



## nest Learning Thermostat Installation Guide

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### WE TAKE YOUR PRIVACY SERIOUSLY

We're committed to being open and honest about how we use data. We'll always ask for permission before sharing personally identifiable information like your email address, and we work hard to keep your data safe. To learn more about our Privacy Policy,

### Compatibility

Based on Nest's online compatibility checker data, the Nest Thermostat works with most 24V systems, including gas, electric, oil, forced air, variable speed, heat pump and radiant. It can control: · Heating: one, two and three

stages (W1, W2, W3) · Cooling: one and two stages (Y1, Y2) · Heat pump: with auxiliary and emergency heat (O/B, AUX, E) · Fan (G, G2, G3) · Power (C, RH, RC) · Humidifier or dehumidifier (HUM, DEHUM)

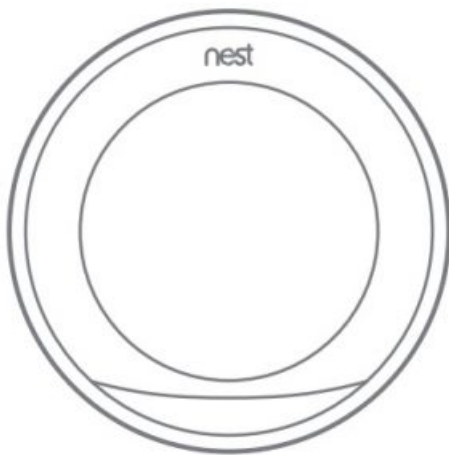
The Nest Thermostat's \* connector can accept only one of these wires: W3, E, HUM or DEHUM.

The Nest Thermostat is designed to work even if your home doesn't have a common (C) wire. Rarely, installing a new C wire may be required.

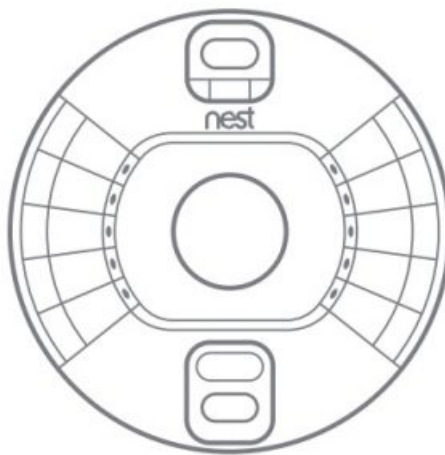
Professional installation recommended for:

- Dual fuel systems (heat pump with furnace)
- Whole-home humidifiers and dehumidifiers

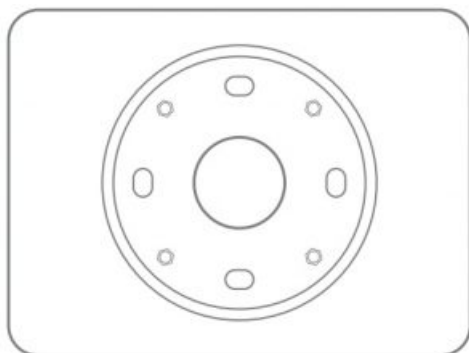
### In the box



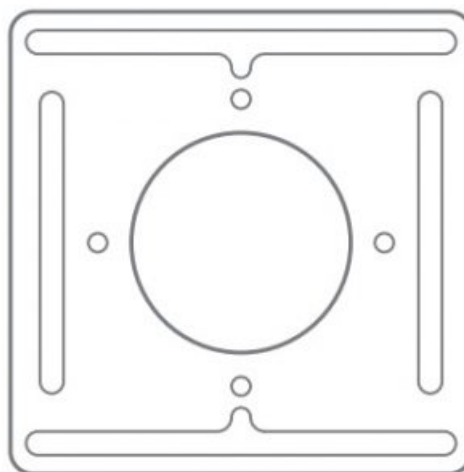
**Display**



**Base**



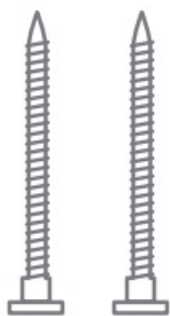
**Optional trim plate**



**Optional steel plate**



Screwdriver



Wall Screws



Steel Plate Screws

### 1. Switch off power



Breaker box

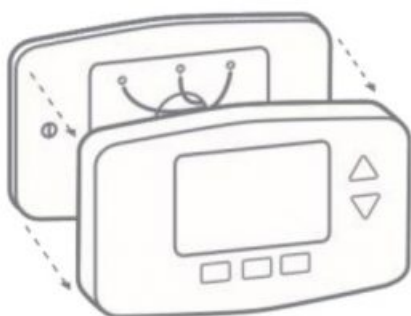
or



Switch

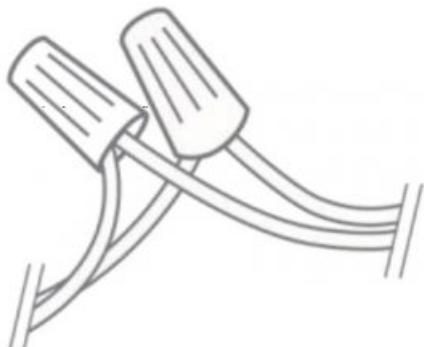
This protects you and avoids blowing a fuse in your equipment. Adjust the temperature on your old thermostat to make sure your system is off.

### 2. Remove cover



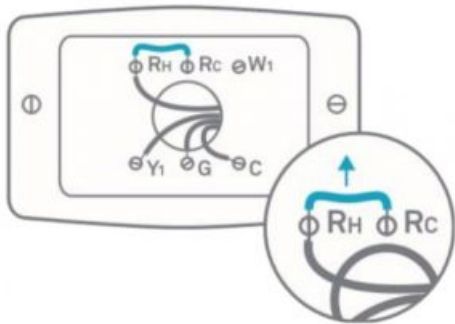
Some covers pop off, while others need to be unscrewed

### 3. Check your system



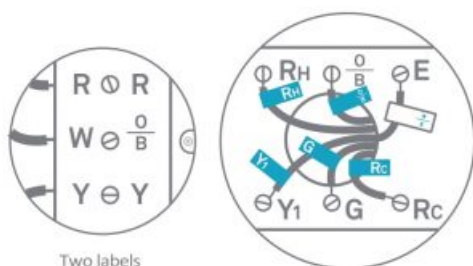
If your old thermostat is labeled 120V or 240V or has thick wires with wire nuts, your system is high voltage. Not sure? Contact Support.

#### 4. Remove any jumper wires



Jumper wires are short wires between two connectors. You won't need them. An R wire can go into either RC or RH.

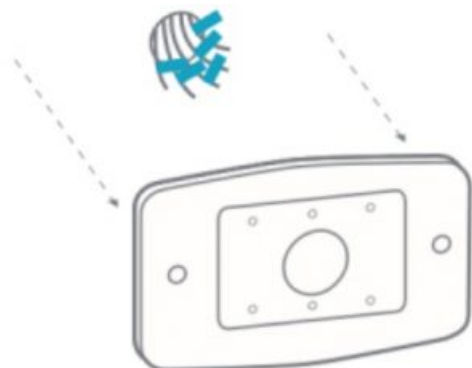
#### 5. Label wires



Peel off the labels below and attach them to the thermostat's matching wires.

Use the white labels for any W3, E, HUM or DEHUM wires. The \* connector can only connect to one of these wires.

#### 6. Disconnect wires and remove base



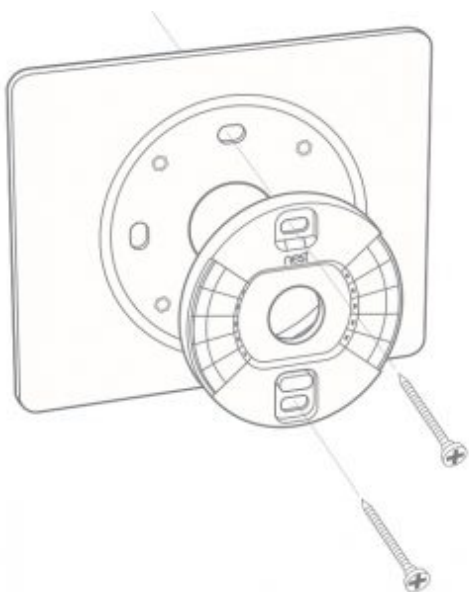
After removing the base, we recommend gently wrapping the wires around a pen or pencil to ensure they don't fall back into the hole in the wall.

#### 7. Mark where screws will go



Use the bubble level to make sure the Nest Thermostat is level.

**Use trim plate if needed**



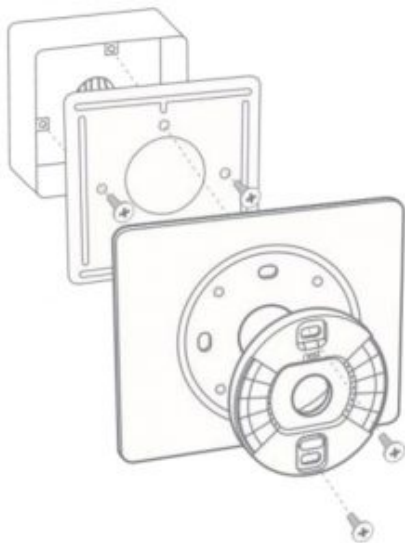
**You can cover up holes or marks left by your old thermostat with the optional trim plate.**

Snap the base and trim plate together, then screw them to the wall.

You'll find the trim plate in the bottom of the box.

**Mounting on an electrical box**

Electrical boxes aren't common, but if you have one, secure the steel plate to the electrical box with two of the short steel plate screws. Insert the screws into the long slots on the steel plate.

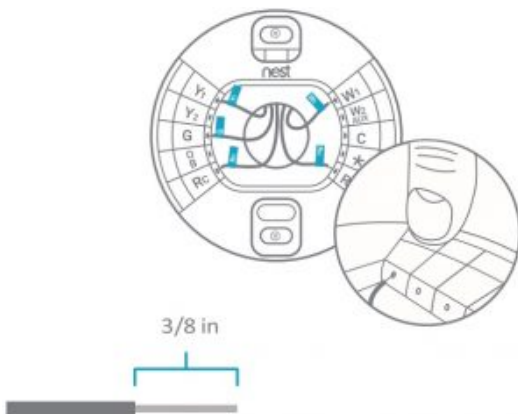


Use the other two short screws to attach the Nest base and trim plate to the steel plate.

Pull the wires through the center of the base, then attach it to the wall with the screws.



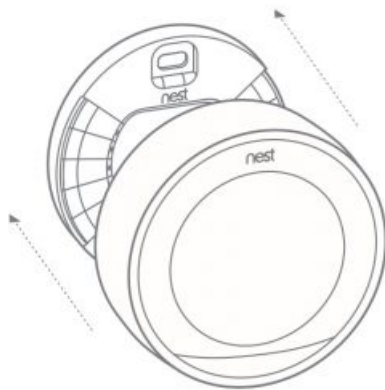
After all the wires are securely connected, push them down to make sure they're flush with the base.



The exposed wire should be straight.

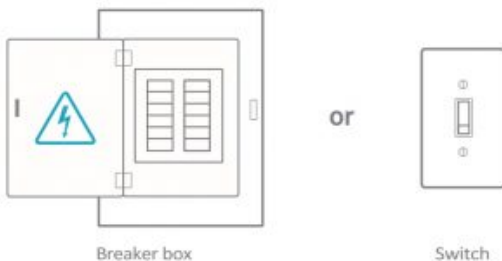
## 8. Attach the display

Press the display onto the base until it clicks.



## 9. Attach the Nest base

## 10. Switch the power back on



## 11. Connect wires

## 12. Setup and Nest Account

The Nest Thermostat will turn on and walk you through setup. Just turn the ring and press to select. During

setup, you can connect the thermostat to Wi-Fi.

Remember, you can download the free Nest app from the App Store® or Google Play.™

Weather data is provided by The Weather Channel.™

Questions about adding a thermostat to your Nest Account? Visit [nest.com/pair](https://nest.com/pair)

## **Nest Labs, Inc. Limited Warranty Learning Thermostat**

Please recycle Nest's packaging.

RECYCLING AND DISPOSAL

Visit [nest.com/recycle](https://nest.com/recycle)



## **Warranty Info**

THIS LIMITED WARRANTY CONTAINS IMPORTANT INFORMATION ABOUT YOUR RIGHTS AND OBLIGATIONS, AS WELL AS LIMITATIONS AND EXCLUSIONS THAT MAY APPLY TO YOU.

### **1. WHAT THIS LIMITED WARRANTY COVERS; PERIOD OF COVERAGE**

Nest Labs, Inc. ("Nest Labs"), 3400 Hillview Avenue, Palo Alto, California USA, warrants to the owner of the enclosed product Please recycle Nest's packaging.

RECYCLING AND DISPOSAL

Visit [nest.com/recycle](https://nest.com/recycle) that the product contained in this box ("Product") will be free from defects in materials and workmanship for a period of two (2) years from the date of delivery following the original retail purchase, and if a Nest Prosells and installs the Product and enters a valid Nest ProID during setup, an additional three (3) years, resulting in a warranty period of five (5) years for that Product (collectively, the "Warranty Period"). If the Product fails to conform to this Limited Warranty during the Warranty Period, Nest Labs will, at its sole discretion, either (a) repair or replace any defective Product or component; or (b) accept the return of the Product and refund the money actually paid by the original purchaser for the Product. Repair or replacement may be made with a new or refurbished product or components, at Nest Labs' sole discretion. If the Product or a component incorporated within it is no longer available, Nest Labs may, at Nest Labs' sole discretion, replace the Product with a similar product of similar function. This is your sole and exclusive remedy for breach of this Limited Warranty. Any Product that has either been repaired or replaced under this Limited Warranty will be covered by the terms of this Limited Warranty for the longer of (a) ninety (90) days from the date of delivery of the repaired Product or replacement Product, or (b) the remaining Warranty Period. This Limited Warranty is transferable from the original purchaser to subsequent owners, but the Warranty Period will not be extended in

duration or expanded in coverage for any such transfer.

## **2. TOTAL SATISFACTION RETURN POLICY**

If you are the original purchaser of the Product and you are not satisfied with this Product for any reason, you may return it in its original condition within thirty (30) days of the original purchase and receive a full refund.

## **3. WARRANTY CONDITIONS; HOW TO GET SERVICE IF YOU WANT TO CLAIM UNDER THIS LIMITED WARRANTY**

Before making a claim under this Limited Warranty, the owner of the Product must (a) notify Nest Labs of the intention to claim by visiting [nest.com/support](https://nest.com/support) during the Warranty Period and providing a description of the alleged failure, and (b) comply with Nest Labs' return shipping instructions.

Nest Labs will have no warranty obligations with respect to a returned Product if it determines, in its reasonable discretion after examination of the returned Product, that the Product is an Ineligible Product (defined below).

Nest Labs will bear all costs of return shipping to owner and will reimburse any shipping costs incurred by the owner, except with respect to any Ineligible Product, for which owner will bear all shipping costs.

## **4. WHAT THIS LIMITED WARRANTY DOES NOT COVER**

This Limited Warranty does not cover the following (collectively "Ineligible Products"): (i) Products marked as "sample" or "Not for Sale", or sold "AS IS"; (ii) Products that have been subject to: (a) modifications, alterations, tampering, or improper maintenance or repairs; (b) handling, storage, installation, testing, or use not in accordance with the User's Guide or other instructions provided by Nest Labs; (c) abuse or misuse of the Product; (d) breakdowns, fluctuations, or interruptions in electric power or the telecommunications network; or (e) Acts of God, including but not limited to lightning, flood, tornado, earthquake, or hurricane; or (iii) any non-Nest Labs branded hardware products, even if packaged or sold with Nest Labs hardware. This Limited Warranty does not cover consumable parts, including batteries, unless damage is due to defects in materials or workmanship of the Product, or software (even if packaged or sold with the product). Nest Labs recommends that you use only authorized service providers for maintenance or repair.

Unauthorized use of the Product or software can impair the Product's performance and may invalidate this Limited Warranty.

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EXCEPT AS STATED ABOVE IN THIS LIMITED WARRANTY, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, NEST LABS DISCLAIMS ALL EXPRESS, IMPLIED, AND STATUTORY WARRANTIES AND CONDITIONS WITH RESPECT TO THE PRODUCT, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, NEST LABS ALSO LIMITS THE DURATION OF ANY APPLICABLE IMPLIED WARRANTIES OR CONDITIONS TO THE DURATION OF THIS LIMITED WARRANTY.

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**8. YOUR RIGHTS AND THIS LIMITED WARRANTY**

This Limited Warranty gives you specific legal rights. You may also have other legal rights that vary by state, province, or jurisdiction. Likewise, some of the limitations in this Limited Warranty may not apply in certain states. The terms of this Limited Warranty will apply to the extent permitted by applicable law. For a full description of your legal rights you should refer to the laws applicable in your jurisdiction and you may wish to contact a relevant consumer advisory service.

**Documents / Resources**

	<a href="#">nest Learning Thermostat</a> [pdf] Installation Guide Learning Thermostat
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**References**

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