

Purestat

Thermostat

User Guide



Purestat WiFi color screen display programmable thermostat contain many models as follows:

Model name/number(s): PS-W, PS-W Lite

Model number	Difference
PS-W	7 DO, 1 sensor input
PS-W Lite	5 DO, 1 sensor input



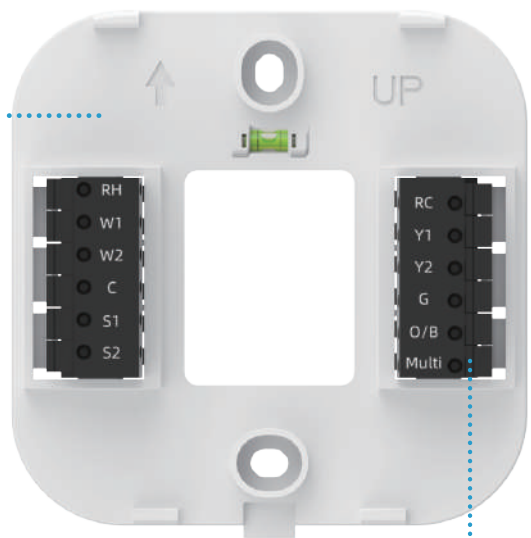
Installation Guide



Control buttons

Wall Plate

Display

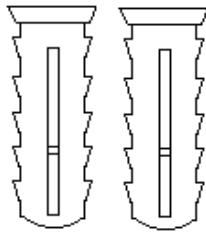


Wire terminals

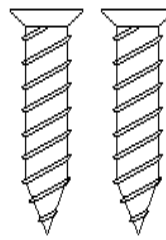
What's Included



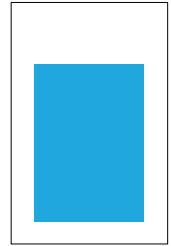
Purestat
Thermostat



Wall Anchors
(x2)



Screws
(x2)



Wire Label
Stickers

Additional tools you'll need:

- Screwdriver
- Pen or pencil (to mark drilling holes)

Additional tools you might need:

- Needle-nose pliers
- Wire stripper
- Drill and drill bit (7/32")

WiFi Requirements

- 2.4 GHz (802.11b/g/n) WiFi network
- WiFi name and password

Installation

The Purestat thermostat should be mounted in a suitable location.

- It is recommended to install the thermostat about 5 ft above the floor and in an open area with good air circulation.
- Do not install in locations that may affect the temperature reading, such as:
 - Drafty areas or poorly circulated areas.
 - Near ducts or appliances that blow hot or cold air.
 - Concealed pipes and chimneys.
 - Unheated (uncooled) areas such as an outside wall behind the thermostat.



WARNING

Failing to shut off the power could result in a serious injury, electrical shock, and/or risk of fire.

1. Turn off power.

Important: You must shut off the power at the breaker box that controls your heating/cooling system.

2. Test to make sure the power is off.

Sometimes there's some residual power in the thermostat so it could take up to 5 minutes for your old thermostat to turn completely off.

3. Remove your old thermostat.

Most thermostats allow you to just pull off the unit from its wall plate. However please make sure you're familiar with your old thermostat and the removal process, as you can potentially damage your wall if the process is incorrect.

Do NOT remove any wires yet from the old thermostat's wall plate.

4. Make sure the wires you have are supported.

If you have thick black wires, wire nuts connected on the wires coming from the wall, or uses 120V or higher, then your system is not compatible with the Purestat.

5. Take a picture of your current wiring setup.

Use your smartphone to take a picture of the wiring and connectors with the letters. You will use this as a reference when connecting to the Purestat thermostat.

6. Attach the included label stickers to the wires.

Wrap the label stickers around the appropriate wires. This will help when connecting them to the Purestat thermostat's connectors.

7. Disconnect the wires and remove the old wall plate.

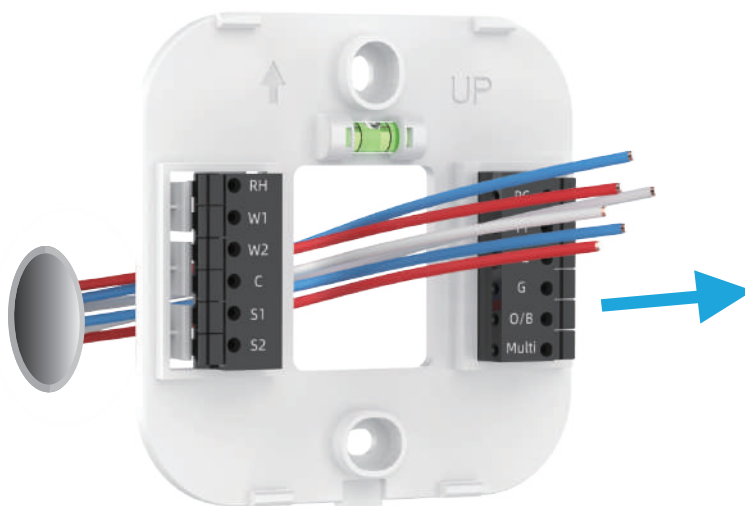
You may now start disconnecting the wires from the old thermostat's wall plate connectors. Make sure the wires do not fall back into the wall as they may be difficult to retrieve. Then, unscrew the wall plate from the wall to remove it.

8. Insert the wall anchors (optional).

You may choose to use the wall anchors to insert into the wall first before applying the new wall plate. First, hold the Purestat wall plate onto the wall where you'll be installing it and use a pen or pencil to mark the screw holes on the wall. Take off the wall plate and use a 7/32" drill bit to create the hole for the wall anchor, then insert the wall anchors.

9. Bring the wires through the Purestat wall plate.

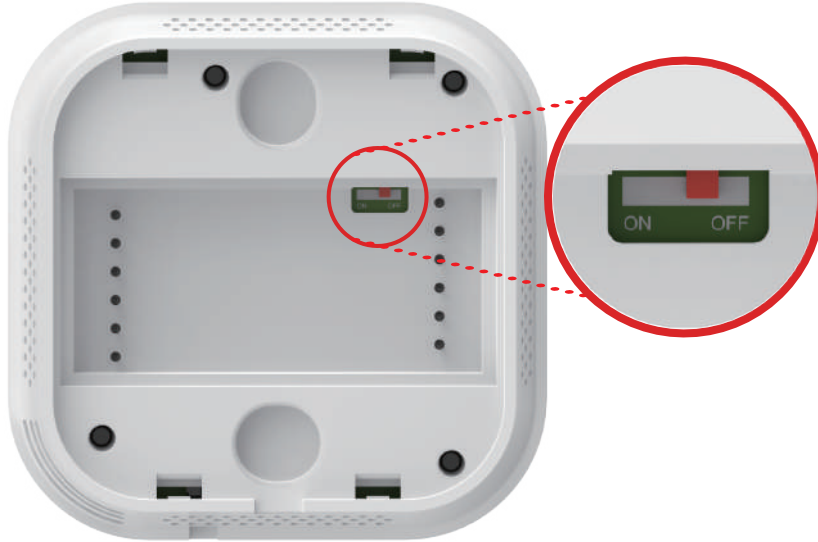
Bundle the wires together and through the middle hole of the Purestat wall plate. Also check to make sure there is enough exposed wiring (at least 1/4 inch) for each wire so they can insert into the wall plate connectors easily.



10. Connect your R wire(s).

Depending on your heating/cooling system you may have an R, Rh, and/or Rc wire(s). The Purestat thermostat can accommodate for these three wires but some configurations require a “jumper” connect the power.

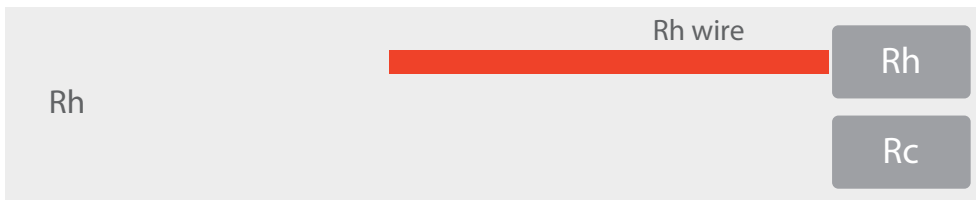
The jumper switch is located on the back of the thermostat as shown in the image below.



To determine the switch position, use the follow chart as a guide.

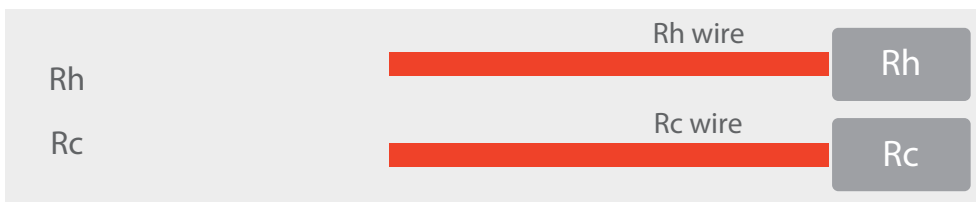
Turn the switch ON if:

Your heating and cooling equipment uses the same power supply



Turn the switch OFF if:

Your heating and cooling equipment unuses the same power supply



11. Connect the remaining wires.

Match your wires to the appropriate connectors on the wall plate. You will be connecting to the same labeled terminals as your old thermostat connections.

Note:

1. You may use Appendix 1 located in Page 17 as a reference if you encounter wiring issues.
2. Your wire colors may differ from the images shown below.

Terminal	Definition
C	AC 24V Common
RC	AC 24V power supply (transformer)
RH	AC 24V power supply (heating transformer)
W1	Heat 1 for Furnace/Boiler; Heat 1 for dual fuel
W2	Heat 2 for Furnace/Boiler; Auxiliary heat for heat pump; Med Speed for FCU
Y1	Cool 1 for AC; cool 1/heat 1 for heat pump
Y2	Cool 2 for AC; cool 2/heat 2 for heat pump; ERV
G	Fan output; Low Speed for FCU
O/B	Reverse (changeover) valve
Multi	Emergency heat; Heat 2 for dual fuel ; High Speed for FCU
S1	Outdoor sensor terminal 1/2
S2	Outdoor sensor terminal 2/2

12. Attach your Purestat WiFi Thermostat.

Firmly attach the Purestat thermostat to the wall plate.

13. Turn the power back ON.

Turn ON the power at the breaker box.

14. Follow on-screen instructions.

Once the power is back on, there will be a sequence of instructions to connect the WiFi, enter zip code, and app pairing.

App pairing

Pairing mode

Note: when power-up, the thermostat activate pairing mode automatically.

You can manually enter and exit pairing mode by press and hold up and down button for 3s.



Pairing success

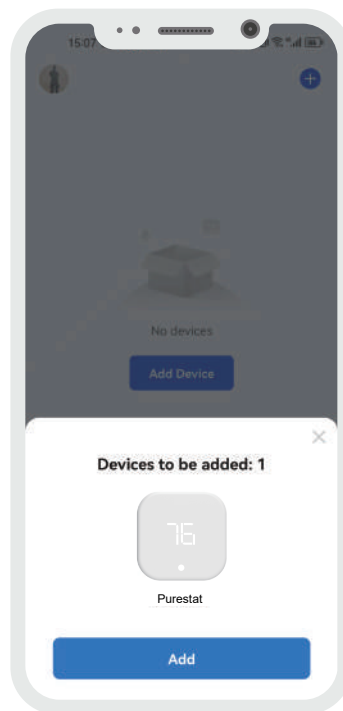
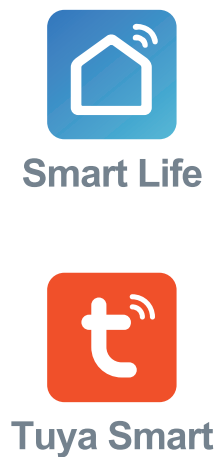


Pairing fail



Step 4a.

Download and Login to Smart Life or Tuya Smart app, Purestat will be found automatically, a pop up page will appear as below.

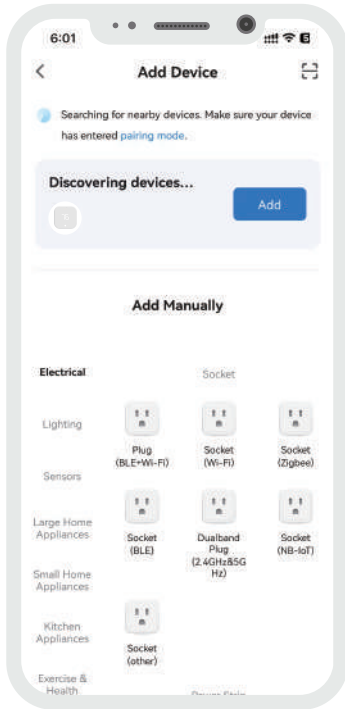


! WARNING

Mobile phone should connect to a 2.4G WiFi, and bluetooth shoule be enabled.

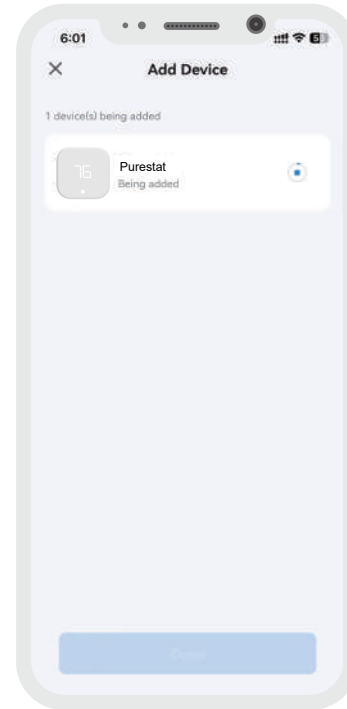
Step 4b.

If Purestat did not pop up automatically, click **+** in the upper right corner, and click **Add**.



Step 5.

Enter the WiFi password click Start to start pairing. If pairing fail please repeat previous steps.



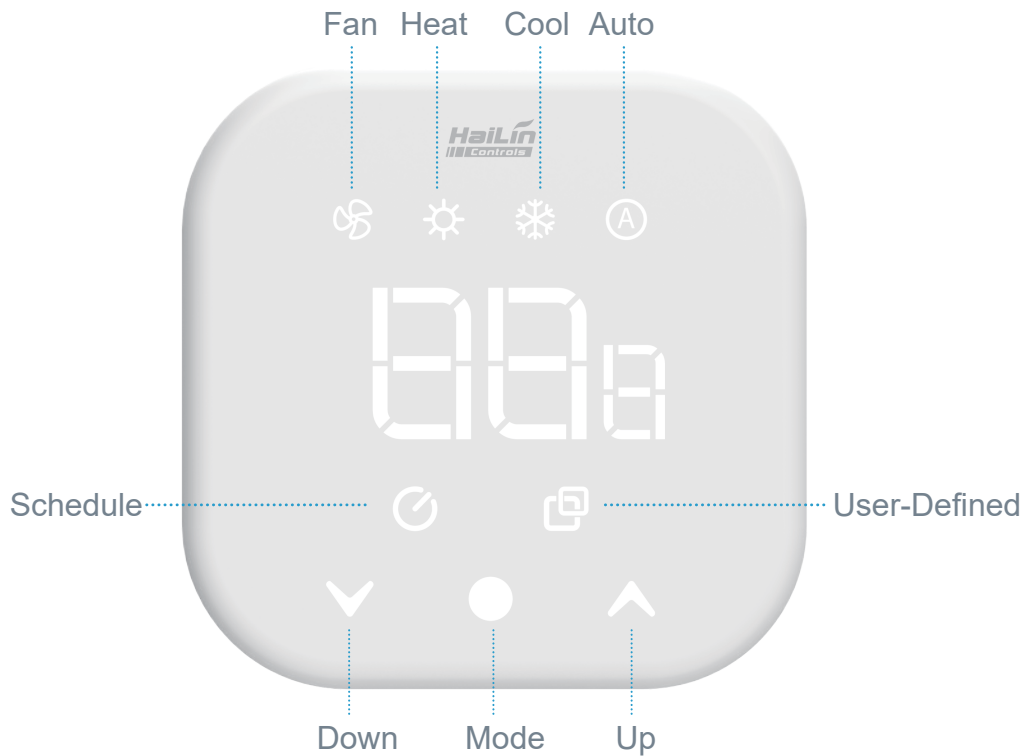
Operation Guide

The Purestat WiFi Thermostat allows you remotely control and schedule your home's temperature with ease. It can support most home cooling and heating systems up to 4 stage heating and 2 stage cooling.

Key Features

- Smart phone control
- Weather aware
- Three operation states: Comfort, ECO, Schedule
- Schedule programmable
- Color screen display
- Fan control up to 3 speeds
- ERV/HRV on/off control and interlocked to fan
- Better temperature visibility and controls
- Compressor protection
- Time synchronization
- OTA upgrade
- Up to 4 heating and 2 cooling stage
- Early-On

Introduction



Functions

Functions	Descriptions
System Modes	Off, Heat, Cool, Auto, Emergency, ERV
Fan	Auto, On; Hi, Med, Low for FCU
Operation states	ECO, Comfort, Scheduling. User can switch between these states via & Mobile App
Room Temperature Display	Show the current room temperature.
Room Humidity Display	Show the room humidity on the Mobile App
Minimum Compressor Off Time	A minimum Off time to make sure compressor cannot be started immediately after de-energized.
WiFi Connection	For OTA and remote control
Filter Change Reminder	Reminds to change filter based on timer
Custom	User can define the function of this button in App
Early-On	To activate heat/cool equipment earlier dynamically and in time to make sure room temperature will reach to the scheduled temperature of next period on time.

Specifications

Temperature Accuracy	±2°F
Humidity Accuracy	±10% RH
Set Point Range	Heating:(40°F~90°F) /Cooling:(50°F~99°F)
Operating Temp/Humidity Range	32~122°F, 5~95% RH (non - condensing)
Power Supply	AC 24V
Size	95x95x24 mm
Housing Material	PC+ABS V0
IP Rank	IP30
WiFi	2.4GHz only

Compatibility

- Compatible with most heating, cooling and heat pump systems.
- Required: 24 VAC power (“C” wire).
- Does not work with electric baseboard heat(120- 240V).
- Does not work with millivolt systems.
- Android or iOS smart phone, table or device.
- 2.4GHz (802.11b/g/n) for WiFi connectivity.

Operations

1) :Set temperature



Press to enter temp. setting Press again to adjust.



Press to switch between heat & cool set temp.



Set temp. is confirmed when icon stop flashing.

2) :System mode



Long press to system mode set.



Press to switch between Heat, Cool, Auto, Emergency heat mode.

3) :Fan mode



Long press to enter mode setting, short press to enter fan mode setting.

Single Fan Speed models:



Press to switch between Fan On and Fan Auto.

3-speed Fan Models:



Press to switch between fan speed 1 to 3, and Fan Auto.

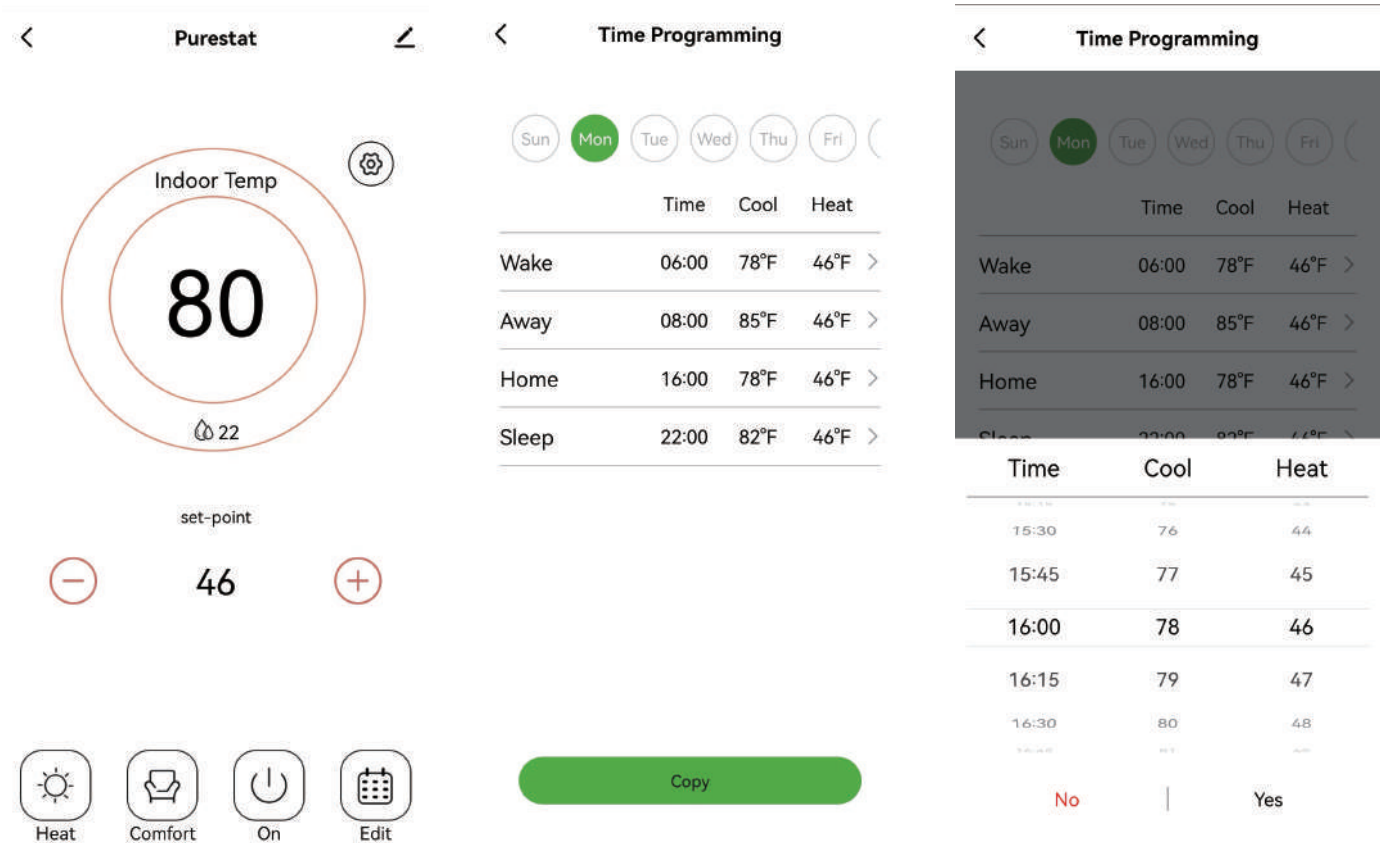
4) :Schedule switch:

Press and hold for 2s to switch on/off the schedule function. when schedule is switch off, thermostat enters comfort state.

User can set the schedule only on the mobile APP:

Step 1 click to edit schedule

Step 2 click to set the time and setpoint of each period.



Temporary hold scheduling: change the setpoint to temporarily hold current time period scheduling. Thermostat will go back to the programmed schedule when next time period is reached.

5) :Customer button

User can define the function of  in the mobile app.
Default function: System mode setting.

6) :ERV/HRV on/off mode

When On is selected, thermostat will turn on the ERV for 24 hours every day. When Off is selected the ERV is interlocked by fan speed, means thermostat will turn off the ERV but will turn on ERV if there is a fan speed output from thermostat. Operation via the app.

7):Comfort & ECO state

You can define the setpoint of ECO  & Comfort  state. Purestat will remember the setpoints you set.

Default setpoint for Comfort mode: Heat setpoint = 72 °F; Cool setpoint = 78 °F.

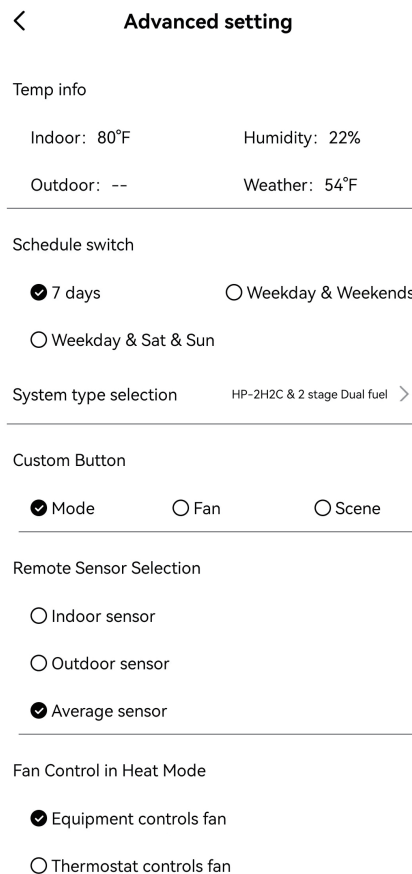
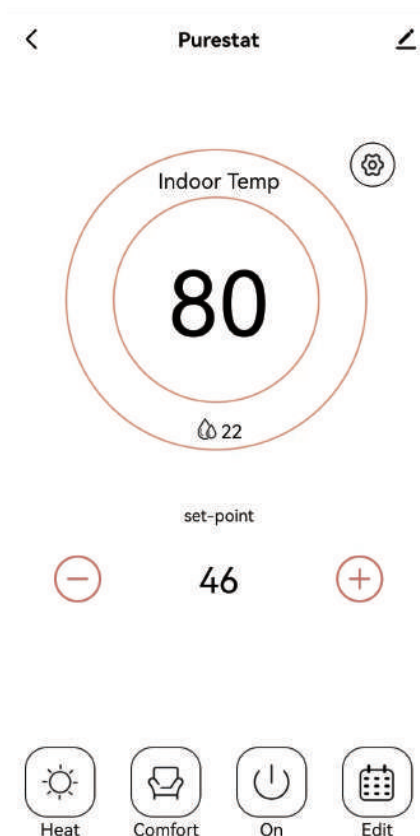
Default setpoint for ECO mode: Heat setpoint = 62 °F; Cool setpoint = 82 °F.

Advanced Settings

Press the settings icon  on the app to enter the Advanced Settings interface.
Advanced setting is only available from mobile App.

WARNING

Do not change advanced setting without consulting with technical support.



Temp Info

Display all the temperature and humidity readings from various sources.

Schedule Type


Use this setting to change schedule types.

7 days scheduling allows users to set different schedule for each weekday.

Weekdays & weekends scheduling allow users to set different schedule for 5 weekdays and 2 weekend days.

Weekdays & Sat& Sun scheduling allow users to set different schedule for 5 weekdays, Saturday, and Sunday.

Custom Button

User can set the function of  between System Mode(Mode), Fan Mode(Fan), Thermostat State(Scene).

System type

Change this setting to make sure your thermostats control logic is aligned with your HVAC system. Please contact technical support if you are not clear with your HVAC system type.

Fan Control in Heat mode

Change this setting to define if you want Purestat to control the fan of your conventional Air Conditioning and Furnace system when fan mode is set to AUTO in heating mode. For Heat Pump application, this setting is hidden and set to thermostat controls fan when fan mode is set to AUTO in heat mode.

Dual fuel balance point

This setting defines what temperature should the dual fuel furnace kick on.

When outdoor temperature is 2F above balance point temperature, Heat Pump will be the heat source.

When outdoor temperature is 2F below balance point temperature, additional heat equipment will be the heat source.

ERV equipment selection

“Normal on ERV” is default. Thermostat output is (on=0v, off=24v). This is for a built in ERV inside a fan coil unit;

Select “Normal off ERV”, then thermostat output is (on=24v, off=0v). This is for a standalone ERV or a remote ERV equipment.

Dual fuel outdoor temperature source

Change this setting to define the outdoor temperature source to compare with balance point for heat system switch.

O/B energized on heat or cool call

This setting is for Heat Pump system only. The orientation setting O/B energizes the reversing valve. When energized, the reversing valve helps the heat pump to switch between the cooling and the heating modes. If your heat pump system blows hot air in cooling mode, or blows cool air in heating mode, you may check this setting.

Idle state display

Change this setting to set idle state display contents.

Auto changeover

Change this setting to enable or disable heat and cool mode auto switch function.

Auto changeover dead band

Change this setting to adjust the gap between heat and cool set point. This setting is only available when auto changeover is enabled. Main display will show both heat mode set point and cool mode set point when auto changeover is enabled. Note: cool mode set point should be always equal or larger than heat mode set point plus dead band value.

Temperature unit

Change this setting to switch between Celsius and Fahrenheit.

Cycle per hour for cool/Cycle per hour for heat

Use these settings to define how many times per hour your heating or cooling system will turn on and off.

Filter change reminder

Change this setting to set a filter reminder. When the set running time is reached, Purestat will remind you to change the filter. The filter timer can be reset by press the “Reset filter” button.

Early-on

Enable this function will allow thermostat to activate heat/cool equipment earlier dynamically and in time to make sure room temperature will reach to the scheduled temperature of next period on time.

Minimum compressor off time

This function is designed to protect your equipment by keeping the compressor off for a few minutes before restarting, the minimum off timer is activated after the compressor turns off.

Do not change this setting if you are not a trained technical expert.

Heat set-point range/Cool set-point range

Change this setting to change set-point range of heat and cool, default heat set-point range is 40F to 90F, you can only set the upper limit of heat set-point; default cooling set-point range is 50F to 99F, you can only set the lower limit of cool set-point.

Delayed fan on time – heat/ Delayed fan on time -cool

Change this setting to define if fan needs to keep running for a period to blow the remaining heat or cool out of the system. Only functional when thermostat is controlling your fan output and fan is set to Auto mode.

Button

Change this setting to lock or unlock the control knob of Purestat. Once the knob is locked, you cannot control the PureStat locally.

Temperature reading offset

Change this setting to add a plus or minus offset to display value of room temperature.

Screen normal state brightness/Screen idle state brightness

Change these settings to adjust the brightness, when screen is in normal state and idle state.

Reset thermostat

You can reset your Purestat by this setting.

Choose “Reset settings” will reset all settings to factory state, after reset is complete, PureStat will restart and connect to mobile App automatically.

Choose “Reset Network Settings” will reset your network setting only, you will need to go through the WiFi pairing process to connect PureStat with your mobile App.

Hard Reset

In case of abnormal operation on Purestat, such as a crash or no response of the knob, please press the reset button to force Purestat to restart. The position of the reset button is shown in the right figure:



Appendix 1

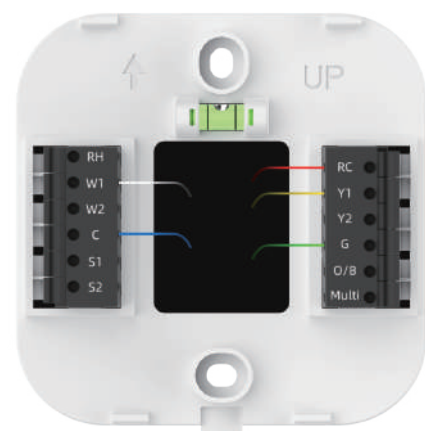
Terminal	Definition
C	AC 24V Common
RC	AC 24V power supply (transformer)
RH	AC 24V power supply (heating transformer)
W1	Heat 1 for Furnace/Boiler; Heat 1 for dual fuel
W2	Heat 2 for Furnace/Boiler; Auxiliary heat for heat pump; Med Speed for FCU
Y1	Cool 1 for AC; cool 1/heat 1 for heat pump
Y2	Cool 2 for AC; cool 2/heat 2 for heat pump; ERV on/off
G	Fan output; Low Speed for FCU
O/B	Reverse (changeover) valve
Multi	Emergency heat; Heat 2 for dual fuel; High Speed for FCU
S1	Outdoor sensor terminal 1/2
S2	Outdoor sensor terminal 2/2

Note:

The default mode of jump switch is in ON mode, in this mode the RC and RH are jumping together by the switch. If your system has two transformer or the system type is set to 10-12, 14, 16-18, please turn the jump switch to OFF mode.

1-1heat/1cool conventional (default setting)

Terminal	Definition
Multi	--
O/B	--
G	Fan output
Y2	--
Y1	Cool 1 for AC
RC	AC 24V power supply (transformer)
S2	--
S1	--
C	AC 24V Common
W2	--
W1	Heat 1 for Furnace
RH	--



2-1heat/1cool heat pump (no AUX heat)

Terminal	Definition
Multi	--
O/B	Reverse (changeover) valve
G	Fan output
Y2	--
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply (transformer)
S2	--
S1	--
C	AC 24V Common
W2	--
W1	--
RH	--



ON OFF Jumper switch

3-Heat only conventional (no fan)

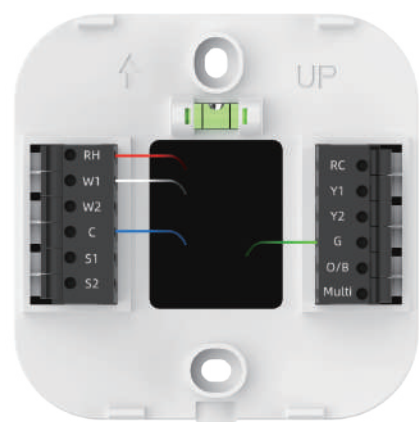
Terminal	Definition
Multi	--
O/B	--
G	--
Y2	--
Y1	--
RC	--
S2	--
S1	--
C	AC 24V Common
W2	--
W1	Heat for Boiler
RH	AC 24V power supply



ON OFF Jumper switch

4-heat only conventional (with fan)

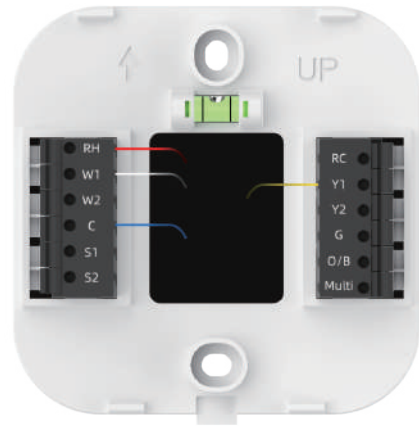
Terminal	Definition
Multi	--
O/B	--
G	Fan output
Y2	--
Y1	--
RC	--
S2	--
S1	--
C	AC 24V Common
W2	--
W1	Heat for Furnace
RH	AC 24V power supply



ON OFF Jumper switch

5-heat only (power to open and close zone valves or normal-open zone valves)

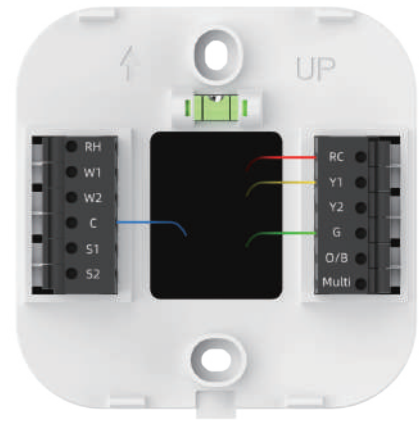
Terminal	Definition
Multi	--
O/B	--
G	--
Y2	--
Y1	Valve close
RC	--
S2	--
S1	--
C	AC 24V Common
W2	--
W1	Valve open
RH	AC 24V power supply



ON OFF Jumper switch

6-cool only conventional

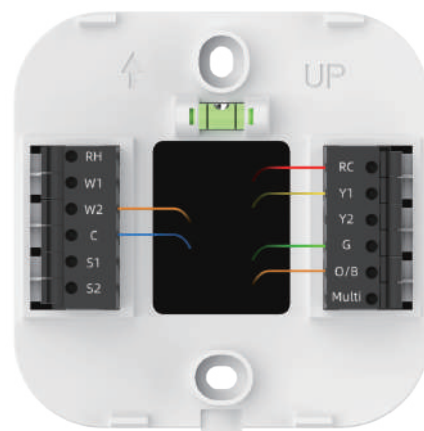
Terminal	Definition
Multi	--
O/B	--
G	Fan output
Y2	--
Y1	Cool 1 for AC
RC	AC 24V power supply
S2	--
S1	--
C	AC 24V Common
W2	--
W1	--
RH	--



ON OFF Jumper switch

7-2heat/1cool heat pump (with AUX heat)

Terminal	Definition
Multi	--
O/B	Reverse (changeover) valve
G	Fan output
Y2	--
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply
S2	--
S1	--
C	AC 24V Common
W2	Auxiliary heat for heat pump
W1	--
RH	--



ON OFF Jumper switch

8-2heat/1cool heat pump (with E heat)

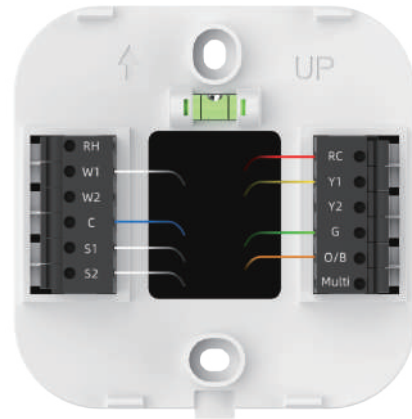
Terminal	Definition
Multi	Emergency heat
O/B	Reverse (changeover) valve
G	Fan output
Y2	--
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply
S2	--
S1	--
C	AC 24V Common
W2	--
W1	--
RH	--



ON OFF Jumper switch

9-2heat/1cool Dual Fuel

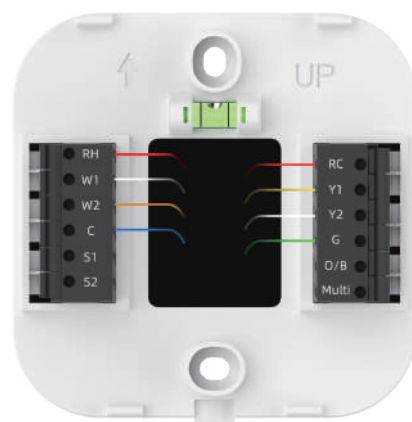
Terminal	Definition
Multi	--
O/B	Reverse (changeover) valve
G	Fan output
Y2	--
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply
S2	Outdoor sensor terminal 2/2
S1	Outdoor sensor terminal 1/2
C	AC 24V Common
W2	--
W1	Heat 1 for dual fuel
RH	--



ON OFF Jumper switch

10-2heat/2cool multistage conventional

Terminal	Definition
Multi	--
O/B	--
G	Fan output
Y2	Cool 2 for AC
Y1	Cool 1 for AC
RC	AC 24V power supply
S2	--
S1	--
C	AC 24V Common
W2	Heat 2 for Furnace
W1	Heat 1 for Furnace
RH	AC 24V power supply



ON OFF Jumper switch

11-2heat/1cool multistage conventional

Terminal	Definition
Multi	--
O/B	--
G	Fan output
Y2	--
Y1	Cool 1 for AC
RC	AC 24V power supply
S2	--
S1	--
C	AC 24V Common
W2	Heat 2 for Furnace
W1	Heat 1 for Furnace
RH	AC 24V power supply



12-1heat/2cool multistage conventional

Terminal	Definition
Multi	--
O/B	--
G	Fan output
Y2	Cool 2 for AC
Y1	Cool 1 for AC
RC	AC 24V power supply
S2	--
S1	--
C	AC 24V Common
W2	--
W1	Heat 1 for Furnace
RH	AC 24V power supply



13-2heat/2cool heat pump (no AUX heat)

Terminal	Definition
Multi	--
O/B	Reverse (changeover) valve
G	Fan output
Y2	Cool 2/heat 2 for heat pump
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply
S2	--
S1	--
C	AC 24V Common
W2	--
W1	--
RH	--



14-3heat/2cool heat pump (with AUX heat)

Terminal	Definition
Multi	--
O/B	Reverse (changeover) valve
G	Fan output
Y2	Cool 2/heat 2 for heat pump
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply
S2	--
S1	--
C	AC 24V Common
W2	Auxiliary heat for heat pump
W1	--
RH	AC 24V power supply



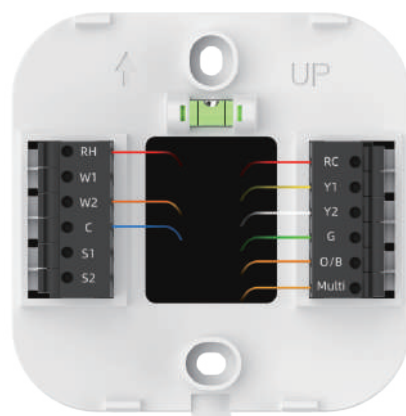
15-3heat/2cool heat pump (with Emergency heat)

Terminal	Definition
Multi	Emergency heat
O/B	Reverse (changeover) valve
G	Fan output
Y2	Cool 2/heat 2 for heat pump
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply
S2	--
S1	--
C	AC 24V Common
W2	--
W1	--
RH	--



16-4heat/2cool heat pump (with AUX & Emergency heat)

Terminal	Definition
Multi	Emergency heat
O/B	Reverse (changeover) valve
G	Fan output
Y2	Cool 2/heat 2 for heat pump
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply
S2	--
S1	--
C	AC 24V Common
W2	Auxiliary heat for heat pump
W1	--
RH	AC 24V power supply



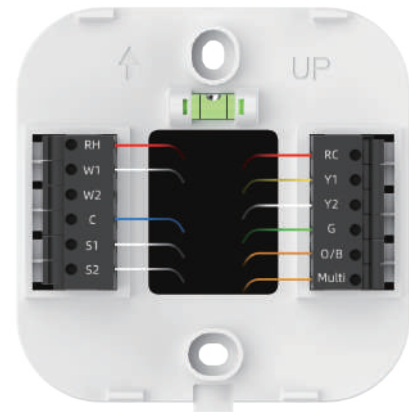
17-3heat/2cool dual fuel

Terminal	Definition
Multi	--
O/B	Reverse (changeover) valve
G	Fan output
Y2	Cool 2/heat 2 for heat pump
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply
S2	Outdoor sensor terminal 2/2
S1	Outdoor sensor terminal 1/2
C	AC 24V Common
W2	--
W1	Heat 1 for dual fuel
RH	AC 24V power supply



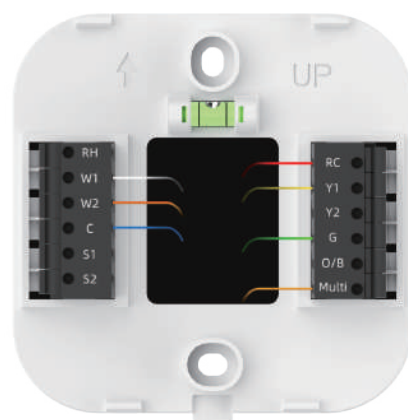
18-4heat/2cool dual fuel

Terminal	Definition
Multi	Heat 2 for dual fuel
O/B	Reverse (changeover) valve
G	Fan output
Y2	Cool 2/heat 2 for heat pump
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply
S2	Outdoor sensor terminal 2/2
S1	Outdoor sensor terminal 1/2
C	AC 24V Common
W2	--
W1	Heat 1 for dual fuel
RH	AC 24V power supply



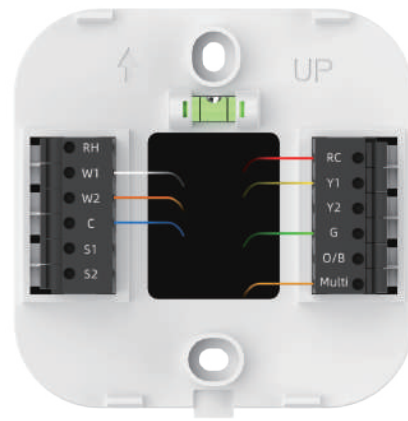
19-FCU (1 heat / 1 cool. 3 fan speeds)

Terminal	Definition
Multi	Fan speed High for FCU
O/B	--
G	Fan speed Low for FCU
Y2	--
Y1	Cool for FCU
RC	AC 24V power supply (transformer)
S2	--
S1	--
C	AC 24V Common
W2	Fan speed Med for FCU
W1	Heat for FCU
RH	--



20-FCU (Hi fan speed for cool, 3 fan speeds for heat)

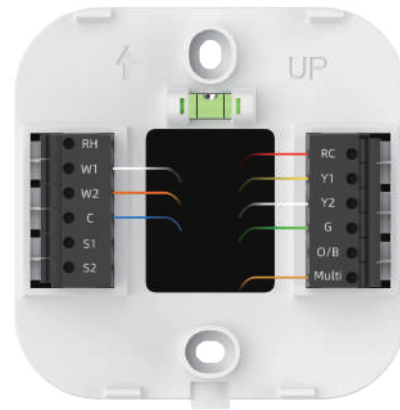
Terminal	Definition
Multi	Fan speed High for FCU
O/B	--
G	Fan speed Low for FCU
Y2	--
Y1	Cool 1 for AC
RC	AC 24V power supply (transformer)
S2	--
S1	--
C	AC 24V Common
W2	Fan speed Med for FCU
W1	Heat for FCU
RH	--



ON OFF Jumper switch

21-FCU (ERV, 1 heat/1 cool, 3 fan speeds)

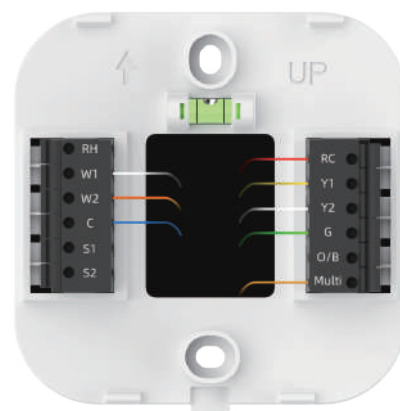
Terminal	Definition
Multi	Fan speed High for FCU
O/B	--
G	Fan speed Low for FCU
Y2	ERV
Y1	Cool for FCU
RC	AC 24V power supply (transformer)
S2	--
S1	--
C	AC 24V Common
W2	Fan speed Med for FCU
W1	Heat for FCU
RH	--



ON OFF Jumper switch

22-FCU (ERV, Hi fan speed for cool, 3 fan speeds for heat)

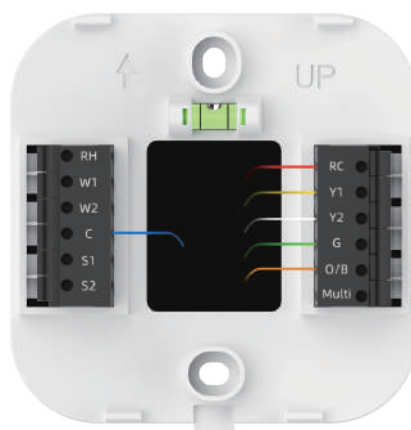
Terminal	Definition
Multi	Fan speed High for FCU
O/B	--
G	Fan speed Low for FCU
Y2	ERV
Y1	Cool 1 for AC
RC	AC 24V power supply (transformer)
S2	--
S1	--
C	AC 24V Common
W2	Fan speed Med for FCU
W1	Heat for FCU
RH	--



ON OFF Jumper switch

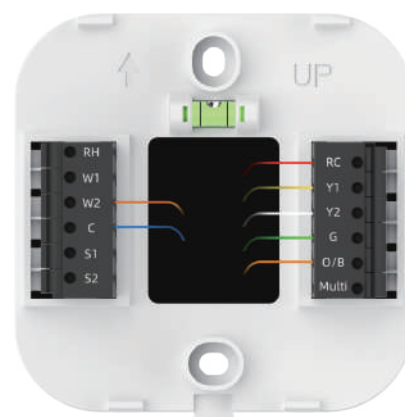
23-HP-1H1C (ERV)

Terminal	Definition
Multi	--
O/B	Reverse (changeover) valve
G	Fan output
Y2	ERV
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply (transformer)
S2	--
S1	--
C	AC 24V Common
W2	--
W1	--
RH	--



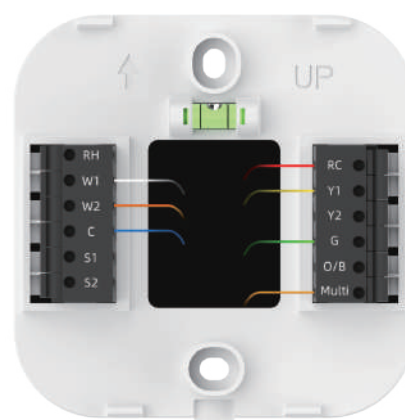
24-HP-2H1C (ERV& AUX)

Terminal	Definition
Multi	--
O/B	Reverse (changeover) valve
G	Fan output
Y2	ERV
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply (transformer)
S2	--
S1	--
C	AC 24V Common
W2	Auxiliary heat for heat pump
W1	--
RH	--



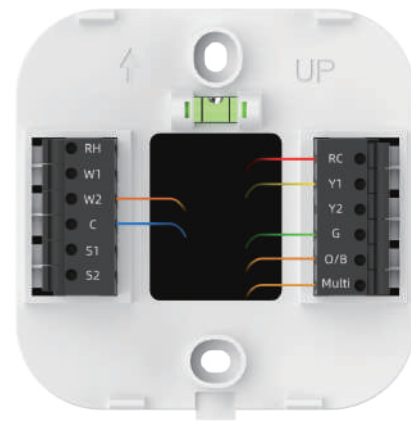
25-1heat/1cool with 3 speed conventional (default setting)

Terminal	Definition
Multi	Fan speed High for FCU
O/B	--
G	Fan speed Low for FCU
Y2	--
Y1	Cool 1 for AC
RC	AC 24V power supply (transformer)
S2	--
S1	--
C	AC 24V Common
W2	Fan speed Med for FCU
W1	Heat 1 for Furnace
RH	--



26-1heat/1cool with heat pump 3 speed (no Aux)

Terminal	Definition
Multi	Fan speed High for FCU
O/B	Reverse (changeover) valve
G	Fan speed Low for FCU
Y2	--
Y1	Cool 1/heat 1 for heat pump
RC	AC 24V power supply (transformer)
S2	--
S1	--
C	AC 24V Common
W2	Fan speed Med for FCU
W1	--
RH	--



FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Attention that changes or modification not expressly approved by the party that may cause that may cause compliance could void the user's authority to operate the equipment.

Note: This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Manufacturer:

Beijing HaiLin Control Technology Inc.
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Tel: 86-10-52816666 Fax: 86-10-52816677

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