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- › [Google](#) /
- › [Google Nest Thermostat User Manual](#)

Google GA02083-US

Google Nest Thermostat User Manual

Model: GA02083-US

Brand: Google

INTRODUCTION

The Google Nest Thermostat is a smart thermostat designed to help you manage your home's heating and cooling efficiently. It offers features such as remote control via the Google Home app, energy-saving capabilities, and compatibility with various HVAC systems. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting.



Image: Front view of the Google Nest Thermostat, showing the display set to 70 degrees for heating, with an indoor temperature of 72 degrees.

SETUP AND INSTALLATION

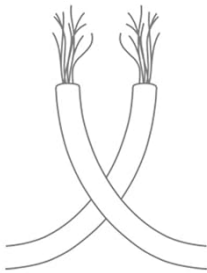
The Nest Thermostat is designed for self-installation, typically completed in 30 minutes or less. It is compatible with approximately 85% of heating and cooling systems. Before installation, ensure your system is compatible.

Compatibility Check

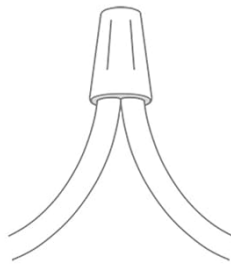
The Nest Thermostat is designed to work without a C wire in most homes. However, for certain systems, including heating-only, cooling-only, zone-controlled, and heat pump systems, a C wire or other compatible power accessory may be required. You can check your system's compatibility using the online Nest Compatibility Checker on the Google Nest support page.

How to tell if your system isn't compatible.

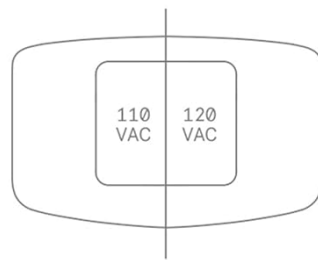
Once you've powered off your system, remove your thermostat cover for a closer look. If your current thermostat has stranded wires or is labeled 110V or 120V, your system won't be compatible with a Nest Thermostat.



It has stranded wires.



It has thick, stranded wires connected by wire nuts.



It's labeled 110V or 120V.

Image: Rear view of the Nest Thermostat's base plate, showing the wiring terminals for connection to HVAC systems.

Incompatible Systems

To determine if your system is incompatible, power off your system and remove your current thermostat cover. Your system is likely incompatible if:

- It has stranded wires.
- It has thick, stranded wires connected by wire nuts.
- It is labeled 110V or 120V.

Control from anywhere.

With the Google Home app, you can change the temperature from wherever you are – whether you're on the couch or away from home.¹

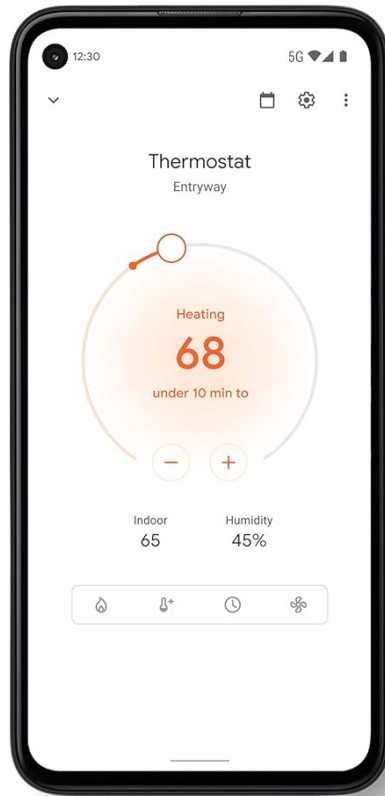


Image: Visual examples of wiring and labels that indicate incompatibility with the Nest Thermostat.

Installation Steps

All necessary components for installation are included in the box. Follow the simple steps provided in the Google Home app for a guided installation process.

Easy to use.

Just swipe the touch bar on the side of your thermostat to change the temperature, or tap for settings.



Image: Components included for installation: the Nest Thermostat unit, its wall plate, two AAA batteries, and mounting screws.

OPERATING INSTRUCTIONS

Manual Temperature Adjustment

To change the temperature directly on the thermostat, swipe the touch bar located on the side of the device. You can also tap for settings adjustments.

Compatible with 85% of systems.

The Nest Thermostat is designed to work without a C wire in most homes. But for some systems, including heating-only, cooling-only, zone-controlled, and heat pump systems, you'll need a C wire or other compatible power accessory. Visit the [Nest Compatibility Checker](#) to learn more.

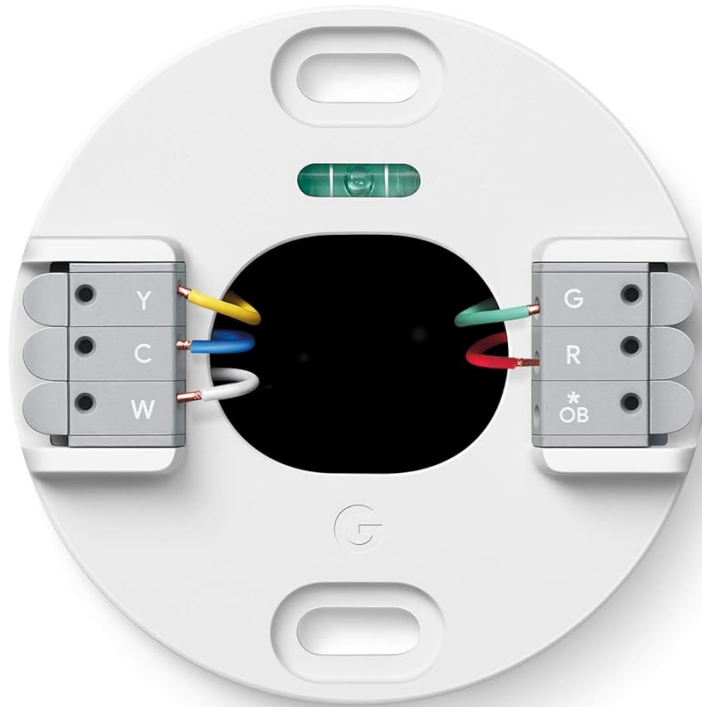


Image: A hand interacting with the side touch bar of the Nest Thermostat to adjust the temperature setting.

Remote Control via Google Home App

Control your Nest Thermostat from anywhere using the Google Home app on your Android or iPhone. This allows you to adjust the temperature remotely, whether you are at home or away.

Turn up your savings.

The Nest Thermostat helps you save energy. It can turn itself down when you leave, so you don't waste energy heating or cooling an empty home.

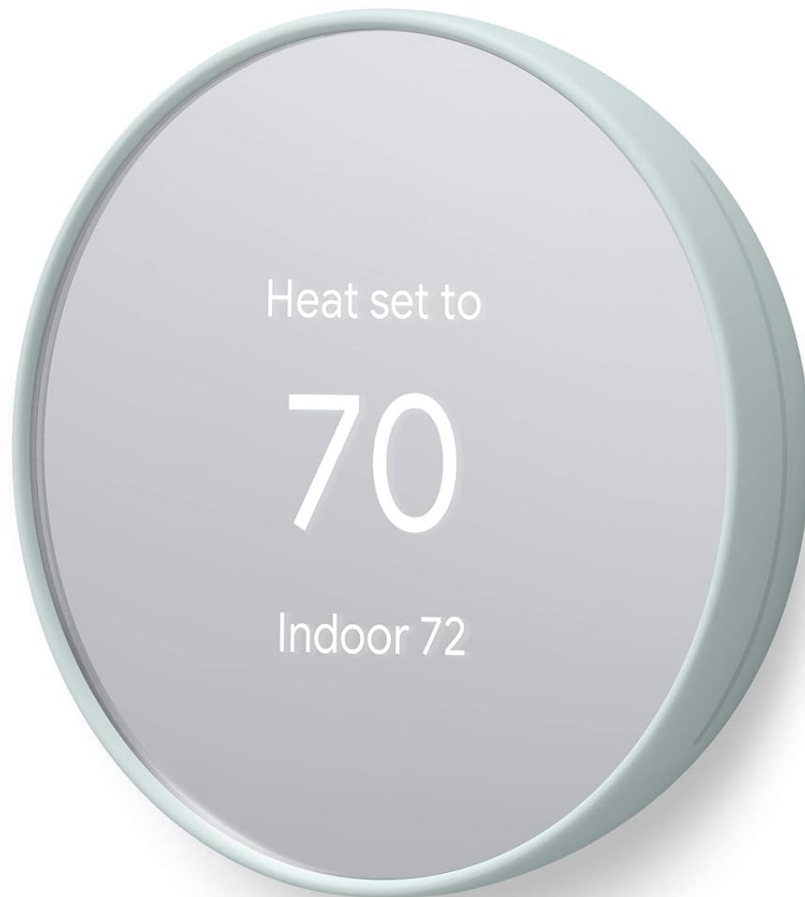


Image: A smartphone screen showing the Google Home app interface for controlling the thermostat, displaying current temperature and settings.

Voice Control

The Nest Thermostat works with Google Assistant and Alexa. You can change the temperature using simple voice commands with compatible smart home devices.

More ways to save.

Check with your energy provider to see whether you're eligible for rebates on your Nest Thermostat.



Image: The Nest Thermostat displayed alongside logos for Google Assistant and Alexa, indicating voice control compatibility.

Energy-Efficient Scheduling

Create and manage energy-efficient schedules using the Quick Schedule feature in the Google Home app. The thermostat can also turn itself down when you are away to save energy.

Easy to install.

It's designed so you can install it yourself, usually in 30 minutes or less. Just follow the simple steps in the Google Home app.



Image: A smartphone showing the scheduling interface within the Google Home app, allowing users to program their thermostat.

Nest Renew

Nest Renew helps you prioritize energy usage to times when energy is cleaner or less expensive. This feature works with your compatible Nest thermostat to optimize your energy consumption.



Image: A woman adjusting the Nest Thermostat mounted on a wall, demonstrating ease of use.

MAINTENANCE

The Nest Thermostat includes HVAC monitoring, which can detect potential issues with your heating and cooling systems. It sends alerts if something seems wrong and provides helpful reminders for routine maintenance, such as changing air filters.

Create an energy-efficient schedule.

With Quick Schedule, you can easily program the Nest Thermostat in the app, then make adjustments over time.

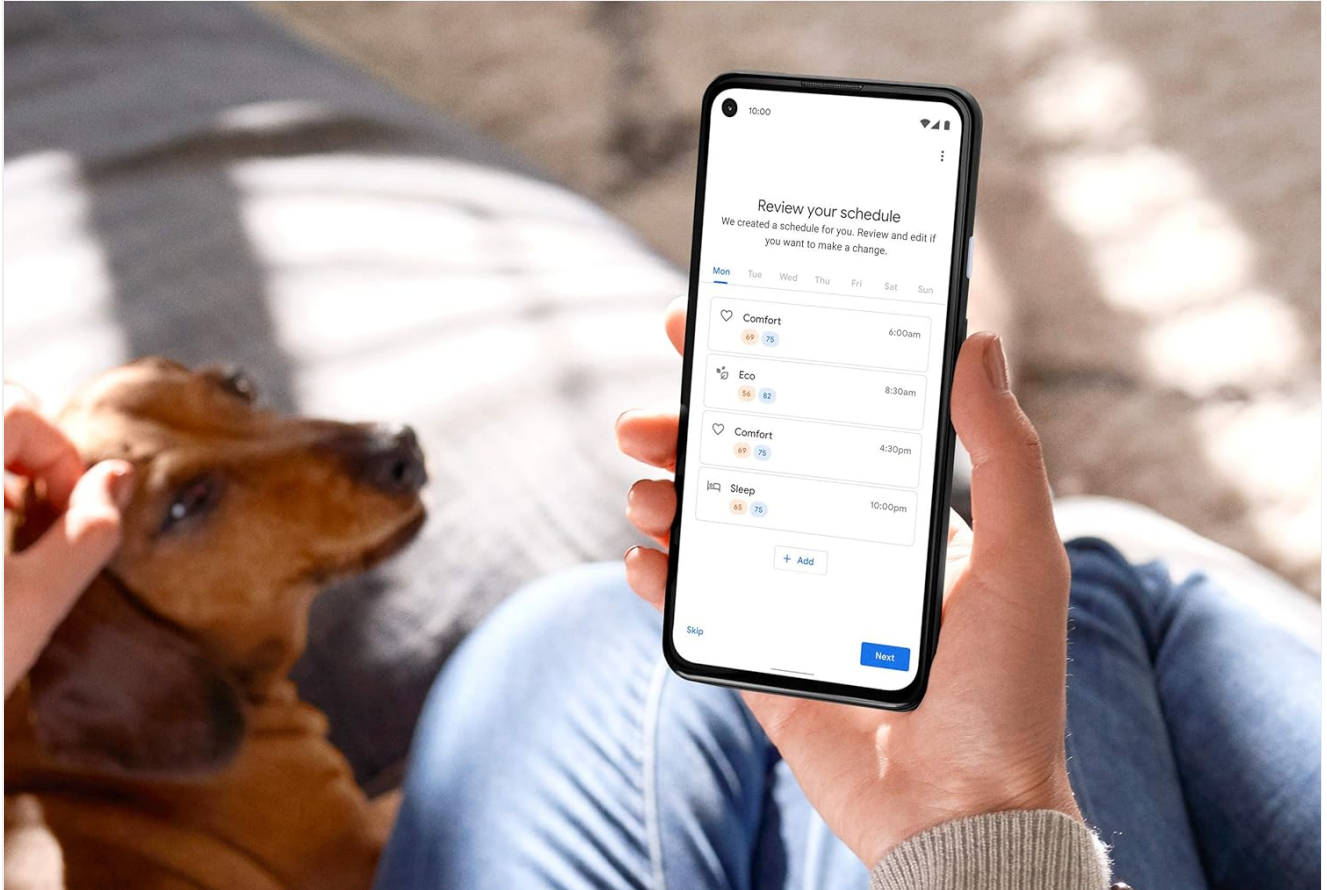


Image: A smartphone displaying a notification from the Google Home app regarding HVAC system monitoring and maintenance reminders.

TROUBLESHOOTING

If you encounter any issues with your Google Nest Thermostat, consider the following common troubleshooting steps:

- **No Power/Display Off:** Ensure the thermostat is properly seated on its base. Check your home's circuit breaker for the HVAC system. If your system requires a C wire, verify it is correctly installed or consider a compatible power accessory.
- **Temperature Inaccuracy:** Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources that could affect its temperature readings.
- **Wi-Fi Connectivity Issues:** Verify your home Wi-Fi network is active and the signal is strong near the thermostat. Restart your Wi-Fi router if necessary. Reconnect the thermostat to Wi-Fi through the Google Home app settings.
- **Scheduling Problems:** Double-check your Quick Schedule settings in the Google Home app for any conflicts

or unintended settings. Ensure the "Home/Away Assist" feature is configured as desired.

- **HVAC System Alerts:** If you receive an alert about your HVAC system, consult the Google Home app for more details. These alerts are informational and may suggest contacting a qualified HVAC professional for diagnosis.

For more detailed troubleshooting or specific error codes, refer to the official Google Nest support website or the comprehensive user guide linked in the Support & Resources section.

SPECIFICATIONS

Feature	Detail
Brand	Google
Model Name	Google Nest Thermostat
Product Dimensions	1.07"D x 3.31"W x 3.31"H
Controller Type	Android, Google Assistant, Vera, iOS, Nest
Special Feature	Programmable
Color	Fog
Specific Uses For Product	Heat Pump
Temperature Control Type	Heating, Cooling
Connectivity Technology	Wi-Fi
Included Components	Documentation bundle, Mounting screws, Nest Thermostat, Steel plate
Power Source	Corded Electric
Item Weight	4.9 Ounces
Voltage	24 Volts
Display Type	LED or LCD
Control Type	Button Control
Control Method	Voice
Connectivity Protocol	Wi-Fi
Mounting Type	Wall Mount
Style	Programmable Wifi Thermostat
Backlight	Yes
Specification Met	Energy Star
Number of Batteries	2 AAA batteries required. (included)
UPC	193575007717

Manufacturer	Google
Item model number	GA02083-US
Batteries	2 AAA batteries required. (included)
Customer Reviews	4.2 out of 5 stars (2,363 ratings)
Best Sellers Rank	#446 in Tools & Home Improvement, #1 in Home Programmable Thermostats

WARRANTY INFORMATION

The Google Nest Thermostat comes with a 1-year warranty. For detailed warranty terms and conditions, please refer to the documentation bundle included with your product or visit the official Google Nest support website.



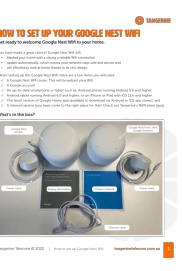
SUPPORT & RESOURCES

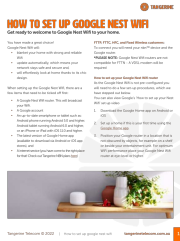


For additional support, detailed user guides, and frequently asked questions, please refer to the following resources:

- [User Manual \(PDF\)](#)
- [User Guide \(PDF\)](#)
- Official Google Nest Support Website (refer to product packaging for direct link or search online)

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Related Documents - GA02083-US

	<p>Google Nest Thermostat User Manual: Setup and Included Components</p> <p>User manual for the Google Nest Thermostat, covering setup with the Google Home app, included accessories, and support resources. Learn how to install and get help for your smart home thermostat.</p>
	<p>Google Nest Wifi: Setup, Safety, Warranty, and Regulatory Guide</p> <p>Comprehensive guide for Google Nest Wifi, covering setup instructions, safety precautions, regulatory compliance, and the limited warranty for the USA and Canada. Includes model details and support information.</p>
	<p>How to Set Up Your Google Nest Wifi Router</p> <p>A step-by-step guide to setting up your Google Nest Wifi router for a seamless home Wi-Fi experience. Learn about connecting the router, using the Google Home app, and optimizing your network.</p>

 <p>HOW TO SET UP GOOGLE NEST WIFI</p> <p>Get ready to welcome to Google Nest Wifi to your home.</p> <p>Before you get started:</p> <ul style="list-style-type: none">• Make sure you have a strong internet connection.• Make sure you have a power outlet nearby.• Make sure you have a smartphone or tablet to use the Google Home app.• Make sure you have a Google account. <p>When setting up the Google Nest Wifi, there are a few things you should know:</p> <ul style="list-style-type: none">• The Google Nest Wifi router is designed to be used with a power outlet.• The Google Nest Wifi router is designed to be used with a power outlet.• The Google Nest Wifi router is designed to be used with a power outlet. <p>Follow these steps to get started:</p> <ol style="list-style-type: none">1. Plug the Google Nest Wifi router into a power outlet.2. Download the Google Home app from the App Store or Google Play.3. Open the Google Home app and tap the "+" icon to add a new device.4. Follow the on-screen instructions to set up your Google Nest Wifi router. <p>Once you've completed these steps, your Google Nest Wifi router will be ready to use. For more information, visit Google.com/nestwifi.</p>	<p>How to Set Up Google Nest Wifi</p> <p>A step-by-step guide on how to set up your Google Nest Wifi router for a strong and reliable home network. Includes requirements, connection steps, and troubleshooting tips.</p>
 <p>Let's get started</p> <p>Google</p>	<p>Google Nest Cam Setup Guide</p> <p>A concise guide to setting up your Google Nest Cam, detailing included components and support resources.</p>
 <p>Set up Google Nest Wifi</p> <p>Google Nest Wifi lets you create a strong Wi-Fi network throughout your home. It's designed to be used with a power outlet. To get started, you'll need:</p> <ul style="list-style-type: none">• A Google Nest Wifi router.• A power outlet.• A smartphone or tablet to use the Google Home app.• A Google account. <p>Follow these steps to get started:</p> <ol style="list-style-type: none">1. Plug the Google Nest Wifi router into a power outlet.2. Download the Google Home app from the App Store or Google Play.3. Open the Google Home app and tap the "+" icon to add a new device.4. Follow the on-screen instructions to set up your Google Nest Wifi router. <p>Once you've completed these steps, your Google Nest Wifi router will be ready to use. For more information, visit Google.com/nestwifi.</p>	<p>Setting Up Your Google Nest Wifi System</p> <p>A comprehensive guide to setting up your Google Nest Wifi router and points for optimal home Wi-Fi coverage. Learn about requirements, step-by-step instructions, and troubleshooting.</p>