Welcome
Getting set up and ready is simple. Read before installing.

1 Install your thermostat
2 Connect your home Wi-Fi network.
3 Register online for remote access.

Before you begin
- View the installation video at wifithermostat.com/support
- You will need your camera to take a picture of your old wiring connections.

1.1 Switch OFF power to your heating/cooling system
1.1a Confirm power is OFF. Try to turn on heating/cooling equipment by
powering up the wall after all wires are
firmly secured.

1.1b Confirm power is OFF. Try to turn on heating/cooling equipment by
changing temperature
cooling system by
Try to turn on heating/cooling system at the
power to your heating/cooling system, switch OFF the

1.2 Remove old thermostat faceplate and leave wires connected
1.2a Take a picture of the wire connections for later reference.

1.2b If no wire is connected to a terminal labeled C or no C terminal exists on the old thermostat, view the Alternate Wiring videos at wifithermostat.com/videos

Important! C wire is required and is the power source for your thermostat. Without a C wire, your thermostat will not power up. See the C Wire Addendum document for more information.

1.3 Label wires
Do NOT label by wire color. Use the supplied sticky tags to label each wire as you disconnect it. Label wires according to old thermostat terminal designations, not by wire color.

Note: If no tag matches a terminal designation, write the appropriate letter on a blank sticky tag.

Note: Wrap the wires around a pencil to prevent them from falling back into the wall.

1.4 Remove wallplate
Remove the old wallplate from the wall after all wires are labeled and disconnected.

1.5 Mount wallplate for thermostat
Mount your new wallplate using screws and anchors included with the thermostat.

If necessary:
• Drill 1/4-in holes for drywall
• Drill 1/2-in holes for plaster

Note: You may be able to use your existing wall anchors. Hold the wallplate up to the existing anchors to check for alignment.

1.6 Connect wires

Important! C wire is required and is the power source. Without a C wire, your thermostat will not power up. See the C Wire Addendum document for more information.

1.6a Starting with the C Wire, match the sticky tag on the wire to the terminal label.

1.6b Straighten wire and gently slide into terminal hole until it clicks into place. (If you need to remove a wire, use a pen tip to press the terminal release and then pull the wire out.)

Note: Refer to the wiring picture you took in Step 1.2.

Tip: To make it easier to slide the wire into place, use a pen tip to hold down the terminal release.

1.6c In the image on the right, check the box next to each connection. You will use this checklist in Step 1.9.

1.6d Verify that the wire is firmly secured by gently pulling on wire.

1.6e Repeat steps a-d for all other wires.

1.6f Push any excess wire back into the wall opening after all wires are installed.

Note: The L terminal on the lower right is used only for Heat Pump systems.

Note: If the old thermostat for Heat Pump System has separate wires on Aux and E, use a wire nut to attach both wires to a separate wire. Slide this third wire into the W2-Aux/E terminal.

1.7 Attach thermostat to wallplate
Align the thermostat with wallplate and snap into place.

1.8 Switch heating/cooling system ON

Important!
1.8a Verify that the C wire is connected at the thermostat and at the heating/cooling system.

1.8b Make sure the heating/cooling system door is firmly secured.

1.8c Switch power back ON for your heating/cooling system at the breaker box or its power switch.

1.9 Finalize wiring

Important!
Check the box for each wire you connect. You will need this information in Step 1.9.

Note:
The wiring for your application might be different than the wiring shown below.

Tip: Use the supplied sticky tags to label the wires.

Labels don’t match or have heat pump system? See User Guide.

Technical Specifications

<table>
<thead>
<tr>
<th>Terminal</th>
<th>Voltage (50/60Hz)</th>
<th>Max. Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>20-30 Vac</td>
<td>5.0 A</td>
</tr>
<tr>
<td>G</td>
<td>20-30 Vac</td>
<td>1.0 A</td>
</tr>
<tr>
<td>Y</td>
<td>20-30 Vac</td>
<td>1.0 A</td>
</tr>
<tr>
<td>K</td>
<td>20-30 Vac</td>
<td>1.0 A</td>
</tr>
<tr>
<td>L</td>
<td>20-30 Vac</td>
<td>0.5 A</td>
</tr>
</tbody>
</table>

Note: for proper disposal instructions.

To protect your
Important!
Search for local rebates:
HoneywellHome.com/Rebates

Register online for remote access.
Connect your home Wi-Fi network.
Install your thermostat.
See the
User Guide

Note: Wiring for your application might be different than the wiring shown below.

Note: In the image on the right, check the box next to each connection. You will use this checklist in Step 1.9.

Important! Check the box for each wire you connect. You will need this information in Step 1.9.

Tip: Use the supplied sticky tags to label the wires.

Labels don’t match or have

Note:
The wiring for your application might be different than the wiring shown below.

Tip: Use the supplied sticky tags to label the wires.

Labels don’t match or have heat pump system? See User Guide.
2.1 Connect the Wi-Fi network

After touching Done on the final screen of the initial setup (Step 1.9), the thermostat displays an option to connect to your Wi-Fi network.

2.1a Touch Yes to connect the thermostat to your Wi-Fi network. The screen displays the message “Searching for wireless networks. Please wait...” after which it displays a list of all Wi-Fi networks it can find.

Note: If you cannot complete this step now, touch Later. The thermostat will display the home screen. Complete this process by selecting Menu > Wi-Fi Setup. Continue with Step 2.1b.

2.1b Touch the name of the network you want to use. The thermostat displays a password page.

2.1c Using the keyboard, touch the characters that spell out your home network password. The thermostat displays a password page.

2.1d Touch the name of the network you want to use. The thermostat displays an option to connect to your Wi-Fi network.

2.1e Touch the language you want to use. Follow prompts on the screen to select appropriate options.

1.9 Select setup

Before connecting to your Wi-Fi network, you need to set initial thermostat options to define your heating/cooling system:

- Language
- Home or business

Follow prompts on the screen to select appropriate options.

1.9a Touch Yes.

1.9b Select Home or Business application, then touch Next.

1.9c Touch Next to name the thermostat location—touch THERMOSTAT and follow the rest of the instructions.

1.9d Touch Done. The thermostat will display the home screen. Complete this process by selecting Menu > Wi-Fi Setup. Continue with Step 2.1b.

1.9e Touch the thermostat to display, then touch Next.

1.9f Touch Next after making selections on each screen.

1.9g Touch Done on the last screen. The thermostat displays an option to connect to your Wi-Fi network.

1.9h Touch the thermostat to display the registration information screen.

Note:

If your home network is not shown on the list, touch Reset.

2.1a Touch Yes to connect the thermostat to your Wi-Fi network.

Note: If you cannot complete this step now, touch Later. The thermostat will display the home screen. Complete this process by selecting Menu > Wi-Fi Setup. Continue with Step 2.1b.

Getting Help

If you get stuck:

At any point in the Wi-Fi connection process, restart the thermostat by removing the thermostat from the wall plate, wait for 5 seconds, and snap it back into place. From the home screen, touch Settings > Wi-Fi Setup > Chose a Network. Continue with Step 2.1b.

Need more help?

Find additional information in the User Guide.