB14536.1-2008 GB14536.10-2008

Displays the icon description



①.....keystroke
②.....Adjustable knob
③.....Programming mode
④.....WiFi
⑤.....Indoor/set temperature
⑥.....Heat icon
⑦.....Low battery alarm

Operating instructions

Power on/off: turn the knob to switch on/off (the knob rotates to the screen display "OF" to shut down, and the power on only needs to rotate the knob to the temperature display).

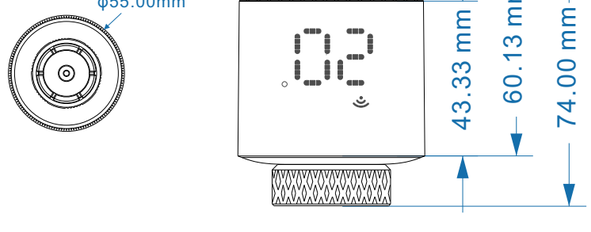
Knob: In the power on state, the rotary knob can adjust the set temperature.

Button: short press button to switch (programming mode, manual mode) in the boot state; In the shutdown state, press and hold the button for 5 seconds to configure the WiFi network.

Instructions for use

Windowing function	When the window is opened, causing the room temperature drop more than 6°C within 4 minutes, the main screen displays "OP"and closes the valve. If the room temperature rises 3℃, this status can be released,and it can be released automatically after 48 minutes or manually.
Anti-scale function	If the heat sink is not fully opened within two weeks or used for a long time, the valve will be blocked due to silting-up, and the heat sink will not be able to be used. To ensure the normal use of the heat sink, the controller will automatically open the valve fully every two weeks. It will running 30 seconds per time, and the screen displays "Ad", the returns to normal working state again.
Child lock function	In order to prevent the settings of the controller from being mista kenly modified by children, when the device is turned on, long press the button to activate the child lock function, the screen displays "LC", if you need to unlock it, please repeat the activation operation.
Temporary mode	When in programming mode, if you want to manually change the temperature of the current programming period, turn the knob to adjust to the desired temperature, which will be maintained until the end of the current programming period.
Anti-freezing	When the shutdown ("OF") state is displayed, the antifreeze function is turned on: when the room temperature is lower than 5 ℃, the valve opens; When the temperature rises back to 8℃, the valve closes.
Low voltage warning function	when the battery voltage is too low, the alarm symbol" ▭ " will be displayed to remind the user to replace the battery.

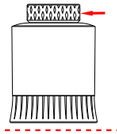
Product size



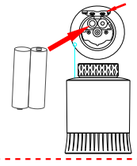
Controller installation

Power on method

❶ Press down on the bottom cover and unscrew it to the right.

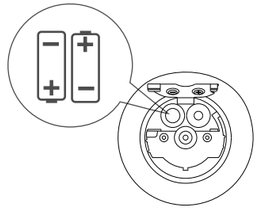


❷ Press and hold the battery and push it out, placing the battery in the compartment.



AA battery*2

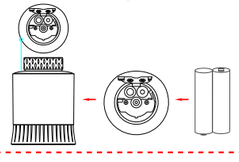
注意



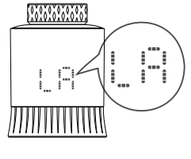
* Please install the battery according to the "+-pole" icon in the battery compartment.

Installation steps

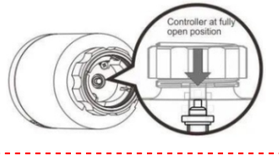
❶ Press and hold the battery sheet and push out, put the battery in the battery compartment and close the battery cover.



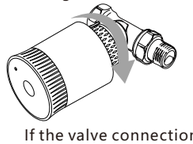
❷ Screen display [LA]



❸ Set the temperature to a maximum temperature of 35°C(when the top bar is flush with the bottom).



❹ Rotate and tighten the controller copper ring and the heat sink automatic thermostatic valve mounting threaded interface.

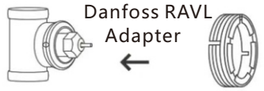


If the valve connection in your home does not match the controller, install the accessories first

Accessories selection and installation

1. Please confirm the valve pipe diameter on the valve body at home.
2. Accessories installation.

Giacomini
Connector Adapter



M28*1.5
Connector Adapter

Caleffi
Connector Adapter

APP operating instructions

1) Description of the distribution network

A green light and a red light are flashing on the gateway, and it has entered the network configuration state. (For the status of gateway configuration, please refer to the operation instructions of the gateway).

2) Controller network configuration

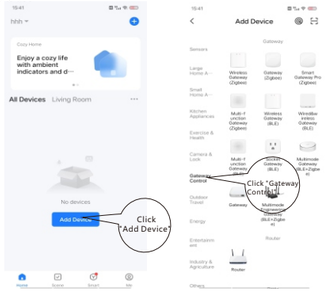
Turn the knob to the "OF" state, press and hold the button for 5 seconds, the screen WiFi " " icon is flashing, at this time the controller has entered the network configuration state, and the WiFi icon stops flashing to indicate that the connection is successful.

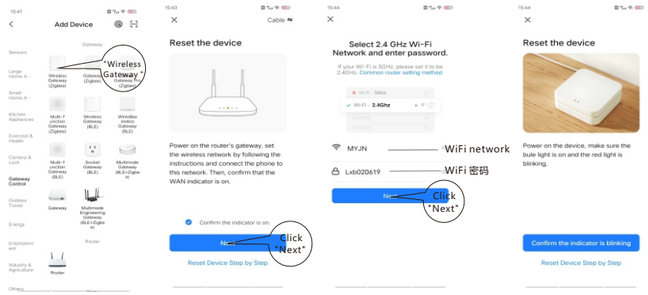
3) APP connection instructions

The phone turns on 2.4G WiFi and Bluetooth

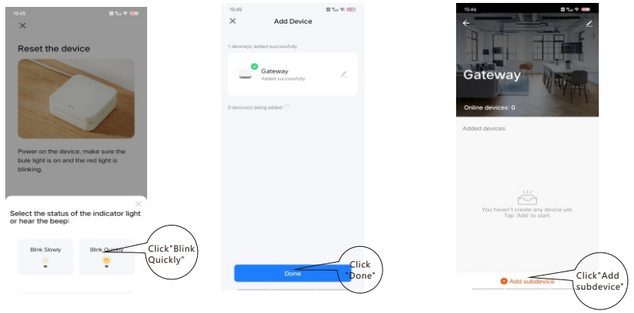
Scan the QR code to download and install the "Smart Life" APP.

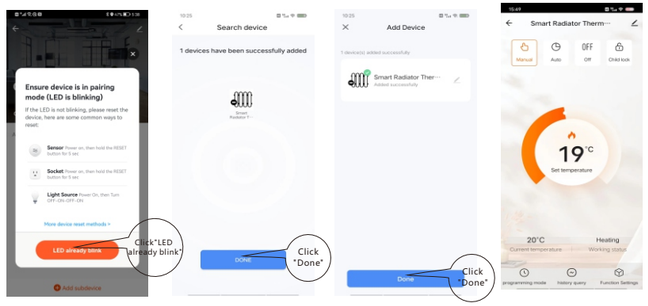
1.Gateway provisioning: Pairs gateways based on the gateway type



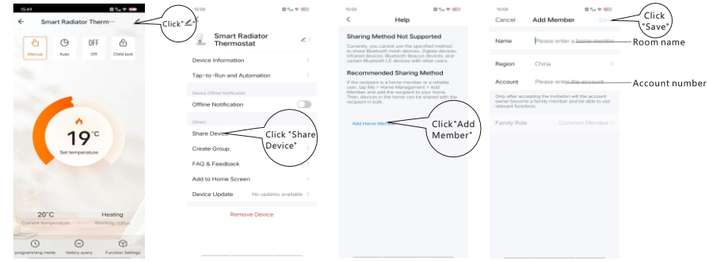


2.Controller network configuration:





4) Device sharing instructions



5) Description of equipment upgrade function

If you want to improve the important functions of the controller, you can click " " to enter the device upgrade function on the main interface of APP control, click Device Upgrade, and confirm the upgrade.

6) Third-party voice control

Supports Amazon Alexa" " and Google Assistant " ".

If you have finished to install Smart Life then open Amazon Alexa App: sign in your Alexa account and enter password.Select Smart Life in the search results, and then click "Enable Skill". Then input the user name and password of Smart Life APP thatyou had previously registered.After the above operation is successful, you can control the device via Echo.

Voice examples: Alexa

Query the ambient temperature:

Alexa, what is the temperature of <device name>

Power switch: "Alexa, turn on <device name>"
"Alexa, turn off <device name>"

Temperature mode: "Alexa, turn off the heat."
"Alexa, set <device name> to automatic."
"Alexa, what mode is my <device name> set to?"

Temperature value: "Alexa, make it warmer in here."
"Alexa, make it cooler in here."
"Alexa, what is the target temperature of the<device name>?"
"Alexa, set <device name> to twenty."
"Alexa, set <device name> to N"

Voice examples: Google

Power switch: "OK Google, turn on <devcie name>."
"OK Google, turn off <devcie name>."

Query the ambient temperature: "OK Google, what is the current device temperature?"

Common environment settings: "OK Google, set the <device name> to 350 degrees."
"OK Google, set the <device name> to 350 degrees."

Instructions for unnetworking

Turn the knob to the "OF" state, press and hold the button for 5 seconds, the screen WiFi " " icon is flashing, at this time the controller resets the network.