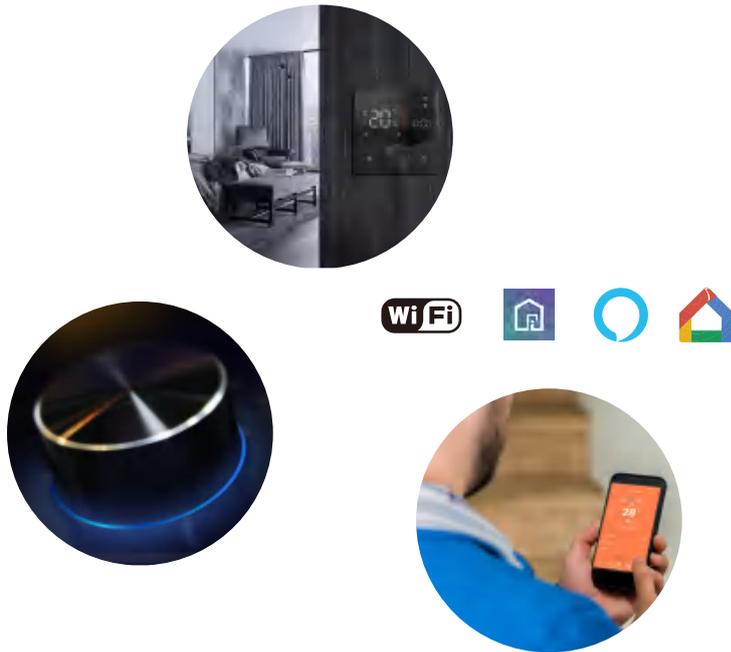


# Products

– Comfort / Self-learning Thermostat



## AI Knob Thermostat



### Description

AI Thermostat With ChatGPT, users can adjust the temperature by talking to AI, designed to provide unprecedented comfort and energy efficiency to your home or office environment.

**AI control** **10%** ↓↓↓  
**Electric heating**  
**At least save energy**

### Features

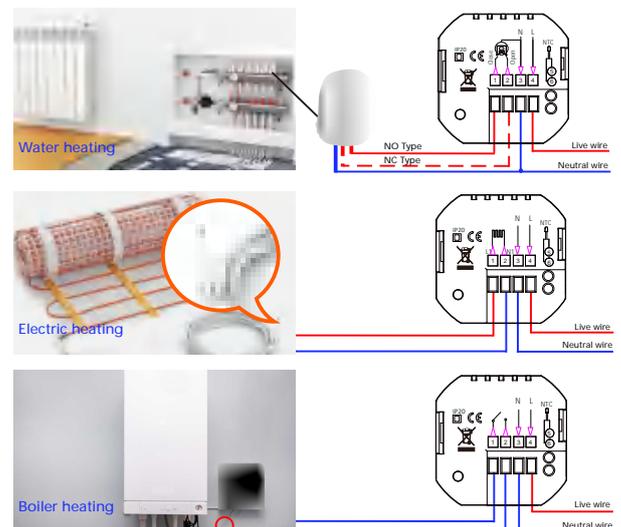
#### On Appearance

- LED display screen, simple UI, protect your eyes.
- The combination of knobs and touch buttons makes operation easy.
- 12.5mm ultra-thin embedded panel perfectly adapts to various walls;
- Rotating color-changing light ring;
- Black/white or black+white multiple color matching styles, seamless integration.
- Compatible with standard 86mm square box and 60mm European box, adaptable to various installation environments;
- New patented disassembly method for easy installation.

#### Core hot spots

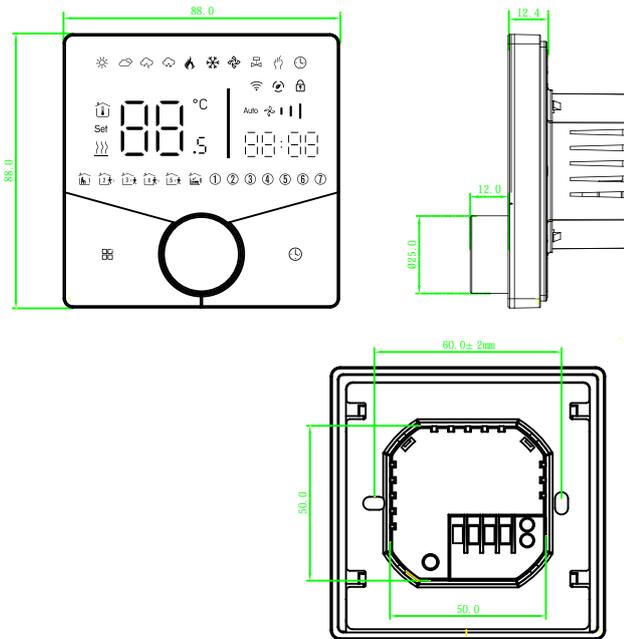
- Using ChatGPT to converse with the AI and send direct commands for temperature control;
- Exclusive app platform docking, network configuration is simpler;
- Advanced option parameters can be set directly on the APP;
- Equipped with smart learning algorithms to automatically learn user preferences and daily routines;
- Users can set timed tasks, temperature schedules, and choose smart programming for personalized temperature control

### Home screen and wiring



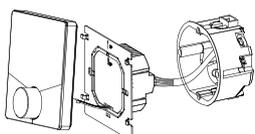
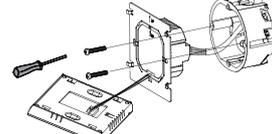
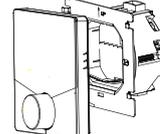
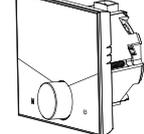
# Information & Technical Data

- Power Supply:** 95 ~240 VAC, 50~60Hz
- Current Load:** 5A (water heating, water/gas boiler), 16A (electric heating)
- Sensor:** NTC3950, 10K
- Accuracy:** ±1°C
- Set Temp. Range:** 5-35°C
- Room Temp. Range:** 5-70°C
- Display Temp. Range:** 5 ~ 70°C
- Ambient Temp.:** 0~ 45°C
- Ambient Humidity:** 5 ~ 95 % RH (Non Condensing)
- Storage Temp.:** -5~ 45°C
- Power Consumption:** <1.5W
- Timing Error:** < 1%
- Shell Material:** PC +ABS ( Fireproof), PMMA
- Installation Box:** 86 \* 86mm Square or European 60mm Round Box
- Wire Terminals:** Wire 2 x 1.5 mm<sup>2</sup> or 1 x 2.5 mm<sup>2</sup>
- Protection Class:** IP20
- Buttons:** Knob + touch button



## Installation

Your thermostat is suitable for installation within a standard 86mm square box or European 60mm round box.

<p>1. Accurately connect the power cable to the power terminal box.</p> 	<p>2. Fix the mounting plate on the cassette with a screwdriver through two screws.</p> 	<p>3. Hang the control panel onto the mounting plate.</p> 	<p>4. Installation completed</p> 
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## Operation During Power On

- Power On/off:** Press the knob to turn the thermostat on/off.
- Manual & Programmable**  
Touch  to change between manual mode  and programme mode . In manual mode, will show on the display, In programmable mode, will show on the display.
- Setting Temperature**  
In the programming mode, the temperature setting and time setting will be locked. If the user wants to adjust, he must first adjust the thermostat to manual mode by pressing the  key. In the manual mode, the desired temperature can be set by turning the knob.
- Adjusting/Setting the Clock**  
Press  to set minute, hour and weekday. and adjust the values by turning the knob. Press  once more to confirm and exit.
- Locking your Thermostat**  
Press and hold the  and  for 5 seconds to lock/unlock your thermostat. In item 3 of high senior options, you can select full lock or half lock.
- Adjusting/Setting the Programmable Schedules**  
Press icon  four times in a row. You can see " ① ② ③ ④ ⑤ " and , and the minutes of time are flashing. Turning the knob to set the minutes; Press the icon  again, the hour of the time will flash, set the hour by turning the knob;
- Setting the Functions and Options**  
During power off, Press and hold  and  for 8 sec. in the order to reach system function. Then press  to scroll through the available functions, and use turning the knob to change the available options. All settings are confirmed automatically.

Press the icon  again, the temperature setting will flash, set the temperature turning the knob; This completes the setting of periods1. In the same way, complete the settings of periods2, 3, 4, 5 and 6. Press the icon  once more to enter the Saturday schedule settings (you will see the ⑥ of the screen). Repeat the above process to set the period and temp. and ⑦ schedule. Press the icon  once more to confirm and exit.

Default settings for program schedule

Time display	MON.-FRI. (①②③④⑤ shows on screen)		SAT. (⑥ shows on screen)		SUN. (⑦ shows on screen)	
	TIME	TEMP.	ON TIME	TEMP.	ON TIME	TEMP.
Period 1	6:00-8:00	20	6:00-8:00	20	6:00-8:00	20
Period 2	8:00-11:30	15	8:00-11:30	20	8:00-11:30	20
Period 3	11:30-13:30	15	11:30-13:00	20	11:30-13:00	20
Period 4	13:30-17:00	15	13:30-17:00	20	13:30-17:00	20
Period 5	17:00-22:00	22	17:00-22:00	20	17:00-22:00	20
Period 6	22:00-6:00	15	22:00-6:00	15	22:00-6:00	15

A separate schedule may be set for weekdays (Mon – Fri) and for weekends (Sat or Sun).

### 7. Checking the Temperature of Floor Sensor

Press and hold the  arrow for 5 seconds to display the temp. of floor sensor. If no external sensor is connected, the thermostat will display "Er". Note: Do not use third-party external sensors, the temperature will be incorrect.

Code	Function	Setting and options	Default
1	Temperature compensation	-9 to 9 °C	-3
2	Deadzone Temp.	1-5°C	01
3	Button Locking	00:All buttons are locked except power button. 01:All buttons are locked.	01
4	Sensor typer	In: Internal Sensor(to control the temp.) Ou: External Sensor (to control the temp.) AL: Internal&External Sensor (Internal sensor to control the temp., external sensor to limit the temp.)	AL
5	Min.Set Temp.	5-15°C	05
6	Max.Set Temp.	15-45°C	35
7	Temp. display	00:Display set Temp. and Room Temp. 01:Only display set Temp.	00
8	Low temp. protection setting.	0-10°C	00

Code	Function	Setting and options	Default
9	High temp. protection setting.	25-70°C	45
10	Daytime display brightness (6:00-22:00)	0-8 When set to 0, the device will run for 10 seconds after inactivity. The screen will go completely off with no display.	03
11	Brightness display brightness (22:00-06:00)		01
12	Screen line standby brightness	1-5	1
13	Power collection_x0002_working voltage	0.24V, 1:100V, 2:110V, 3:120V, 4:220V, 5:230V	4
14	Month		Show only
15	Days		Show only
16	Reset	00: No factory reset; 01: Factory reset	00
17	Version number		U2

# ABOUT WIFI WI-FI Connection

## 1. Install Zigma

- A. Users can download Zigma app through googleplay or app store;
- B. Users can also open the browser, scan the QR code on the right, and download the Zigma app



Zigma APP



If need can Subscribe to AI

## 2. Configure the device

- a. Open zigma app and click "+" in the upper right corner(Fig1.1);
- b. Click Add a device(Fig1.2);
- c. Scan the QR code of the thermostat on the right (Fig1.4) and turn on the Bluetooth on your phone (Fig1.3);
- d. Select WiFi and input password (Requires 2.4GHz WiFi),Fig1.5;
- e. Put the device into pairing mode as shown (Fig1.6-Fig1.8).

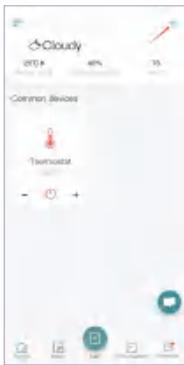


Fig1.1



Fig1.2

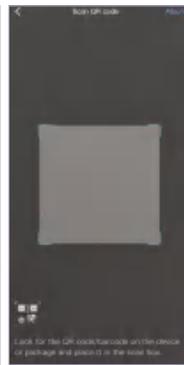


Fig1.3



Fig1.4



Fig1.5



Fig1.6

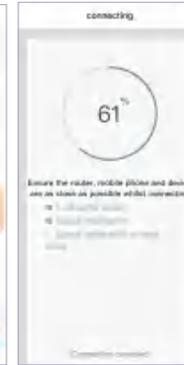


Fig1.7

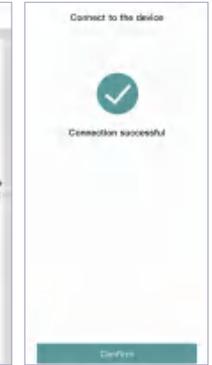


Fig1.8

## 3. APP application interface

Steps and operation for APP networking

**Main interface**

Settings

- Weekly programming ...
- temp Control Mode
- Output state
- Current working voltage
- Current current
- Current power
- Basic device settings
- Display on the home page
- Room management
- Device current version
- Device ...
- Restore factory settings

Three control mode options

Parameter setting

ChatGPT AI conversation

Power consumption data

Advanced parameter settings quickly

Using ChatGPT to converse with the AI and send direct commands for temperature control

Electricity saving

2024-03-04  
Temperature change

¥0.44

16:00 17:00

Total power consumption: 3.19 kWh  
Total expenditure: ¥4.15

Show energy savings from thermostat as money saved, for clear ROI

## Service

Your thermostat carries an 24 months warranty from date of purchase. Service out with the warranty period may incur a charge. More detail please contact with us directly.