

# Smart Thermostat

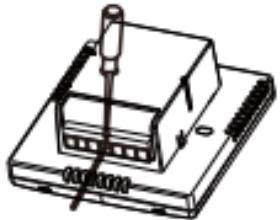
WT410 Matter



# Specification

Temperature Sensor	NTC	Temperature accuracy	$\pm 1^\circ\text{C}$
Display screen	LCD	Working environment	-5~50°C
Self-consumption power	<1W	Temperature setting	5~60°C
Display range	0~51°C	Voltage	AC100~240V, 50/60Hz
Load current: Water Heater 3A(resistive) Electric Heater 16A(resistive)			

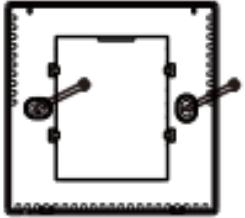
## Installation



1. Connect the power box according to the wiring diagram



2. Separate the power supply from the control board cable

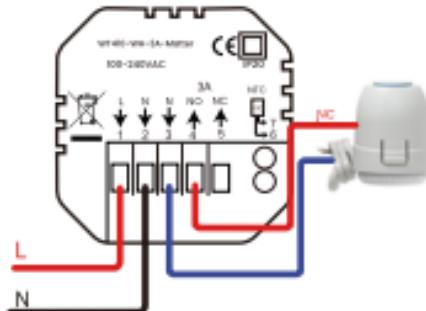
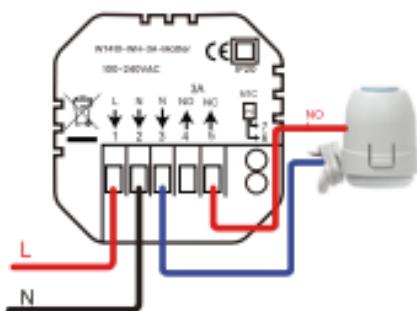
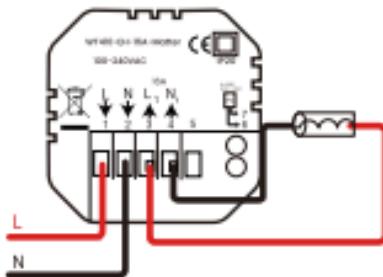
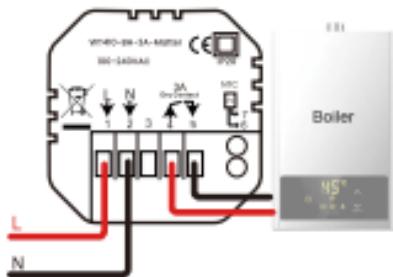


3. Screw the power supply into the box of 86



4. Connect the power board to the control board line, and align the buckle at 30 degrees to complete the installation.

# Wiring diagram



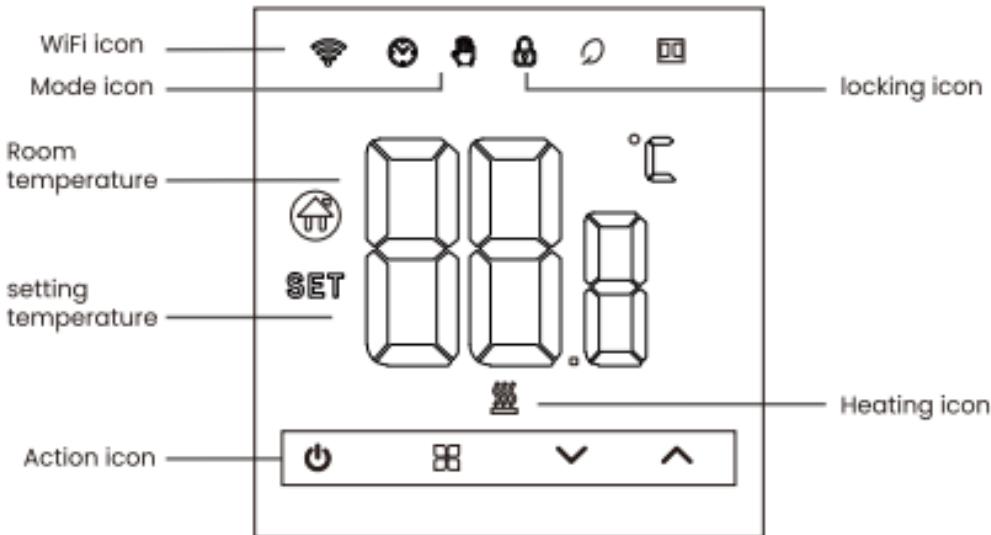
## Product type:

BH is suitable for Gas Boiler Heating

WH is suitable for Water Heating

EH is suitable for Electric floor Heating

## Icon description



1. Power on/off: press the key to turn on/off the thermostat.
2. Press the key to switch between manual and Programming mode
3. Simultaneously press and hold the up and down keys for 5 seconds to add or cancel the child lock.
4. WiFi link: When the thermostat is turned on, press and hold the up button for five seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

## Advanced Option Setting

In the shutdown state, press the key and key. Press for 5 seconds to enter the advanced option setting

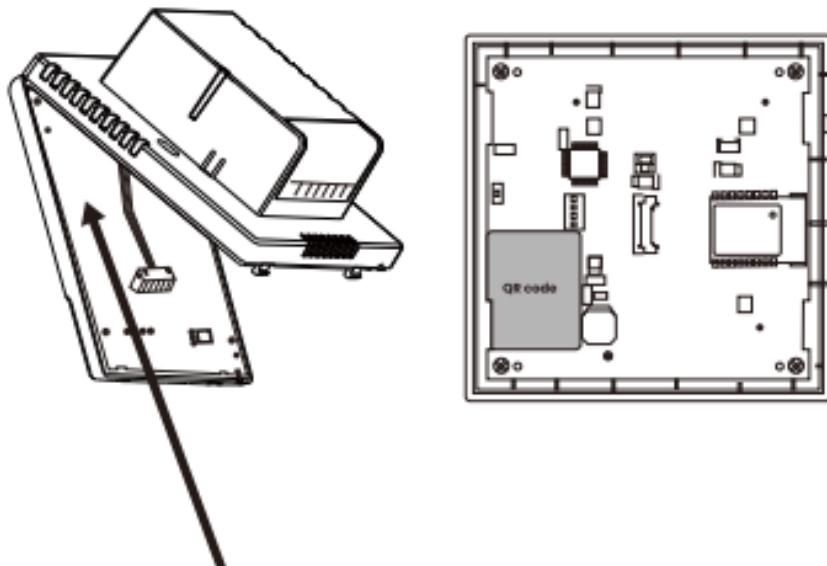
Press the key to enter the next option, then press the up and down key to adjust options, and press the key to exit the advanced option setting mode.

01	Temperature compensation	The default value of the calibration room temperature is 1 degrees Celsius. Press the up or down key to adjust the range from 9.9 C to - 9.9 C.
02	Sensor selection	The temperature sensor selection defaults to IN. Press the up key or the down key to adjust it respectively as IN internal sensor selection. ALL means all internal sensors are selected; OUT means external sensors are set.
03	Limit temperature value modification	The limit temperature value is 60 C by default. Press the up or down key to adjust the range from 25 C to 95 C
04	Temperature difference setting	The default setting temperature difference start is 1C; press the up or down key to adjust the range from 0.5C to 10C.
05	Antifreeze function	Set the antifreeze function as OFF by default; press the up key to turn on the antifreeze function.
06	Turn off backlight	ON: Turn off backlight      OFF: Turn on backlight
07	Main and auxili reverse selection (optional)	Set the main and auxiliary reverse to 00 by default. Press the up or down key to adjust 00 main reverse , and 01 to indicate the auxiliary reverse.
08	Backlight brightness	01:Micro-light 02:Medium brightness      03:Backlight highlight
09	Set temperature upper limit	Set the upper limit of the temperature to 45 C; press the up or down key to adjust the range from 15 C to 45 C.
10	Set lower temperature limit	Set the lower temperature limit to 5 ° C; press the up and down keys to adjust the range from 5 ° C – 15 ° C.
11	Sound	ON:Turn on the sound      OFF:Turn off the sound
12	Window opening detection	Start - The room temperature drops by 6 degrees within 4 minutes and stop heating. Close - room temperature rises by 3 degrees Celsius/after 48 minutes/manual (three methods)After the window opening mode is enabled, any one of these three conditions can trigger the exit of the window opening mode
13	Reset	Set to restore factory settings The default display is "", press the up key to display " --- " and then press the enter key to restore the factory settings.
14	Power outage memory function	0:memory function 1:Turn on after turning on the power 2:Turn off after turning on the power

# Connect

## Matter

1. Make sure your mobile phone is connected to 2.4G WiFi and open bluetooth;
2. Press and hold the up button for five seconds, the WiFi icon flashes on the thermostat display;
3. Open the "My Home" page of the App and click the "+"button on the upper right corner of the screen; (Please follow the instructions provided by the brand to pair the Matter device, using Apple devices as an example here.)
4. After waiting for a while, the display device can be used in "My Home" after it is connected.



Matter's QR code and Network code are in this location

## WiFi

1. Scan the QR code to download "AVATTO" or "Smart Life" APP (Recommend using AVATTO APP, which has more customization functions)

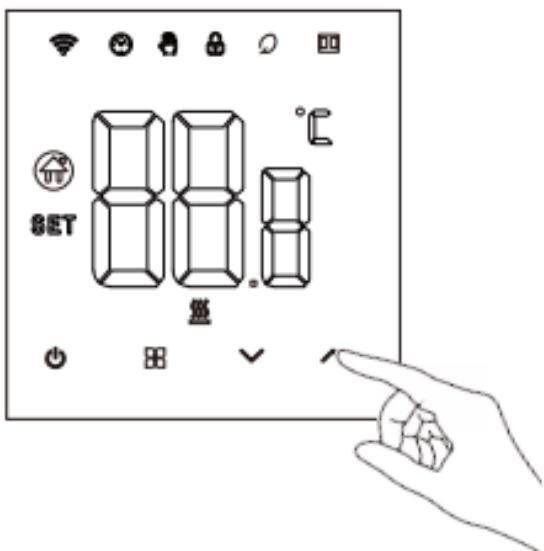


【AVATTO】 App



【Smart Life】 App

2. Press and hold the up button for five seconds, the WiFi icon flashes on the thermostat display.



3. Make sure your mobile phone is connected to 2.4G WiFi and open bluetooth, then open the 'AVATTO' APP (or "Smart Life" APP), Click "+" (Add sub-device) to select the device and follow the on-screen instruction for pairing.

