



## Smart Thermostat Brochure



**Xiamen Beca Energysaving Technology Co.,Ltd**



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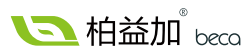
# 2026

**Fan Coil Thermostat Series**

Honest and Diligence , Focus and Dedication

# SMART HOME

Xiamen Beca Energysaving Technology Co., Ltd. is Building (2-1), Xiamen International Innovation Center, The industrial park is a national high-tech enterprise integrating R&D, manufacturing, sales and service. It provides products centered on HVAC and heating and heating control, including fan coil thermostats, water heating/electric heating/ boiler heating thermostat, wireless thermostat, radiator thermostat and heat pump thermostat, etc. We have three trademarks in China, US, UK and EU: 柏益加, BECA和BecaSmart



Customers : **Siemens, Trane, Carrier, DELTA, DEOS**

Certification: **CE, RoHS, FCC, ISO9001, SGS, TÜV SÜD.**

Values: **Honest and Diligence, Focus and Dedication.**

Belief: **Create excellent products with enduring value**

15+

Development

50+

Exporting countries

21

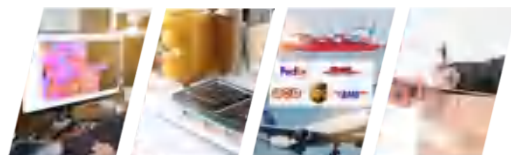
Patents

5

Software works



The system is mature



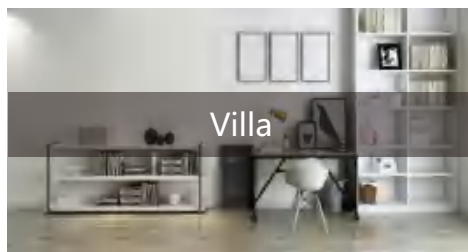
R&D

Production

Transport

Delivered on time

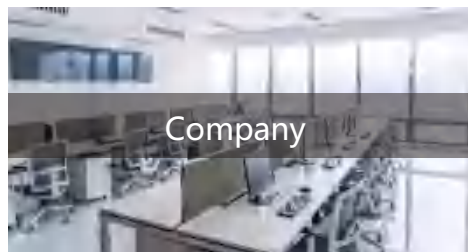
## Applications



Villa



Factory



Company



Mall

## Fan Coil Thermostat series Smart Thermostat Brochure

The central air conditioner thermostat, also known as the fan coil unit thermostat, is edited and controlled by the program and sends various signals to the actuator. hot and cold air valve, fan. So that the room temperature is constant at a comfortable .

BAC series intelligent programming thermostat is suitable for indoor temperature control of central air-conditioning fan coil system or air duct system. Users can set the operating system by themselves, and by comparing the indoor temperature with the set temperature, the fan coil, electric valve, electric ball valve or air valve, and heating equipment at the end of the air conditioning system can be opened and closed to adjust the indoor temperature. Provide a comfortable and energy-efficient home environment.

# BAC-001 Fan Coil Thermostat

## Product Features



01  
LCD integrated  
screen display

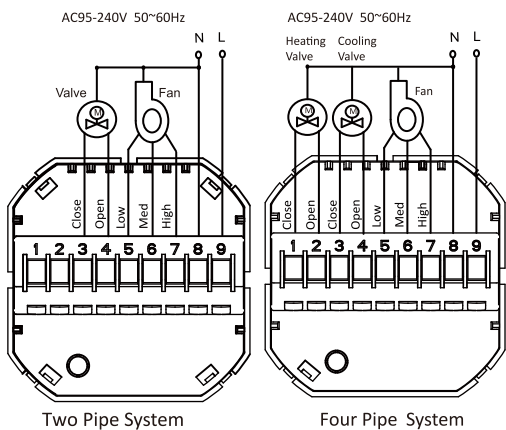


02  
Oval soft shape design

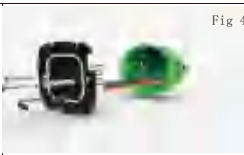
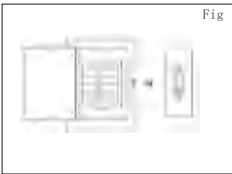


03  
PC flame retardant high  
transparency panel

## Wiring diagram



## Installation Steps



1. Turn off the main power supply;
2. Unscrew the installation panel by twisting the display frame;
3. Refer to the wiring diagram and Fig3, and connect the back cover circuit of the product
4. Fix the installation panel with the 60mm European-style cassette with screws, and embed it into the wall;
5. Rotate the display section back to the mounting panel.
6. Installation is complete

## Smart Home First Choice

Simple black and white design  
Understated luxury

Unique UI design interface  
all-in-one window  
Negative black screen



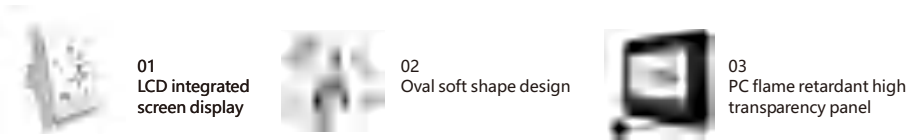


## BAC-001 Fan Coil Thermostat series Selection table

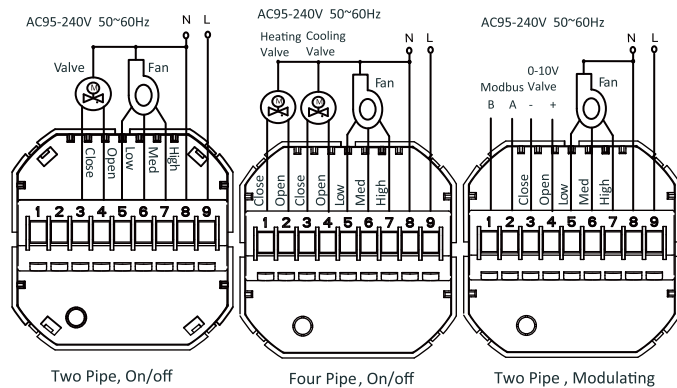
| No. | Model       | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |        |         |        |              |                 |          | Color |       |            |       |
|-----|-------------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|--------|---------|--------|--------------|-----------------|----------|-------|-------|------------|-------|
|     |             | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Zigbee | Keycard | Window | Programmable | External Sensor | Battery  | White | Black | Brushed SS | Other |
| 1   | BAC-001AL   | ✓            | ✓     | ✓       | ✓    |         | ✓       |       | ✓           |        | ✓                       | ✓                       |                       |              |            |      |        |         |        | ✓            |                 | Optional |       | ✓     |            |       |
| 2   | BAC-001ALN  | ✓            | ✓     | ✓       | ✓    |         | ✓       |       | ✓           |        | ✓                       | ✓                       |                       |              | ✓          |      |        |         |        | ✓            |                 |          |       | ✓     |            |       |
| 3   | BAC-001ALW  | ✓            | ✓     | ✓       | ✓    |         | ✓       |       | ✓           |        | ✓                       | ✓                       |                       |              |            | ✓    |        |         |        | ✓            |                 |          |       | ✓     |            |       |
| 4   | BAC-001ALZB | ✓            | ✓     | ✓       | ✓    |         | ✓       |       | ✓           |        | ✓                       | ✓                       |                       |              |            |      | ✓      |         |        | ✓            |                 |          |       | ✓     |            |       |
| 5   | BAC-001EL   | ✓            | ✓     | ✓       | ✓    |         | ✓       |       |             | ✓      | ✓                       | ✓                       |                       |              |            |      |        |         |        | ✓            |                 | Optional |       | ✓     |            |       |
| 6   | BAC-001ELN  | ✓            | ✓     | ✓       | ✓    |         | ✓       |       |             | ✓      | ✓                       | ✓                       |                       |              | ✓          |      |        |         |        | ✓            |                 |          |       | ✓     |            |       |
| 7   | BAC-001ELW  | ✓            | ✓     | ✓       | ✓    |         | ✓       |       |             | ✓      | ✓                       | ✓                       |                       |              |            | ✓    |        |         |        | ✓            |                 |          |       | ✓     |            |       |
| 8   | BAC-001ELZB | ✓            | ✓     | ✓       | ✓    |         | ✓       |       |             | ✓      | ✓                       | ✓                       |                       |              |            |      | ✓      |         |        | ✓            |                 |          |       | ✓     |            |       |
| 9   | BAC-001ML   | ✓            | ✓     | ✓       | ✓    |         | ✓       |       | ✓           |        |                         |                         | ✓                     |              |            |      |        |         |        | ✓            |                 | Optional |       | ✓     |            |       |
| 10  | BAC-001MLN  | ✓            | ✓     | ✓       | ✓    |         | ✓       |       | ✓           |        |                         |                         | ✓                     |              | ✓          |      |        |         |        | ✓            |                 |          |       | ✓     |            |       |
| 11  | BAC-001MLW  | ✓            | ✓     | ✓       | ✓    |         | ✓       |       | ✓           |        |                         |                         | ✓                     |              |            | ✓    |        |         |        | ✓            |                 |          |       | ✓     |            |       |

# BAC-002 Fan Coil Thermostat

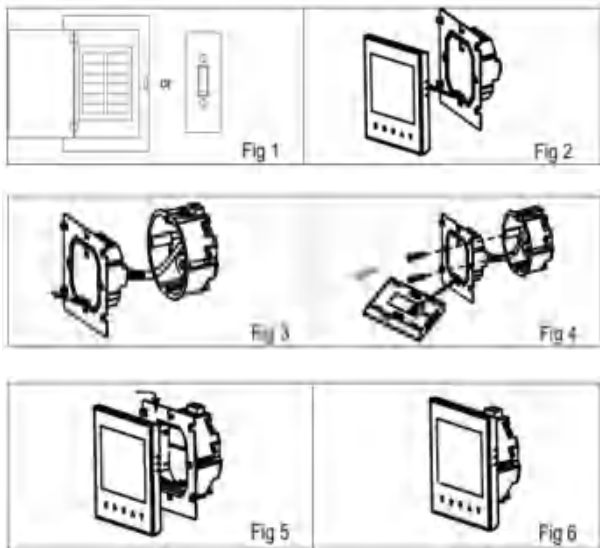
## Product Features



## Wiring diagram



## Installation Steps



1. After correctly connecting the power supply and equipment cables to the terminals of the power supply box, use a screwdriver to pass the screws through the mounting steel plate and fix them on the cassette.

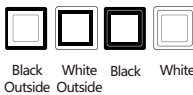
2. After the power box is fixed, connect the cable to the operation panel.

3. Put the operation panel against the installation steel plate and slide it down.  
4. Installation is complete

## Define a new mode of intelligent temperature control

Concave and convex panel design rejects old-fashioned monotony

Blue round switch button, smart and extraordinary  
No. 1 in B2C sales, best-selling in Europe and the United States  
WIFI/MODBUS optional





## BAC-002 Fan Coil Thermostat series

Selection table

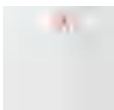
|     |               | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |        |         |        |               |                 | Color    |       |       |               |               |
|-----|---------------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|--------|---------|--------|---------------|-----------------|----------|-------|-------|---------------|---------------|
| No. | Model         | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Zigbee | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Black Outside | White Outside |
| 1   | BAC-002AL     | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √             | √             |
| 2   | BAC-002ALN    | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        |         |        |               |                 |          | √     | √     | √             | √             |
| 3   | BAC-002ALK    | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        | √       |        | √             |                 | Optional | √     | √     | √             | √             |
| 4   | BAC-002ALNE   | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        |         |        |               | √               |          | √     | √     | √             | √             |
| 5   | BAC-002ALW    | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |          | √     | √     | √             | √             |
| 6   | BAC-002ALZB   | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      | √      |         |        | √             |                 |          | √     | √     | √             | √             |
| 7   | BAC-002EL     | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √             | √             |
| 8   | BAC-002ELN    | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          |      |        |         |        |               |                 |          | √     | √     | √             | √             |
| 9   | BAC-002ELNK   | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          |      |        | √       |        |               |                 |          | √     | √     | √             | √             |
| 10  | BAC-002ELW    | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |          | √     | √     | √             | √             |
| 11  | BAC-002ELZB   | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      | √      |         |        | √             |                 |          | √     | √     | √             | √             |
| 12  | BAC-002ELNE   | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          |      |        |         |        |               | √               |          | √     | √     | √             | √             |
| 13  | BAC-002ML     | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √             | √             |
| 14  | BAC-002MLN    | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              | √          |      |        |         |        |               |                 |          | √     | √     | √             | √             |
| 15  | BAC-002MLW    | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            | √    |        |         |        | √             |                 |          | √     | √     | √             | √             |
| 16  | BAC-002ML-Fan | √            | √     | √       | √    |         |         | √     | √           |        | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √             | √             |

# BAC-003 Fan Coil Thermostat

## Product Features



01  
Borderless  
tempered  
glass panel

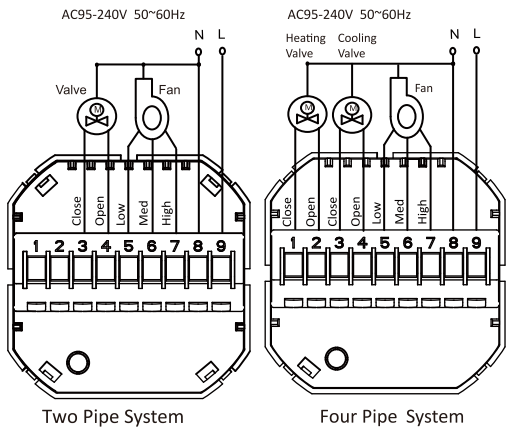


02  
LED color display

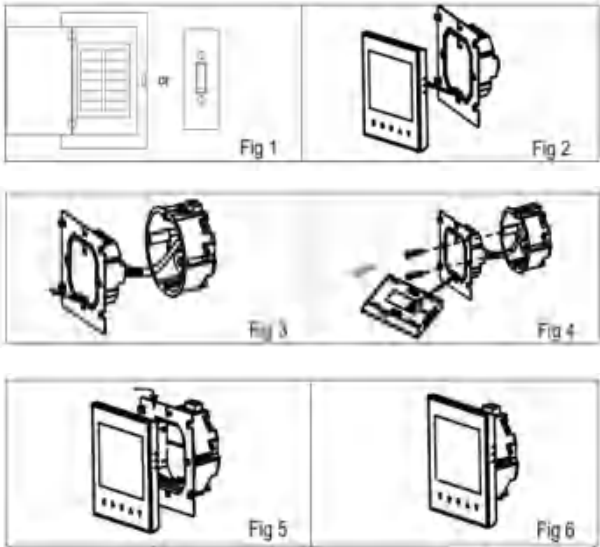


03  
Sensitive capacitive  
touch buttons

## Wiring diagram



## Installation Steps



1. After correctly connecting the power supply and equipment cables to the terminals of the power supply box, use a screwdriver to pass the screws through the mounting steel plate and fix them on the cassette.

2. After the power box is fixed, connect the cable to the operation panel.

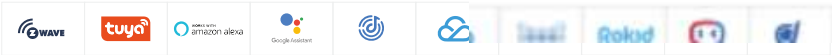
3. Put the operation panel against the installation steel plate and slide it down.  
4. Installation is complete

## Elegance in the details

Pure black / pure white classic appearance color matching rejects old-fashioned monotony

Tempered glass panel leaves no scratches, easy to clean  
Wall visible thickness 12mm  
Support ODM/OEM function customization

Black White (Other colors can be customized)





## BAC-003 Fan Coil Thermostat series Selection table

|     |           | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |         |        |               |                 | Color    |       |       |         |
|-----|-----------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|---------|--------|---------------|-----------------|----------|-------|-------|---------|
| No. | Model     | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Other   |
| 1   | BAC-003A  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |
| 2   | BAC-003AN | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |         |        |               |                 |          | √     | √     | Pending |
| 3   | BAC-003AW | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |
| 4   | BAC-003E  | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |
| 5   | BAC-003EN | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          |      |         |        |               |                 |          | √     | √     | Pending |
| 6   | BAC-003EW | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |
| 7   | BAC-003M  | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |
| 8   | BAC-003MN | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              | √          |      |         |        |               |                 |          | √     | √     | Pending |
| 9   | BAC-003MW | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |

# BAC-005 Fan Coil Thermostat

## Product Features



01  
Black and white piano  
contrast color

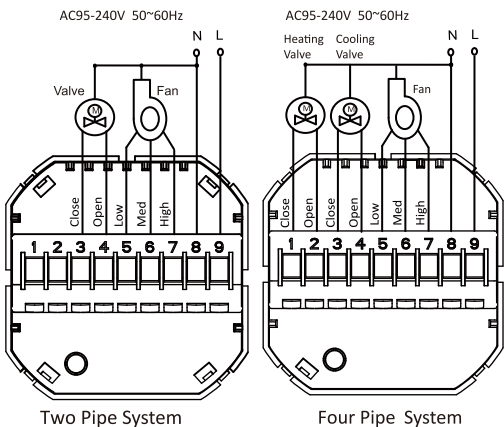


02  
LCD colorful  
display



03  
2.5D invisible border  
window

## Wiring diagram



## Installation Steps

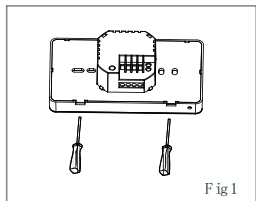


Fig 1

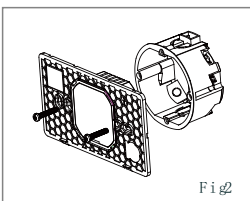


Fig 2

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.(Fig1).

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(Fig2).

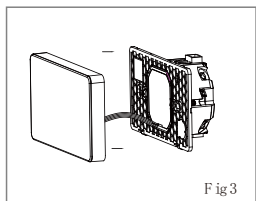


Fig 3

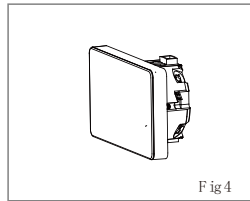


Fig 4

Step 3 : Snap the thermostat screen and the mounting plate together to complete the installation.Power on for testing.(Fig3)

Step 4 : Installation complete.(Fig4).

## Fashion horizontal screen sliding temperature control

Feel the warmth and touch life

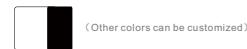
Black+white acrylic panel, easy to clean, flame resistant

Wall visible thickness 13.6mm

Cooling/heating/ventilation/energy saving

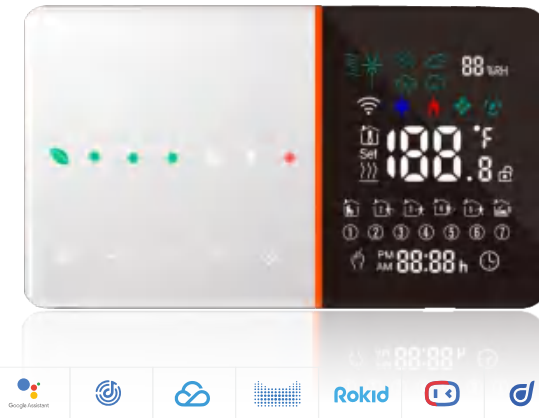
multi-mode selection

Manual/automatic operation mode can be switched arbitrarily



Black + white

( Other colors can be customized )





## BAC-005 Fan Coil Thermostat series Selection table

|     |           | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |         |        |               |                 | Color    |             |         |
|-----|-----------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|---------|--------|---------------|-----------------|----------|-------------|---------|
| No. | Model     | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Keycard | Window | Program mable | External Sensor | Battery  | White/Black | Other   |
| 1   | BAC-005A  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √           | Pending |
| 2   | BAC-005AN | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |         |        |               |                 |          | √           | Pending |
| 3   | BAC-005AW | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √           | Pending |
| 4   | BAC-005E  | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √           | Pending |
| 5   | BAC-005EN | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          |      |         |        |               |                 |          | √           | Pending |
| 6   | BAC-005EW | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √           | Pending |
| 7   | BAC-005M  | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |         |        | √             |                 | Optional | √           | Pending |
| 8   | BAC-005MN | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              | √          |      |         |        |               |                 |          | √           | Pending |
| 9   | BAC-005MW | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            | √    |         |        | √             |                 |          | √           | Pending |

# BAC-006 Fan Coil Thermostat

## Product Features



01  
Borderless Rounded  
Acrylic Panel

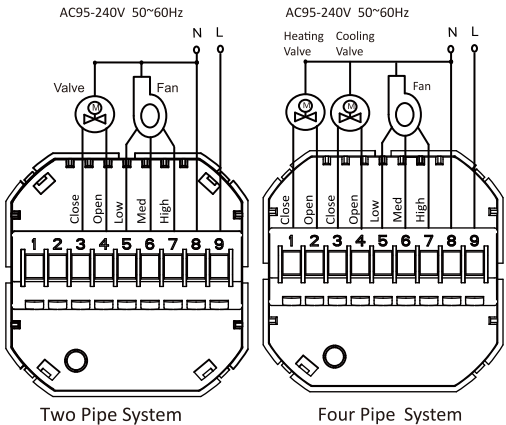


02  
LED four-color  
digital display

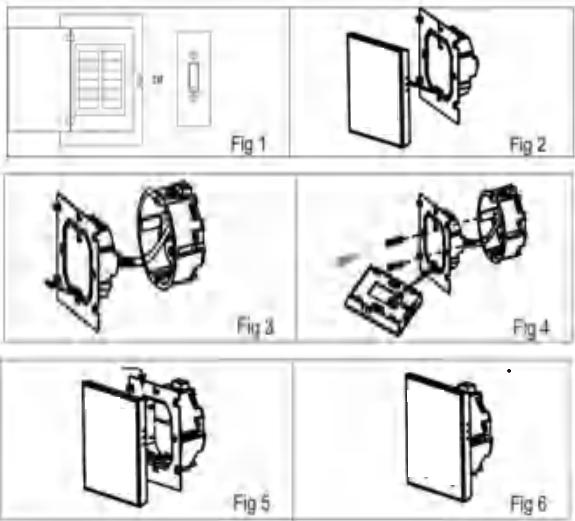


03  
Patented disassembly  
and installation

## Wiring diagram



## Installation Steps



Step 1. Keep power off. See Fig 1.  
Step 2. Push the LCD assembly up and down to remove the mounting plate. See Fig 2.

Step 3. Connect power supply, load into the appropriate terminals. (see "Wiring your thermostat" for details and Fig 3).  
Step 4. Fix the mounting plate into the wall with screws in the box. See Fig 4.

Step 5. Fasten body of thermostat and the mounting plate through rotating. See Fig 5.  
Step 6. Installation complete. See Fig 6.

## Enjoy the freedom of vision

Simple white + elegant black two-color modeling light luxury style

Frameless Hardened Acrylic Multicolor Lenses

Thin and light with a thickness of 11.9mm

Suitable for temperature control such as central air conditioner/fan coil unit

Widely used for intelligent temperature control in home/office environment

Black White (Other colors can be customized)



Smart temperature  
adjustment  
Energy saving, environmental  
protection and electricity  
saving



## BAC-006 Fan Coil Thermostat series Selection table

|     |           | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |         |        |               |                 | Color    |       |       |         |
|-----|-----------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|---------|--------|---------------|-----------------|----------|-------|-------|---------|
| No. | Model     | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Other   |
| 1   | BAC-006AW | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |
| 2   | BAC-006EW | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |
| 3   | BAC-006M  | √            | √     | √       | √    |         |         | √     | √           |        |                         |                         | √                     |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |

# BAC-007 Fan Coil Thermostat

## Product Features



01  
Full screen small  
rounded acrylic lens

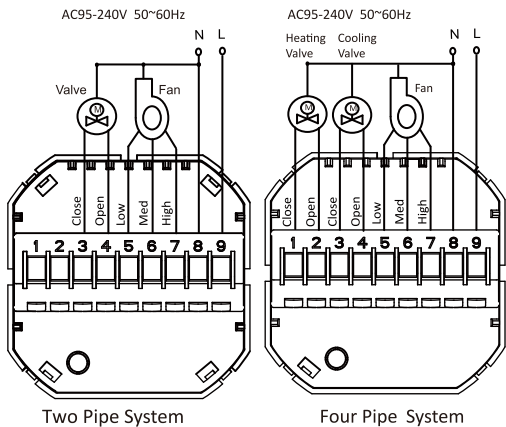


02  
Engineering quality  
Super cost-effective

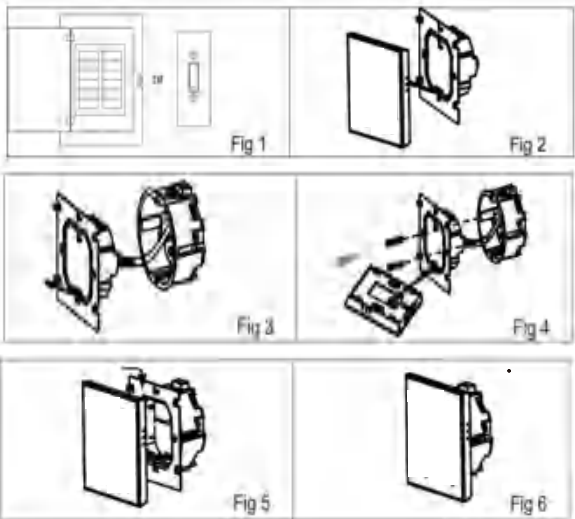


03  
Patented disassembly  
and installation

## Wiring diagram



## Installation Steps



Step 1. Keep power off. See Fig 1.  
Step 2. Push the LCD assembly up and down to remove the mounting plate. See Fig 2.

Step 3. Connect power supply, load into the appropriate terminals. (see "Wiring your thermostat" for details and Fig 3).  
Step 4. Fix the mounting plate into the wall with screws in the box. See Fig 4.

Step 5. Fasten body of thermostat and the mounting plate through rotating. See Fig 5.  
Step 6. Installation complete. See Fig 6.



## Designed for lightweight home systems

Bring you a high-quality temperature control experience

- Full screen LED multi-color digital display
- Simple UI interactive interface
- Engineering control mode that removes unnecessary cumbersome functions
- Built-in memory storage, even if the power is suddenly turned off, the set data will not be lost

Black White (Other colors can be customized)





## BAC-007 Fan Coil Thermostat series

Selection table

|     |          | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |         |        |               |                 | Color    |       |       |         |
|-----|----------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|---------|--------|---------------|-----------------|----------|-------|-------|---------|
| No. | Model    | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Other   |
| 1   | BAC-007A | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |
| 2   | BAC-007E | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |

# BAC-008 Fan Coil Thermostat

## Product Features



01  
Black+White



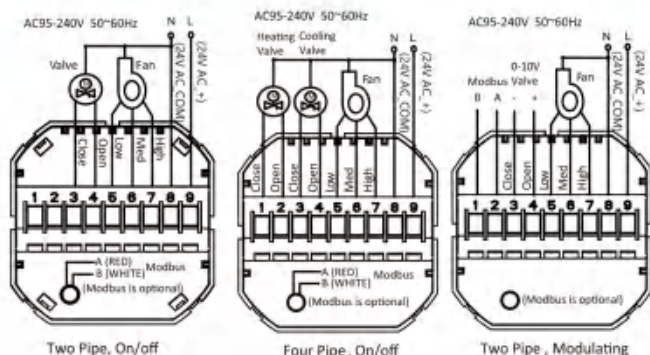
02  
LED no window  
acrylic lens



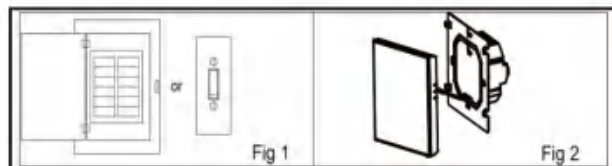
03  
Patented disassembly,  
convenient installation

Please check the information laser printed on the back of the thermostat for the actual voltage.

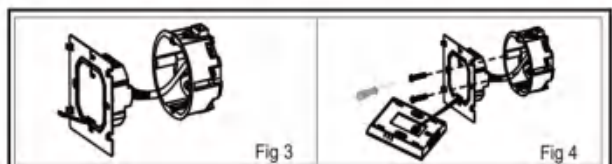
## Wiring



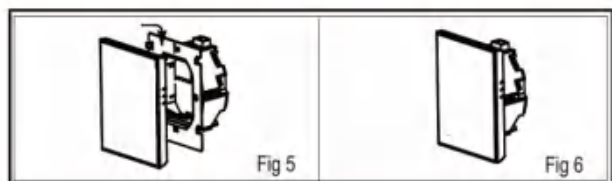
## Basic information



Step 1. Keep power off. See Fig 1.  
Step 2. Remove the mounting plate by pushing the LED assembly. See Fig 2.



Step 3. Connect the power supply and load it into the appropriate terminals.(See "Wiring your thermostat" for details and Figure 3).  
Step 4. Securely fix the mounting plate to the wall with screws.



Step 5. Fasten body of thermostat and the mounting plate through rotating. See Fig 5.  
Step 6. Installation complete. See Fig 6.



## Enjoy high intellectual life

The highly integrated chip brings you a more stable temperature control experience, which is the ideal choice for your home temperature control



[Other colors can be customized]



## BAC-008 Series Fan Coil Thermostat

Create excellent products with enduring value



## BAC-008 Fan Coil Thermostat

Selection table

|     |           | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |         |        |               |                 | Color    |       |       |         |
|-----|-----------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|---------|--------|---------------|-----------------|----------|-------|-------|---------|
| No. | Model     | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Other   |
| 1   | BAC-008A  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |
| 2   | BAC-008AW | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |
| 3   | BAC-008E  | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |
| 4   | BAC-008EW | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |

# BAC-009 Konb FCU Thermostat

## Product Features



01  
Black+White



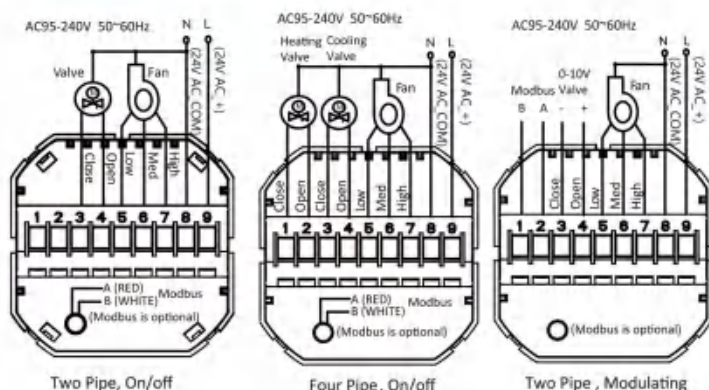
02  
Knob color light effect



03  
Patent appearance

Please check the information laser printed on the back of the thermostat for the actual voltage.

## Wiring



## Basic information

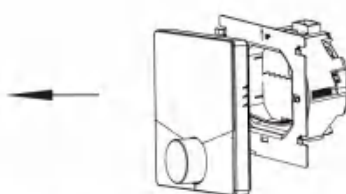


1, Turn off the main power supply before installation, and separate the installation panel by sliding the display frame. Connect the line of the back cover of the product by referring to the wiring diagram and the picture above;

2, use screws to install the panel with 60mm European cartridges Fixed, embedded in the wall;



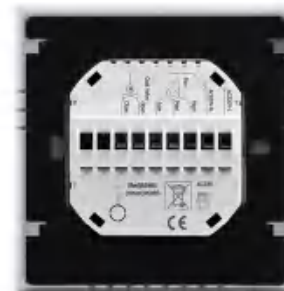
4. The installation is complete.



3. Install the display part back to the installation panel;

## Rotary temperature control lights up the beauty

Three-dimensional appearance with dazzling color equivalent, carefully embellish your life



BAC-009  
Fan Coil Thermostat





## New! Smart Knob Thermostat

Retro knob temperature control with modern  
simple interface design

Elegant and generous with a sense of wisdom



## BAC-009 Knob Fan Coil Thermostat

Selection table

|     |           | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |         |        |               |                 | Color    |       |       |         |
|-----|-----------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|---------|--------|---------------|-----------------|----------|-------|-------|---------|
| No. | Model     | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Other   |
| 1   | BAC-009A  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |
| 2   | BAC-009AW | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |
| 3   | BAC-009E  | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |
| 4   | BAC-009EW | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |

# BAC-18 Smart Knob Thermostat

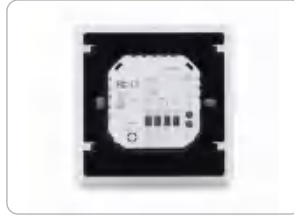
## Features



Frameless acrylic,  
minimalist and elegant.

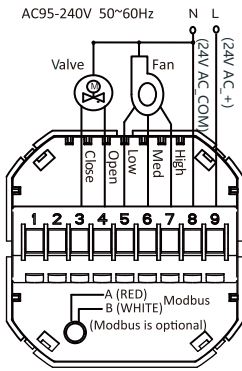


Ultra-thin embedded panel,  
perfectly fitting any wall.

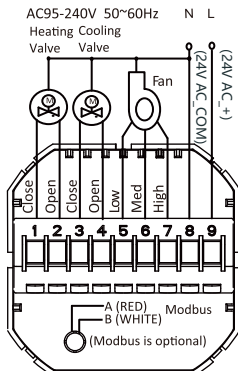


Fits 86mm square and 60mm European boxes,  
adaptable to any installation.

## Dimensions and appearance



Two Pipe, On/off

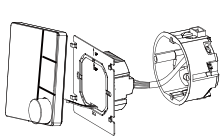


Four Pipe, On/off

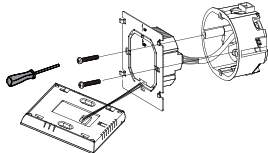
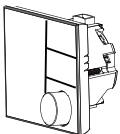
## Installation instructions

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

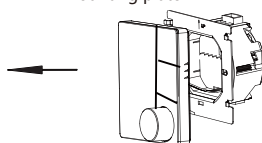
1. Accurately connect the power cable to the power terminal box.
2. Fix the mounting plate on the cassette with a screwdriver through two screws.



4. Installation completed



3. Hang the control panel onto the mounting plate



## Knob with large touch button, for easy temperature control.

Precise physical feedback, blending aesthetics and functionality.



black white black+white (Other colors can be customized)

# Compatible with various modern styles

Dynamic rainbow lighting, enhancing your home's visual appeal.



BAC-18 Smart Knob Thermostat Selection Table

|     |        | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |         |        |               |                 | Color    |       |       |             |         |
|-----|--------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|---------|--------|---------------|-----------------|----------|-------|-------|-------------|---------|
| No. | Model  | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Black+white | Other   |
| 1   | BAC-18 | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | √           | Pending |
| 2   | BAC-18 | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | √           | Pending |
| 3   | BAC-18 | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | √           | Pending |
| 4   | BAC-18 | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | √           | Pending |

# BAC-800 Fan Coil Thermostat

## Product Features



86\*86 square shape with chamfered corners

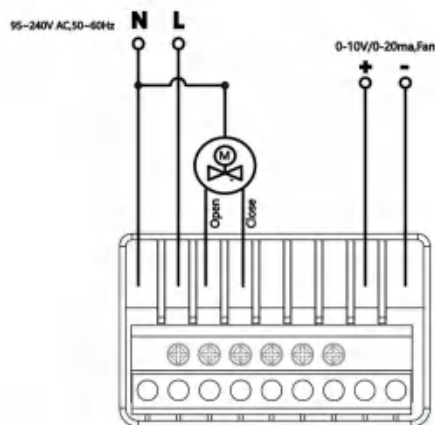


Round LCD screen

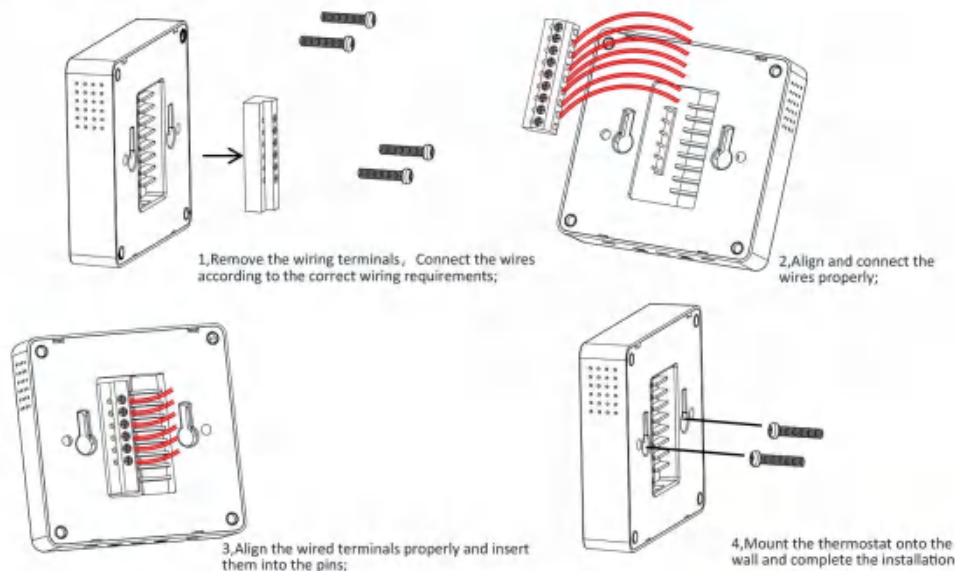


Wall mounting

## Wiring



## Basic information



## Φ 50mm Large front LCD screen

Light blue soft backlight protects your eyes

Connect to Tuya platform and support WiFi network remote control

White  
(Other colors can be customized)



Wall-mounted installation / Programmable temperature control /  
LCD front display / light blue backlight

# BAC-800

Wall mounted thermostat

## BAC-800 Fan Coil Thermostat

Selection

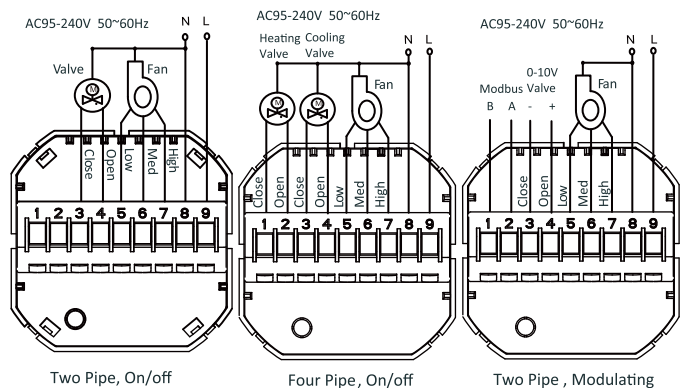
| No. | Model      | Power Supply       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |         |        |               |                 |         | Color |       |
|-----|------------|--------------------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|---------|--------|---------------|-----------------|---------|-------|-------|
|     |            | 220VAC or 24VAC/DC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Keycard | Window | Program mable | External Sensor | Battery | White | Black |
| 1   | BAC-800AL  | √                  | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |         |        | √             |                 |         | √     |       |
| 2   | BAC-800ALN | √                  | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |         |        | √             |                 |         | √     |       |
| 3   | BAC-800ALW | √                  | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |         |        | √             |                 |         | √     |       |
| 4   | BAC-800EL  | √                  | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |         |        | √             |                 |         | √     |       |
| 5   | BAC-800ELN | √                  | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          |      |         |        | √             |                 |         | √     |       |
| 6   | BAC-800ELW | √                  | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |         |        | √             |                 |         | √     |       |
| 7   | BAC-800ML  | √                  | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |         |        | √             |                 |         | √     |       |
| 8   | BAC-800MLN | √                  | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              | √          |      |         |        | √             |                 |         | √     |       |
| 9   | BAC-800MLW | √                  | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            | √    |         |        | √             |                 |         | √     |       |

# BAC-1000 Fan Coil Thermostat

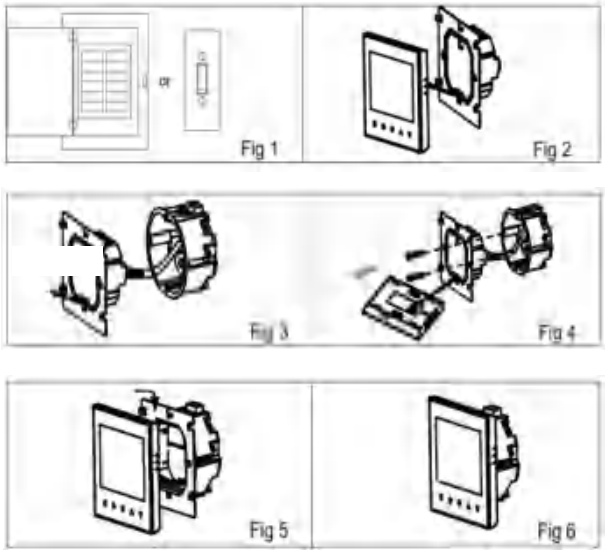
## Product Features



## Wiring diagram



## Installation Steps



1. After correctly connecting the power supply and equipment cables to the terminals of the power supply box, use a screwdriver to pass the screws through the mounting steel plate and fix them on the cassette.

2. After the power box is fixed, connect the cable to the operation panel.

3. Put the operation panel against the installation steel plate and slide it down.  
4. Installation is complete

## Minimalist look

Wisdom is extraordinary

Push-up installation, bid farewell to the era of tools

Flush Mount Design

Clearly visible thinness that blends into a variety of home styles

Support ODM/OEM function customization





## BAC-1000 Fan Coil Thermostat series Selection table

|     |                | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |        |         |        |               |                 |          | Color |       |      |      |        | Button light |      |  |
|-----|----------------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|--------|---------|--------|---------------|-----------------|----------|-------|-------|------|------|--------|--------------|------|--|
| No. | Model          | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Zigbee | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Pink | Gold | Silver | One          | Four |  |
| 1   | BAC-1000AL     | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √    | √      | √            |      |  |
| 2   | BAC-1000ALN    | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        |         |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 3   | BAC-1000ALK    | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        | √       |        | √             |                 | Optional | √     | √     | √    | √    | √      |              |      |  |
| 4   | BAC-1000ALNK   | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        | √       |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 5   | BAC-1000ALNW2  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        |         | √      |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 6   | BAC-1000ALNE   | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        |         |        |               | √               |          |       | √     | √    | √    | √      | √            |      |  |
| 7   | BAC-1000ALE    | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        |         |        | √             | √               | Optional | √     | √     | √    | √    | √      |              |      |  |
| 8   | BAC-1000ALW    | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 9   | BAC-1000EL     | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √    | √      | √            | √    |  |
| 10  | BAC-1000ELN    | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          |      |        |         |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 11  | BAC-1000ELNK   | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          |      |        | √       |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 12  | BAC-1000ELW    | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 13  | BAC-1000ML     | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √    | √      | √            | √    |  |
| 14  | BAC-1000MLN    | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              | √          |      |        |         |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 15  | BAC-1000EML    | √            | √     | √       | √    |         | √       |       |             | √      |                         |                         | √                     |              |            |      |        |         |        | √             |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 16  | BAC-1000EMLN   | √            | √     | √       | √    |         | √       |       |             | √      |                         |                         | √                     |              | √          |      |        |         |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 17  | BAC-1000MLK    | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |        | √       |        | √             |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 18  | BAC-1000MLW    | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            | √    |        |         |        | √             |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 19  | BAC-1000ML-Fan | √            | √     | √       | √    |         |         | √     | √           |        | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √    | √      | √            |      |  |
| 20  | BAC-1000DL     | √            | √     |         | √    |         |         |       |             |        |                         |                         |                       | √            |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √    | √      |              |      |  |
| 21  | BAC-1000DLN    | √            | √     |         | √    |         |         |       |             |        |                         |                         |                       | √            | √          |      |        |         |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 22  | BAC-1000DX1    | √            |       | √       |      |         | √       |       | 1 Stage     |        |                         |                         |                       |              |            |      |        |         |        |               | √               |          |       | √     | √    | √    | √      | √            |      |  |
| 23  | BAC-1000DX2    |              | √     | √       |      | √       |         |       | 2 Stage     |        |                         |                         |                       |              |            |      |        |         |        |               | √               |          |       | √     | √    | √    | √      | √            |      |  |
| 24  | BAC-1000DX3    | √            |       | √       |      |         | √       |       | 2 Stage     |        |                         |                         |                       |              | √          |      |        |         |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 25  | BAC-1000DX4    | √            |       | √       |      | √       |         |       | 2 Stage     |        |                         |                         |                       |              | √          |      |        |         |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 26  | BAC-1000DX5    |              | √     | √       |      | √       |         |       | 2 Stage     |        |                         |                         |                       |              | √          |      |        |         |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 27  | BAC-1000DX6    |              | √     | √       |      |         | √       |       | 2 Stage     |        |                         |                         |                       |              | √          |      |        |         |        |               |                 |          |       | √     | √    | √    | √      | √            |      |  |
| 30  | BAC-1000DX1W   | √            |       | √       |      |         | √       |       | 1 Stage     |        |                         |                         |                       |              |            |      |        |         |        |               | √               |          |       | √     | √    | √    | √      | √            |      |  |

# BAC-2000 Fan Coil Thermostat

## Product Features



01  
Mirror glass  
acrylic selection

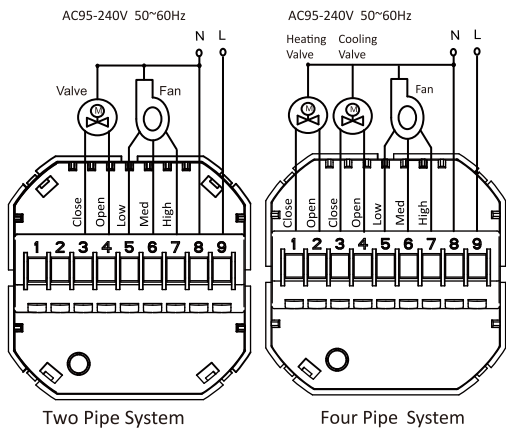


02  
Simple operation  
interface

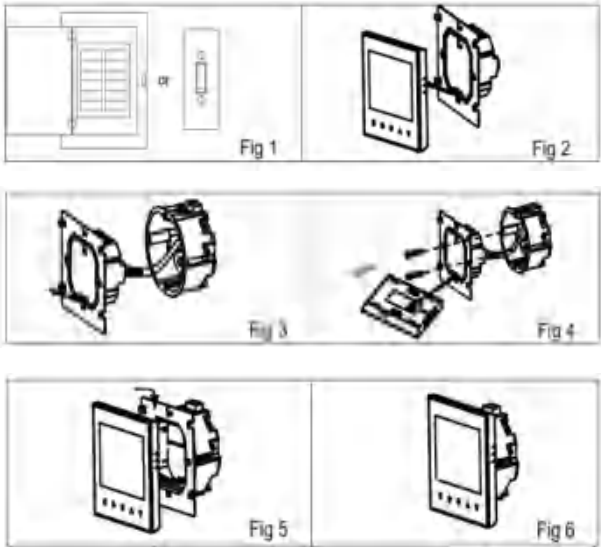


03  
Luxury piano brushed top

## Wiring diagram



## Installation Steps



1. After correctly connecting the power supply and equipment cables to the terminals of the power supply box, use a screwdriver to pass the screws through the mounting steel plate and fix them on the cassette.

2. After the power box is fixed, connect the cable to the operation panel.

3. Put the operation panel against the installation steel plate and slide it down.  
4. Installation is complete

## Enjoy smart life easily

Matte silver border  
Flush Mount Design  
Clearly visible thinness that blends into a variety of home styles  
Support ODM/OEM function customization

Black White Silver Pink Gold (Other colors can be customized)





## BAC-2000 Fan Coil Thermostat series Selection table

| No. | Model        | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |        |         |        |               |                 |          | Color |       |      |            | Button light |      |
|-----|--------------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|--------|---------|--------|---------------|-----------------|----------|-------|-------|------|------------|--------------|------|
|     |              | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Zigbee | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Pink | Brushed SS | One          | Four |
| 1   | BAC-2000AL   | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        |         |        |               |                 | Optional | √     | √     | √    | √          | √            |      |
| 2   | BAC-2000ALN  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        |         |        |               |                 |          | √     | √     | √    | √          |              |      |
| 3   | BAC-2000ALK  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        | √       |        | √             |                 | Optional | √     | √     | √    | √          |              |      |
| 4   | BAC-2000ALNK | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        | √       |        |               |                 |          | √     | √     | √    | √          |              |      |
| 5   | BAC-2000ALW  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |          | √     | √     | √    | √          |              |      |
| 6   | BAC-2000ALZB | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      | √      |         |        | √             |                 |          | √     | √     | √    | √          |              |      |
| 7   | BAC-2000EL   | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √          | √            |      |
| 8   | BAC-2000ELN  | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          |      |        |         |        |               |                 |          | √     | √     | √    | √          |              |      |
| 9   | BAC-2000ELW  | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |          | √     | √     | √    | √          |              |      |
| 10  | BAC-2000ELZB | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      | √      |         |        | √             |                 |          | √     | √     | √    | √          |              |      |
| 11  | BAC-2000ML   | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √          | √            |      |
| 12  | BAC-2000MLN  | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              | √          |      |        |         |        |               |                 |          | √     | √     | √    | √          |              |      |
| 13  | BAC-2000MLK  | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |        | √       |        | √             |                 |          | √     | √     | √    | √          |              |      |
| 14  | BAC-2000MLNK | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              | √          |      |        | √       |        |               |                 |          | √     | √     | √    | √          |              |      |

# BAC-2001 Smart Knob Thermostat

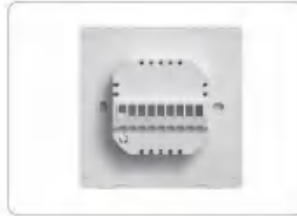
## Features



TFT full-screen touch control screen  
Simple and elegant

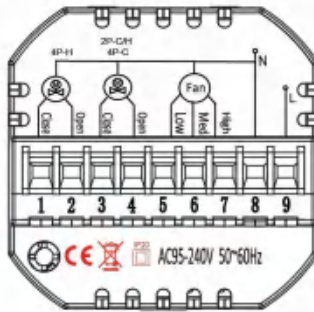


Interface colors change with mode



Fits 86mm square and 60mm European boxes,  
adaptable to any installation.

## Wiring

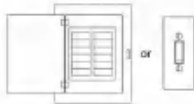


2P-C/H: 2pipe system, equipped with hot and cold valves  
4P-C: 4Piping system, cooling valves  
4P-H: 4Piping system heating valve

## Installation instructions

This product is suitable for installation in standard 86mm square junction boxes or 60mm European junction boxes. The following is the installation

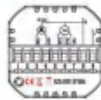
1. Keep the power off.



2. Remove the mounting plate



3. Connect the power supply, load, and external (floor) sensor (see the thermostat wiring diagram). If an external sensor is present, connect it to the appropriate terminal.



4. Use the screws provided in the packaging box to secure the mounting plate to the wall.



5. Secure the thermostat body to the mounting plate using the groove.



## The full-touch central control screen defines a new generation of temperature control experience.

TFT full-color display · Futuristic interaction · Naturally integrated into the space



Black White (Other colors are available upon request)

# Multi-device group management, designed for diverse scenarios and engineering applications

Precise temperature control and centralized management



## BAC-2001 Smart Knob Thermostat Selection Table

| No. | Model                      | Power Supply  | Application |                   | Fan     |       | Other Control |        |                            |                        |         | Additional |        | Color |       |
|-----|----------------------------|---------------|-------------|-------------------|---------|-------|---------------|--------|----------------------------|------------------------|---------|------------|--------|-------|-------|
|     |                            | 24/220 VAC/DC | FCU only    | FCU Water Heating | 3 speed | 0-10V | 2-pipe        | 4-pipe | 2/3 wired Motorized Valve* | 0-10V Motorized Valve* | 2 stage | WiFi       | Zigbee | Black | White |
| 1   | BAC-2001-A/E               | √             | √           |                   | √       |       | √             | √      | √                          |                        |         |            |        | √     | √     |
| 2   | BAC-2001-A/E-W             | √             | √           |                   | √       |       | √             | √      | √                          |                        |         | √          |        | √     | √     |
| 3   | BAC-2001-A/E-ZB            | √             | √           |                   | √       |       | √             | √      | √                          |                        |         |            | √      | √     | √     |
| 4   | BAC-2001-A/EL-MFV-W        | √             | √           |                   |         | √     | √             | √      |                            | √                      |         | √          |        | √     | √     |
| 5   | BAC-2001-A-GA-W            | √             | √           | √                 | √       |       | √             |        | √                          |                        |         | √          |        | √     | √     |
| 6   | BAC-2001-A/E-FV-ZB         | √             | √           |                   |         | √     | √             | √      | √                          |                        |         |            | √      | √     | √     |
| 7   | BAC-2001-A/E-FV-W          | √             | √           |                   |         | √     | √             | √      | √                          |                        |         | √          |        | √     | √     |
| 8   | BAC-2001-A/E-GA-2 STAGE-ZB | √             | √           | √                 | √       |       | √             |        | √                          |                        | √       |            | √      | √     | √     |

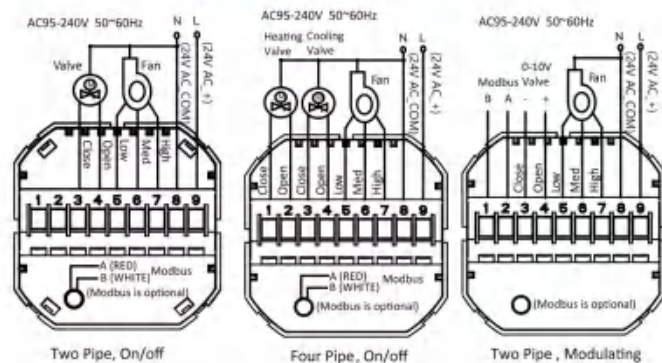
# BAC-2002 Fan Coil Thermostat

## Product Features

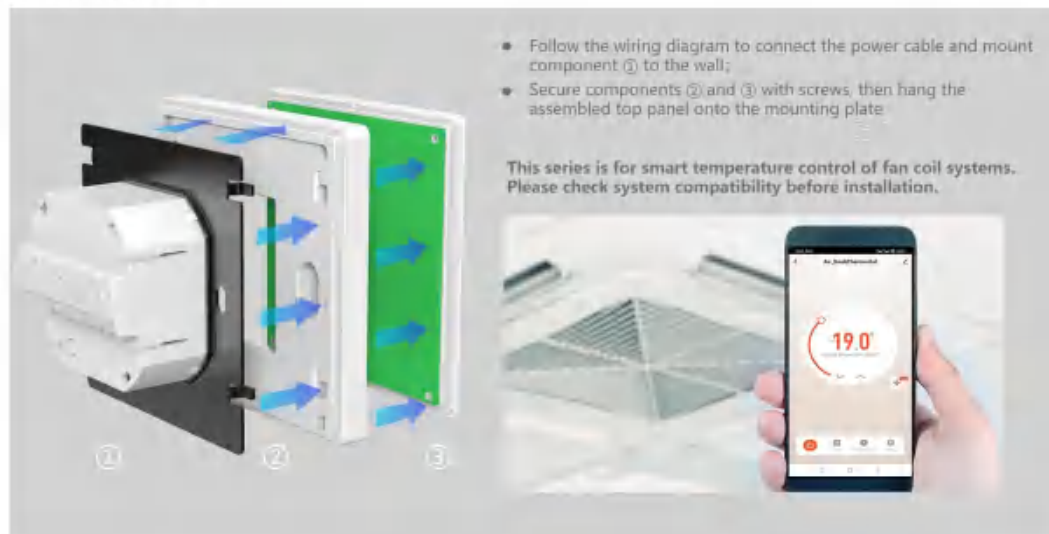


## Wiring

Please check the information laser printed on the back of the thermostat for the actual voltage.



## Basic information



## Sleek design with vibrant UI seamlessly blending into any home

Supports custom boot animations, logo customization, and UI icon design as needed



## Create a superior temperature control experience

### 320x240 Resolution Configuration

Multifunctional Display:

Thermostat, Clock, Weather, and More in One



Black White (Other colors can be customized)

BAC-2002

# 2.8-inch TFT Color



## BAC-2002 Fan Coil Thermostat Selection table

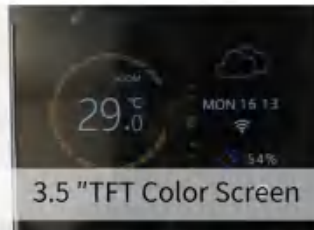
|     |             | Power Supply       |  | Control |      | Fan     |         |       | Application |        |                         |                         |      |        |              |                 |       |       |         |
|-----|-------------|--------------------|--|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|------|--------|--------------|-----------------|-------|-------|---------|
| No. | Model       | 220VAC or 24VAC/DC |  | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | WIFI | Zigbee | Programmable | External Sensor | White | Black | Other   |
| 1   | BAC-2002AL  | √                  |  | √       | √    |         | √       |       | √           |        | √                       | √                       |      |        | √            |                 | √     | √     | Pending |
| 2   | BAC-2002ALW | √                  |  | √       | √    |         | √       |       | √           |        | √                       | √                       | √    |        | √            |                 | √     | √     | Pending |
| 3   | BAC-2002EL  | √                  |  | √       | √    |         | √       |       |             | √      | √                       | √                       |      |        | √            |                 | √     | √     | Pending |
| 4   | BAC-2002ELW | √                  |  | √       | √    |         | √       |       |             | √      | √                       | √                       | √    |        | √            |                 | √     | √     | Pending |

# BAC-2003 Fan Coil Thermostat

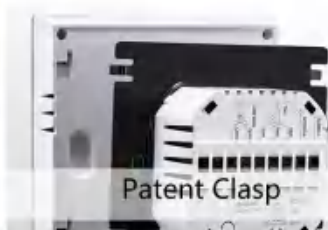
## Product Features



White + Black



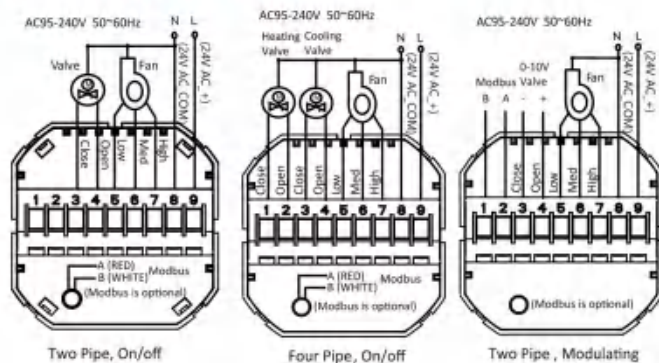
3.5 "TFT Color Screen



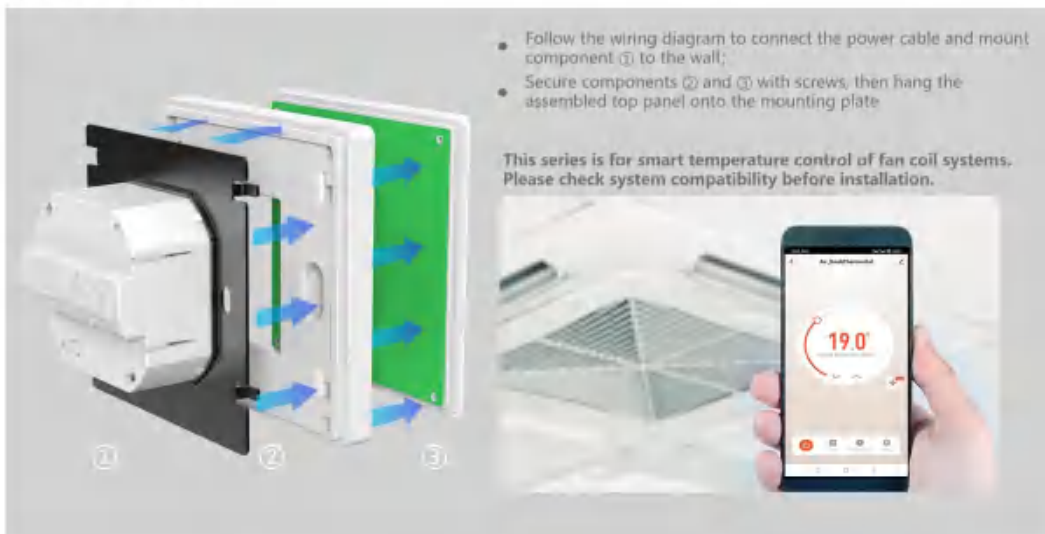
Patent Clasp

## Wiring

Please check the information laser printed on the back of the thermostat for the actual voltage.



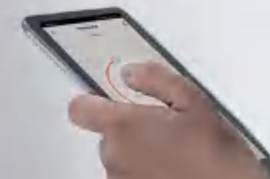
## Basic information



## TRUE COLOR, TRUE FREEDOM

### 3.5" TFT Ultra-Large Screen, Customizable

Supports custom boot animations, logo customization, and UI icon design as needed



## Smart Temperature Control, Comfortable Living

### 640\*480 Resolution Configuration

Customizable Start, Fully Revamped Interface  
Set Your Ideal Temperature for Perfect Comfort



Black White (Other colors can be customized)

# 3.5" Color Screen with Customizable UI

BAC-2003



## BAC-2003 Fan Coil Thermostat

Selection table

|     |             | Power Supply       |  | Control |      | Fan     |         |       | Application |        |                         |                         |      |        |              |                 |       |       |         |
|-----|-------------|--------------------|--|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|------|--------|--------------|-----------------|-------|-------|---------|
| No. | Model       | 220VAC or 24VAC/DC |  | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | WIFI | Zigbee | Programmable | External Sensor | White | Black | Other   |
| 1   | BAC-2003AL  | √                  |  | √       | √    |         | √       |       | √           |        | √                       | √                       |      |        | √            |                 | √     | √     | Pending |
| 2   | BAC-2003ALW | √                  |  | √       | √    |         | √       |       | √           |        | √                       | √                       | √    |        | √            |                 | √     | √     | Pending |
| 3   | BAC-2003EL  | √                  |  | √       | √    |         | √       |       |             | √      | √                       | √                       |      |        | √            |                 | √     | √     | Pending |
| 4   | BAC-2003ELW | √                  |  | √       | √    |         | √       |       |             | √      | √                       | √                       | √    |        | √            |                 | √     | √     | Pending |

# BAC-2005 Smart Thermostat

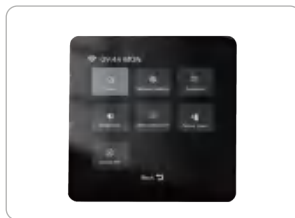
## Features



Sensitive interactive feedback, smooth operation with faster response times

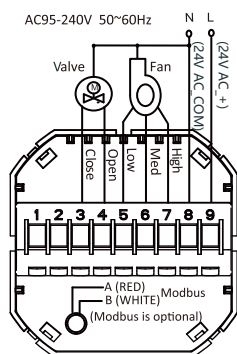


4-inch HD touchscreen vibrant display with easy touch controls

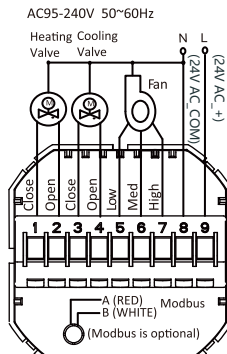


7-day, 6-time-slot independent programming mode preset adjustment

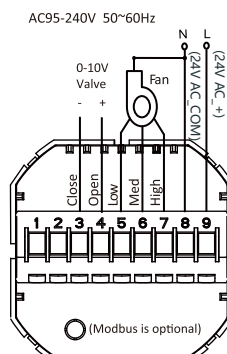
## Wiring



Two Pipe, On/off



Four Pipe, On/off



Two Pipe, Modulating

## Installation instructions

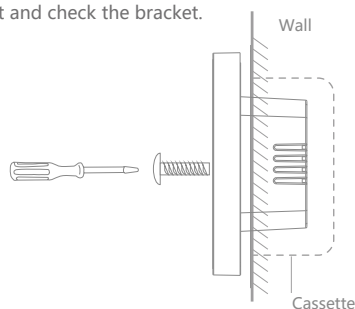
- Check the wiring to ensure secure terminal connections with no exposed wires.
- Use the correct type of screws, countersunk screws for Asia-Pacific region, panhead screws for Europe region, to fix the base to the cassette, and then buckle back the panel.
- Please note that the screws should not be tightened too tightly during the installation process to avoid deformation or damage to the screen or hardware.
- If you encounter any problem with the installation, do not press too hard to force the installation. You should level the wall first and check the bracket.



Countersunk screws for Asia-Pacific region



Panhead screws for Europe region



Cassette

black white  
(Other colors can be customized)

## SMOOTH TOUCH, PRECISE RESPONSE

480×480 IPS HD screen, tempered glass  
scratch-resistant—smooth operation



One-touch fan/system control,  
screen-off mode, quick mode switch

## All-in-One Evolution: Smart Upgrade Perfected

Ultra-Simplified Logic: Completes Advanced Setup in 3 Taps



# BAC-2005 Smart Thermostat



Tech-Enhanced Wall Aesthetics: 3D Tempered Glass

## BAC-2005 Smart Thermostat Selection Table

|     |             | Power Supply       | Control |      | Fan     |         |       | Application |        |                          |                          |      |        |            |            |       |       |         |
|-----|-------------|--------------------|---------|------|---------|---------|-------|-------------|--------|--------------------------|--------------------------|------|--------|------------|------------|-------|-------|---------|
| No. | Model       | 220VAC or 24VAC/DC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorize d Valve | 3 wired Motorize d Valve | WIFI | Zigbee | Programmat | ernal Sen: | White | Black | Other   |
| 1   | BAC-2005AL  | √                  | √       | √    |         | √       |       | √           |        | √                        | √                        |      |        | √          |            | √     | √     | Pending |
| 2   | BAC-2005ALW | √                  | √       | √    |         | √       |       | √           |        | √                        | √                        | √    |        | √          |            | √     | √     | Pending |
| 3   | BAC-2005EL  | √                  | √       | √    |         | √       |       |             | √      | √                        | √                        |      |        | √          |            | √     | √     | Pending |
| 4   | BAC-2005ELW | √                  | √       | √    |         | √       |       |             | √      | √                        | √                        | √    |        | √          |            | √     | √     | Pending |

# BAC-2007 Smart Knob Thermostat

## Features



The obsidian imitation material brings a delicate experience to your fingertips



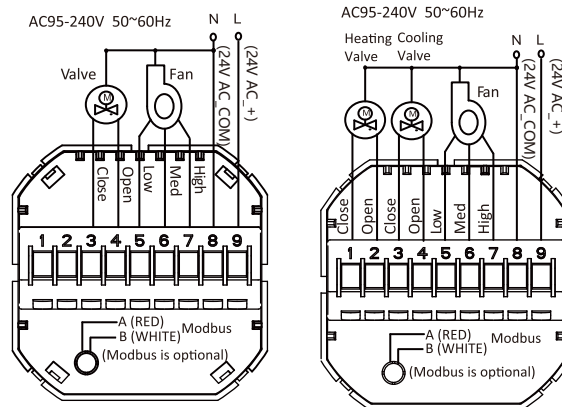
Seven colors ambient light increase color to your life



Agile push button gives you an excellent experience

## Wiring

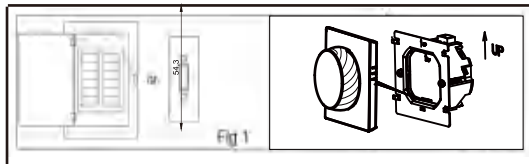
Please check the information laser printed on the back of the thermostat for the actual voltage.



Two Pipe, On/off

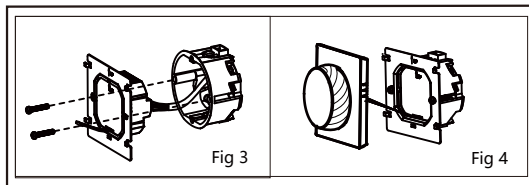
Four Pipe, On/off

## Installation instructions



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

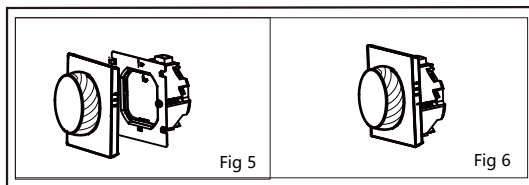
Step 1. Keep power off. See Fig 1.(Live wiring may cause device damage, and such damage is not covered under warranty.)



Step 2. Remove the mounting plate by pushing the assembly. See Fig 2.

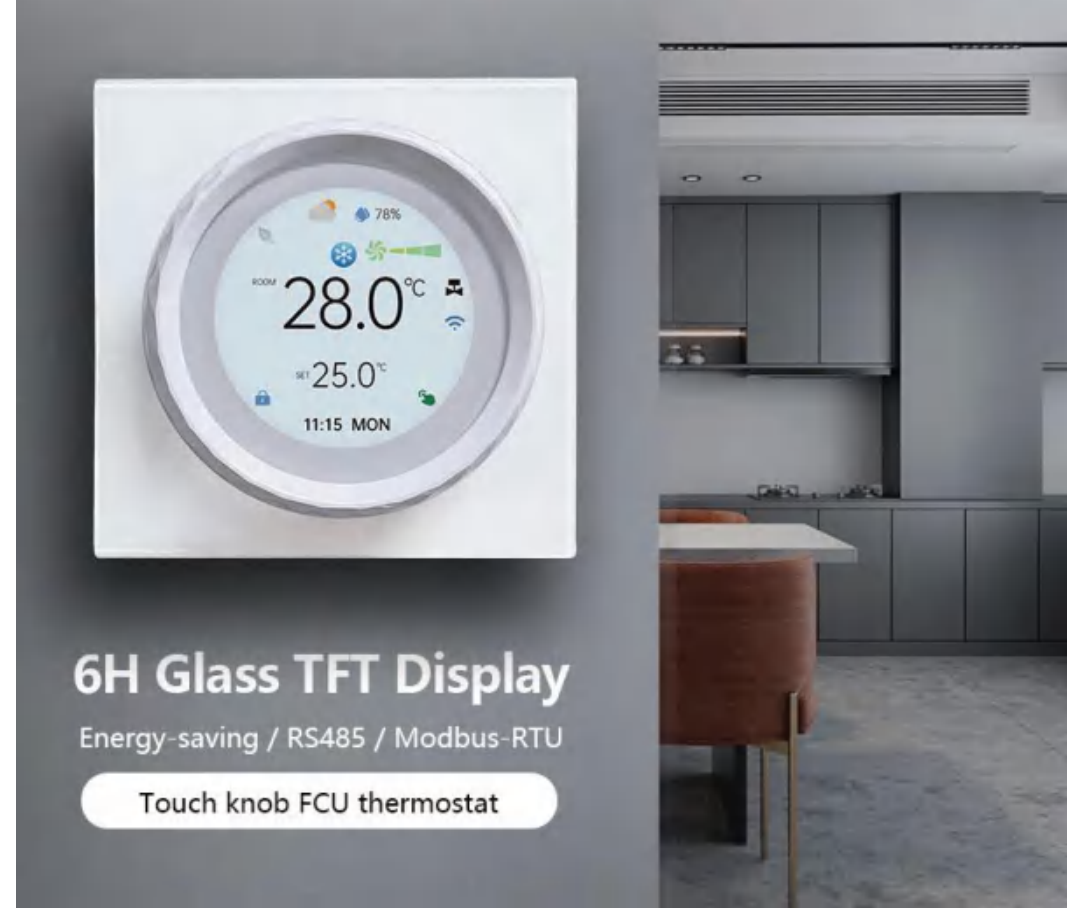
Step 3. Connect the power supply and load it into the appropriate terminals.(See "Wiring your thermostat" for details and Figure 3).

Step 4. Securely fix the mounting plate to the wall with screws.



Step 5. Fasten body of thermostat and the mounting plate through rotating. See Fig 5.

Step 6. Installation complete. See Fig 6.



## Textured-Knob Design

Knob & 1.68" Screen: Enhanced Data Clarity

- ☐ White panel with white knob
- ☒ Black panel with black knob
- ☐ White panel with black knob



# Third-party smart voice control

Supports **Alexa/Google Home** integration, voice wake-up, freeing your hands for a smarter control experience



**BAC-2007 Smart Knob Thermostat** Selection Table

| No. | Model       | Power Supply       | Control |      | Fan     |         |       | Application |        |                         |                         |      |        |              |                 |       |       |
|-----|-------------|--------------------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|------|--------|--------------|-----------------|-------|-------|
|     |             | 220VAC or 24VAC/DC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | WIFI | Zigbee | programmable | external Sensor | White | Black |
| 1   | BAC-2007AL  | √                  | √       | √    |         | √       |       | √           |        | √                       | √                       |      |        | √            |                 | √     | √     |
| 2   | BAC-2007ALW | √                  | √       | √    |         | √       |       | √           |        | √                       | √                       | √    |        | √            |                 | √     | √     |
| 3   | BAC-2007EL  | √                  | √       | √    |         | √       |       |             | √      | √                       | √                       |      |        | √            |                 | √     | √     |
| 4   | BAC-2007ELW | √                  | √       | √    |         | √       |       |             | √      | √                       | √                       | √    |        | √            |                 | √     | √     |

# BCC-2501-AC Smart Control Panel

## Product Features



4.0" Touch TFT Screen

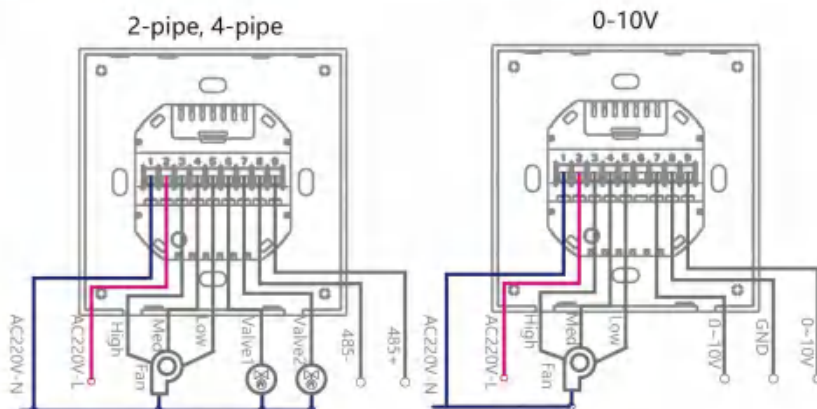


Gunmetal Grey & White

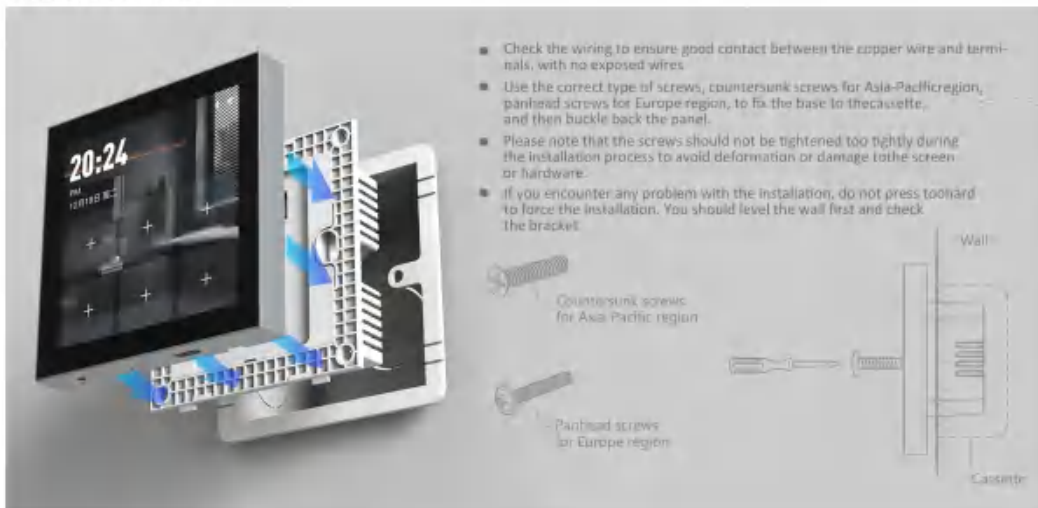


Supports FCU systems

## Wiring



## Basic information

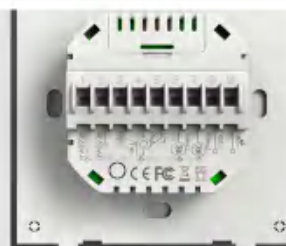


Luxurious design seamlessly integrates with various home decor styles



Supports Tuya ecosystem device sync, including Wi-Fi air conditioners, ZigBee air conditioners, NB-IoT air conditioners, and more

With a smart control screen, you get a gateway, AC thermostat, and control panel all in one



Compatible with standard 86mm square back boxes or 60mm European-style back boxes

BCC-2501-AC

Smart Control Panel

—— Tuya-enabled for whole-home smart integration ——

| 4-inch Square Screen | 6H Tempered Glass Panel | Tuya Ecosystem Control | Built-in ZigBee Gateway | Linux Control System | One-Touch Scene Switching | Integrated Thermostat |



# Smart Home Central Control Screen ——— One-Stop Smart Home Solution

Built-in Thermostat + Zigbee Gateway, Supports Integration with Tuya Smart Products such as Air Conditioners, Switches, Curtains, Humidifiers, and More



LINUX

OS 6.0 System

## BCC-2501-FA Smart Central Control Panel Selection table

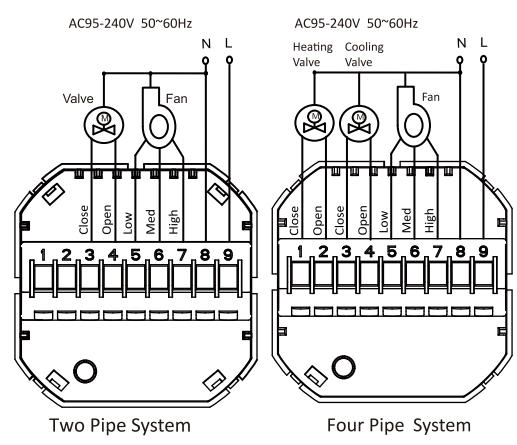
| No. | Model       | Power Supply | Built-in Thermostat Type     |                     |             |                     |       |        |        |                         |                         |                       |              | Other        |                     |              |        |      |              |                 |                                                                                   |   |   | Color |      |
|-----|-------------|--------------|------------------------------|---------------------|-------------|---------------------|-------|--------|--------|-------------------------|-------------------------|-----------------------|--------------|--------------|---------------------|--------------|--------|------|--------------|-----------------|-----------------------------------------------------------------------------------|---|---|-------|------|
|     |             |              | Heat                         |                     |             | Heating and Cooling |       |        |        |                         |                         |                       |              |              |                     |              |        |      |              |                 |                                                                                   |   |   | White | Gray |
|     |             |              | 5A Electric Heating Actuator | 16A Electric Heater | Dry Contact | 3 Speed             | 0-10V | 2-pipe | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | 2-Way Switch | Tempered Glass Lens | Touch Screen | Modbus | WIFI | Programmable | External Sensor | Compatible with Split Air Conditioners (Daikin, Mitsubishi, Carrier, Gree, Midea, |   |   |       |      |
| 1   | BCC-2501-FA | √            |                              |                     |             | √                   |       | √      | √      | √                       |                         |                       |              | √            |                     |              | √      | √    | √            | √               | √                                                                                 | √ | √ | √     |      |

# BAC-3000 Fan Coil Thermostat

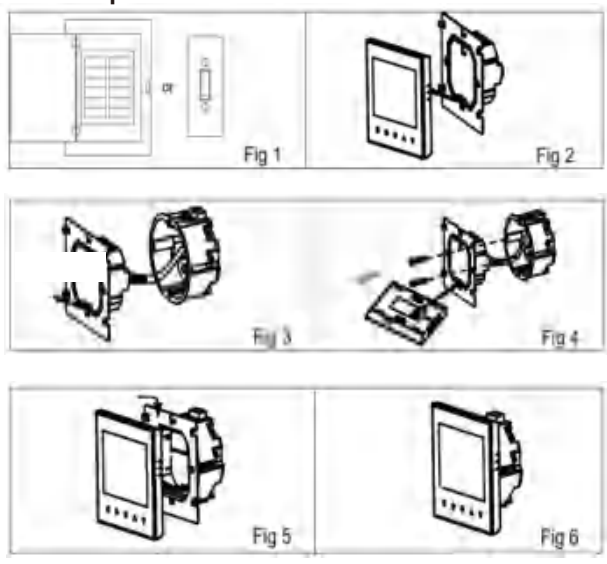
## Product Features



## Wiring diagram



## Installation Steps



1. After correctly connecting the power supply and equipment cables to the terminals of the power supply box, use a screwdriver to pass the screws through the mounting steel plate and fix them on the cassette.
2. After the power box is fixed, connect the cable to the operation panel.
3. Put the operation panel against the installation steel plate and slide it down.
4. Installation is complete

## Meet the best you White, Black, Piano brushed three appearances

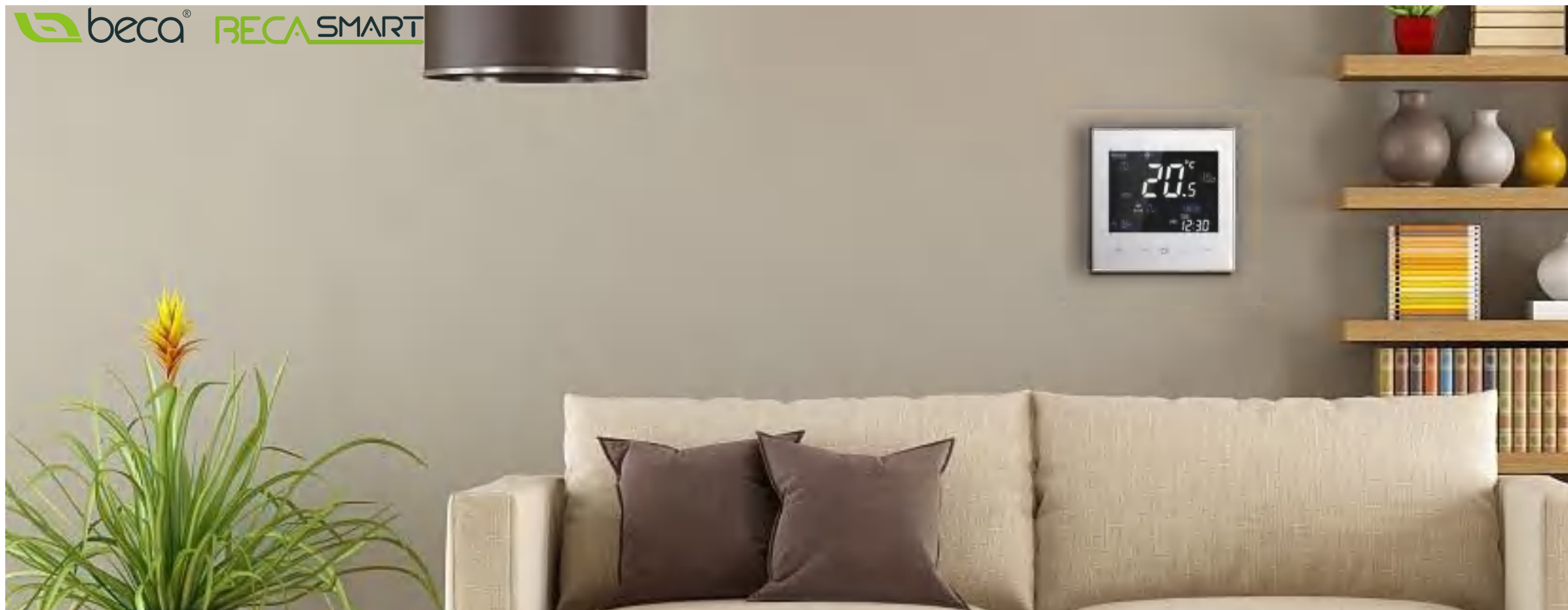
White, blue, orange three-color negative display large screen

High-end color matching is suitable for hotel, indoor, office and other scenes

Clearly visible thinness that blends into a variety of home styles

Support ODM/OEM advanced function customization





## BAC-3000 Fan Coil Thermostat series Selection table

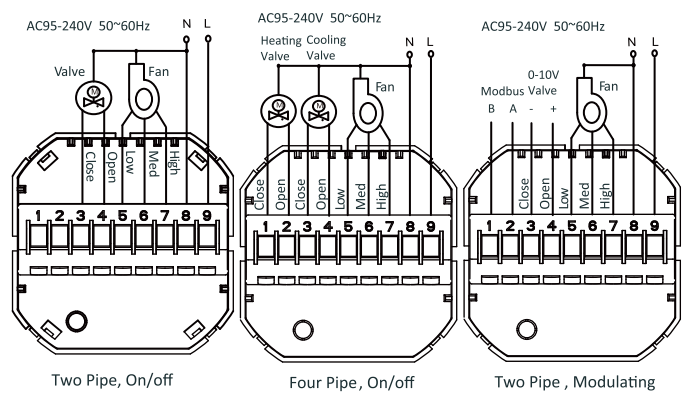
| No. | Model        | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |        |         |        |               |                 |          | Color |       |      |            | Button light |      |
|-----|--------------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|--------|---------|--------|---------------|-----------------|----------|-------|-------|------|------------|--------------|------|
|     |              | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Zigbee | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Pink | Brushed SS | One          | Four |
| 1   | BAC-3000AL   | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √          | √            |      |
| 2   | BAC-3000ALN  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        |         |        |               |                 |          | √     | √     | √    | √          |              |      |
| 3   | BAC-3000ALK  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        | √       |        | √             |                 | Optional | √     | √     | √    | √          |              |      |
| 4   | BAC-3000ALW  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |          | √     | √     | √    | √          |              |      |
| 5   | BAC-3000ALZB | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      | √      |         |        | √             |                 |          | √     | √     | √    | √          |              |      |
| 6   | BAC-3000EL   | √            | √     | √       | √    |         | √       |       | √           | √      | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √          | √            |      |
| 7   | BAC-3000ELN  | √            | √     | √       | √    |         | √       |       | √           | √      | √                       | √                       |                       |              | √          |      |        |         |        |               |                 |          | √     | √     | √    | √          |              |      |
| 8   | BAC-3000ELW  | √            | √     | √       | √    |         | √       |       | √           | √      | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |          | √     | √     | √    | √          |              |      |
| 9   | BAC-3000ELZB | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      | √      |         |        | √             |                 |          | √     | √     | √    | √          |              |      |
| 10  | BAC-3000ML   | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √          | √            |      |

# BAC-6000 Fan Coil Thermostat

## Product Features



## Wiring diagram



## Installation Steps



1. Turn off the main power supply;
2. After connecting the power supply and equipment cables to the terminals of the power supply box correctly, use a screwdriver to The screws are fixed to the cassette through the mounting steel plate.
3. After the power box is fixed, connect the cable to the operation panel;
4. Fix the installation panel with the 60mm European -style cassette with screws, and embed it into the wall;
5. Hold the operation panel against the mounting steel plate and slide it down.
6. The installation is complete.

## His wisdom is extraordinary Simple. High sense

- Circular curve design
- Ring function key layout
- Rotary Round Square Mounting Plate
- Support ODM/OEM advanced function customization





## BAC-6000 Fan Coil Thermostat series

Selection table

| No. | Model          | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |        |         |        |               |                 |          | Color |       |      |            |      |
|-----|----------------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|--------|---------|--------|---------------|-----------------|----------|-------|-------|------|------------|------|
|     |                | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Zigbee | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Pink | Brushed SS | Gold |
| 1   | BAC-6000AL     | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √          | √    |
| 2   | BAC-6000ALN    | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        |         |        |               |                 |          | √     | √     | √    | √          | √    |
| 3   | BAC-6000ALK    | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |        | √       |        | √             |                 | Optional | √     | √     | √    | √          | √    |
| 4   | BAC-6000ALNK   | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          |      |        | √       |        |               |                 |          | √     | √     | √    | √          | √    |
| 5   | BAC-6000ALW    | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |          | √     | √     | √    | √          | √    |
| 6   | BAC-6000ALZB   | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      | √      |         |        | √             |                 |          | √     | √     | √    | √          | √    |
| 7   | BAC-6000ALNW   | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              | √          | √    |        |         |        | √             |                 |          | √     | √     | √    | √          | √    |
| 8   | BAC-6000EL     | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √          | √    |
| 9   | BAC-6000ELN    | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          |      |        |         |        |               |                 |          | √     | √     | √    | √          | √    |
| 10  | BAC-6000ELW    | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |          | √     | √     | √    | √          | √    |
| 11  | BAC-6000ELZB   | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      | √      |         |        | √             |                 |          | √     | √     | √    | √          | √    |
| 12  | BAC-6000ELNW   | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              | √          | √    |        |         |        | √             |                 |          | √     | √     | √    | √          | √    |
| 13  | BAC-6000ML     | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |        |         |        | √             |                 | Optional | √     | √     | √    | √          | √    |
| 14  | BAC-6000MLN    | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              | √          |      |        |         |        |               |                 |          | √     | √     | √    | √          | √    |
| 15  | BAC-6000MLK    | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |        | √       |        | √             |                 |          | √     | √     | √    | √          | √    |
| 16  | BAC-6000MLNK   | √            | √     | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              | √          |      |        | √       |        |               |                 |          | √     | √     | √    | √          | √    |
| 17  | BAC-6000ML-Fan | √            | √     | √       | √    |         |         | √     |             |        |                         |                         | √                     |              |            |      |        |         |        | √             |                 |          | √     | √     | √    | √          | √    |

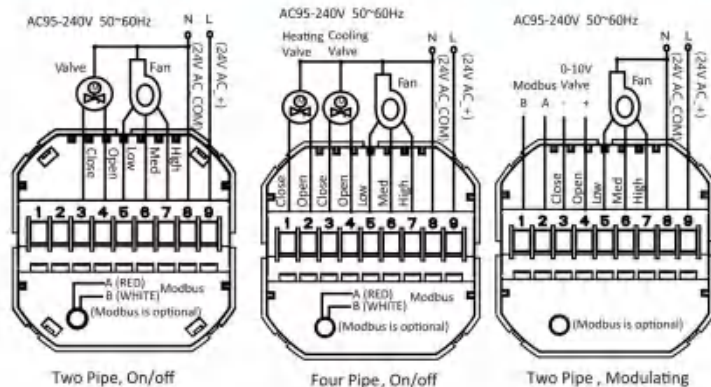
# BAC-6001 Fan Coil Thermostat

## Product Features

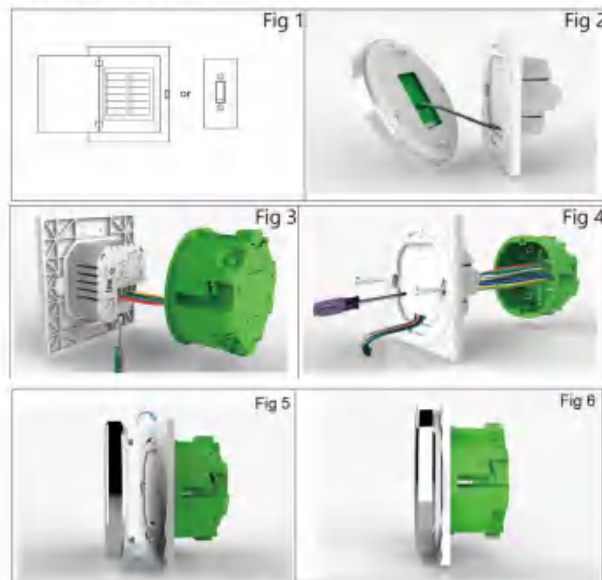


Please check the information laser printed on the back of the thermostat for the actual voltage.

## Wiring



## Basic information



Step 1. Keep power off. See Fig 1.  
Step 2. Remove the mounting plate by pushing the LED assembly. See Fig 2.

Step 3. Connect the power supply and load it into the appropriate terminals. (See "Wiring your thermostat" for details and Figure 3).  
Step 4. Securely fix the mounting plate to the wall with screws.

Step 5. Fasten body of thermostat and the mounting plate through rotating. See Fig 5.  
Step 6. Installation complete. See Fig 6.

## Exclusive to your temperature-controlled butler

Bring you a professional, safe and efficient indoor temperature control experience



Black White (Other colors can be customized)

# FCU THERMOSTAT

## RAINBOW RING LIGHT EFFECT

Round large size boutique / 8 light response options  
Highlighter LED lenses / Black/White classic styling



### BAC-6001 Fan Coil Thermostat Selection table

|     |            | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |         |        |               |                 | Color    |       |       |         |
|-----|------------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|---------|--------|---------------|-----------------|----------|-------|-------|---------|
| No. | Model      | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Keycard | Window | Program mable | External Sensor | Battery  | White | Black | Other   |
| 1   | BAC-6001A  | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |
| 2   | BAC-6001AW | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |
| 3   | BAC-6001E  | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |         |        | √             |                 | Optional | √     | √     | Pending |
| 4   | BAC-6001EW | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |         |        | √             |                 |          | √     | √     | Pending |

# BAC-001 Fan Coil Thermostat

## Product Features



01  
LCD integrated  
screen display

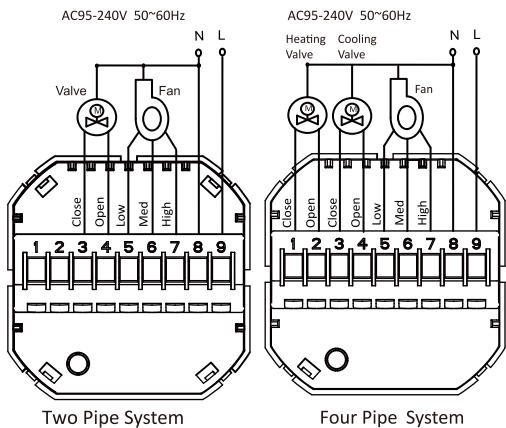


02  
Oval soft shape design

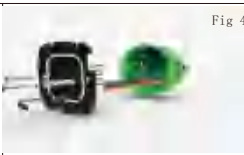
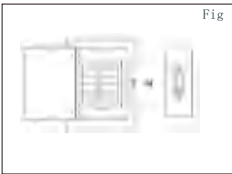


03  
PC flame retardant high  
transparency panel

## Wiring diagram



## Installation Steps



1. Turn off the main power supply;
2. Unscrew the installation panel by twisting the display frame;
3. Refer to the wiring diagram and Fig3, and connect the back cover circuit of the product
4. Fix the installation panel with the 60mm European-style cassette with screws, and embed it into the wall;
5. Rotate the display section back to the mounting panel.
6. Installation is complete

## Smart Home First Choice

Simple black and white design  
Understated luxury

Unique UI design interface  
all-in-one window  
Negative black screen



# BAC-001 Fan Coil Thermostat

## Product Features



01  
LCD integrated  
screen display

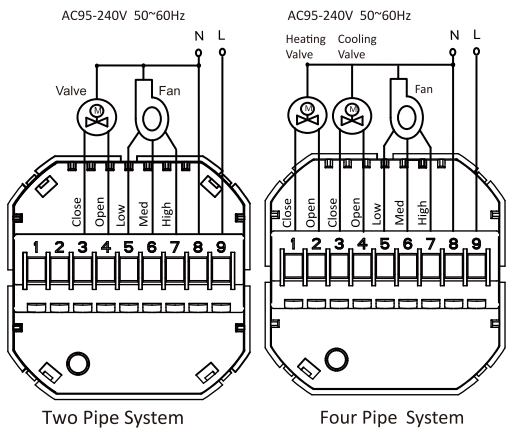


02  
Oval soft shape design

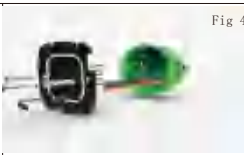
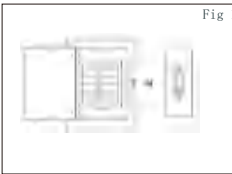


03  
PC flame retardant high  
transparency panel

## Wiring diagram



## Installation Steps



1. Turn off the main power supply;
2. Unscrew the installation panel by twisting the display frame;
3. Refer to the wiring diagram and Fig3, and connect the back cover circuit of the product
4. Fix the installation panel with the 60mm European-style cassette with screws, and embed it into the wall;
5. Rotate the display section back to the mounting panel.
6. Installation is complete

## Smart Home First Choice

Simple black and white design  
Understated luxury

Unique UI design interface  
all-in-one window  
Negative black screen

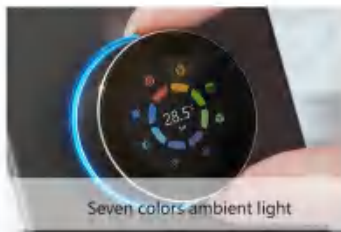


# BAC-7000 Smart Knob Thermostat

## Product Features



Variety brushed back panel options

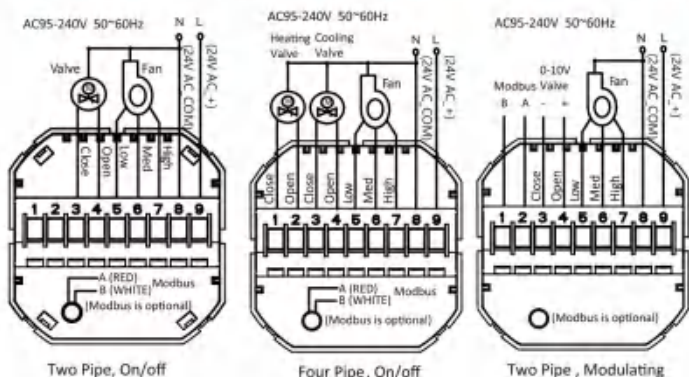


Seven colors ambient light



Patent appearance

**Wiring** Please check the information laser printed on the back of the thermostat for the actual voltage.

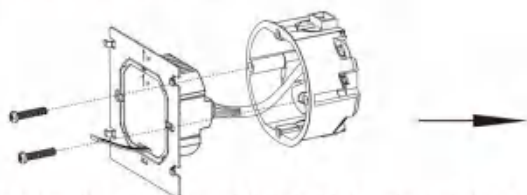


Two Pipe, On/off

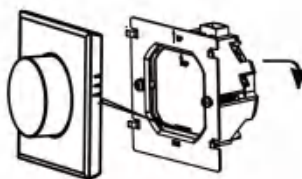
Four Pipe, On/off

Two Pipe, Modulating

## Basic information



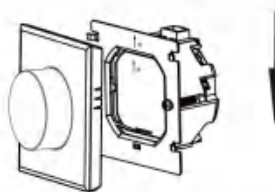
1, Turn off the main power supply before installation, and separate the installation panel by sliding the display frame. Connect the line of the back cover of the product by referring to the wiring diagram and the picture above;



2, use screws to install the panel with 60mm European cartridges Fixed, embedded in the wall;



4. The installation is complete.



3. Install the display part back to the installation panel;

240\*240 LCD screen, it is "really" very beautiful



## Colorful stereo knob with TFT true color screen

The eight main control options are directly set by twisting side knobs widely used in different regional scenes



Gold SS Brushed SS Black SS

# SMART KNOB THERMOSTAT

# BAC-7000



Clever knob— Taste highly **INTELLIGENT** life

## BAC-7000 Smart Knob Thermostat Selection

| No. | Model       | Power Supply |       | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |        |         |        |               |                 | Color   |       |      |            |       |
|-----|-------------|--------------|-------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|--------|---------|--------|---------------|-----------------|---------|-------|------|------------|-------|
|     |             | 220VAC       | 24VAC | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Zigbee | Keycard | Window | Program mable | External Sensor | Battery | Black | Gold | Brushed SS | Other |
| 5   | BAC-7000ALW | √            | √     | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |         | √     | √    | √          | √     |
| 10  | BAC-7000ELW | √            | √     | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |        |         |        | √             |                 |         | √     | √    | √          | √     |

# BAC-8000 Fan Coil Thermostat

## Product Features



01  
4.8-inch multi-color  
large screen display

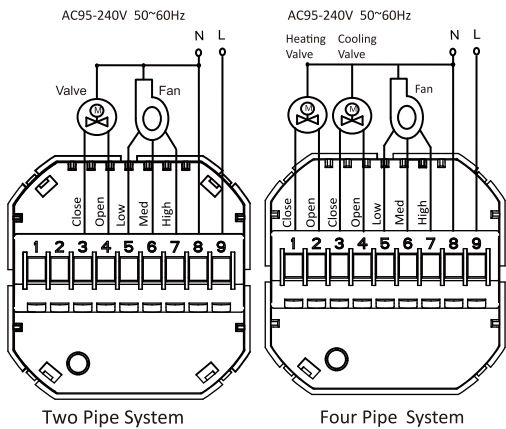


02  
15mm ultra-thin  
visible wall thickness

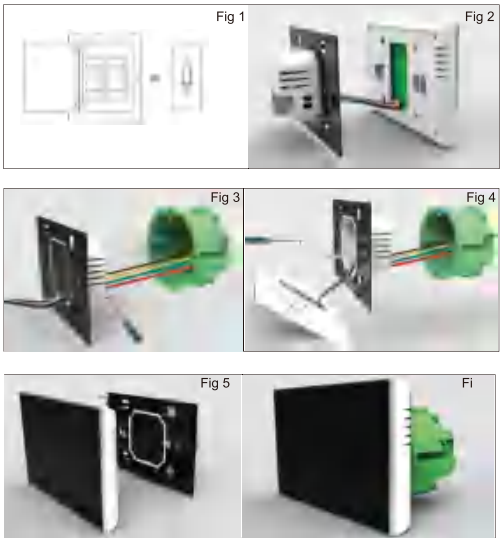


03  
Silver metal frame

## Wiring diagram



## Installation Steps



1. As shown in Figure 1, turn off the main power supply;
2. As shown in Figure 2, by twisting the frame of the display screen, unscrew the installation panel;
3. Refer to the wiring diagram and Figure 3, and connect the back cover circuit of the product;
4. As shown in Figure 4, fix the installation panel to the 60mm European-style cassette with screws, and embed it into the wall;

5. As shown in Figure 5, rotate the display part back to the installation panel.
6. As shown in Figure 6, the installation is complete.



## Smart Aesthetics Warm with heart, smart and energy-saving

The center color-changing ring is more technological  
6 touch function keys design  
Wall and flush mount compatible  
7 days and 4 periods of programming/temporary manual programming/manual mode/holiday mode free transfer

Black White Silver  
(Other colors can be customized)





## BAC-8000 Fan Coil Thermostat series Selection table

|     |             | Control |      | Fan     |         |       | Application |        |                         |                         |                       |              | Additional |      |         |        |              |                 |         | Color |       |            |       |   |
|-----|-------------|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|-----------------------|--------------|------------|------|---------|--------|--------------|-----------------|---------|-------|-------|------------|-------|---|
| No. | Model       | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | 0-10V Motorized Valve | 0-10V Damper | Modbus     | WIFI | Keycard | Window | Programmable | External Sensor | Battery | White | Black | Brushed SS | Other |   |
| 1   | BAC-8000AL  | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            |      |         |        | √            |                 | √       | √     | √     | √          | √     |   |
| 2   | BAC-8000ALW | √       | √    |         | √       |       | √           |        | √                       | √                       |                       |              |            | √    |         |        | √            |                 |         | √     | √     | √          | √     | √ |
| 3   | BAC-8000EL  | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            |      |         |        | √            |                 | √       | √     | √     | √          | √     | √ |
| 4   | BAC-8000ELW | √       | √    |         | √       |       |             | √      | √                       | √                       |                       |              |            | √    |         |        | √            |                 |         | √     | √     | √          | √     | √ |
| 5   | BAC-8000ML  | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            |      |         |        | √            |                 | √       | √     | √     | √          | √     | √ |
| 6   | BAC-8000MLW | √       | √    |         | √       |       | √           |        |                         |                         | √                     |              |            | √    |         |        | √            |                 |         | √     | √     | √          | √     | √ |

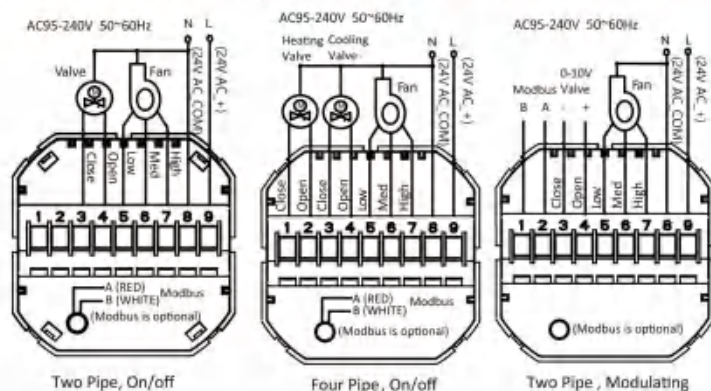
# BAC-9000 Fan Coil Thermostat

## Product Features



## Wiring

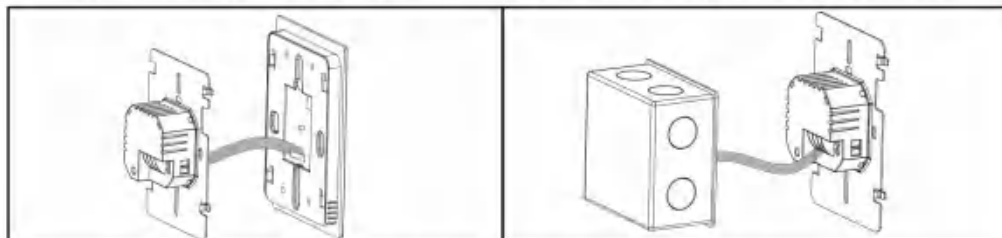
Please check the information laser printed on the back of the thermostat for the actual voltage.



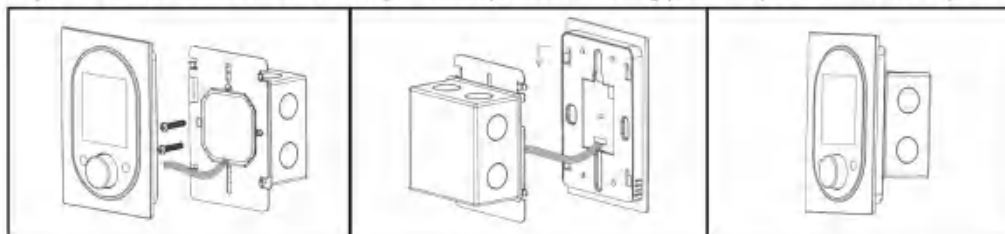
## Basic information

Step 1: Separate the upper and lower boards

Step 2: Connect the power cord and device cord



Step 3: Fix the screws on the cassette Step 4: Attach panel to mounting plate Step 5: Installation completed



## Colorful VA screen with metal knob

Multicolor dynamic LED effects for enhanced visual appeal  
Tailored for central AC smart control

Black White (Other colors can be customized)



# SMART THERMOSTAT

Smart temperature control for central AC fan coil systems



**BAC-9000**

## BAC-9000 Fan Coil Thermostat

Selection table

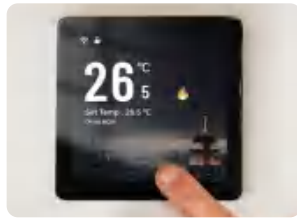
| No. | Model        | Power Supply       |  | Control |      | Fan     |         |       | Application |        |                         |                         | Additional |        |              |                 | Color |       |       |
|-----|--------------|--------------------|--|---------|------|---------|---------|-------|-------------|--------|-------------------------|-------------------------|------------|--------|--------------|-----------------|-------|-------|-------|
|     |              | 220VAC or 24VAC/DC |  | Heat    | Cool | 1 Speed | 3 Speed | 0-10V | 2-pipe      | 4-pipe | 2 wired Motorized Valve | 3 wired Motorized Valve | WIFI       | Zigbee | Programmable | External Sensor | White | Black | Other |
| 1   | BAC-9000AL   | √                  |  | √       | √    |         | √       |       | √           |        | √                       | √                       |            |        | √            |                 | √     | √     | √     |
| 2   | BAC-9000ALW  | √                  |  | √       | √    |         | √       |       | √           |        | √                       | √                       | √          |        | √            |                 | √     | √     | √     |
| 3   | BAC-9000ALZB | √                  |  | √       | √    |         | √       |       | √           |        | √                       | √                       |            | √      | √            |                 | √     | √     | √     |
| 4   | BAC-9000EL   | √                  |  | √       | √    |         | √       |       |             | √      | √                       | √                       |            |        | √            |                 | √     | √     | √     |
| 5   | BAC-9000ELW  | √                  |  | √       | √    |         | √       |       |             | √      | √                       | √                       | √          |        | √            |                 | √     | √     | √     |
| 6   | BAC-9000ELZB | √                  |  | √       | √    |         | √       |       |             | √      | √                       | √                       |            | √      | √            |                 | √     | √     | √     |

# BVRF-L001-ZB Thermostat

## Features



4-inch HD touchscreen  
vibrant display with easy touch controls

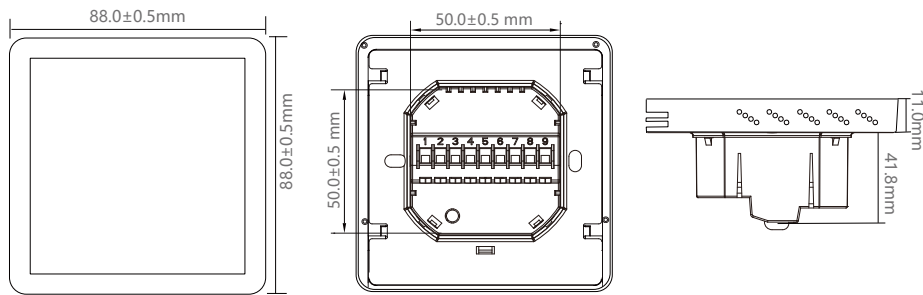


One-touch switching of mode, Fan speed, and shutdown,  
more user-friendly functional layout



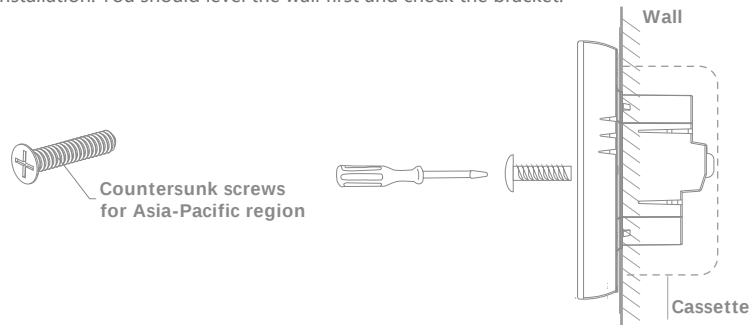
Multi-sided surround heat dissipation design  
Temperature detection is more accurate

## Dimensions and appearance



## Installation instructions

- Check the wiring to ensure secure terminal connections with no exposed wires.
- Use the correct type of screws, to fix the base to the cassette, and then buckle back the panel.
- Please note that the screws should not be tightened too tightly during the installation process to avoid deformation or damage to the screen or hardware.
- If you encounter any problem with the installation, do not press too hard to force the installation. You should level the wall first and check the bracket.



## Smart life, just a touch away

Black and white border design, minimalist design,  
suitable for various home wall decoration styles

**One-Touch Mode Switch**  
Quick switch:  
Cool/Heat/Fan/Dehumidify

**Built-in Refrigeration Gateway**  
Direct AC connection  
reduces costs by 50%

**4-inch full touchscreen**  
Better suited for modern  
fast-paced households

## 30% cost cut: Smart Upgrade for Central AC - No need for separate VRF Gateway

Minimized Stock, Reduced Risk: Compatible with 40+ Major AC Brands



black white (Other colors can be customized)

# BVRF-L001-ZB Thermostat



**Prime Choice: Smart Upgrades for Original AC Panels (Premium Projects)**

# BVRF-C001-ZB Thermostat



High-transparency LED screen with vivid colors and soft lighting for comfortable viewing

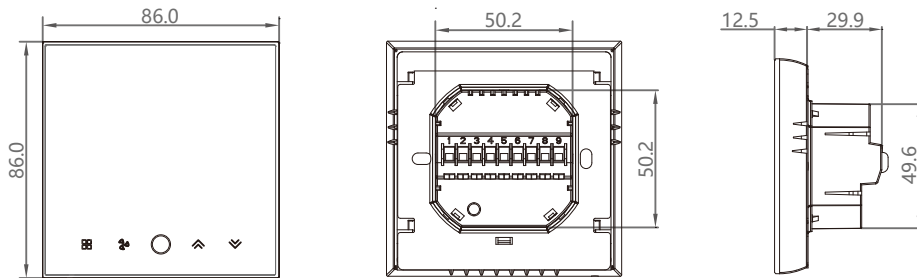


One-touch switching between Cooling / Heating / Ventilation / Dehumidification modes



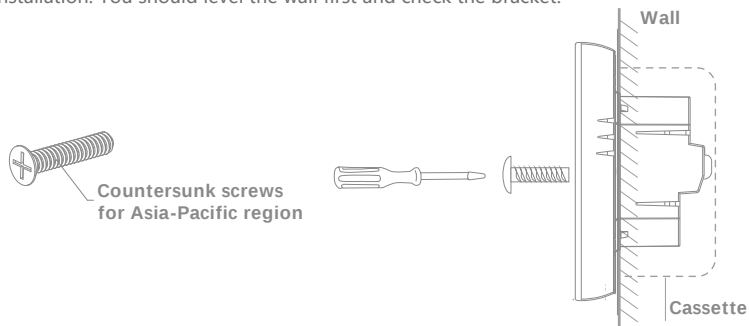
Power-off memory automatically saves settings to resume operation seamlessly after outage

## Dimensions and appearance



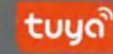
## Installation instructions

- Check the wiring to ensure secure terminal connections with no exposed wires.
- Use the correct type of screws, to fix the base to the cassette, and then buckle back the panel.
- Please note that the screws should not be tightened too tightly during the installation process to avoid deformation or damage to the screen or hardware.
- If you encounter any problem with the installation, do not press too hard to force the installation. You should level the wall first and check the bracket.



# Smart home life

"Gem" Series seamlessly integrates central AC into your smart-home platform and enables local Bluetooth control with other smart devices.



Smart lamp



VRF central AC



Smart curtains



Smart speaker

## BVRF-C001, born for perfectionist.

Solves the pain point: Replace original panels, keep premium walls pristine



black white (Other colors can be customized)

■ Tech and style fused for modern taste.



BVRF-C001-ZB



- Modern Home Furnishings
- Starred hotel



# BVRF-L002-ZB Thermostat

## Features



Colorful backlights  
add color to your life

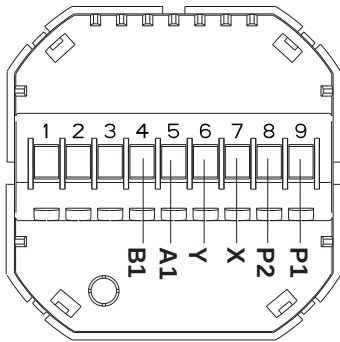


High-quality threaded knobs  
Making rotation more convenient



1.6-inch round tempered  
glass with a strength of 6H or higher

## Wiring

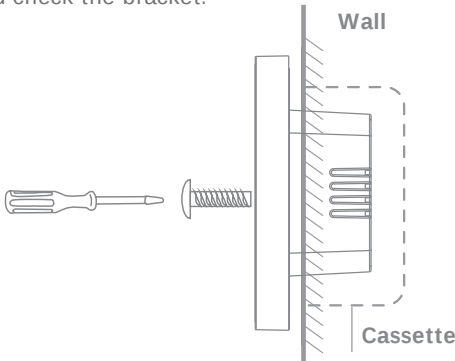


## Installation instructions

Check the wiring to ensure secure terminal connections with no exposed wires.  
Use the correct type of screws, to fix the base to the cassette, and then buckle back the panel.  
Please note that the screws should not be tightened too tightly during the installation process to avoid deformation or damage to the screen or hardware.  
If you encounter any problem with the installation, do not press too hard to force the installation. You should level the wall first and check the bracket.



Countersunk screws  
for Asia-Pacific region



# BVRF-L002, New Dimension of Vision

High-quality experience, designed for users in diverse scenarios



1.6-inch round screen  
with 400\*400 resolution



The design with its outer circle and inner square  
presents an immersive visual experience



- White panel with white knob (Rococo)
- Black panel with black knob (Rococo)
- White panel with black knob

# Customization, Compatibility

Over 99% brand compatibility  
seamless integration with customization



One machine is versatile and compatible with 40+ air conditioner brands

**HITACHI**  
日立变频中央空调

**YORK**  
约克空调 VRF

**Panasonic**  
松下空调

**FUJITSU**  
富士通空调

**EK EUROKLIMAT**  
欧科空调

**mitsubishi electric**  
三菱电机中央空调

**TOSHIBA**  
东芝空调

**DAIKIN**  
大金空调

**GREE** 格力

**KELON**  
科龙空调

**Midea**  
美的空调

**Hisense**  
海信空调

**Haier**  
海尔智能空调

**Carrier**  
开利空调