

# Smart Thermostat User Manual

## Getting to know the Smart Thermostat

The indicators (mode button, Temperature down, Temperature up, Modes, Current temperature, Info icon, Energy saver) appear when a function is engaged. You will not see them all at once or when your device is inactive. You can also change the display settings later in the App.

## What's in the box?

Device, cosmetic plate (optional), wire labeling stickers, Wall plate, Screws with anchors, installation tool.

## Things to know before you begin

Before installing your device, you should be comfortable handling the electrical wiring in your home. If not, hire a professional to take care of the installation for you.

This system is intended to replace an existing 24V thermostat and is compatible with most heating, cooling, and heat pump systems. It does not work with electric baseboard heat (120-240V) or millivolt systems.

You must turn off power to your heating and cooling system at your circuit breaker or fuse box before installing your thermostat.

The thermostat requires 2.4 GHz wifi. Make sure you have your wifi password handy before you begin the installation.

You may want to heat or cool your home to a comfortable temperature before beginning the installation, since your system won't be operating during that time.

## **WARNING: ELECTRICAL HAZARD**

Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage.

Before installing your thermostat, turn off power to your heating and cooling system at your circuit breaker or fuse box. Verify that the power is off.

Be aware that all electrical wires, regardless of function, can carry an electrical current. Treat all wires with equal caution.

## **CAUTION: MERCURY NOTICE**

If this product is replacing a control that contains mercury in a sealed tube, do not place the old control in the trash. Contact your local waste management authority for instructions regarding recycling and proper disposal.

## Troubleshooting tips

If you've installed your thermostat and the display is blank:

- The display will naturally dim when not in use. To restore full brightness, touch the center mode

button.

- The touch-sensitive buttons may not work properly if you are wearing gloves.
- Confirm all wires have been connected properly.
- Check the circuit breaker, and any switches that control power to your heating and cooling system, and reset.
- Confirm that the heating/cooling power has been turned back on.
- Check that your furnace door is securely closed.

### **Guided installation in the App**

Download the app. We've created a guided installation experience within the app to take you step by step. To get started:

1. Download the latest version of the app from the app store.
2. Tap the "More" icon in the lower right of the app.
3. Select "Add a device" and then follow the on-screen instructions to install the device.
4. If prompted by the app to scan a barcode, scan the 2D barcode on the back of this guide.

### **Get the most from your Smart Thermostat**

The app will help you get the best experience from your smart thermostat. You can use it to control the temperature remotely and set a schedule. Or let the app automatically manage the temperature with Routines and Hunches.

### **Safety information**

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

Installation by a qualified professional may be required in your area. Refer to your local laws and building codes before performing electrical work; permits and/or professional installation may be required by law.

Disconnect power to installation area at your circuit breaker or fuse box before beginning installation. Always use caution when handling electrical wiring. Failure to do so can cause electrical shock or equipment damage.

Don't use this product to replace a high voltage system (such as a system with wire nuts or thick unlabeled wires) or any other incompatible system.

Install your device in a location away from heat sources and direct sunlight to avoid temperature fluctuations, which may affect temperature readings and device performance. Do not install your device near water or in humid conditions.

The openings towards the back of the Smart Thermostat are used to sense temperature and humidity. If they become blocked, this will impair the devices functionality. If you repaint your home, make sure that your Smart Thermostat is removed before you paint to avoid paint blocking the holes.

Your Smart Thermostat will remain cool to the touch during normal operation. If it ever feels hot to the touch, turn off the power to your heating and cooling equipment and contact technical support.

Many homes built before 1978 contain lead-based paint. Check if your install area contains lead-based paint before beginning installation.

Older homes may have wire fuses, rather than the switch ground fault interrupt fuses shown in the app. If you have such a home, and are not comfortable removing the fuse for your heating and cooling equipment, please consult a professional installer.

If this product is replacing a control that contains mercury in a sealed tube, do not place the old control in the trash. Contact your local waste management authority for instructions regarding recycling and proper disposal.

Handle your device and its accessories with care. Your device or its accessories may have pointed edges which can lead to scratches, cuts, or other physical injury.

Small Parts contained in your device and its accessories may present a choking hazard to small children.

If the device appears damaged, discontinue use immediately.

If the current wiring appears too short, wires have been lost in the wall, or you are not comfortable working with your wiring, contact a professional to take care of the installation for you.

If no C wire is present, you will need to use a C wire power adapter. If you are not comfortable installing this adapter, contact a professional to take care of the installation for you.

The Smart Thermostat requires 2.4 GHz wifi to operate. If your home only has 5GHz wifi, it is not compatible with this product.

### **ENERGY STAR Compliance**

This Smart Thermostat is ENERGY STAR® certified and meets the guidelines for energy efficiency. Energy conservation preserves valuable resources.

### **PRODUCT SPECIFICATIONS**

Electrical Rating: 24V ~, 60Hz, 0.2A, Temperature Rating: 32-104°F (0-40°C)

### **FCC Compliance**

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.

**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 not occur 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.

Pursuant to Section 15.21 of the FCC rules, changes or modifications to a Product by the user that are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Device is certified for fixed installations and must be installed to provide a separation distance of at least 20 cm from all persons. End users and installers must be provided with instructions to satisfy RF exposure compliance requirements.

The device meets the FCC Radio Frequency Emission Guidelines. Information on the product is on file with the FCC and can be found by inputting such Product's FCC ID (which can be found on the device) into the FCC ID Search form available at <https://www.fcc.gov/oet/ea/fccid>.

Additional safety, compliance, recycling, and other important information regarding your device can be found in the App in Help & Feedback > Legal & Compliance.

### **RECYCLING YOUR DEVICE PROPERLY**

In some areas, the disposal of certain electronic devices is regulated. Make sure you dispose of, or recycle, your device in accordance with your local laws and regulations