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› Honeywell Home T5 Smart Wi-Fi Thermostat (Model RCHT8610WF2006) Instruction Manual

Honeywell Home RCHT8610WF2006

Honeywell Home T5 Smart Wi-Fi Thermostat Instruction Manual

Brand: Honeywell Home | Model: RCHT8610WF2006

1. INTRODUCTION

The Honeywell Home T5 Smart Thermostat is designed to provide optimal comfort and energy efficiency in your home. This ENERGY STAR certified device offers flexible programming options, including schedule-based control and location-based temperature adjustments (Geofencing). With Wi-Fi connectivity, you can manage your home's temperature from anywhere using a smartphone or tablet, simplifying climate control and potentially reducing energy costs.



Figure 1: Front view of the Honeywell Home T5 Smart Thermostat.

2. SETUP AND INSTALLATION

2.1 Pre-Installation Checklist

- **Compatibility:** Ensure your HVAC system is compatible. This thermostat works with forced air (gas, oil, or electric), hot water and steam, and heat pumps with electric backup. It is NOT compatible with electric baseboard heat (120-240V) or mini-split systems.
- **C-Wire Requirement:** A C-wire (common wire) is required for power. Verify your system has a C-wire or consult a professional for installation of a C-wire power adapter if needed.
- **Tools:** Gather necessary tools such as a screwdriver, wire strippers, and a smartphone or computer for Wi-Fi setup.



Figure 2: System compatibility chart for the T5 Smart Thermostat.

2.2 Wiring Instructions

1. **Power Off:** Before beginning, turn off power to your heating/cooling system at the circuit breaker.
2. **Remove Old Thermostat:** Carefully remove your old thermostat from the wall. Take a picture of the wiring for reference.
3. **Label Wires:** Label each wire with the corresponding terminal letter from your old thermostat.
4. **Mount New Base:** Install the new thermostat's mounting plate to the wall using the provided screws.
5. **Connect Wires:** Connect the labeled wires to the appropriate terminals on the new thermostat base. Ensure the C-wire is connected.
6. **Attach Thermostat:** Snap the T5 Smart Thermostat onto its mounting plate.
7. **Power On:** Restore power to your heating/cooling system at the circuit breaker.

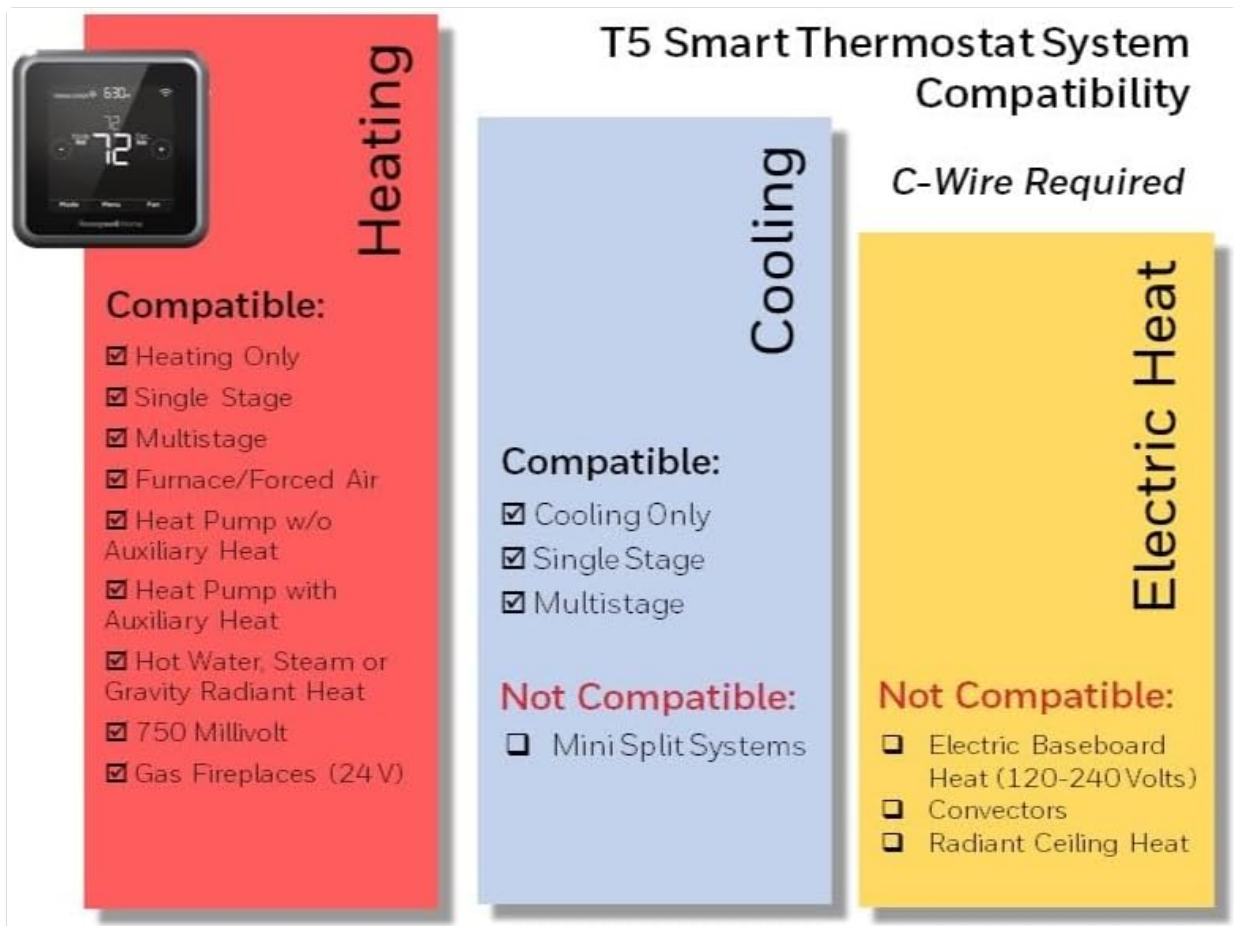


Figure 3: Rear view of the T5 Smart Thermostat with wiring terminals.

2.3 Wi-Fi and App Connection

After installation, connect your thermostat to your home Wi-Fi network and the Honeywell Home app for remote control and advanced features.

1. **Download App:** Download the Honeywell Home app from your smartphone's app store.
2. **Create Account:** Open the app and create an account or log in.
3. **Add Device:** Follow the in-app instructions to add your T5 Smart Thermostat. This typically involves putting the thermostat into Wi-Fi setup mode and connecting your phone to its temporary Wi-Fi network before selecting your home network.
4. **Configuration:** Complete the guided setup in the app, including system type and scheduling preferences.



Figure 4: The T5 Smart Thermostat and its companion mobile application.

Video 1: Overview of the Honeywell Home RCHT8610WF2006 Thermostat, including its features and basic operation.

3. OPERATING YOUR THERMOSTAT

3.1 Manual Temperature Adjustment

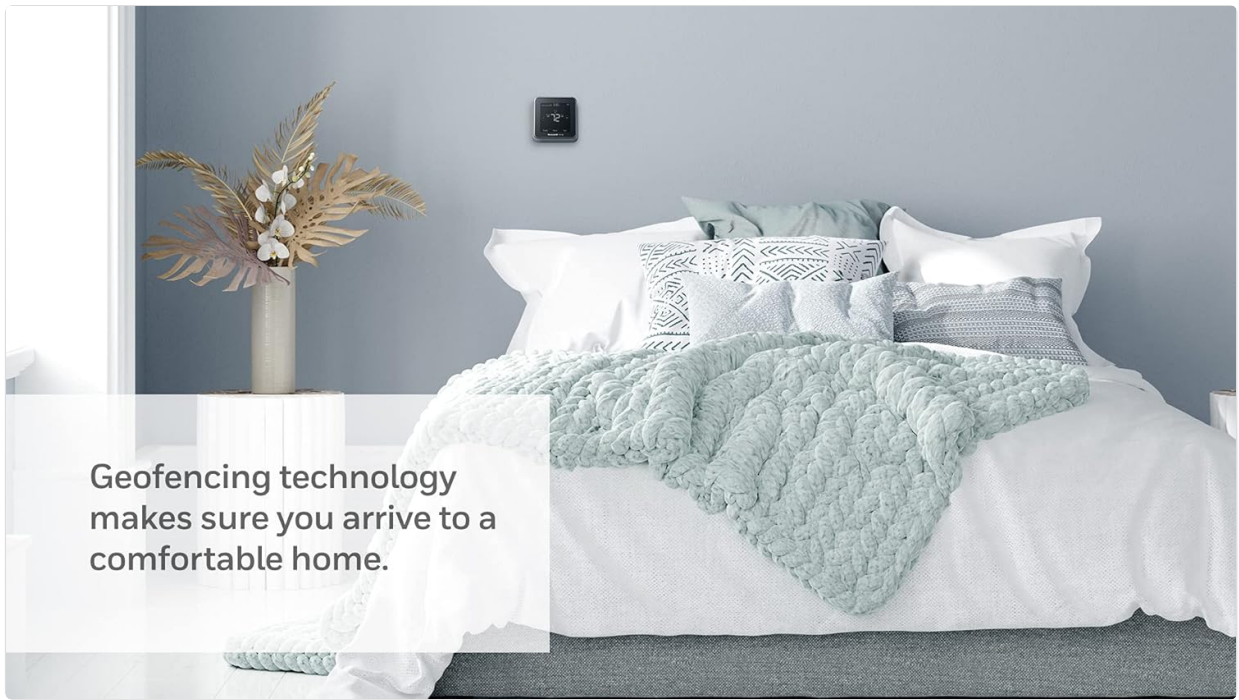
You can manually adjust the temperature directly on the thermostat's touchscreen. Use the '+' and '-' buttons to increase or decrease the set temperature. The thermostat will hold this temperature until the next scheduled change or until you manually override it.

3.2 Scheduling

The T5 Smart Thermostat offers 7-day flexible scheduling. You can set different temperatures for various times of the day (e.g., Wake, Away, Home, Sleep) to match your daily routine. This can be configured through the Honeywell Home app.

3.3 Geofencing

Geofencing uses your smartphone's location to automatically adjust the temperature when you leave or approach your home. This feature helps save energy when you're away and ensures your home is comfortable when you arrive. Enable and configure Geofencing within the Honeywell Home app.



Geofencing technology makes sure you arrive to a comfortable home.

Figure 5: Geofencing technology ensures a comfortable home upon arrival.

3.4 Smart Home Integration

The T5 Smart Thermostat is compatible with various smart home ecosystems, including Amazon Alexa, Apple HomeKit, Google Assistant, IFTTT, and Cortana. This allows for voice control and integration into broader smart home routines.



Figure 6: The T5 Smart Thermostat integrates with popular smart home platforms.

4. MAINTENANCE

The Honeywell Home T5 Smart Thermostat requires minimal maintenance. Keep the screen clean by gently wiping it with a soft, damp cloth. Avoid using abrasive cleaners or solvents. Ensure the vents on the thermostat are not obstructed to allow for accurate temperature readings.

5. TROUBLESHOOTING

Issue	Possible Cause	Solution
Thermostat has no power/blank screen	No C-wire connection; Blown fuse; Power off at breaker.	Verify C-wire connection; Check circuit breaker; Consult HVAC professional.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; Router issues; Thermostat too far from router.	Double-check password; Restart router; Move thermostat closer to router or use a Wi-Fi extender. Ensure 2.4GHz network is used.

Issue	Possible Cause	Solution
Temperature inaccurate	Thermostat located near heat source/draft; Obstructed vents.	Relocate thermostat if possible; Clear any obstructions around the thermostat.
Heating/Cooling not responding	Incorrect system settings in app; HVAC system issue.	Verify system settings in the Honeywell Home app; Check HVAC unit for power or error codes; Consult HVAC professional.

6. SPECIFICATIONS

Feature	Detail
Brand	Honeywell Home
Model Name	T5 Smart Thermostat
Product Dimensions	4.06"D x 4.06"W x 1.06"H
Controller Type	Amazon Alexa, Apple HomeKit, Google Assistant
Special Feature	Energy Star certified, Wi-Fi Thermostat
Color	Black
Connectivity Technology	Wi-Fi
Power Source	Electric (C-wire required)
Item Weight	13.4 ounces
Display Type	Touch screen
Mounting Type	Wall Mount
UPC	085267865647
Item model number	RCHT8610WF2006/W

7. WARRANTY AND SUPPORT

This Honeywell Home T5 Smart Thermostat comes with a **2-year limited warranty**. For detailed warranty information, terms, and conditions, please refer to the documentation included with your product or visit the official Honeywell Home website.

For technical support, troubleshooting assistance, or to register your product, please visit the Honeywell Home support website or contact their customer service. Contact information can typically be found on the product packaging or the official website.