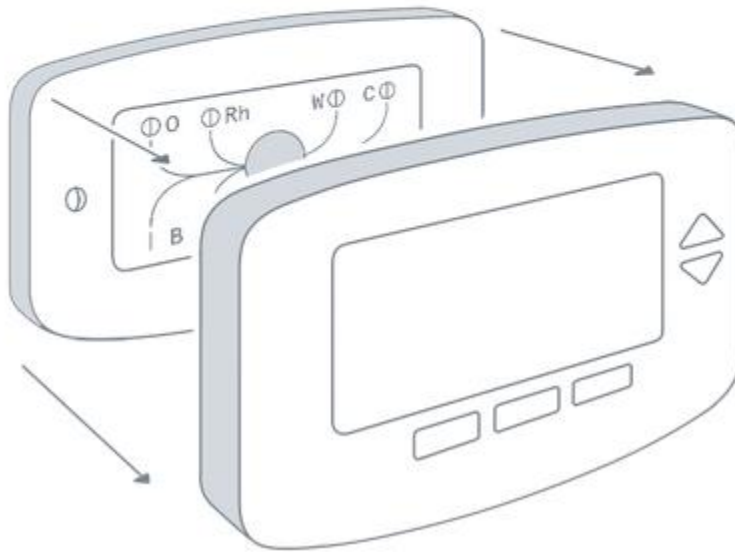


# **COMPATIBILITY CHECKER**

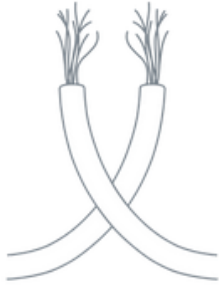
## First things first.

Power off your system and remove the cover from your current thermostat.  
Some covers just pop off. Others need to be unscrewed.

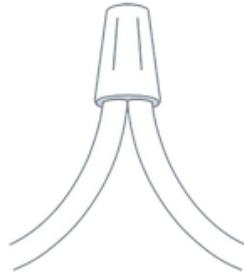


## Take a look at your thermostat.

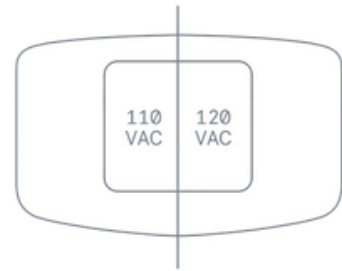
Nest isn't compatible with your system if any of these things are true.



Your thermostat has stranded wires.



Your thermostat has thick, stranded wires connected by wire nuts.



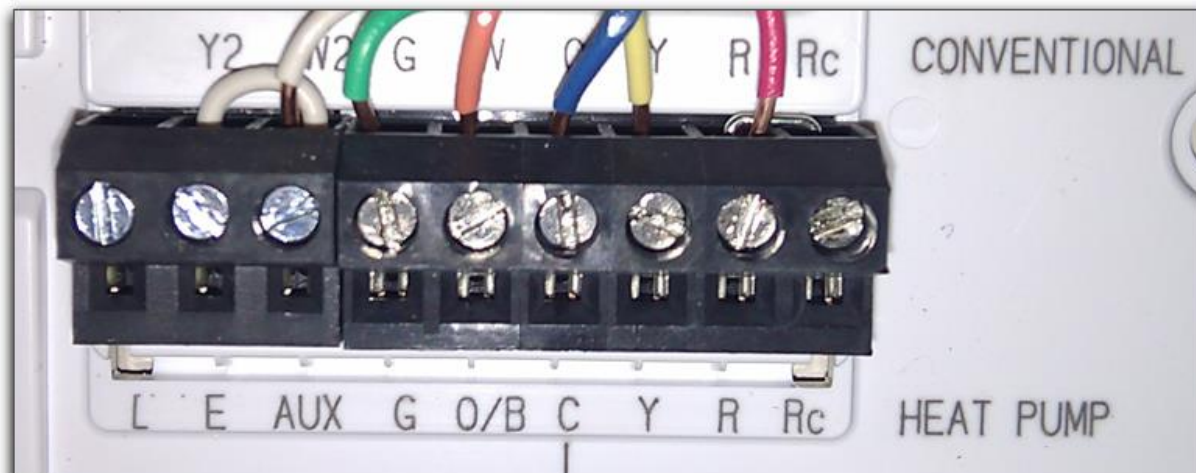
Your thermostat is labeled 110V or 120V.

## My old thermostat has two labels for each connector

Affected products: 3rd gen Nest Learning Thermostat, 2nd gen Nest Learning Thermostat, 1st gen Nest Learning Thermostat

Some thermostat wire connectors have two sets of labels: one for conventional systems, one for systems with a heat pump. You'll need to know which set of labels to use when you enter your thermostat's wires into the Compatibility Checker. Here's how to tell.

Many thermostats work with both conventional systems (like furnaces, boilers, and AC) and heat pump systems (condenser units that both heat and cool). These two systems use a slightly different set of wires, so to accommodate both systems some thermostats have two rows of wire label or have two labels listed side by side.

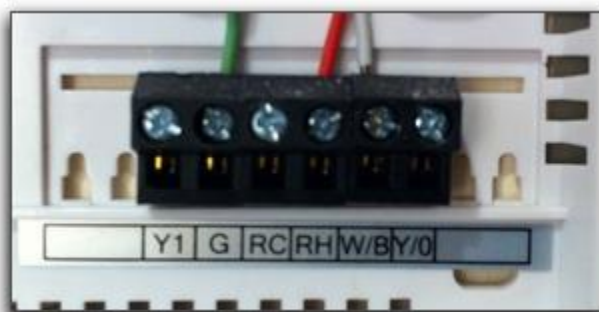


On this thermostat, the labels for conventional systems are on the inside of the connectors and the labels for heat pump systems are on the outside of the connectors.

If you know what kind of system you have, use the labels for that system.

If you're unsure, the color of the wires can be a clue. For example, in the photo above, the connector labeled O/B for heat pumps is also labeled W for conventional systems.

The color of the wire that has been inserted into the O/B and/or W connector in the photo above is orange. Therefore, you might guess that this system is a heat pump. However, the colors of the wires don't always correspond to their labels, so it's best to consult the user guide for your thermostat to be sure.



If the same connector label lists a second letter in addition to O or B then that connector can be used for heat pump or conventional systems. In the example below the connector labeled W/B is actually a W wire, not a B wire in this case, because the heating system is a conventional heating system not a heat pump. The white color of the wire is another clue.