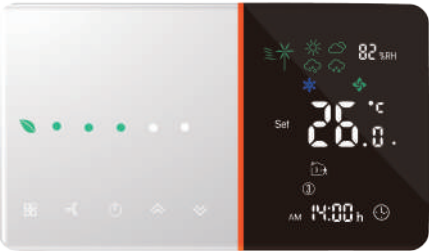


BAC-005 Series Thermostat

WiFi type User Guide



For FCU

Welcome

Thank you for your purchase. Please confirm that this product is suitable for your heating equipment before installation;

- *Before installation or maintenance, please make sure to keep the power off;
- *Please strictly follow the wiring diagram for wiring installation;
- *Installation to the wall, please confirm that the fasteners are suitable for this product;
- *Do not pull the cable too hard, otherwise the product will be damaged;
- *If a hard plastic wire is used in the installation process, it must be bent to an appropriate angle in advance;
- *Please arrange for professionals to install;
- *Please contact the after-sales service for equipment failure, please do not try to repair it yourself;
- *After installation, please refer to this manual to check again to ensure normal and safe use, and keep this manual properly.

In the box you will find

In the box you will find

Thermostat 1pc Screws 2pc User Guide 1pc
QC Passed 1pc

ABOUT YOUR THERMOSTATS

BAC- 005 series Modern square Touch Screen Room Thermostats are designed to on / off control FCU the fans and valves in air conditioner applications via comparison of the room temperature and setting temp. As reaching the aim of comfort and saving energy.

MODEL DEFINITION

A: Two pipe; Control Fan Coil Unit and Two Wired Motorized Valve
M: Two pipe; Control Fan Coil Unit and 0-10V Motorized Valve
E: Four pipe; Control Fan Coil Unit and Two Wired Heat Valve and Two Wired Cool Valve.
N: Modbus RTU communication
W : Wifi connection
Example: BAC-005 AW

FEATURES

On Appearance

- 1. Hidden LCD screen.
- 2. Touch operation buttons, the interaction is smoother.
- 3. Weather information display; 2.5D arc chamfer.
- 4. Ultra-thin embedded panel, perfectly fit all kinds of walls.
- 5. Suitable for European-style cassette & American-style cassette.
- 6. White is elegant, black is calm and classic.

On Functionality

- 1. Modbus, WIFI version, etc.,
- 2. Temperature control accuracy (±0.5°C), provide the temperature you want.
- 3. Power-off protection to avoid loss of settings;
- 4. Weekly 5+1+1 mode preset adjustment, 6 period programmable settings, energy saving, less expenditure, more environmental protection;
- 5. The thermostat supports local grouping/sharing, realizing unlimited centralized control of the number of products;
- 6. Support Tmall, Amazon echo, Google Home;
- 7. APP (ios/android) automatically obtains the local temperature and humidity, PM2.5, and creates smart scenes. It supports all regions and languages in the world and provides more comprehensive services

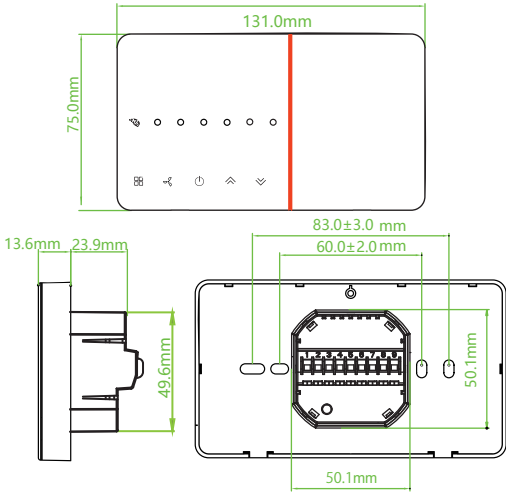
TECHNICAL DATA

Power Supply: 95 ~ 240 VAC, 50 ~ 60HZ
Fan Relay Amps Resistance: 5A; Inductive: 3A
Valve Relay Amps Resistance: 3A; Inductive: 1A
Sensor: NTC3950, 10K
Accuracy: ±0.5 °C
Ambient Temp.:0~45 °C
Shell Material: PC +ABS (Fireproof)
Buttons: Capacitive Touch Buttons
Ambient Humidity: 5 ~ 95 % RH (Non Condensing)
Storage Temp.:~5~ 45 C
Timing Error: < 1%
Installation Box: 86 * 86mm Square or European 60mm Round Box
Wire Terminals: Wire 2 X 1.5 mm² or 1 x2.5 mm²

Set Temp. Range: 5 -35 °C
Display Temp. Range: 5 ~ 99°C
Power Consumption: <1.5W
Protection Class: IP20

DIMENSION

Note: For European 60mm cassette only

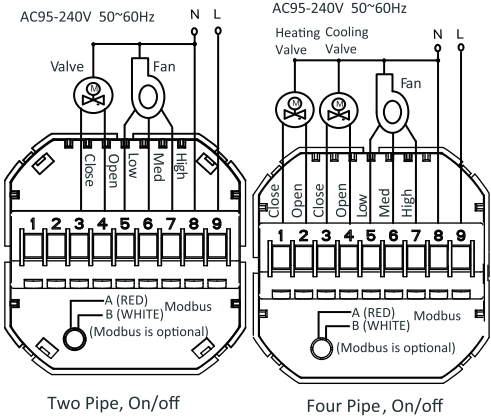


BEFORE WIRING AND INSTALLING

- 1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
- 2. Check the ratings given in the instructions and on the product to make sure the product is suitable for your application.
- 3. Installer must be a trained, experienced service technician.
- 4. After installation is complete, check out product operation as provided in these instructions.

Electrical Shock or Equipment Damage Hazard. Can shock individual or short equipment circuitry.Disconnect power supply before installation.

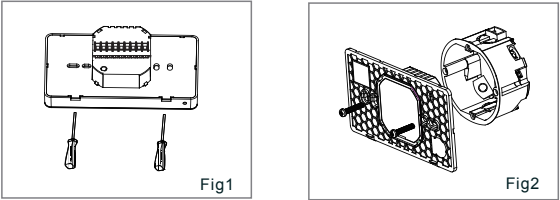
WIRING



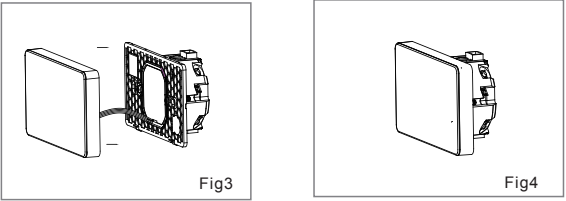
INSTALLATION

Your thermostat is suitable for installation within a standard European 60mm pattress box.

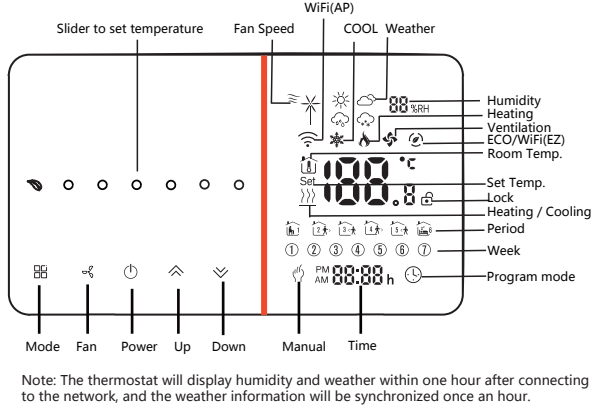
- Step 1: Use a screwdriver to pry open the mounting plate along the buckle position. After prying open, connect the cable to the screen and the power box without removing the cable.
- Step 2: Make sure that the wires are without electricity, connect the thermostat with the wires according to the wiring diagram, and then fix the mounting plate on the cassette with screws.



Step 3: Snap the thermostat screen and the mounting plate together to complete the installation. Power on for testing



HOME SCREEN QUICK REFERENCE



OPERATION

- 1.Power On/off: Press “ ” to turn the thermostat on/off.
- 2.Manual & Programmable
Touch and hold“ ”, “ ” icon will flash on the display, Touch “ ”, select Manual mode “ ”. Touch “ ”, select Programmable mode “ ”.
- 3.Setting Temperature
In the mode of manual, press “ ”/“ ”to set temperature. will display in below the middle of the screen.
- 4.Adjusting/Setting the Clock
Touch and hold“ ”, “ ” icon will flash on the display, Press“ ” again to set minute, hour and weekday. By using the“ ” “ ”.
- 5.Locking your Thermosta
Press and hold the“ ”/“ ” for 5 seconds to lock/unlock your thermostat In tem 3 of high senior options, you can select full lock or half lock.
- 6.Selecting System Mode
Press“ ” “ ”to change the system mode HEATING, COOLING and VENTILATION. In the mode of VENTILATION, the valve is off but the fan runs.
- 7.Setting the Fan Speed
On the Manual mode ,Press “ ”go to select the fan speed AUTO, HIGH, MED, LOW.

8.Adjusting/Setting the Programmable Schedules

WiFi version can be set in APP.
Non-wifi version, Touch and hold“ ”, “ ” icon will flash on the display, Touch “ ” “ ” 4 times to enter the programming mode setting. At this time, the screen displays (①②③④⑤), the "minute" of the time flashes, and the period 1 " ”. Press "Time" again to select and set the hour, temperature, and period. Press “ ” or “ ” to adjust the corresponding value.

Default settings for program schedule

Time display	MON.-FRI. (①②③④⑤ shows on screeen)		SAT. (⑥shows on screeen)		SUN. (⑦shows on screeen)	
	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	11:30~13:00	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

9.Setting the Functions and Options

When the power is off, press “ ” and “ ” at the same time for 5 seconds to enter the advanced selection setting. Press “ ” to select the function, press “ ” or “ ” to adjust the corresponding value. All advanced option settings will take effect automatically after restarting the thermostat.

Code	Function	Setting and options	Default
1	Temperature compensation	-9 to 9 °C	-3
2	Fan control	00:When room temp. reaches the set point,the fan will turn off 01:When room temp. reaches the set point,the fan will keep low speed running	00
3	Button Locking	00:All buttons are locked except power button. 01:All buttons are locked.	1
4	Mode Select Custom	00:Cooling / Ventilation. 01:Cooling / Heating / Ventilation.	01
5	Min.Set Temp.	5-15°C	5
6	Max.Set Temp.	15-45°C	35
7	12/24 hours	00:12h 01:24h	01
8	Display Mode	00: Display both set temp. and room temp. 01: Display set temp. only	00
9	Energy-saving Mode	00:Energy saving Mode 01:Non-energy saving Mode	00
10	Heating Energy-saving temperature	10-30°C	20
11	Cooling Energy-saving temperature	10-30°C	26
12	Deadzone Temp.	1-5 °C	1
13	Standby backlight brightness	3-99	4

ABOUT WIFI

WI-FI CONNECTION

Before using your Wi-Fi thermostat for the first time,you must configure the Wi-Fi signal and settings through your smartphone or tablet ,This will allow communication between your connecteddevices

Step 1 Downlod your APP （Fig1-1）



Search for "Smartlife" in Apple Store or Google Play or use a browser to scan the QR code above (Figure 1-2), and complete account registration and installation according to the guidance of the APP.

Step 2. Connect the thermostat
Check the tutorial below to complete the connection and setup.

Method 1: Scan the QR code to configure the network guide (Fig 2.1-Fig 2.3)



Method 2: Ordinary distribution network guidance (Fig. 2. 1&Fig. 2.3.1)



Fig2.3.1

Network distribution mode:

1. EZ Mode
When the thermostat is off, press and hold the "EZ" icon until the thermostat screen flashes quickly and displays the "EZ" icon, and then operate according to the following figure (Fig 2.4-Fig 2.7).

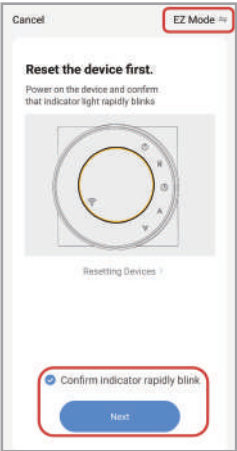


Fig2.4

2.AP Mode
When the thermostat is off, press and hold the "AP" icon until the thermostat screen flashes slowly and the "AP" icon is displayed (if the "AP" icon appears, continue to press the "AP" icon), and then operate according to the following figure (Fig 2.8-Fig 2.14).

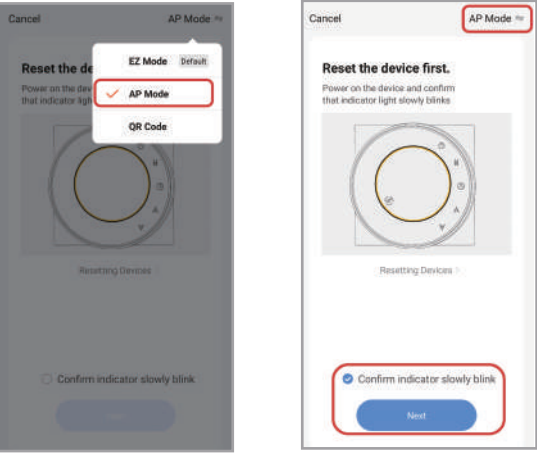


Fig2.8

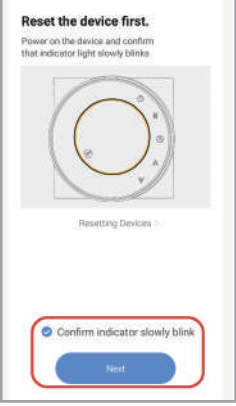
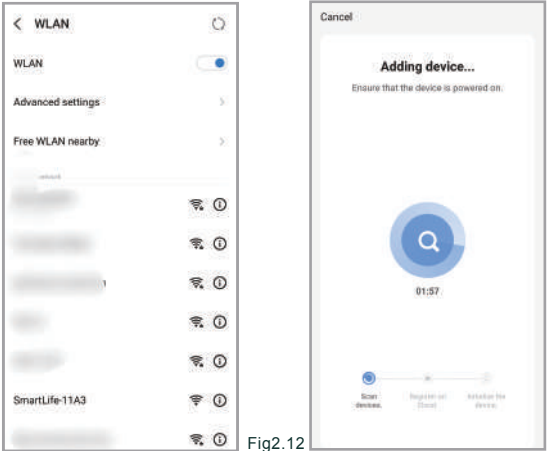


Fig2.9



After connecting to this hotspot, return to the "smartlife" APP

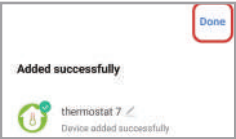
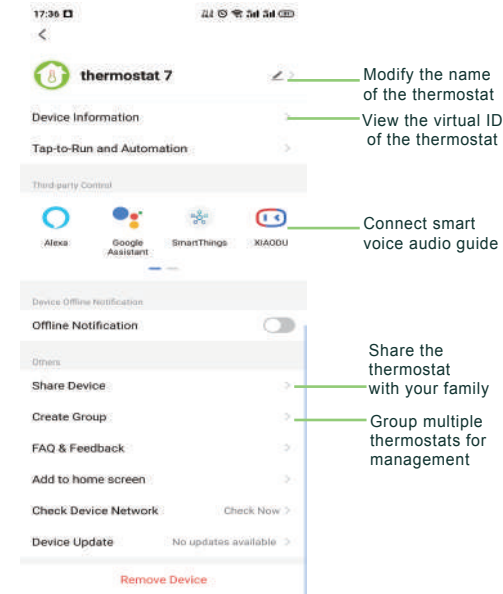


Fig2.14

MORESETTINGS



APP operation interface description (FCU thermostat)



SIMPLE EXCEPTION HANDLING

No.	Phenomenons	Handling
1	Power is on but without display.	* Check if the terminals between LCD panel and Power Unit Box is loosen.
2	Without output but display works.	* Use a new LCD panel or new Power Unit Box to replace the old one.
3	Room Temp. is a little different from the actual	*Do temperature calibration in item 1 of high senior options

SERVICE

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