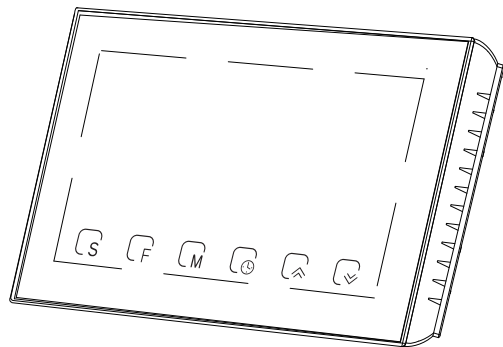




BHP-8000 C (WIFI TYPE) **Room Thermostat**

User Guide

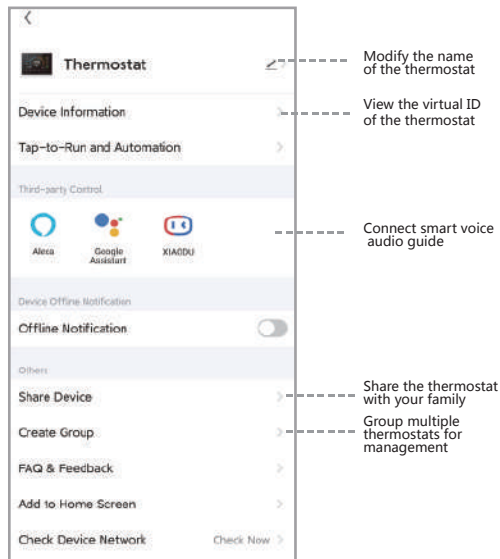
Overview of this guide

Welcome	-----	Page 2
In The Box	-----	Page 2
Dimension	-----	Page 3
Main Page	-----	Page 4-5
Installation		
Remove the old thermostat	-----	Page 6-7
Old thermostat have C wiring	-----	Page 8-10
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Wiring diagrams	-----	Page 17-19
Operating instruction	-----	Page 20-22
APP Connection	-----	Page 23-29
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Technical data

Power Supply	• 24VDC/AC +10%
Current Load	• 1A (Inductive) 3A (Resistance)
Sensor	• NTC3950, 10K
Set Temp. Range	• 42~122 °F (5~50°C)
Accuracy	• ±1 F
Display Temp. Range	• 41~210 °F (5~99°C)
Ambient Temp	• 32~113 °F (0~45°C)
Ambient Humidity	• 5~95%RH(Non Condensing)
Storage Temp	• 23~113°F (-5~45°C)
Timing Error	• <1%
Power Consumption	• <1.5W
Shell Material	• PC+ABS(Fireproof)
Available Installation 1	• Wall mounted
Available Installation 2	• Distance of 62±5mm (Europe, China and Japan)
Available Installation 3	• Hole Distance of 86±3mm (USA and Italy etc,)
Wire Terminals	• Wire 2x1.5mm ² or 1x2.5mm ²
Protection Class	• IP20
Buttons	• Capacitive Touch Buttons

More settings



Service

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

Welcome

Thank you for your purchase.

Your new thermostat will provide uniform and comfortable temperature Control throughout every room in your property. We bring together technology craftsmanship and the highest quality materials to provide you with a safe, reliable product combined with sleek, contemporary design. Please read this installation/programming manual for comprehensive instructions on installing and operating your thermostat. Please also ensure a suitably qualified person installs your thermostat and complies with all local regulations.

In The Box

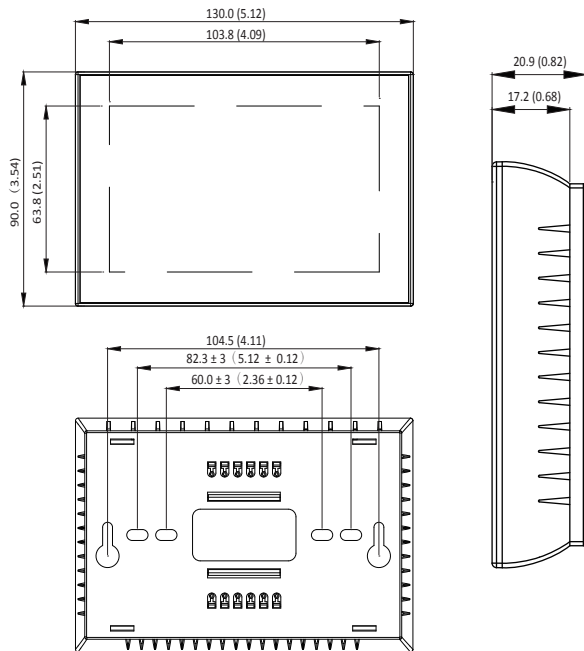
Thermostat *1;	Marking tape *1;	Screws *4;
Power Module *1;	QC Passed *1;	User Guide *1;

CAUTION

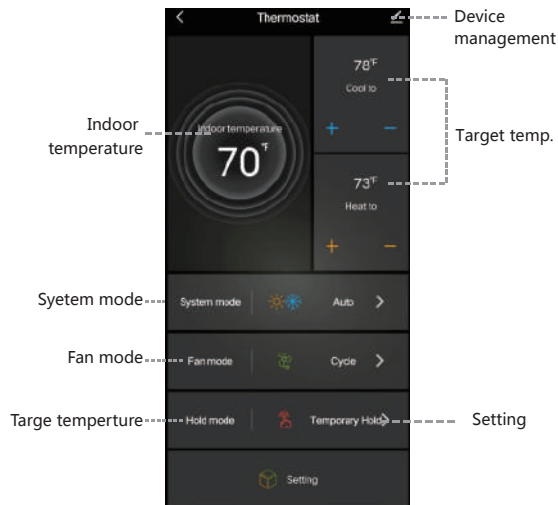
1. Electrical Shock or Equipment Damage Hazard. Can shock individuals or short equipment circuitry. Disconnect power supply before installation.
2. Check whether the power supply is 24V, if it is 95-220V, Thermostat can't be used.

Dimension

Unit:mm(inch)



APP operation interface description (Heat pump thermostat)



Sytem mode: Display the current system mode. tap it to switch the mode.

Fan mode: Display the current fan mode. Tap it to switch the mode.

Hold mode: Display the current hold mode, Tap it to switch the mode.

Target temperature: Turn up/down the target temperature.

Setting: You can edit the setting of device, such as Schedule, Holiday mode, fan run time etc.



Fig2.13

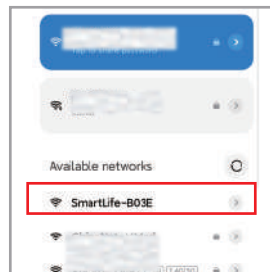


Fig2.14

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

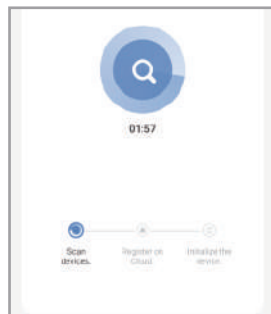


Fig2.15

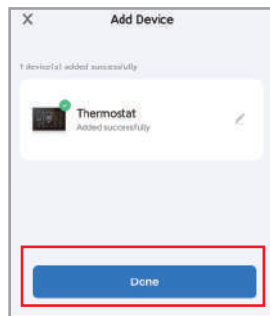
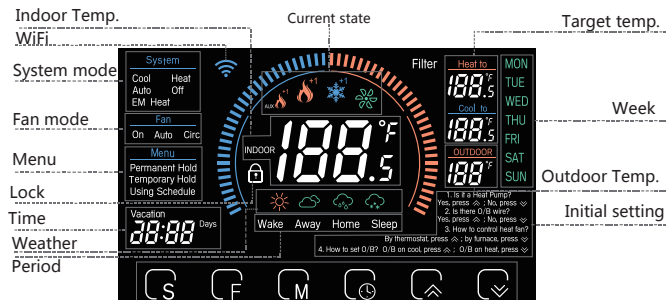


Fig2.16

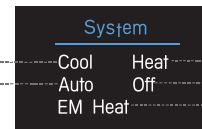
Main Page



Touch Button

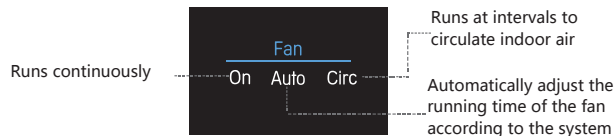
1.System

Cooling only.
Automatic control
of heating and
cooling based on
ambient temperature

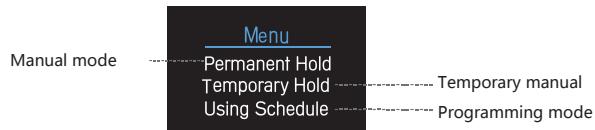


Heating only
System off
Emergency
heating

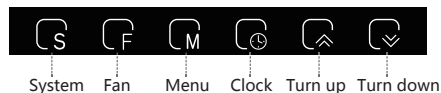
2.Fan



3.Menu



4.Touch Button



5.Screen

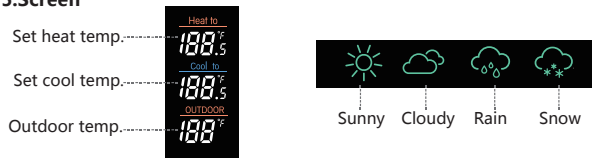


Fig2.9

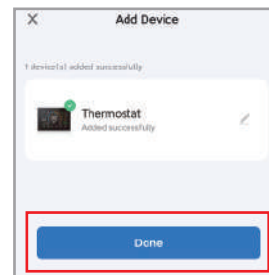


Fig2.10

2. AP Mode

Press and hold until the icon of the thermostat slowly blinks (if the icon is blinking quickly, press and hold until the wifi icon slowly blinks), then follow the following figure (Fig. 2.11- Fig. 2.16).

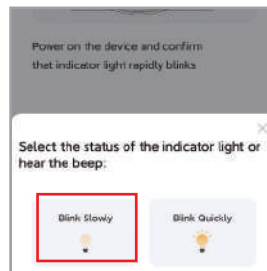


Fig2.11

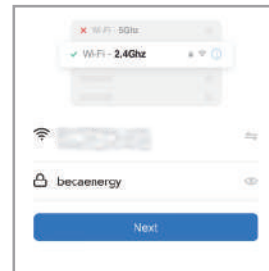
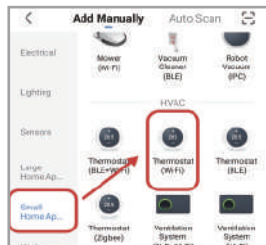


Fig2.12



Method 3: Ordinary distribution network guidance (Fig. 2. 1&Fig. 2.5.1)

Fig2.5.1

Network distribution mode:

1、EZ Mode

Press and hold the " " until the thermostat screen flashes quickly and displays the " " icon, and then operate according to the following figure (Fig 2.6-Fig 2.10).

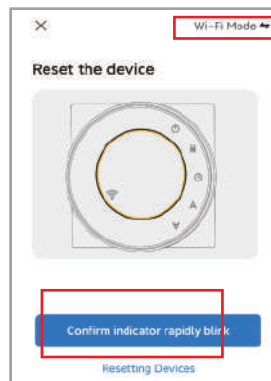


Fig2.6

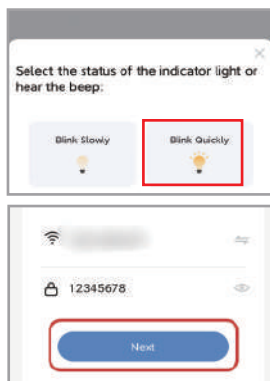


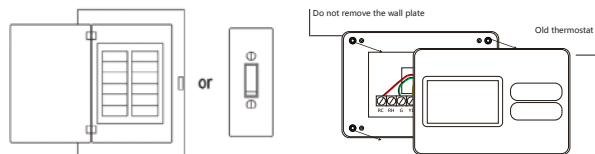
Fig2.7

Fig2.8

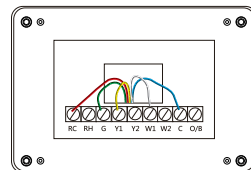
Installation

1.Power off,remove the old thermostat.

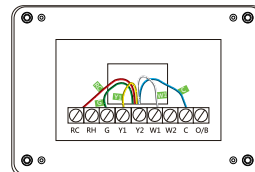
Note: Do not remove the wall plate;



2.Take a picture of your old thermostat wires how to connect to the terminal;



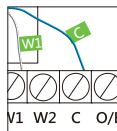
3.Label the wires with Tags;



4. Please confirm old thermostat if have C wiring (Blue line)

Yes → Plan A

No → Plan B



Terminal designation

Terminals	What it means
Rh	24VAC primary for heating
Rc	24VAC primary for cooling
C	24VAC Common Wire
W1	Heat Relay (Stage 1)
W2	Heat Relay (Stage 2)
Y1	Compress Relay (Stage 1)
Y2	Compress Relay (Stage 2)
G	Fan Relay
O/B	Heat Pump Changeover Valve
S	Optional wiring module terminal to combine Y and G, while reserve an extra in-wall wire to power on the thermostat

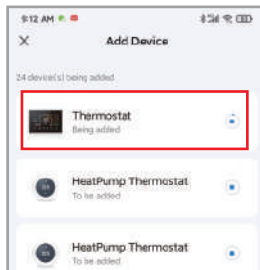


Fig2.3

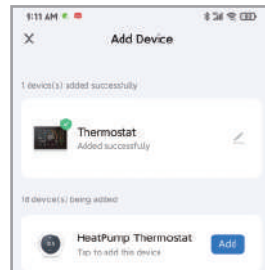


Fig2.4

Method 2: Scan the QR code to configure the network guide (Fig 2.1&Fig 2.5-Fig 2.6)

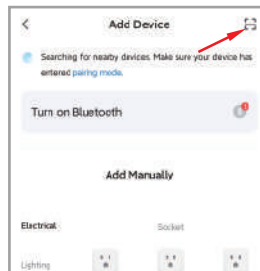


Fig2.5

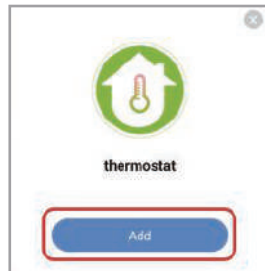


Fig2.6



This QR code must be scanned in the APP, Quick jump thermostat pairing.

ABOUT WIFI CONNECTION

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

Step 1 Download your APP(Fig1-1)



Fig 1-1



Fig 1-2 IOS/Android

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

Step 2. Connect the thermostat

Check the tutorial below to complete the connection and set up Method 1: Connect the mobile phone to WiFi and turn on Bluetooth. Add according to figure (Fig 2.1-Fig2.4)

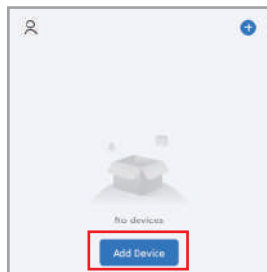


Fig2.1

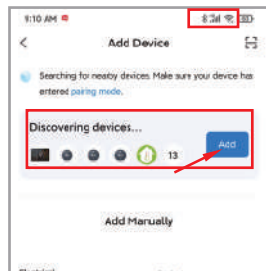
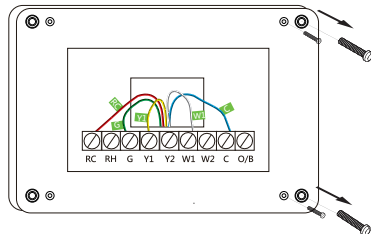


Fig2.2

Plan A:

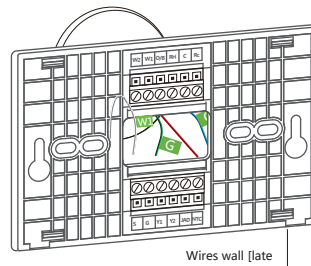
1.Remove the wall plate

Unscrew the wallplate from the wall and gently pull it to ensure the wires do not fall back into the hole



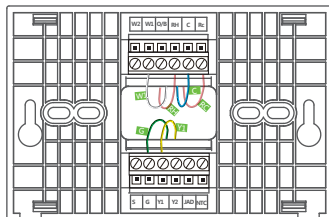
2.Connect the mounting plate

Wire the cables through the holes in the temperature controller mounting plate.



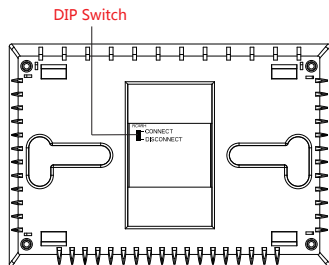
3.Connect the wires to the base

Note: Connect the R or RC wire into the RC terminal, Connect other wires to the corresponding terminals.



4.DIP Switch

If you have connected both the RC-wire and the RH-wire to the wall plate, adjust the DIP on the back of the thermostat to Disconnect , otherwise switch it to Connect



09 Whether to turn on the outdoor compressor at the lowest temperature	0: no 1: Yes , default 0
10 Compressor outdoor minimum outdoor temperature	°C: 0-20, °F: 32-68 default °C: 2, °F: 32
11 Turn on the maximum temperature of the auxiliary heat	0:no 1:Yes , default 0
12 Auxiliary heat on outdoor maximum temperature	°C : 0-18, °F : 32-64 default °C:18, °F: 64
13 Whether the heat pump compressor and auxiliary heat are turned on at the same time	0:no 1:Yes , default 1
14 Interval temperature	°C : 1.5-5 , °F : 3-9 default °C: 1.5 , °F: 3
15 Cool& Heat set	0 to 3 , default 3
16 °F&°C display	0: °F 1: °C , default 1
17 Reset to factory set	0:no 1:Yes , default 0
18 Filter replacement countdown reminder	0 to 180 , default 180 days
19 Enable dual energy	0:no 1:Yes , default 0
20 Production line test	0 : Normal Code ,1: test Code default 0
21 Version number	U1

Such as:

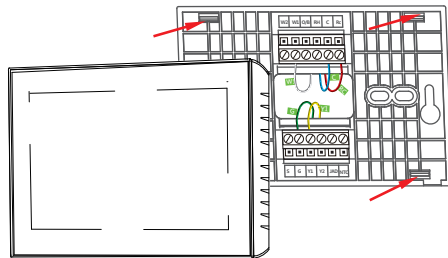
Schedule	Time	Heat	Cool
Wake	6:00AM	72°F (22°C)	72°F (22°C)
Away	8:00AM	72°F (22°C)	72°F (22°C)
Home	17:30PM	72°F (22°C)	72°F (22°C)
Sleep	21:30PM	72°F (22°C)	72°F (22°C)

7.Advance Options:

Press $\square_F$ & $\square_M$ for 3 seconds at the same time, Press $\square_M$ to change the different items, you can press $\square_{\uparrow}$ / $\square_{\downarrow}$ arrows to change settings.

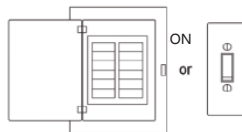
01 Temperature Calibration	• -9 to 9 , default -4
02 Standby brightness	• 3 to 99 , default 20
03 Min temp set	• °C : 5-15 ,°F : 9-27 default °C : 5,°F : 9
04 Max temp set	• °C : 15-35 ,°F : 27-63 default °C: 35,°F:63
05 1 stage compressor delay time	• 1-5, default 1
06 2 stage compressor delay time	• 1-5, default 1
07 Fan off delay time	• 1-5, default 1
08 Cycle time for fan cycle mode	• 1-11(5-55), default 2 (10)min

4.Attach the thermostat on base



5.Power on your system

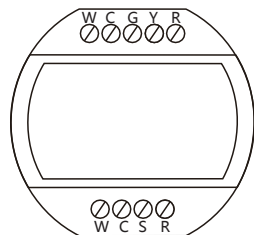
Once powered up, the thermostat screen will light up and display the setup wizard to complete configuration.



Plan B:

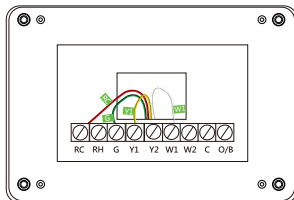
What is Power Module?

Power module requires your system to have the following wires:



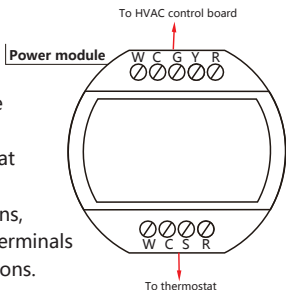
Power module

4 wires: W/W1, Y/Y1, G, and R (or Rc or Rh)
or 3 wires: Y/Y1, G, and R (or Rc or Rh)



If you do not have these wires, your system may not be compatible with the power module.

The C-wire is used to provide power to the thermostat. If your system does not have the "C" wire, can use the power module to power your thermostat using the existing wires. There are 2 sides with connections, 4 terminals is for thermostat, 5 terminals is for the control board connections.



Operation

1. Selectiong System Mode

Press  to select the mode of: Cool (Cooling only) ; Heat(heat only) ; Auto(Automatic control of heating and cooling based on ambient temperature); EM heat(emergency heating); Off(Off system)

2. Selectiong Fan Mode

Press  to select the fan mode of: On(Runs continuously); Auto (Automatically adjust the running time of the fan according to the system);Circ(Runs at intervals to circulate indoor air)

3. Selectiong Menu

Press  to select the operating mode of: Permanent Hold (Manual mode) ; Temporary Hold (emergency heating) ; Using Schedule (programming mode)

4. Set time

Press , the min of time will flash, touch in con  /  to set your time
Press , the hour of time will flash, touch the icon  /  set your hour
Press , the week of time will flash,
Wait for 4-5 seconds, the settings will be saved automatically.

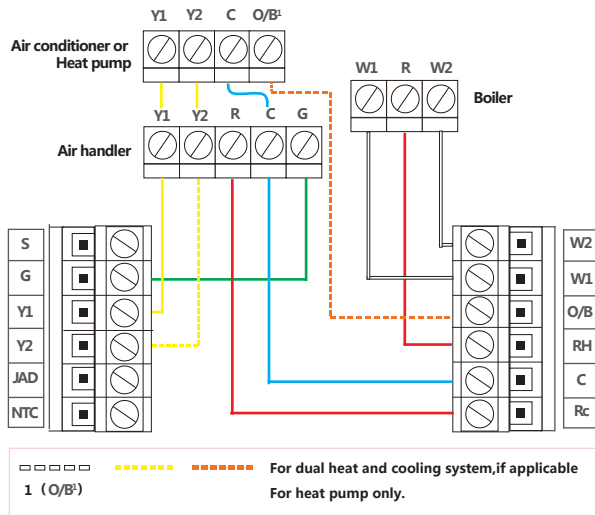
5. Child lock

Press  &  3sec to set locked or unlocked

6. Programa mode

Press  Four times, Hour will flase, you will see the wake on the screen, means you start setting schedule for programming mode.
Press  /  to set time and temperture.
You can set Wake, Away, Home, Sleep 4 time period temperature.

Boiler or radiant system with air handler and conventional cooling or heat pump

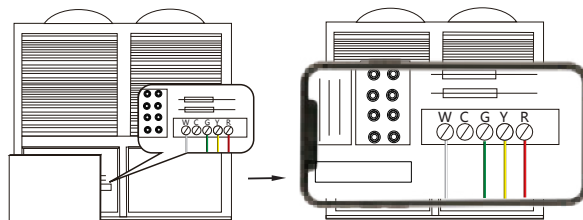


Remove the jumper between Rh, Rc, or R terminals, adjust the DIP switch on the back of the thermostat to 'Disconnect' if you have connected both RC-wire and RH-wire to the wallplate, otherwise switch it to the 'Connect' side.

Install the Power Module

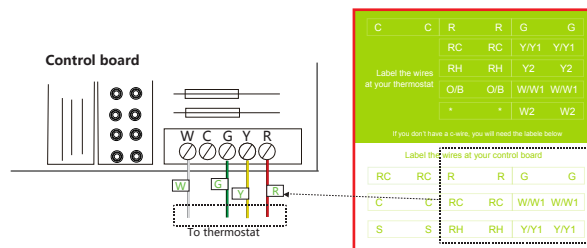
1. Find the HVAC terminals

Find and open the HVAC system's cover. Take a picture of the wires connected to the terminals of your old thermostat, you may need to reference this photo later.



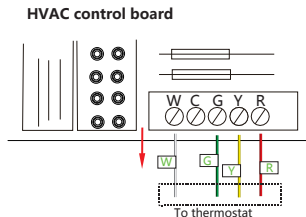
2. Label the wires

Only label the wires from the control board to the old thermostat



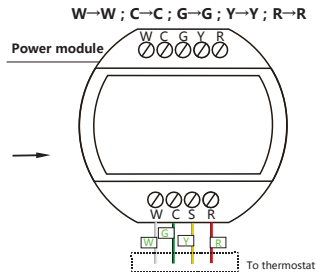
3.Disconnect the wires

Disconnect wires of W/W1, Y/Y1, R to thermostat from control board.

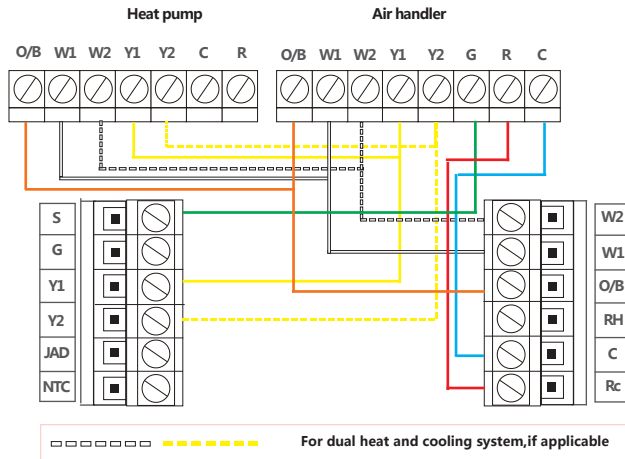


4.Connect the wiring module

Reconnect these wires to the 4-terminal side of the power module. The wires and corresponding terminals are show below.



Heat pump (air or geothermal) with auxiliary heat

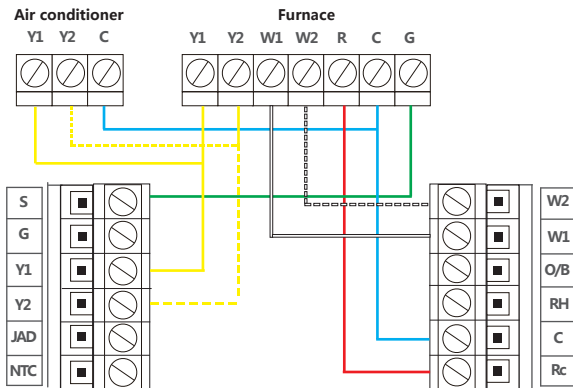


Remove the jumper between Rh, Rc, or R terminals, adjust the DIP switch on the back of the thermostat to 'Disconnect' if you have connected both RC-wire and RH-wire to the wallplate, otherwise switch it to the 'Connect' side.

Wiring diagrams

Below are the wiring diagrams for common HVAC equipment.

Conventional heating and cooling system

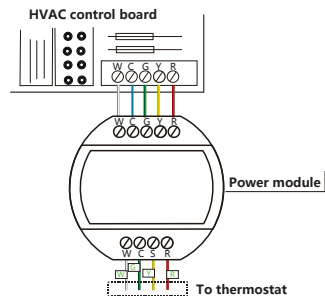


For dual heat and cooling system, if applicable

Remove the jumper between Rh, Rc, or R terminals, adjust the DIP switch on the back of the thermostat to 'Disconnect' if you have connected both RC-wire and RH-wire to the wallplate, otherwise switch it to the 'Connect' side

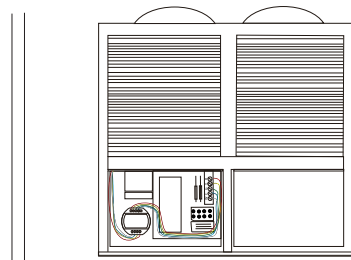
5. Connect the wires

5-terminal connect to HVAC control board side.



6. Position the wiring module

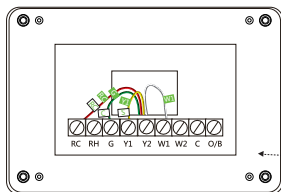
The power module should be installed between your thermostat wiring and your control board. Install it at the right position then close the HVAC coverpanel securely and return to your thermostat.



7.Add new tags

Add new tags to the following tags to simplify your wiring:

R/RC/RH→RC; G→C;Y/Y1→S



C	C	R	R	G	G
RC	RC			Y/Y1	Y/Y1
RH	RH			Y2	Y2
O/B	O/B	W/W1	W/W1		
*	*	W2	W2		

If you don't have a C wire, you will need the label below

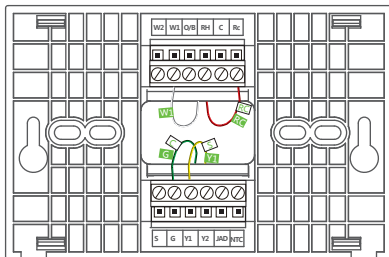
Label the wires at your control board

RC	RC	R	R	G	G
C	C	RC	RC	W/W1	W/W1
S	S	RH	RH	Y/Y1	Y/Y1

8.Connect the wires to the wallplate

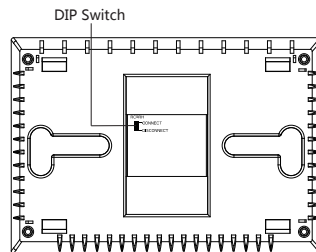
First connect 3 wires as shown below

RC,C,S



9:DIP Switch

Adjust the DIP switch on the back of the thermostat to the Connect.



10.Attach the thermostat on base

11.Power on your system

Once powered up, the thermostat screen will light up and display the setup wizard to complete configuration.

