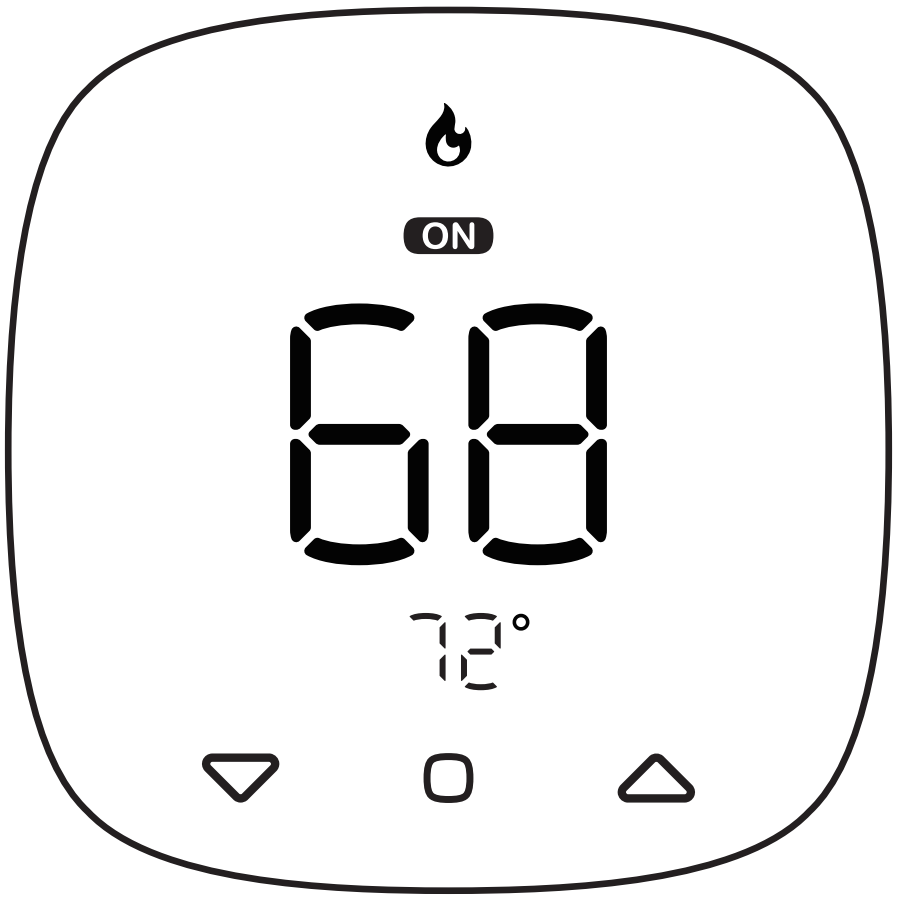


Wi-Fi Smart Thermostat

Quick Start Guide

Important Information

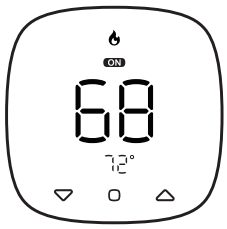
FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS COULD RESULT IN FIRE, ELECTRIC SHOCK, OR OTHER INJURY OR DAMAGE.

In some regions, a professional installation may be necessary. Check your local regulations and building codes before undertaking any electrical work, as permits and/or professional installation might be legally required.

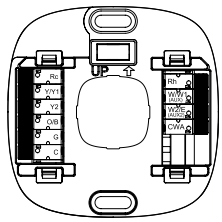
Before starting installation, turn off the power to the installation area at your circuit breaker or fuse box. Always handle electrical wiring with care to avoid the risk of electrical shock or equipment damage.

Install your device in a location that is away from heat sources and direct sunlight to prevent temperature fluctuations, which could affect the accuracy of temperature readings and overall device performance. Avoid placing your device near water or in areas with high humidity.

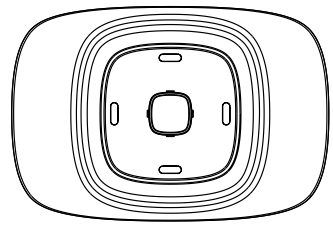
In the box



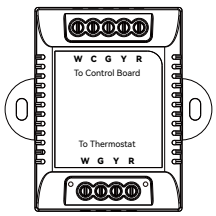
Wi-Fi Thermostat



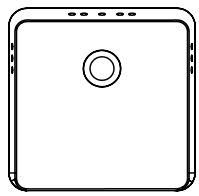
Backplate



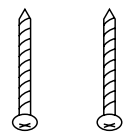
Trim Plate



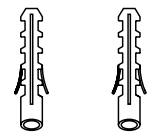
C-Wire Adapter (optional)



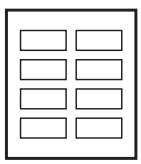
Remote Zone Sensor (optional)



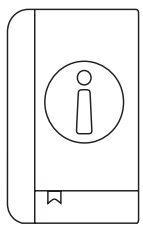
Pointed Screws (x2)



Drywall Plugs (x2)



Wire Labels

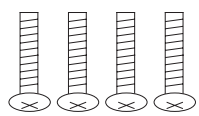


User Guide

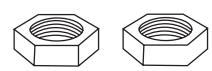
Phillips screwdriver

Flat head screwdriver

For Junction Box Installation:

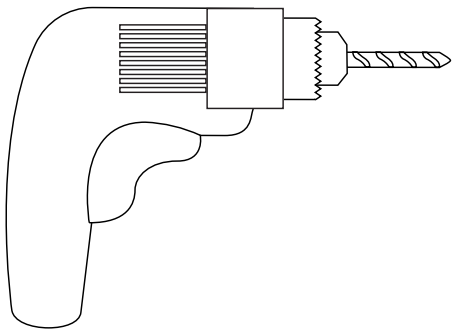


Flat-ended Screws(X4)

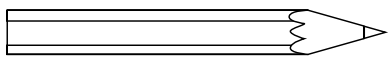


Nuts (X2)

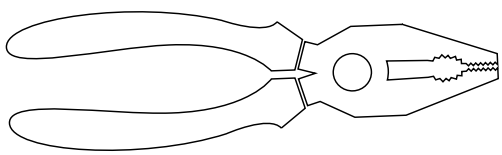
These tools will help with installation



A drill with a 3/16-inch drill bit



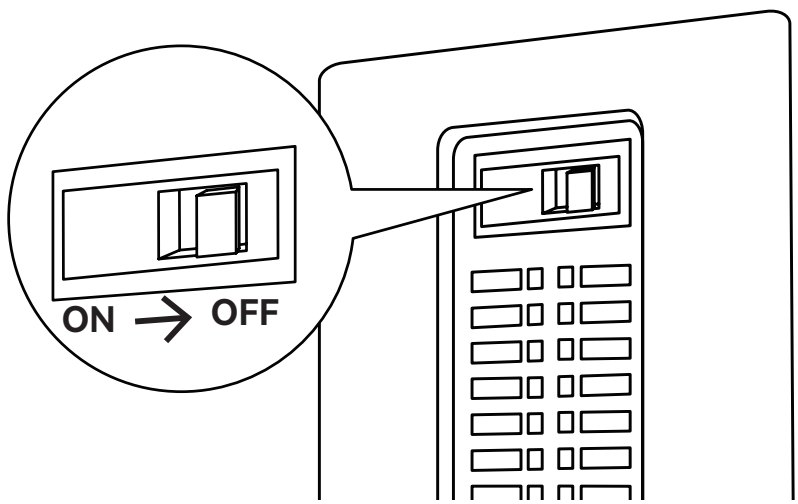
A pencil



Pliers and wire strippers

Step 1. Turn off the power

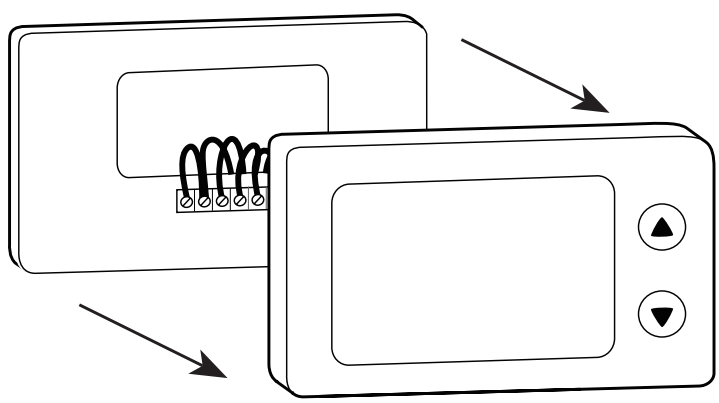
Locate the power switch for the HVAC system and turn it off. This step is important for your safety and the safety of your home.



Once the power is off, try adjusting your old thermostat to double check that the system is off.

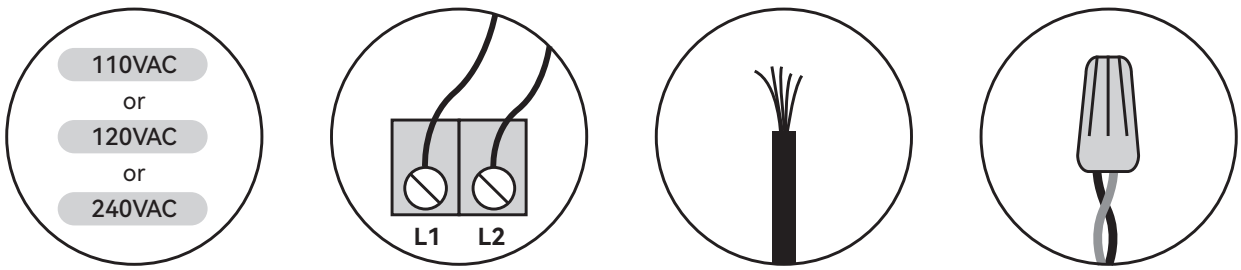
Step 2. Remove your old thermostat faceplate

Some faceplate can be easily pop off, while others require a screwdriver.



Step 3. Compatibility Check

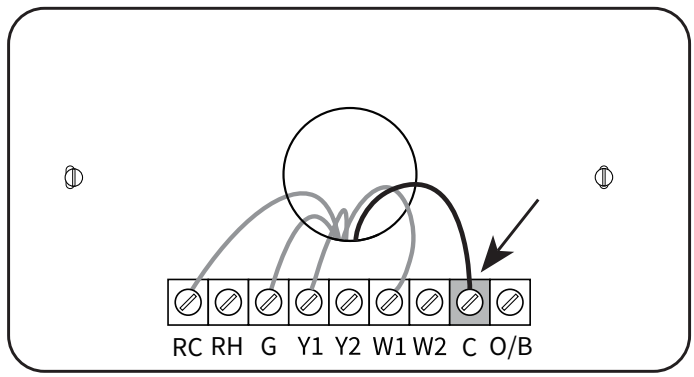
A. High Voltage



If you see any of these indicators on the back of your old thermostat, it indicates that your system is high voltage, which may not be compatible.

B. C-Wire

• The thermostat requires a C wire for power. Check if there is a wire connected to the C terminal on your old thermostat.

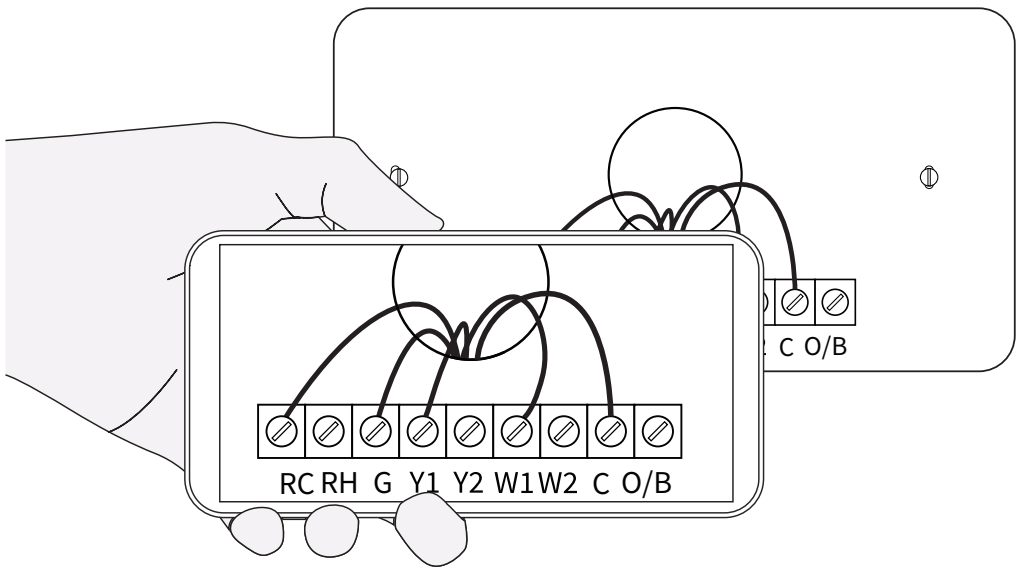


• If you don't have a C wire, you will need the following 3 wires on your old thermostat to install the C-Wire Adapter to power new thermostat: *Y/Y1, G, and R (or Rc or Rh)*

If you have neither a C wire nor the three required wires mentioned above, then your system is incompatible.

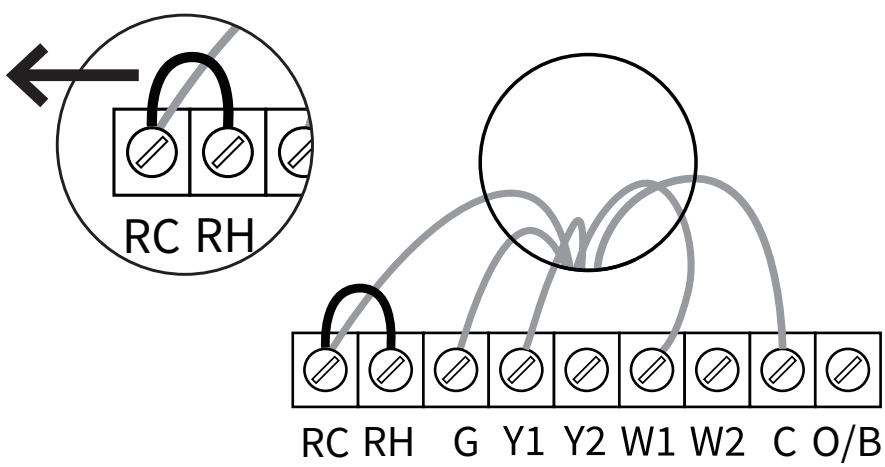
Step 4. Take a photo of your old wiring

It's important to have a photo of your old wiring, just in case you need to return the wiring to the way it was before.



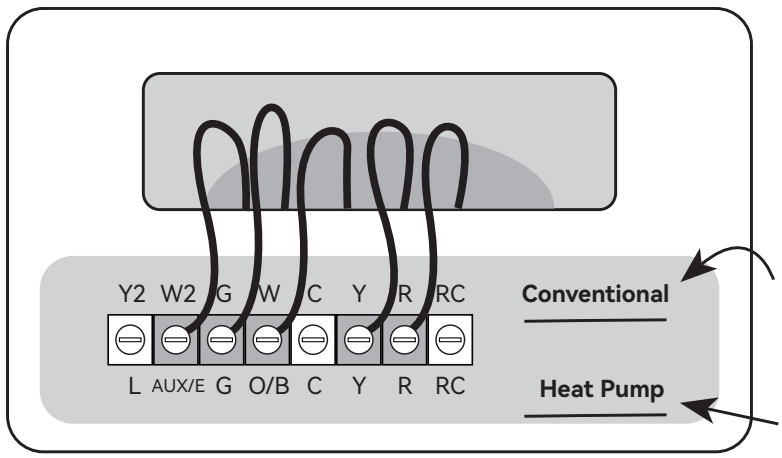
Step 5. Remove all jumper wires

Some systems have short wires connecting two terminals. One of the two terminals may not have a wire coming trom the wall. Remove all jumper wires. Be careful not to remove regular wires coming from the wall.

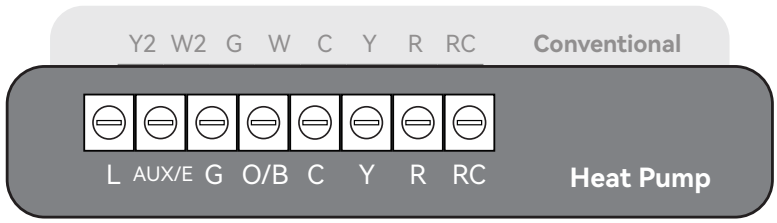


Step 6. Check which set of labels you will be using

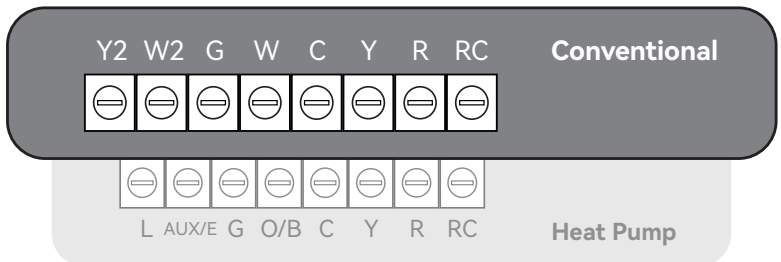
Some thermostats have 2 sets of terminal labels, one for heat pump and one for conventional. If you only have one set of labels, please skip this step and jump to page 10.



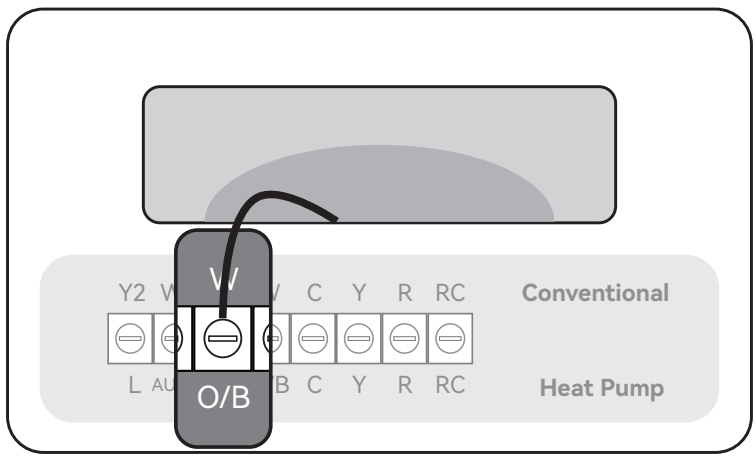
• If your system has a heat pump, please use the heat pump wire labels or the set of wires that includes the "O/B" label.



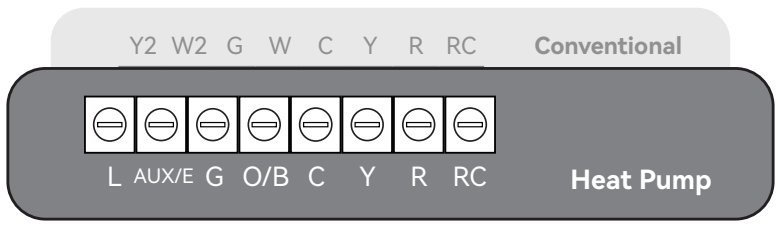
• If your system does not have a heat pump, please use the conventional wire labels or the set of wires without the "O/B" label.



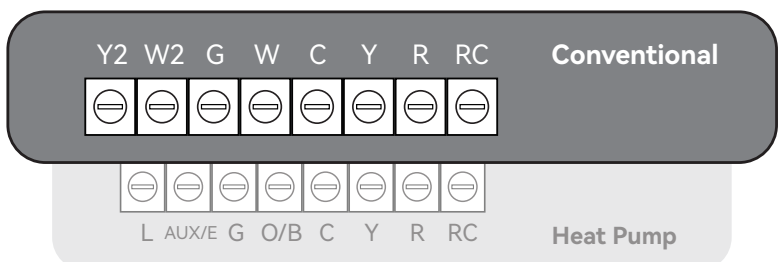
You can also identify it by the colors of wire with W and O/B labels.



• If it is orange, please use the heat pump wire labels or the set of wires that includes the "O/B" label.

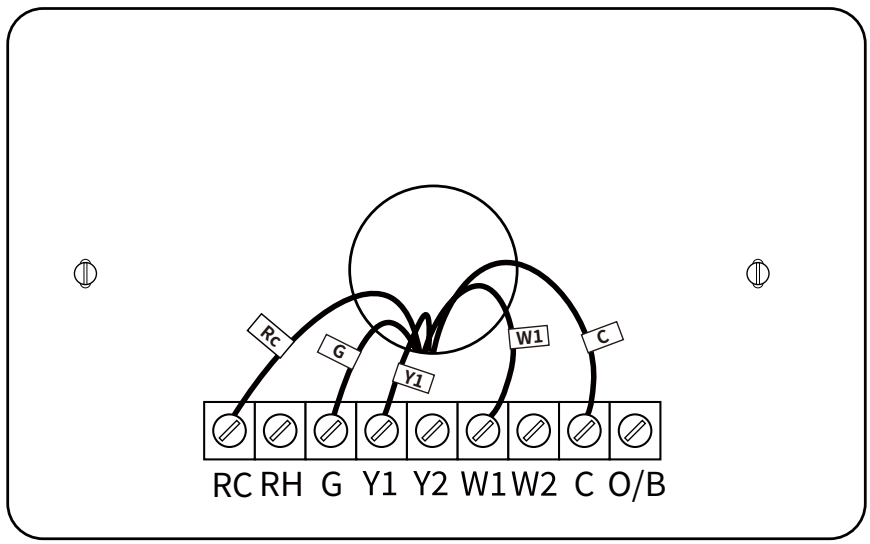


• If it is white, please use the conventional wire labels or the set of wires without the "O/B" label.



Step 7. Label your wires

Use the provided Wire Labels **(White background)** to tag each wire accordingly. If you have two sets of terminal labels, please select the correct one.



Special labels:

If your old thermostat has wires connected to the following terminals, you need to pay special attention when tagging them:

If you are Heat Pump system

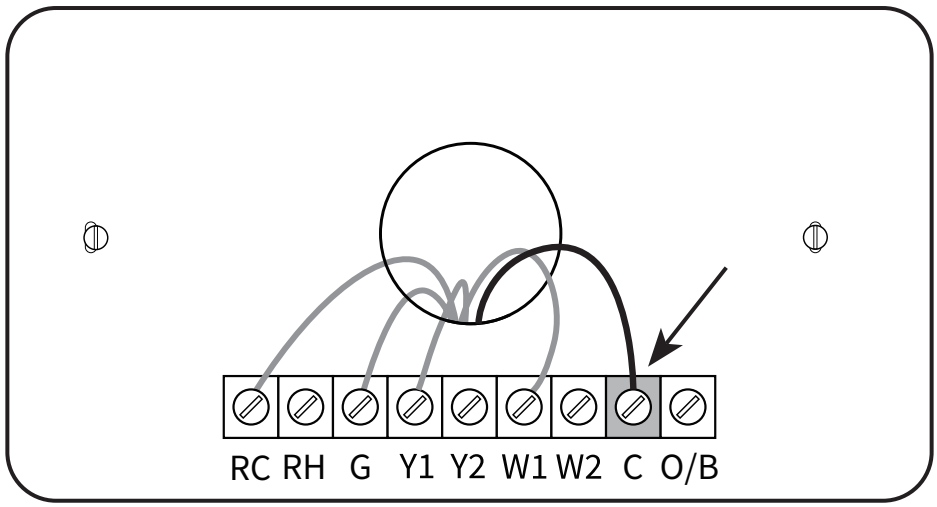
Terminal	Labels
W2/Aux →	W1
Aux or Aux1 →	W1
Aux2 →	W2

If you are Conventional system

Terminal	Labels
W2/Aux →	W2

CHECKPOINT: C-WIRE

Do you see any wire connected to the C terminal on your old thermostat?



YES

Continue to the **NEXT PAGE**

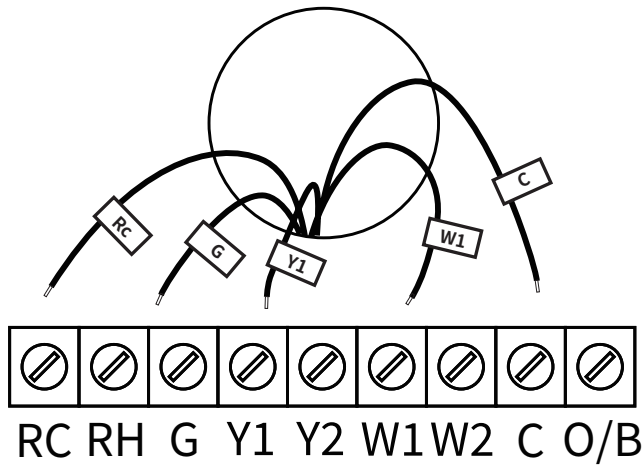
NO

Go to **PAGE 25**

Install the thermostat ***with a C wire***

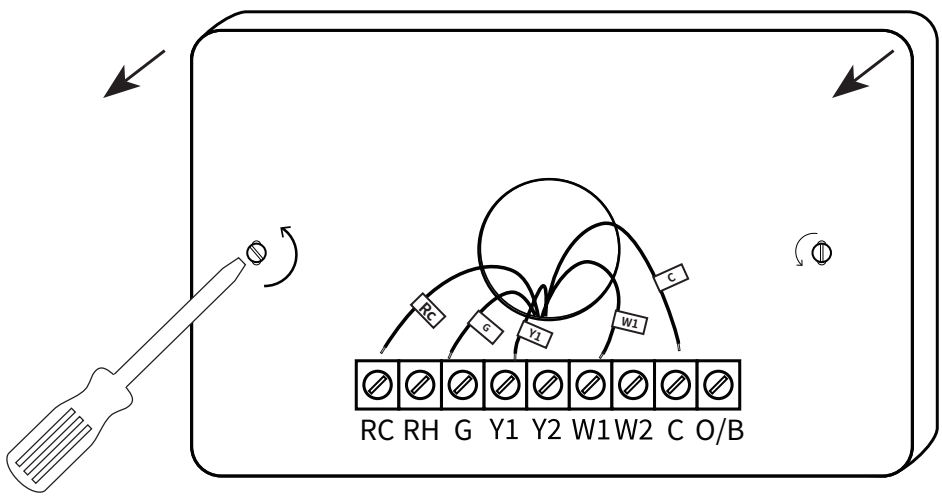
Step 8. Disconnect wires

Loosen each terminal and disconnect the wires from your old thermostat. Don't let your wiring fall back into the wall after you disconnect them.



Step 9. Remove your old wall plate

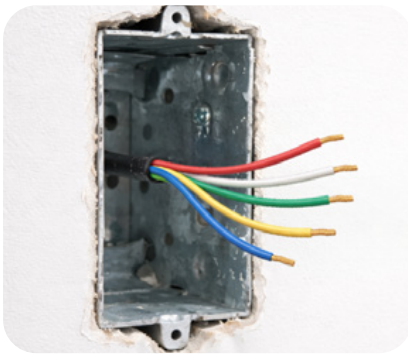
Unscrew the old thermostat from the wall. If your old thermostat has a trim plate, remove it too. You may want to wrap the wires around a pencil so they don't fall back into the wall.



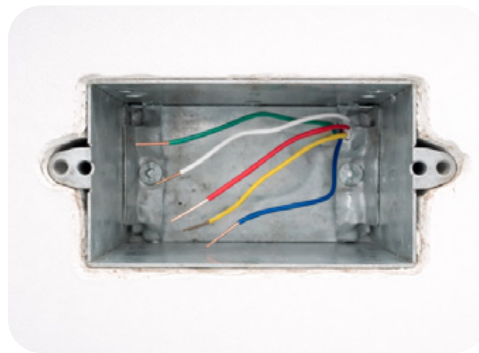
Step 10.

Check if your thermostat is installed on a junction box

Some thermostats are mounted on a recessed metal or plastic box that houses electrical wiring. If you have one, we'll need to add a few quick steps to your installation.



Example1: Vertical Box



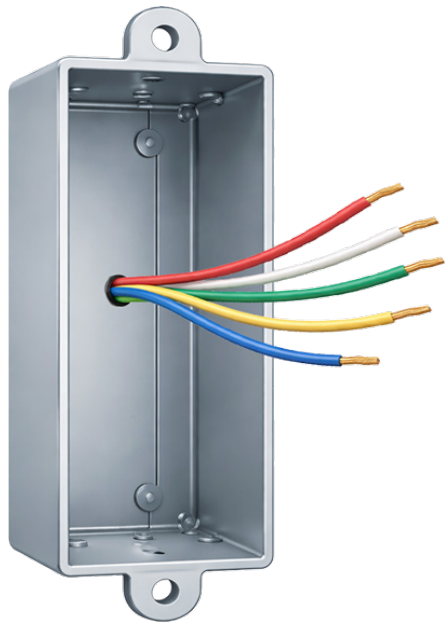
Example2: Horizontal Box

Option A: If you don't have Box -> Go to *Page 20*

Option B: If you have Vertical Box -> Go to *Next Page*

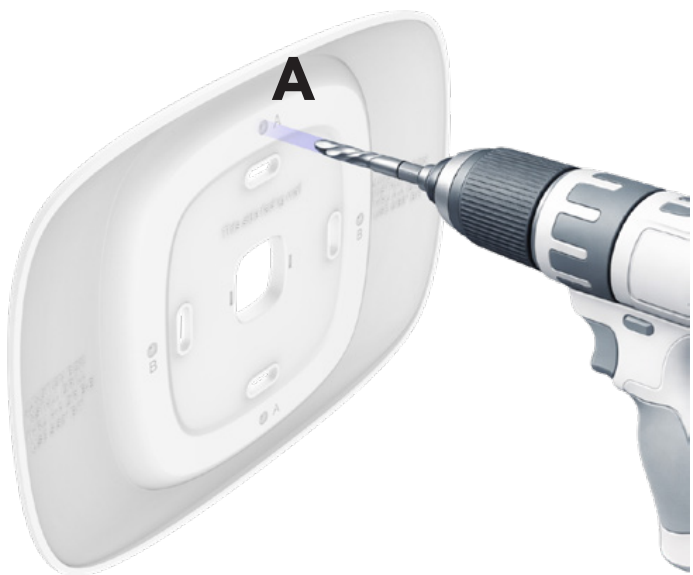
Option C: If you have Horizontal Box -> Go to *Page 17*

The junction box is mounted vertically



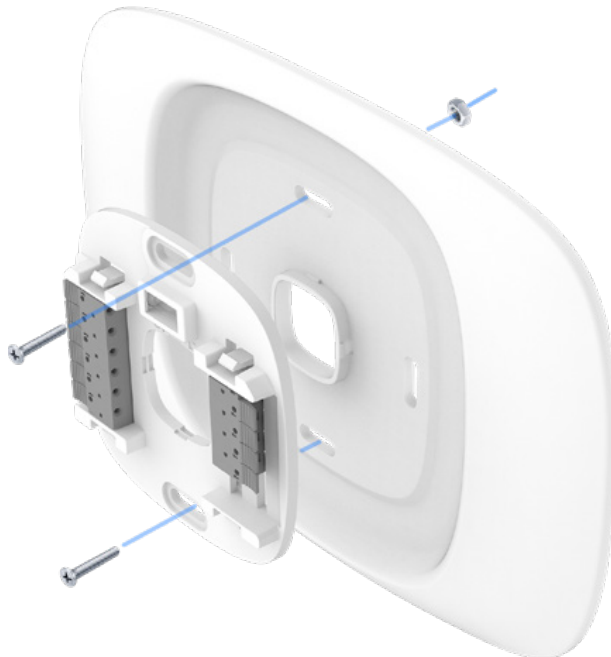
- Drill holes in the trim plate

Turn the plate over to expose the rear guide holes. Using a 5/32" drill bit, drill through the top and bottom holes labeled **"A"**.

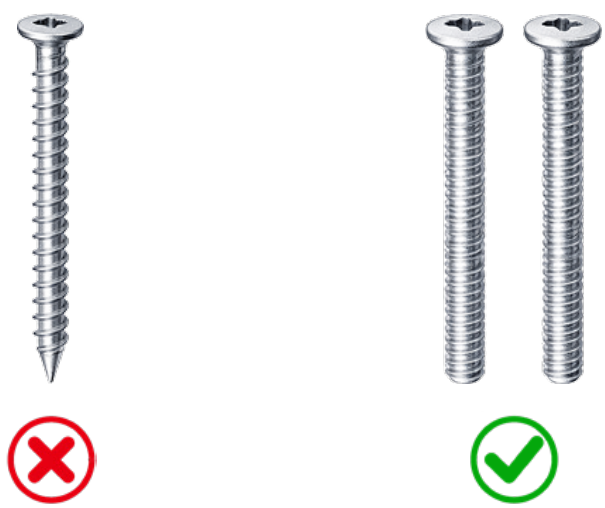


- Secure Backplate to Trim Plate

Stack the backplate onto the trim plate and align the center openings.

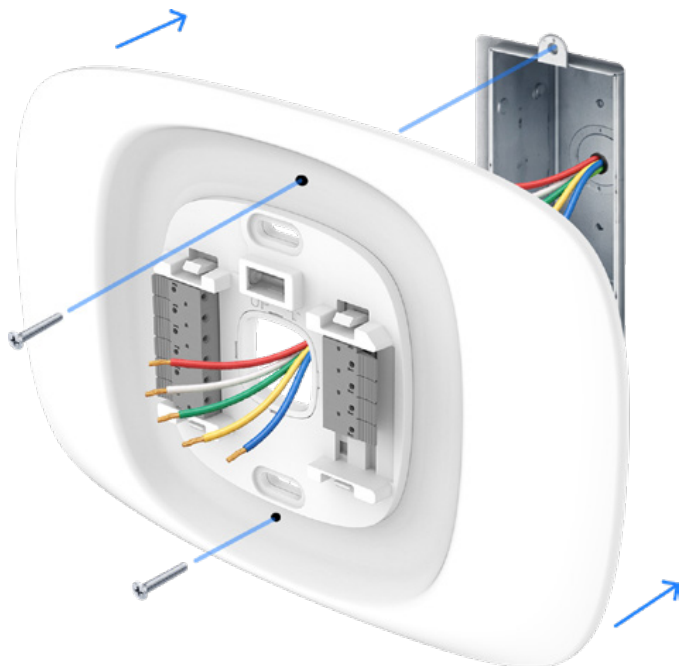


Use the included flat-ended screws (not the pointed wall screws) to join them, and secure with the nuts on the back.

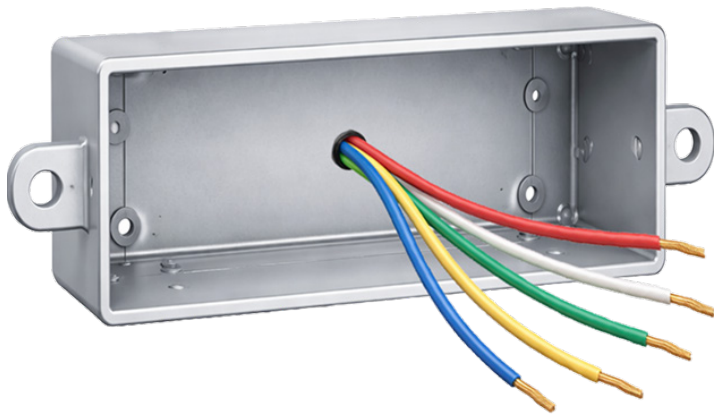


- Attach the trim plate to the junction box

Pull all the wires through the center of the trim plate. Align the plate with your junction box holes and tighten it in place with the last two flat-ended screws. Then, skip to **Page 21.**

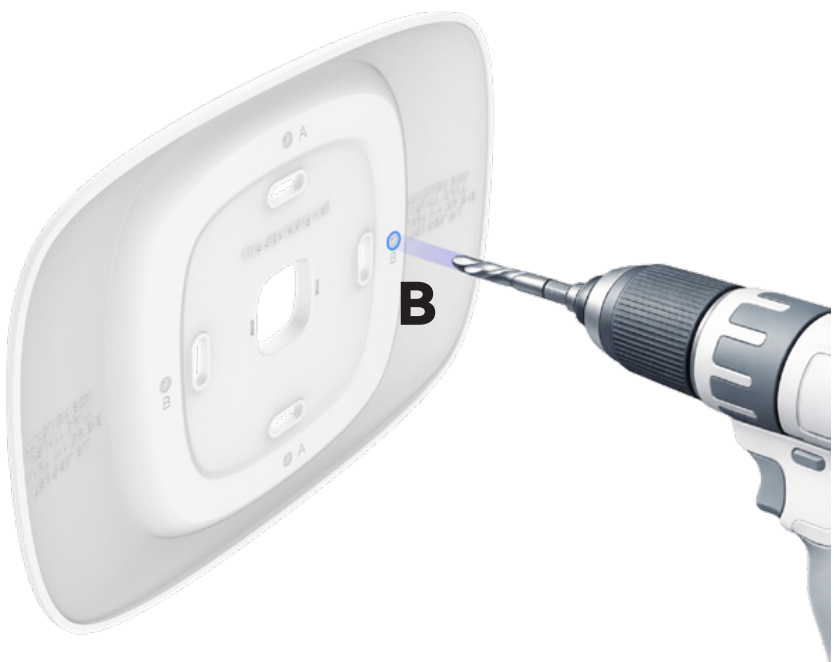


The junction box is mounted horizontally



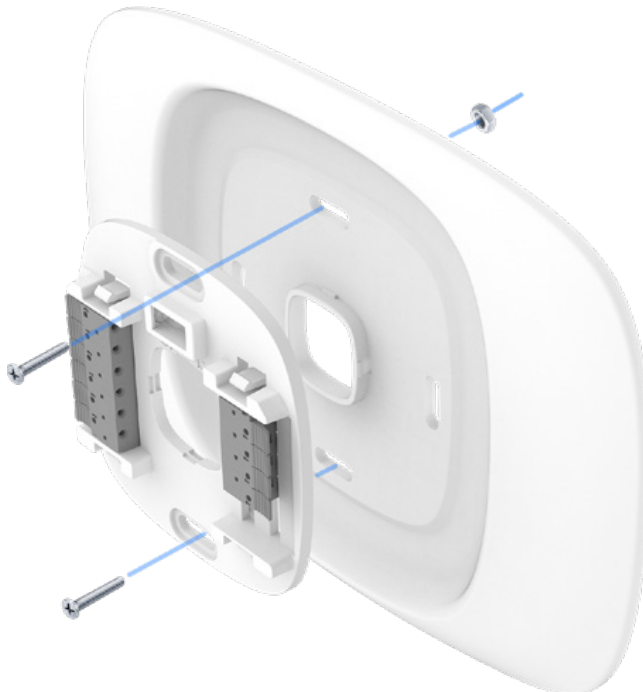
- Drill holes in the trim plate

Turn the plate over to expose the rear guide holes. Using a 5/32" drill bit, drill through the top and bottom holes labeled **"B"**.

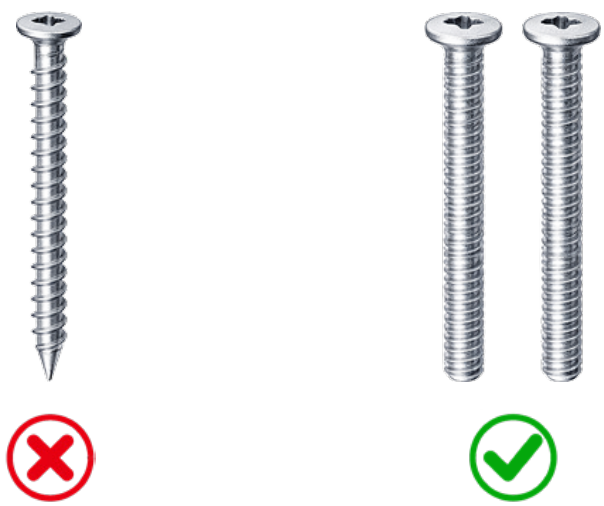


- Secure Backplate to Trim Plate

Stack the backplate onto the trim plate and align the center openings.

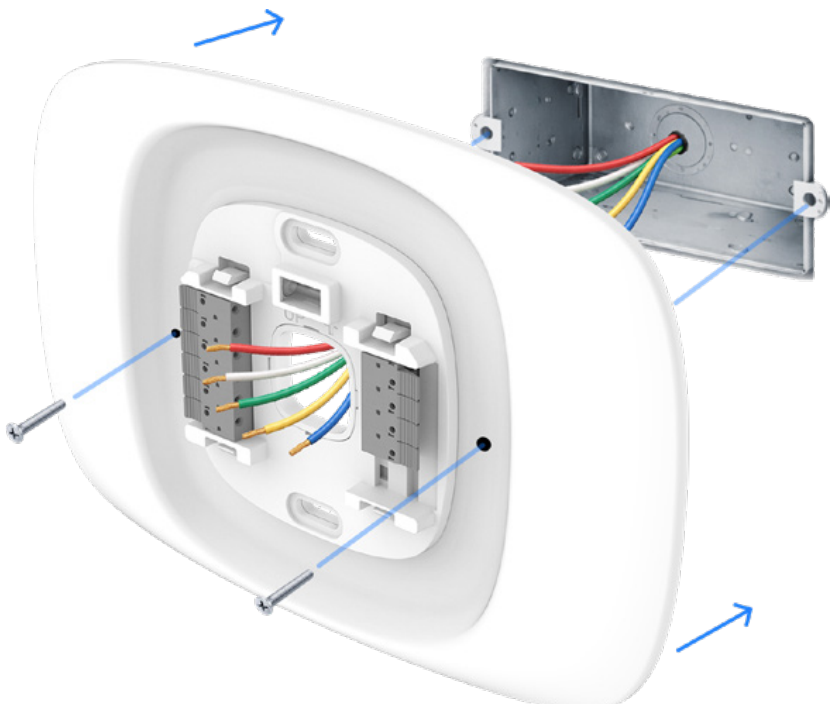


Use the included flat-ended screws (not the pointed wall screws) to join them, and secure with the nuts on the back.



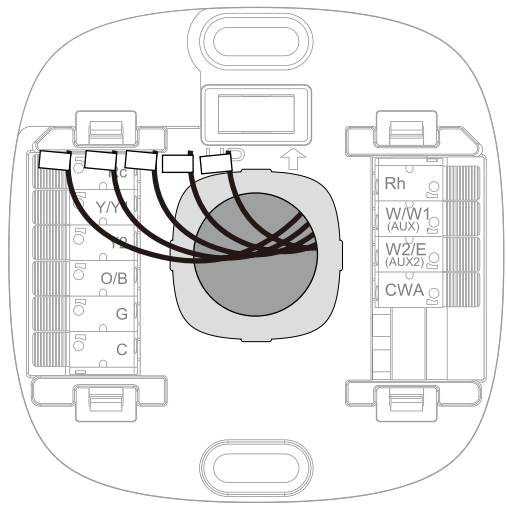
- Attach the trim plate to the junction box

Pull all the wires through the center of the trim plate. Align the plate with your junction box holes and tighten it in place with the last two flat-ended screws. Then, skip to **Page 21.**



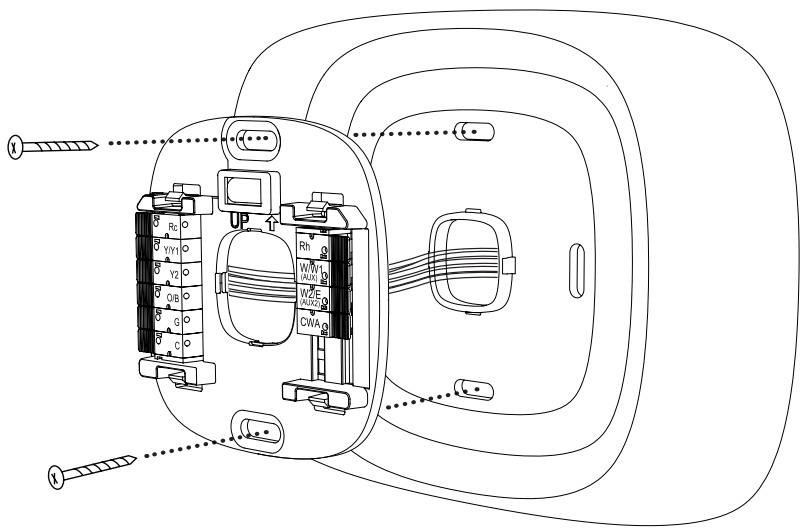
Step 11. Pull the wires through the backplate

Mark where the screws will go. Use the bubble level to make sure the thermostat is straight. If you need to drill new holes in your wall, remove the backplate before doing so.



Step 12. Attach the backplate to the wall

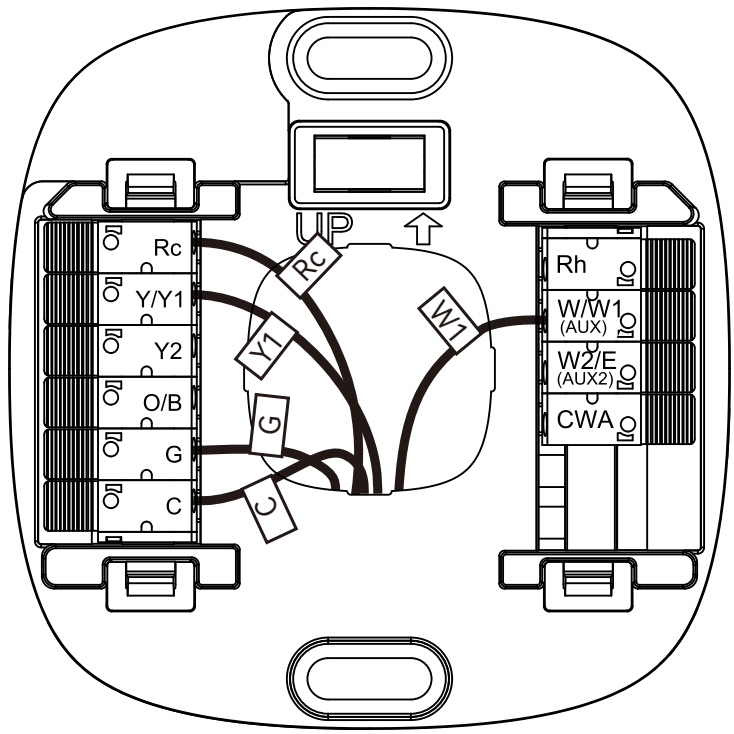
Secure your new thermostat's backplate to the wall by using the included anchors and screw. You can drill a hole for the drywall anchors with 3/16' drill bit.



Optional: use the trim plate to cover screw holes or gaps left over from your old thermostat's installation.

Step 13. Connect the wires

Press the terminal block levers down to insert each labelled wire to the matching slot in your backplate. You can refer to the wiring diagram on page 43



Tug on the wires gently to ensure they are secured. After all the wires are inserted, tuck them neatly back into the wall.

Special wires:

• If you have more than one R wire (That includes R, Rc, and Rh), connect them as follows:

Wires you have	Wire to Rc Terminal	Wire to Rh Terminal
Rc, Rh	Rc	Rh
Rc, R	Rc	R
Rh, R	R	Rh

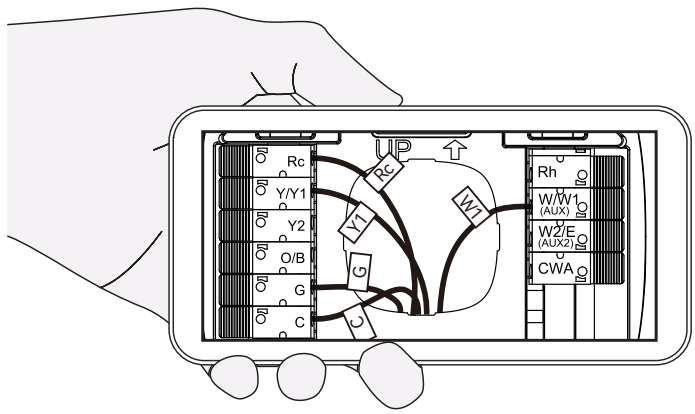
• If you only have one R wire (That includes R, Rc, and Rh), connect it to **Rc** terminal.

• If you have E wire (Emergency Heat)

E wire ⟶ **W2** terminal

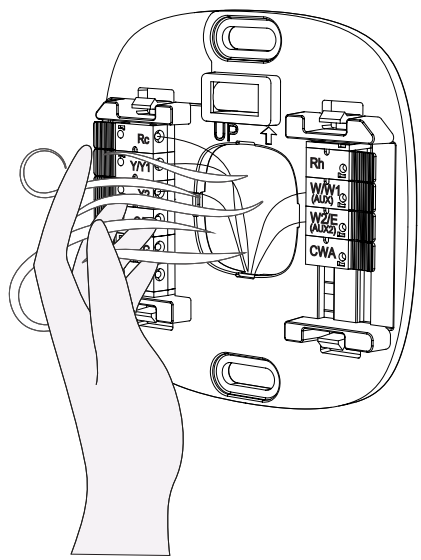
Step 14. Take a photo of your new wiring

It's important to have a photo of your new wiring. You will need it later when setting the thermostat.



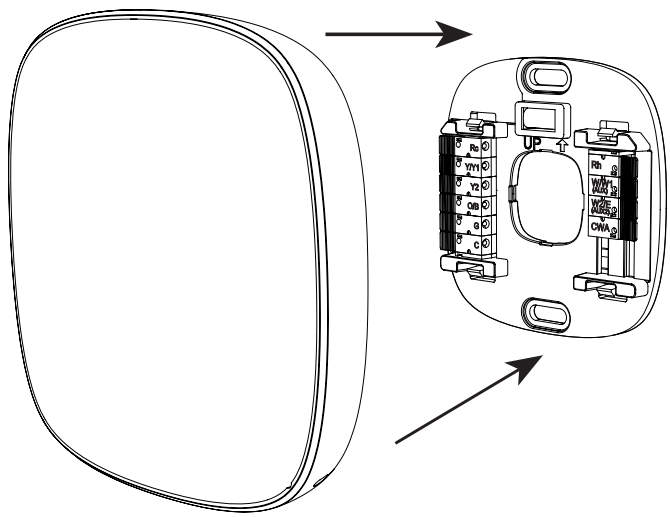
Step 15. Check for air drafts

Air drafts can affect temperature readings. If you feel a draft, seal the hole in the wall.



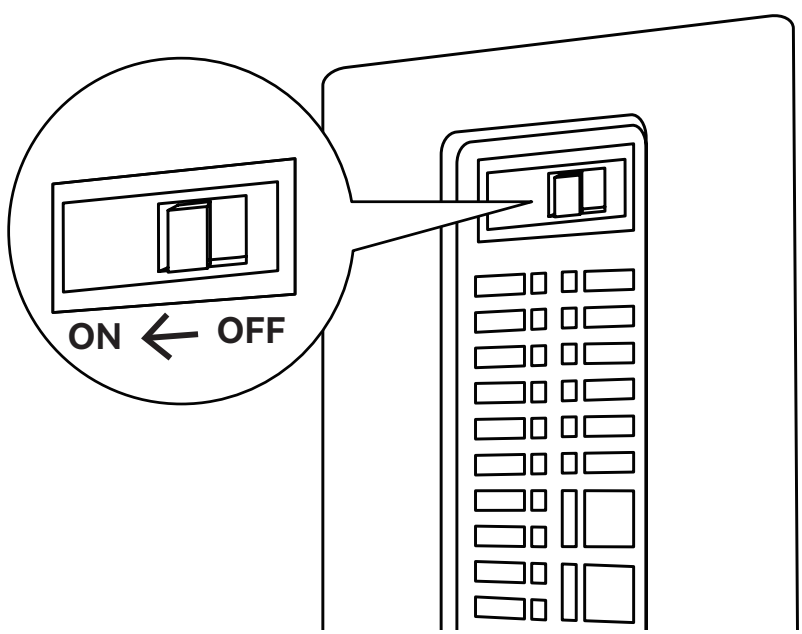
Step 16. Attach the thermostat faceplate

Gently press your Thermostat faceplate onto the backplate until it clicks into place.



Step 17. Power on your system

Back to your power switch to turn your HVAC system's power back on.

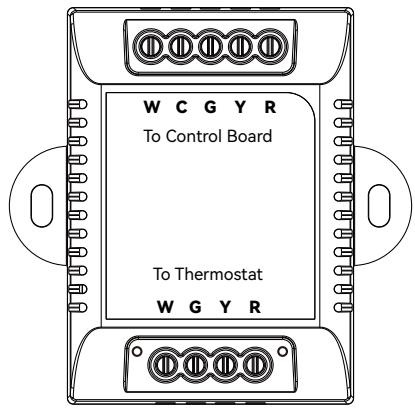


Once powered up, the thermostat's screen will light up and display **'SEt'**. Please go to page 47 to set up the thermostat.

Install the thermostat ***without a C wire (Optional)***

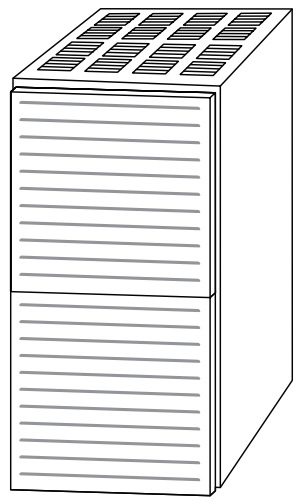
Your wiring requires a C-Wire Adapter

If you don't have it, please contact the seller.



Step 8. Go to your HVAC system

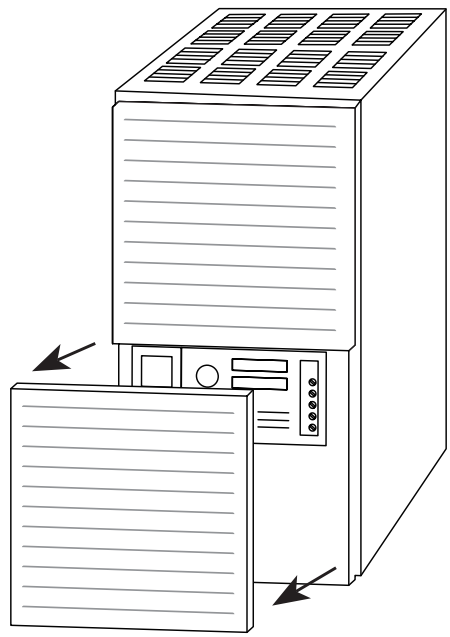
Take your C-Wire Adapter, wire labels, screwdriver, your smartphone, and go to your HVAC system. Most of these are located in basements, attics, or garages.



If your system is controlled by more than one thermostat, it may be a zoned system. Remove the cover from your zone panel instead.

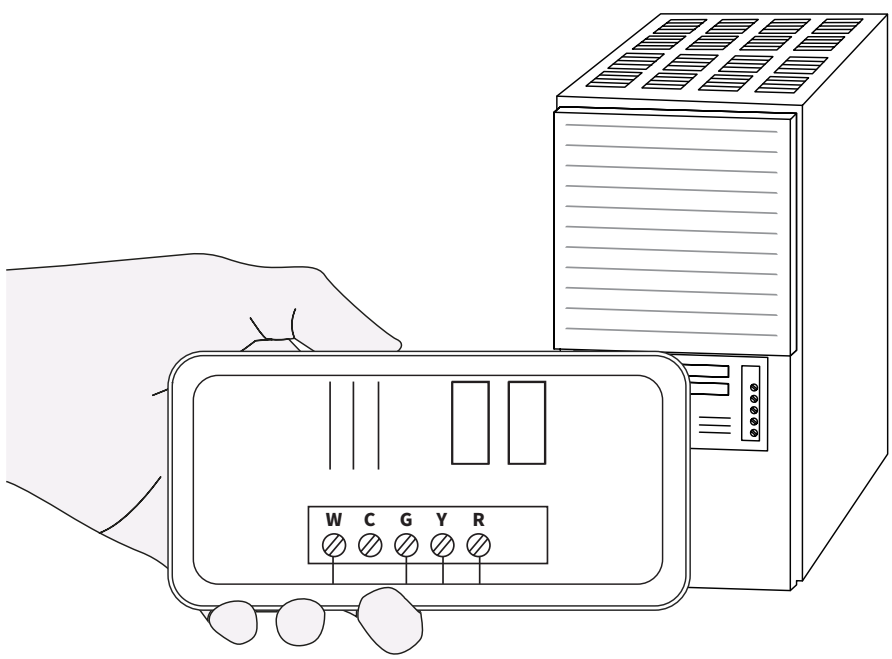
Step 9. Remove the cover

Look for screws or tabs to remove the cover to find the control board. It will have wires with the same terminal labels and colors as your thermostat wiring.



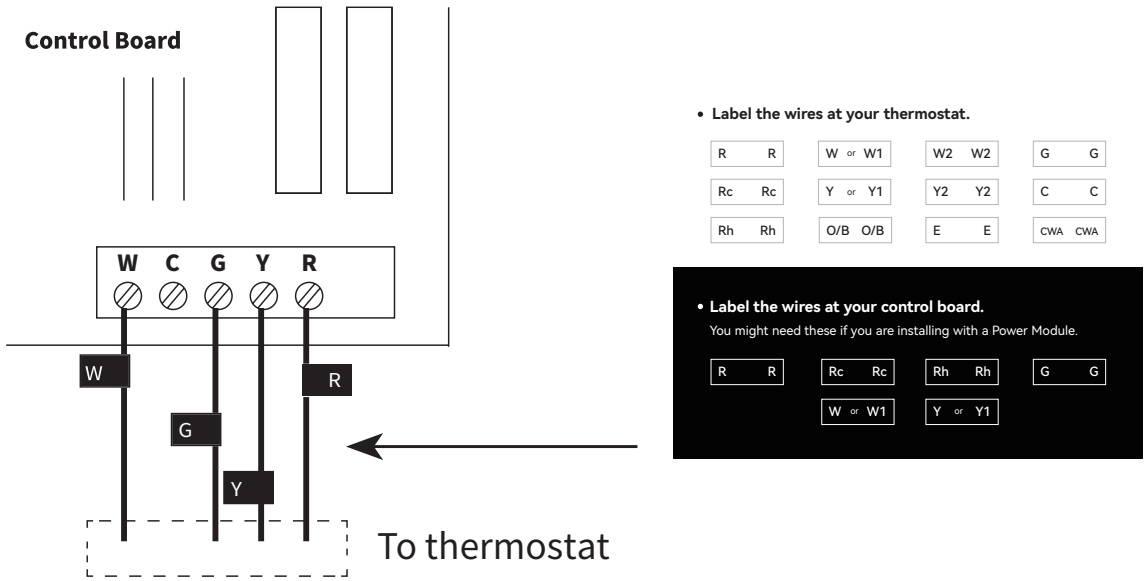
Step 10. Take a photo of your wiring

Take a photo of the wires connected to the terminals of the control board.



Step 11. Label the wires on control board

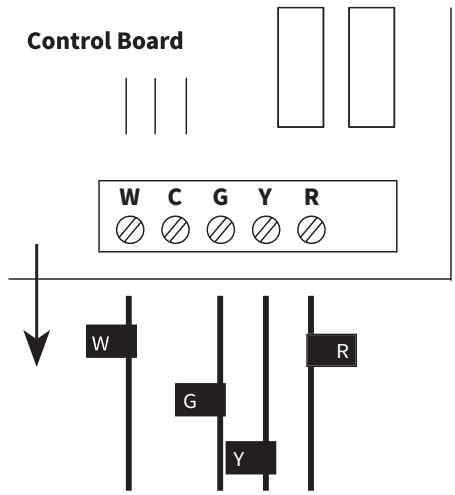
Use the included wire labels **(Black background)** to tag 4 wires going to your thermostat: R (or Rc or Rh), Y/Y1, G, W/W1



Note: If there are more than one wire connected to one terminal, only label the wire coming from the thermostat.

Step 12. Disconnect the wires

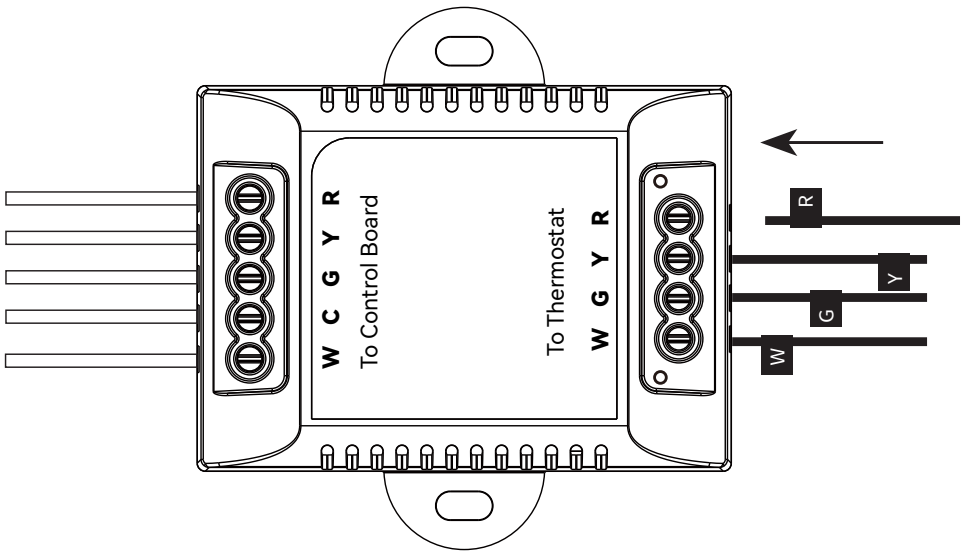
Use the screwdriver to loosen the screws holding the wires you labelled to the control board. Do not disconnect any other wires.



Step 13.

Connect labelled wires to the C-Wire Adapter

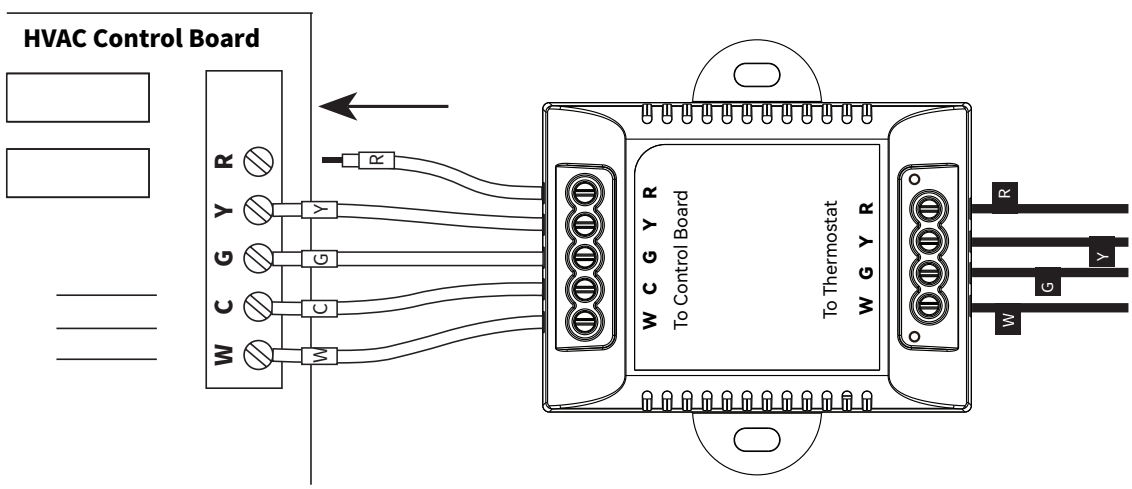
One at a time, connect the wires with matching labels to each terminal on Adapter. Once all wires are connected, gently tug each one to ensure they're secure.



Step 14.

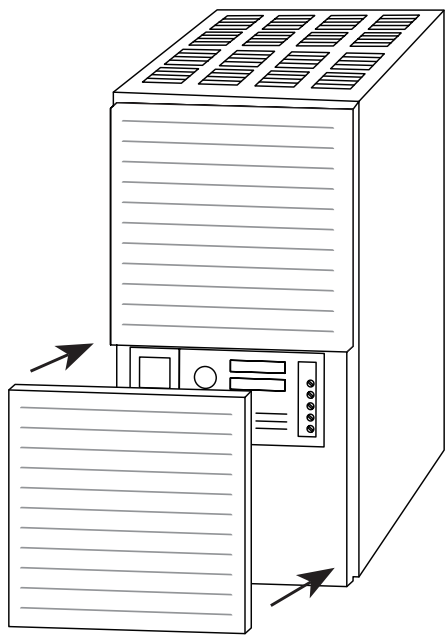
Connect the Adapter to the control board

Connect the 5 white Adapter wires to the corresponding terminal on the control board.



Step 15. Close the cover panel

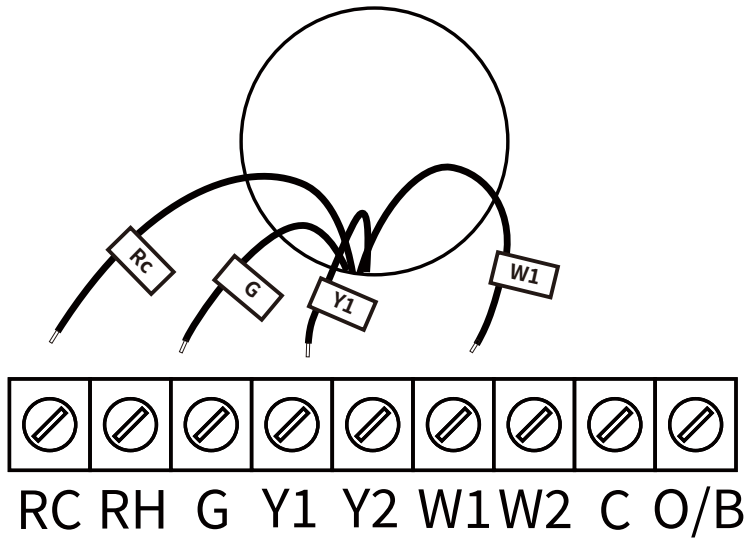
Make sure you close the cover panel securely and return to your thermostat.



Note: Most HVAC systems have a safety switch will not start if the cover panel is not secure.

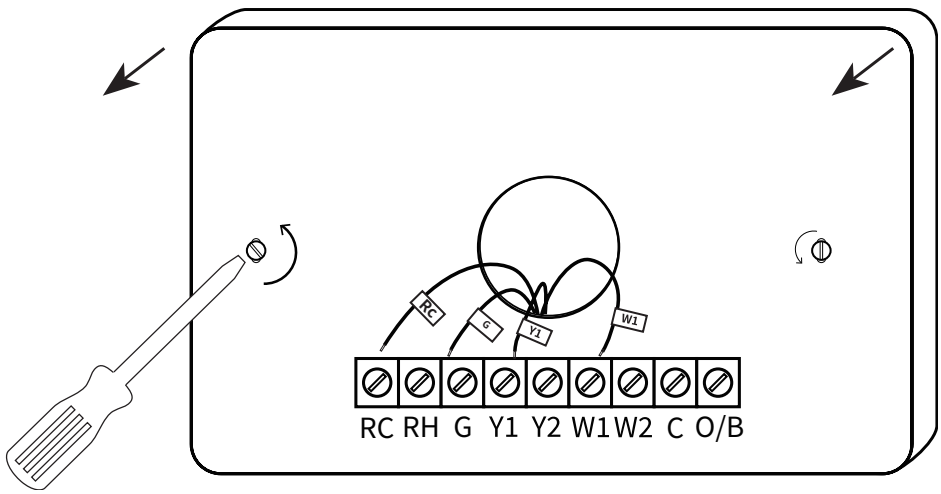
Step 16. Disconnect wires

Loosen each terminal and disconnect the wires from your old thermostat. Don't let your wiring fall back into the wall after you disconnect them.



Step 17. Remove your old wall plate

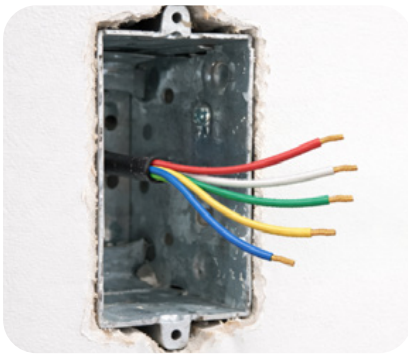
Unscrew the old thermostat from the wall. If your old thermostat has a trim plate, remove it too. You may want to wrap the wires around a pencil so they don't fall back into the wall.



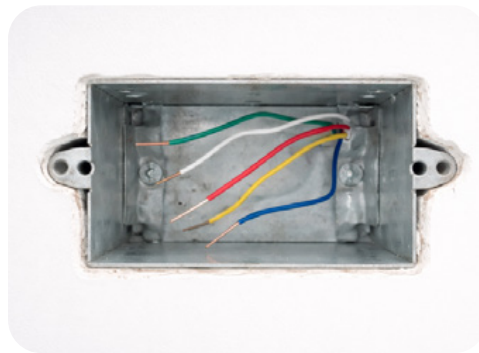
Step 18.

Check if your thermostat is installed on a junction box

Some thermostats are mounted on a recessed metal or plastic box that houses electrical wiring. If you have one, we'll need to add a few quick steps to your installation.



Example1: Vertical Box



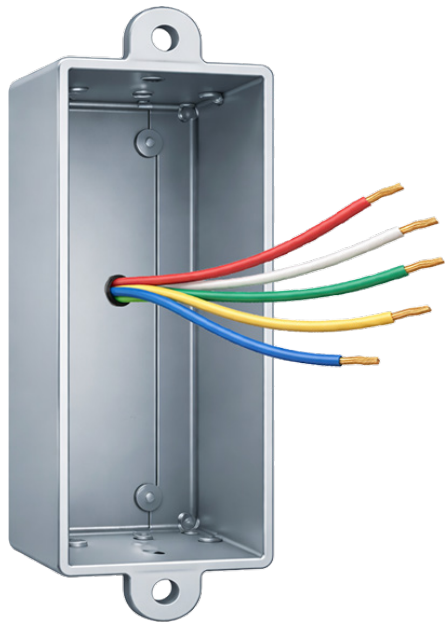
Example2: Horizontal Box

Option A: If you don't have Box -> Go to *Page 38*

Option B: If you have Vertical Box -> Go to *Next Page*

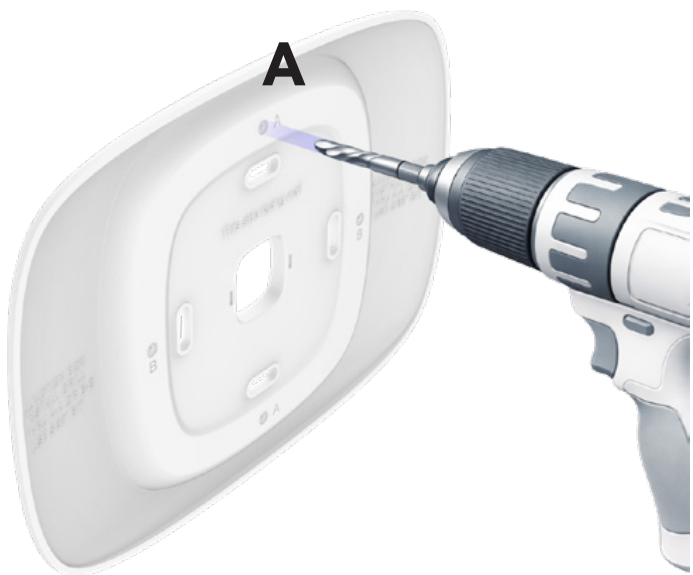
Option C: If you have Horizontal Box -> Go to *Page 35*

The junction box is mounted vertically



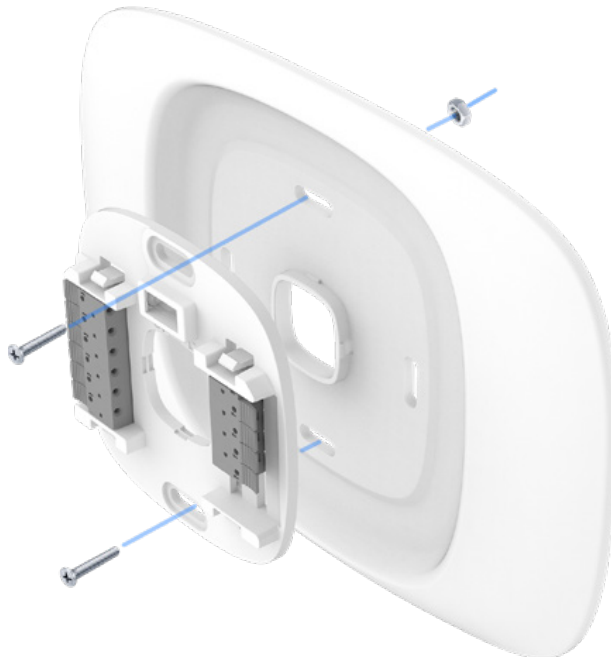
- Drill holes in the trim plate

Turn the plate over to expose the rear guide holes. Using a 5/32" drill bit, drill through the top and bottom holes labeled **"A"**.

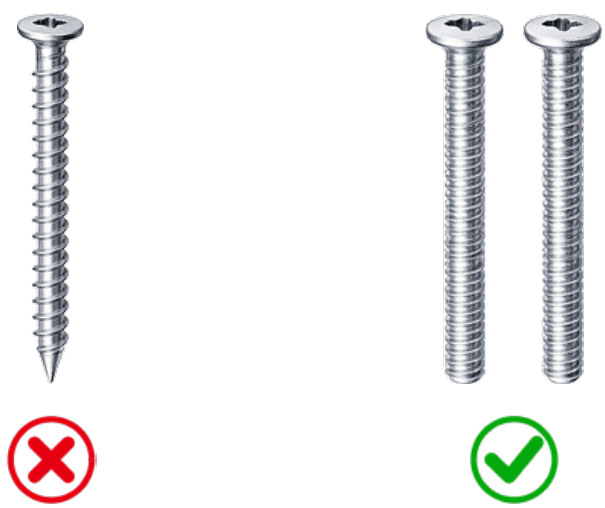


- Secure Backplate to Trim Plate

Stack the backplate onto the trim plate and align the center openings.

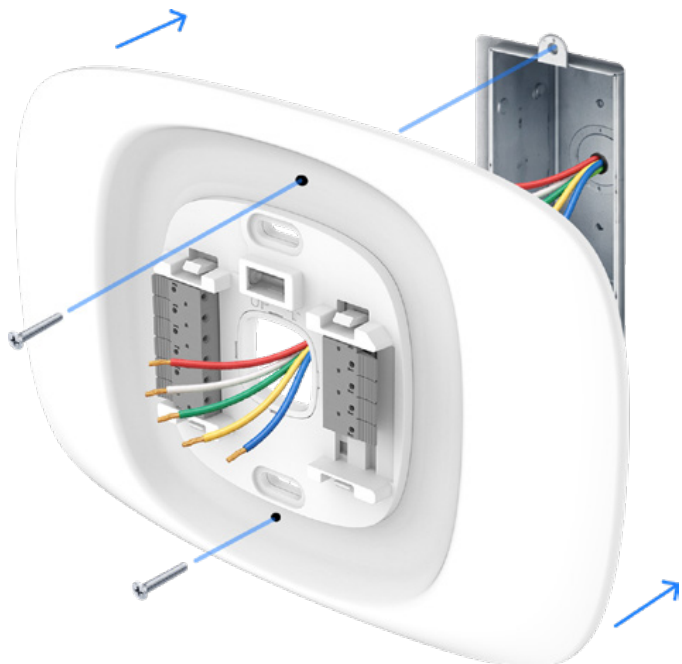


Use the included flat-ended screws (not the pointed wall screws) to join them, and secure with the nuts on the back.

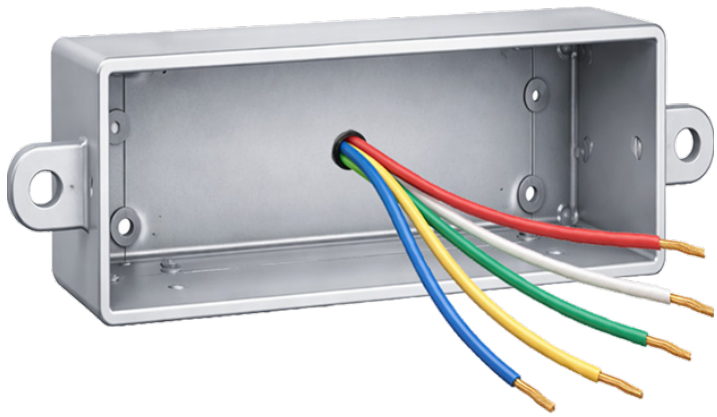


- Attach the trim plate to the junction box

Pull all the wires through the center of the trim plate. Align the plate with your junction box holes and tighten it in place with the last two flat-ended screws. Then, skip to **Page 39.**

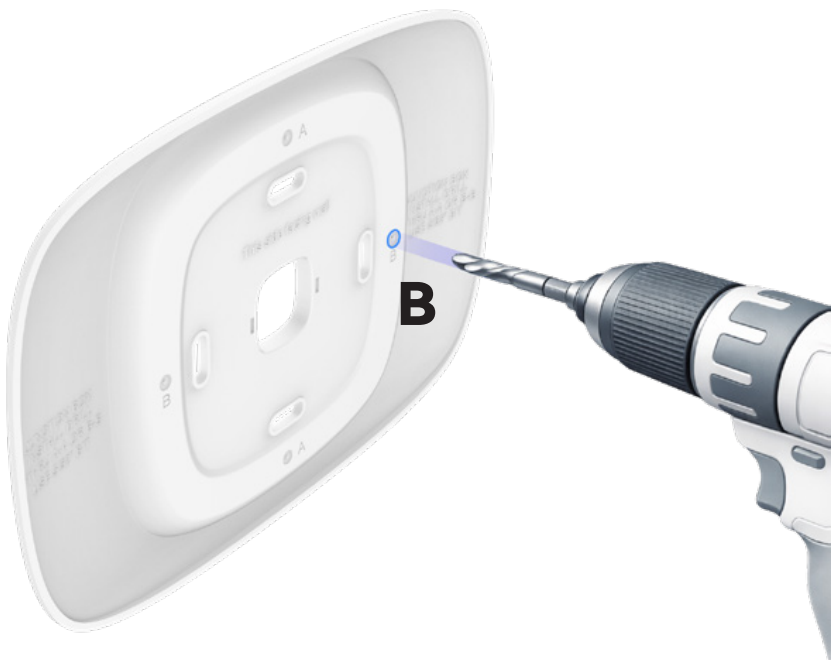


The junction box is mounted horizontally



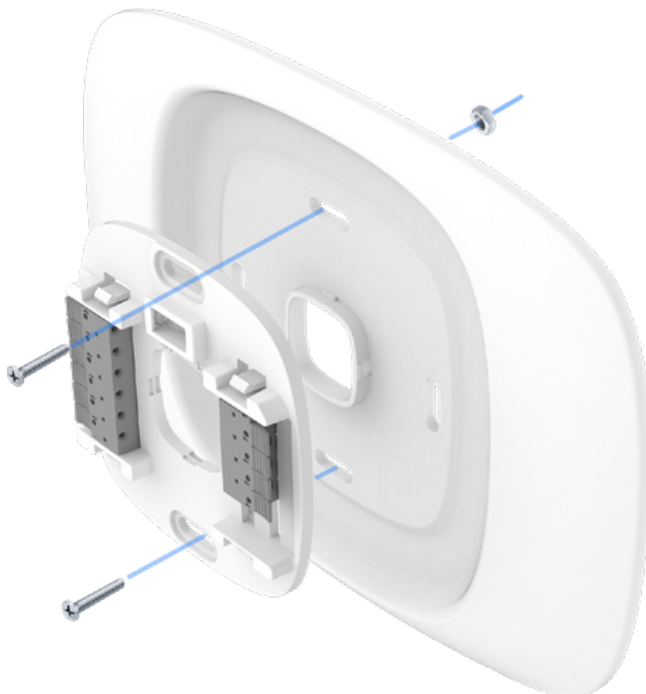
- Drill holes in the trim plate

Turn the plate over to expose the rear guide holes. Using a 5/32" drill bit, drill through the top and bottom holes labeled **"B"**.

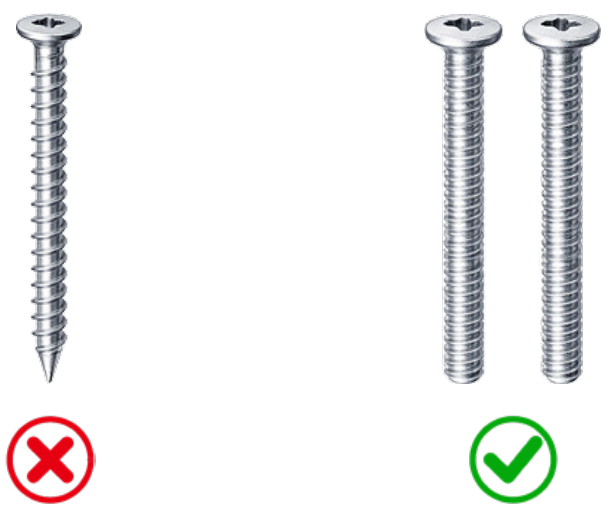


- Secure Backplate to Trim Plate

Stack the backplate onto the trim plate and align the center openings.

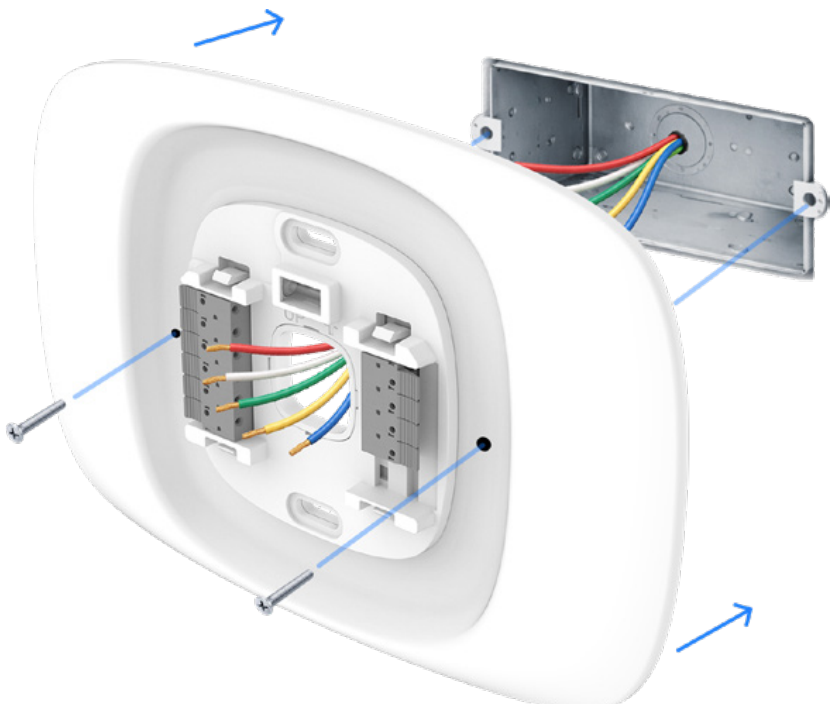


Use the included flat-ended screws (not the pointed wall screws) to join them, and secure with the nuts on the back.



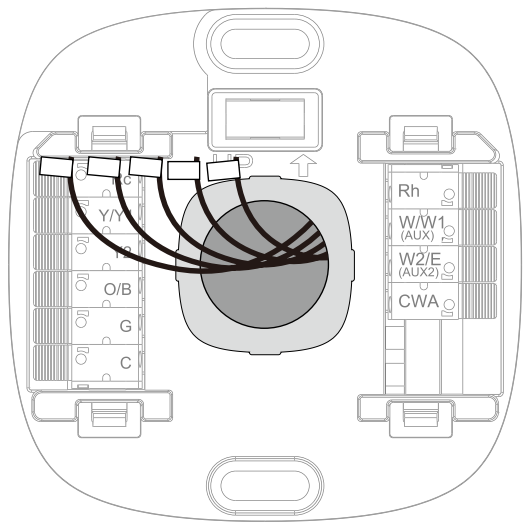
- Attach the trim plate to the junction box

Pull all the wires through the center of the trim plate. Align the plate with your junction box holes and tighten it in place with the last two flat-ended screws. Then, skip to **Page 39.**



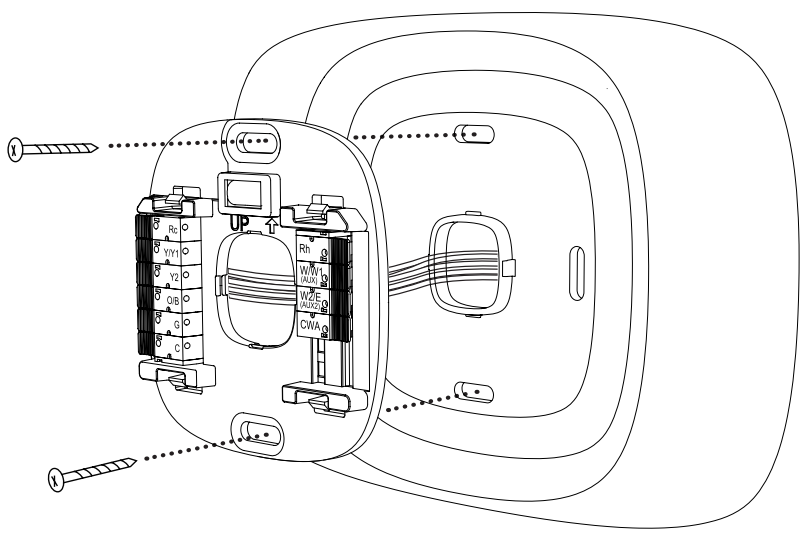
Step 19. Pull the wires through the backplate

Mark where the screws will go. Use the bubble level to make sure the thermostat is straight. If you need to drill new holes in your wall, remove the backplate before doing so.



Step 20. Attach the backplate to the wall

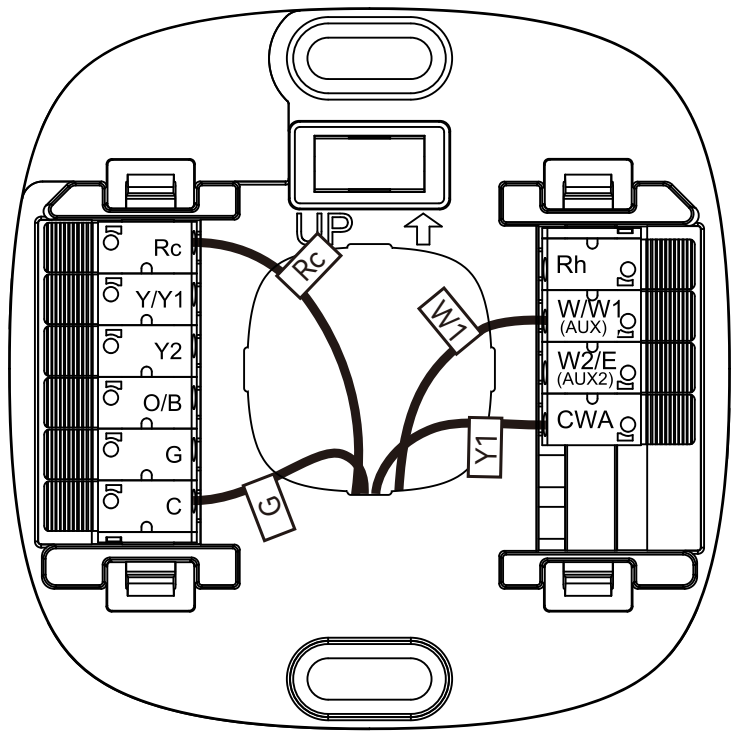
Secure your new thermostat's backplate to the wall by using the included anchors and screw. You can drill a hole for the drywall anchors with 3/16' drill bit.



Optional: use the trim plate to cover screw holes or gaps left over from your old thermostat's installation.

Step 21. Connect the wires

Press the terminal block levers down to insert each labelled wire to the matching slot in your backplate. You can refer to the wiring diagram on page 43



Tug on the wires gently to ensure they are secured. After all the wires are inserted, tuck them neatly back into the wall.

Special wires:

• The C-Wire Adapter provides power to thermostats without a C-Wire by extending power capabilities using existing wires:

G wire ⟶ **C** terminal

Y/Y1 wire ⟶ **CWA** terminal

• If you have more than one R wire (That includes R, Rc, and Rh), connect them as follows:

Wires you have	Wire to Rc Terminal	Wire to Rh Terminal
Rc, Rh	Rc	Rh
Rc, R	Rc	R
Rh, R	R	Rh

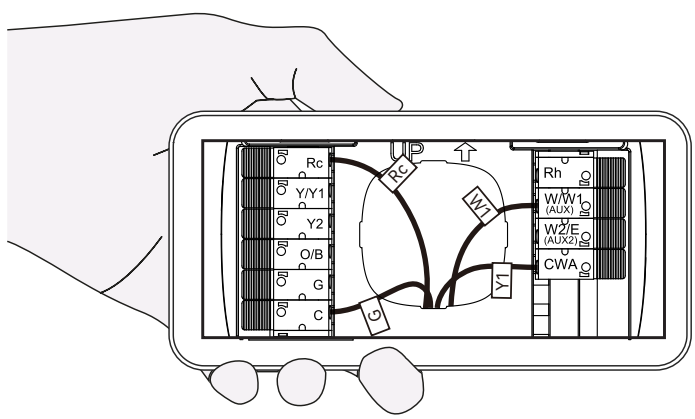
• If you only have one R wire (That includes R, Rc, and Rh), connect it to **Rc** terminal.

• If you have E wire (Emergency Heat), connect them as follows:

E wire ⟶ **W2** terminal

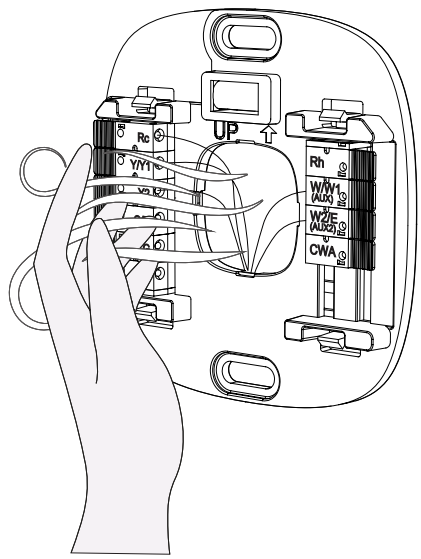
Step 22. Take a photo of your new wiring

It's important to have a photo of your new wiring. You will need it later when setting the thermostat.



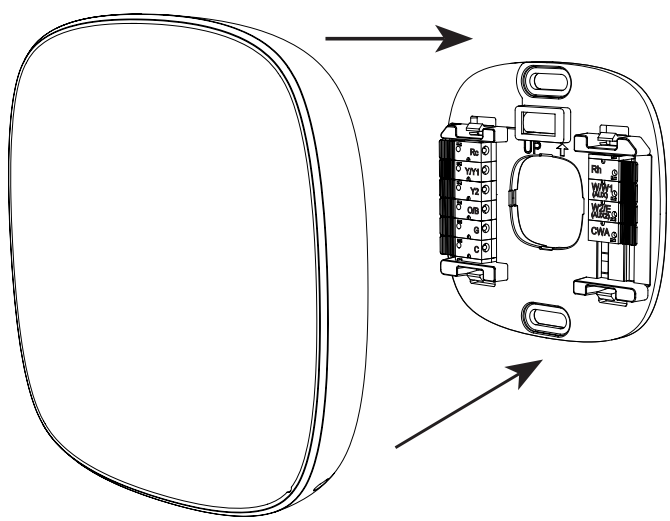
Step 23. Check for air drafts

Air drafts can affect temperature readings. If you feel a draft, seal the hole in the wall.



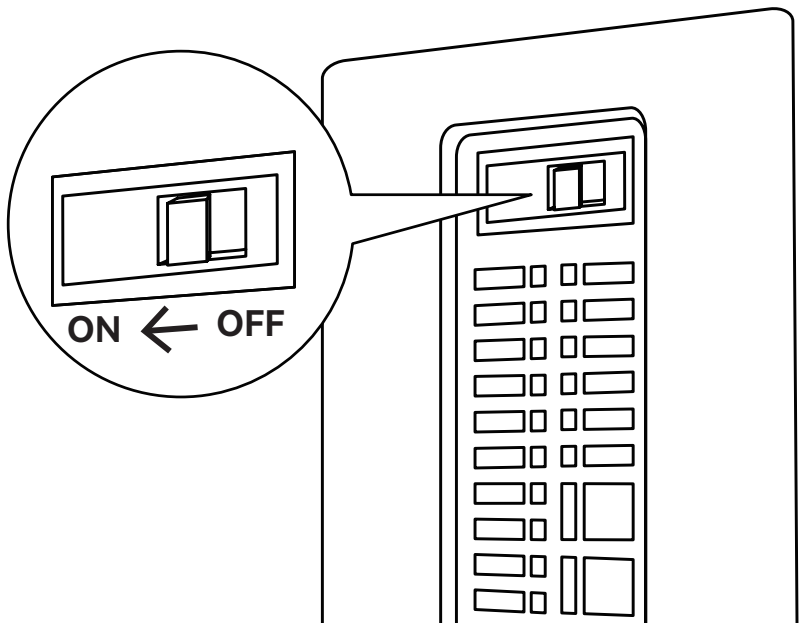
Step 24. Attach the thermostat faceplate

Gently press your Thermostat faceplate onto the backplate until it clicks into place.



Step 25. Power on your system

Back to your power switch to turn your HVAC system's power back on.



Once powered up, the thermostat's screen will light up and display **'SEt'**. Please go to page 47 to set up the thermostat.

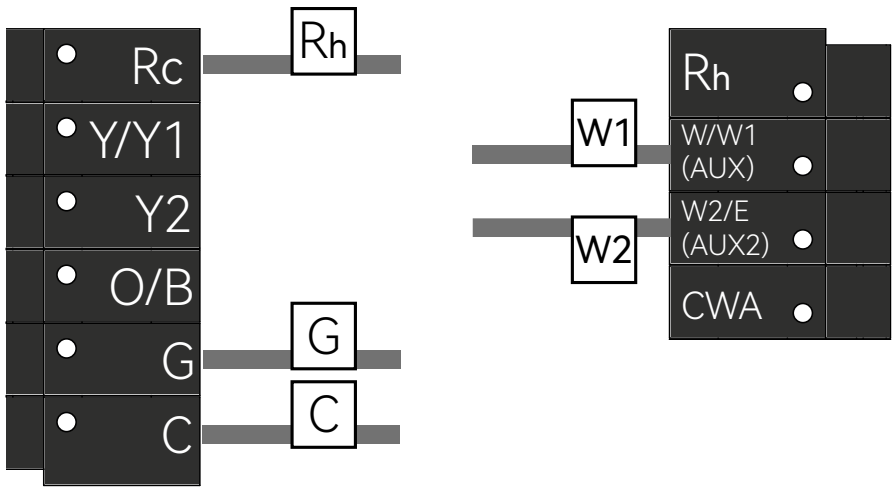
Wiring diagrams

Thermostat Connectors:

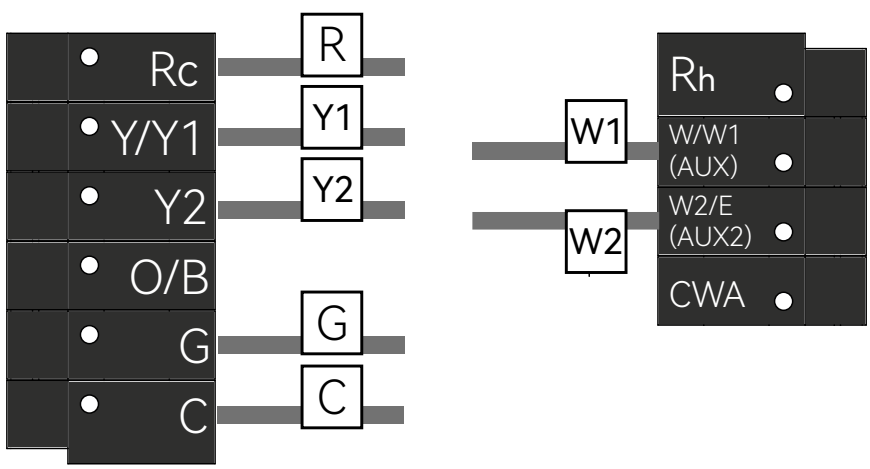
Terminals	What it means
Rc	24VAC power from cooling transformer
Rh	24VAC primary for heating
C	24VAC common
W/W1 (AUX)	1st stage Primary heating relay in conventional system / Auxiliary or Alternative 1st stage heat in heat pump system
W2/E (AUX2)	2nd stage Secondary heating relay in conventional system / Auxiliary or Alternative 2nd stage heat in heat pump system / Emergency heat
Y/Y1	1st stage Primary compressor contactor
Y2	2nd stage Secondary compressor contactor
G	Fan relay
O/B	Changeover valve for heat pumps
CWA	Optional C-Wire Adapter terminal, combine signals from the Y (cooling) and G (fan) wires into a single wire

Below are the wiring diagrams for common HVAC equipment.

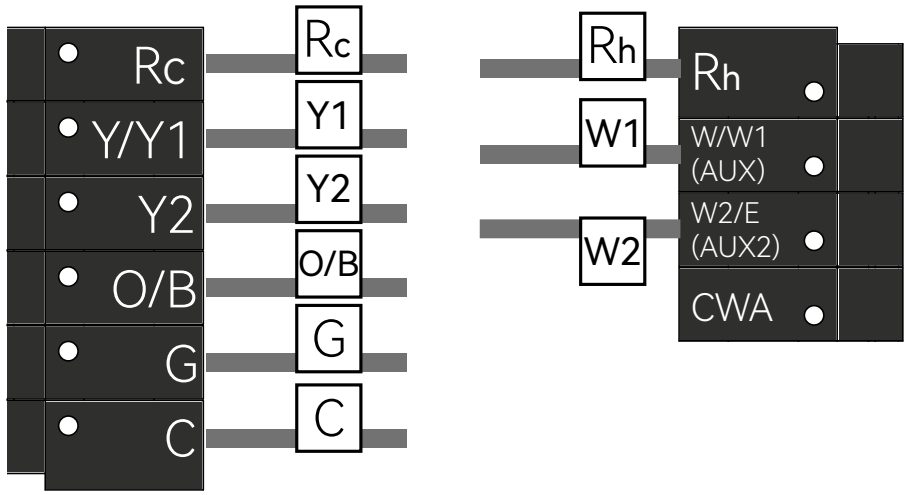
Conventional 2 Stage Heating



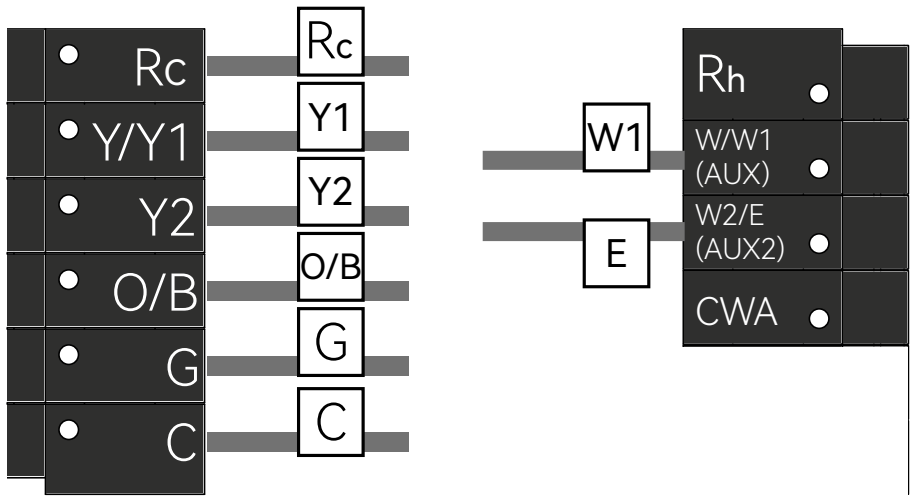
Conventional 2 Stage Heating, 2 Stage Cooling



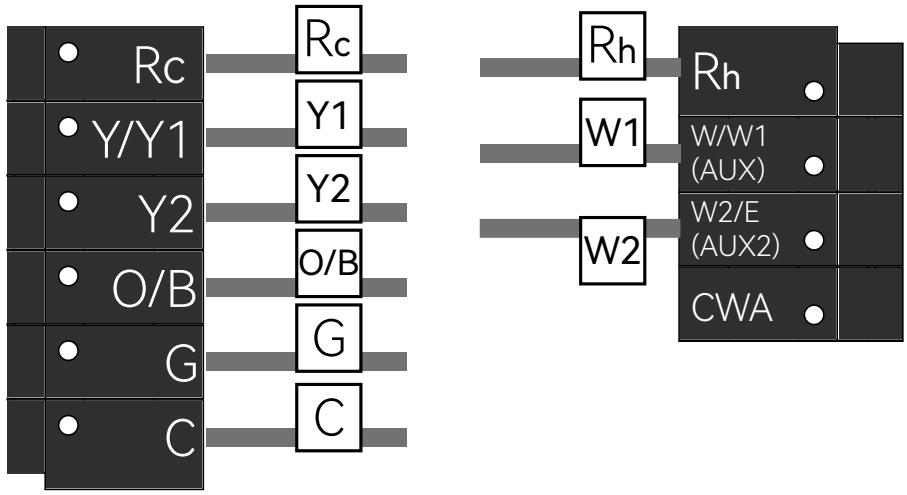
2 Stage Heat Pump with 2 Stage Aux Heat



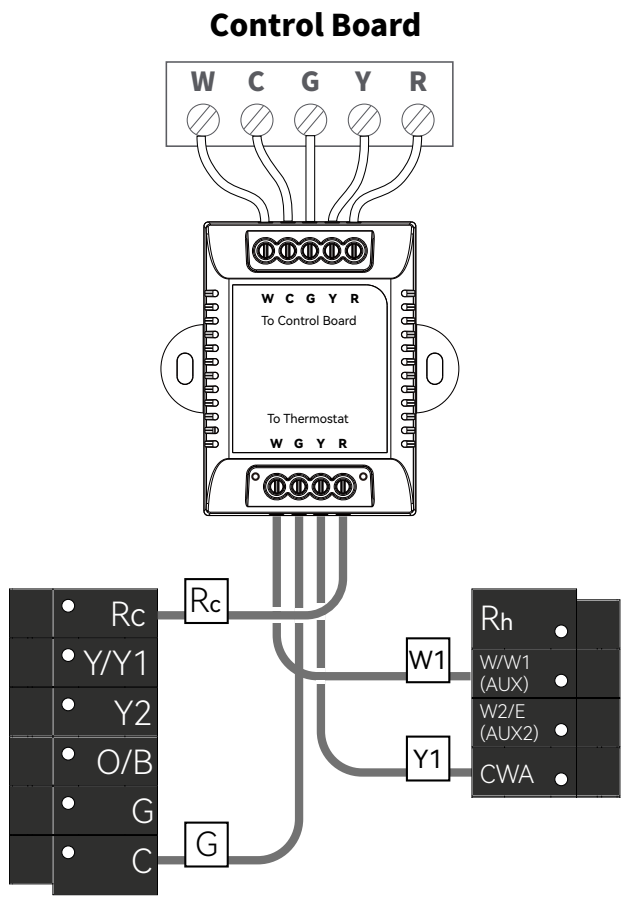
2 Stage Heat Pump with Aux Heat and Emergency Heat



Dual Fuel - 2 Stage Heat pump, 2 Stage Heat



C-Wire Adapter wiring



System Setup

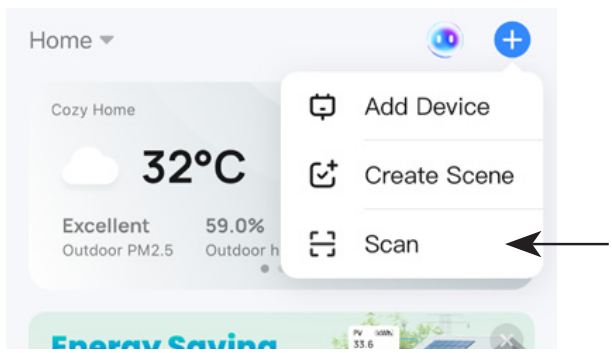
You need to set up the thermostat system. You can do this using the APP (Recommended), or you can set it up locally on the thermostat. If you prefer to set it up locally on the thermostat, please refer to page 49 for instructions.

1. Download the **Smart Life** app on App Store or Google Play.

Download on the App Store

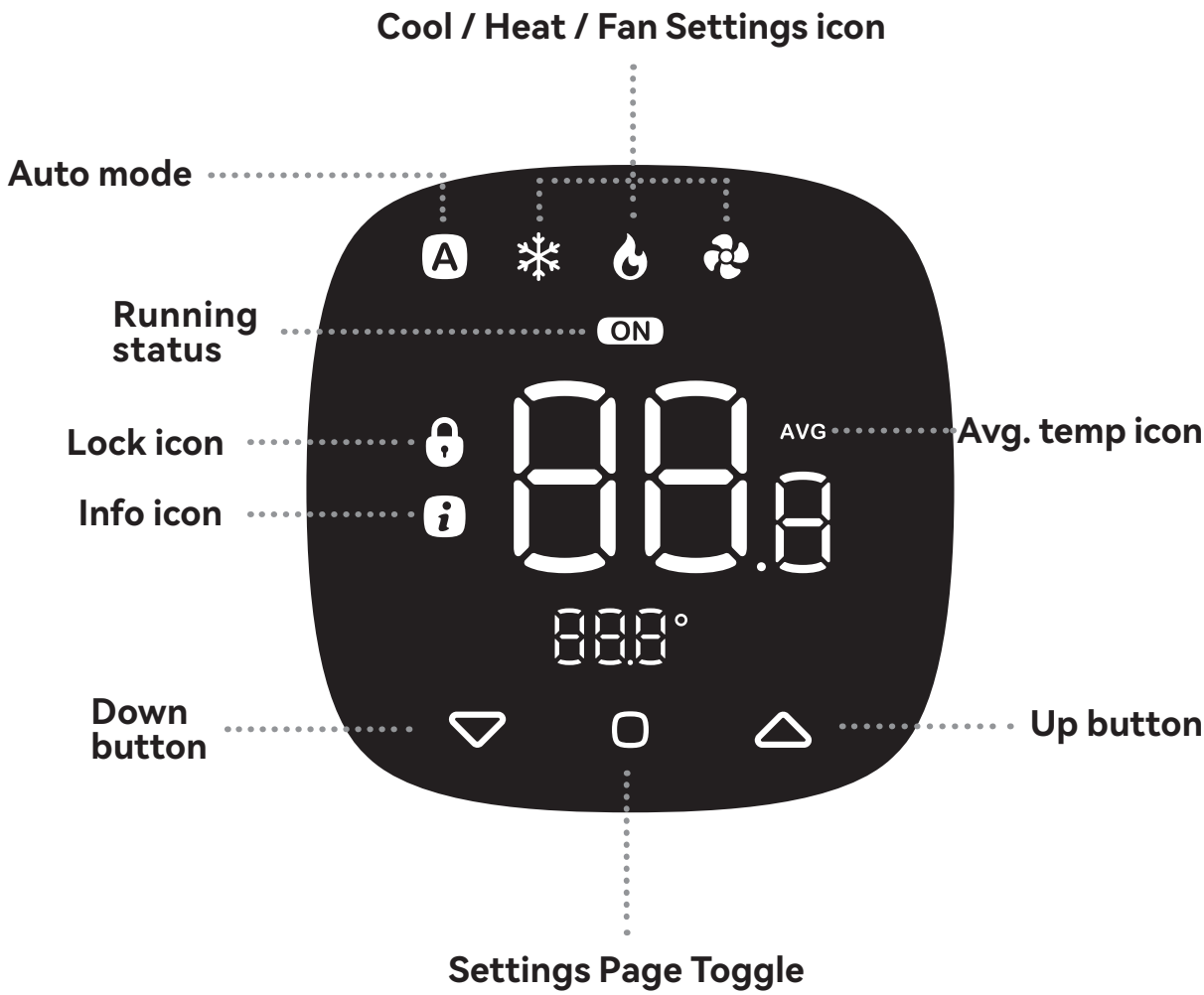
ANDROID APP ON Google play

2. Open **Smart Life** app to create an App account, then click the 'Scan' button in the upper right corner of the App Home page.



3. Scan the following QR code to configure the network.

Using your thermostat



Further description

- **Lock icon**

Appears when using the App to disable specific functions

- **Running status**

Display ON only for the active setting (cooling, heating, or fan) on its respective settings page

- **Avg. temp icon**

Displayed when more than one sensor is involved in the temperature calculation

- **Info icon**

The status gives the following information:

Status	What it means
Green LED blinking	Wait for Wi-Fi pairing
Red LED solid on	Device is connected to the router, but failed to connect to the cloud.
Red LED blinking	Wi-Fi has been configured, but failed to connect to the router.
Orange LED solid on	Using Aux. heat or Emergency Heat
Orange LED blinking	System delay to prevent wear.

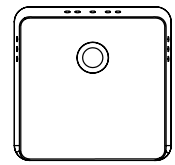
- **Settings Page Toggle (Center button)**

This button can do the following:
1. Tap once to switch between settings pages (Cool/Heat/Fan Settings)
2. ***Change the HVAC mode:*** Press and hold it for 3 seconds
3. ***Clear Wi-Fi:*** Press and hold it. After 10 seconds, a countdown will start. Continue to hold the button until the countdown reaches 0.

- **Factory Reset**

Press and hold the Up and Down buttons for 10 seconds until the screen displays ‘RST’. Hold the Center button until the countdown finishes.

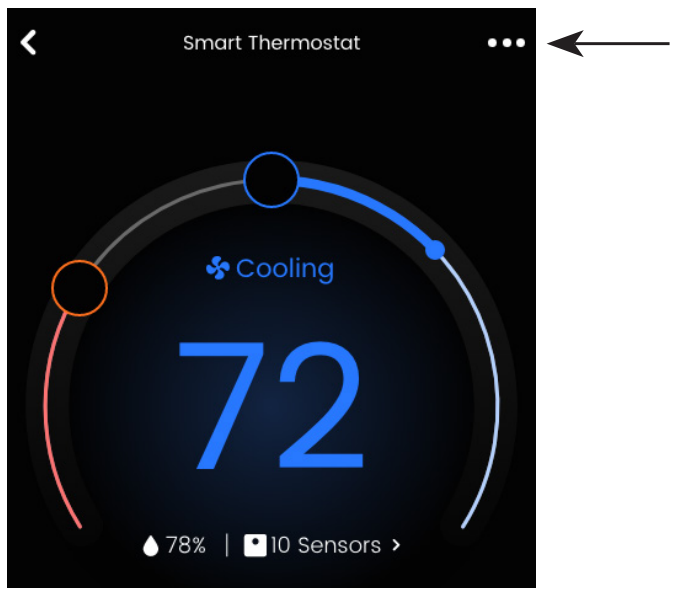
Adding your Sensor
(Optional)



1. Open the **Smart Life** app and go to Settings.
2. Find the **Sensor** option and tap on it.
3. Tap the **+** icon in the top right corner.
4. Follow the on-screen instructions to add the sensor.

Link Alexa and Google Assistant

1. Open the **Smart Life** and tap the three dots in the top right corner of the home screen.



2. Tap the **Third-party Control** option.
3. Follow the steps to link Alexa and Google.

Setup locally on thermostat

When the display shows '**Set**', hold the center button and the up button simultaneously for 3 seconds to enter the manual setup page.

SETUP ITEMS REFERENCE

Display	Items	Options	
GS	Is there any wiring connected to the G or S terminals?	1	Connected
		0	Not Connected
OE	Outdoor Equipment Configuration Cooling or heat pumps	AC1	Conventional Cooling 1 (Single Stage)
		AC2	Conventional Cooling 2 (Two-Stage)
		HP1	Heat Pump 1 (Single Stage)
		HP2	Heat Pump 2 (Two-Stage)
		- -	No Cooling
HP	Heat Pump type	AtA	Air to air
		GEO	Geothermal
ob	O/B Setting	o	On cool
		b	On heat
IE	Indoor Equipment Configuration For Gas or Electric Heat	Fn1	Furnace1 (Conventional or Alternative Single Stage)
		Fn2	Furnace2 (Conventional or Alternative Two-Stage)
		bo1	boiler1 (Conventional or Alternative Single Stage)
		bo2	boiler2 (Conventional or Alternative Two-Stage)
		AU1	Aux1 (Electric Auxiliary Single Stage)
		AU2	Aux2 (Electric Auxiliary Two-Stage)
		- -	No Indoor Equipment

EH	Emergency Heat	1	Enable
		0	Disable
HS	Heat Source	1	Natural Gas (For Furnace)
		2	Electric (For Furnace)
		3	Oil (For Furnace)
		4	Hot Water Fan Coil (For Furnace)
		5	Hot Water (For Boiler)
		6	Steam (For Boiler)
HF	Heat Fan Activation	1	Activate
		0	Don't activate
nu	number of R wires (R/ Rc/Rh) connected to your thermostat	1	One R wire (R/Rc/Rh)
		2	Two R wires (R/Rc/Rh)
FC	F/C Setting	F	
		C	
HS1	Min Heating Setpoint		
HS2	Max Heating Setpoint		
CS1	Min Cooling setpoint		
CS2	Max Cooling setpoint		
SC	Schedule Options	1	Enable
		0	Disable

FCC WARNING

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, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment 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 equipment 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 notoccur in a particular installation. If this equipment 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.

To maintain compliance with FCC’s RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.