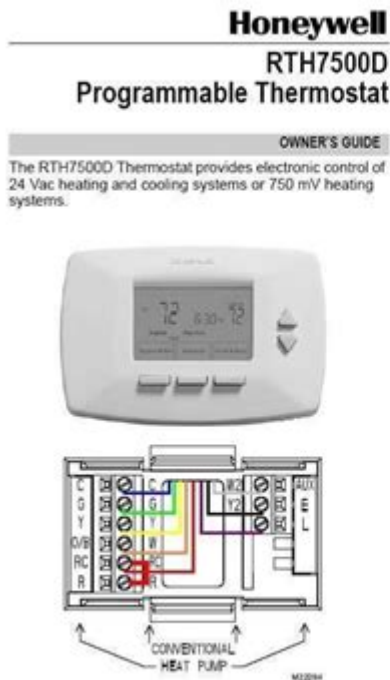


# Honeywell Rth9585wf Installation Manual



Installer Setup Number	Installer Setup Name	(Select Your Setting) Settings
0170	System Type Selection	<p>1 - Heating and Cooling (Conventional) -- Gas, oil or electric heating with central air conditioning.</p> <p>2 - Single-stage Heat Pump with no back-up or auxiliary heat -- the compressor runs in both heating and cooling.</p> <p>3 - Heat Only with no fan (Conventional) -- Gas, oil or electric heating without central air conditioning. No wire on the G terminal on new thermostat.</p> <p>4 - Heat Only with fan (Conventional) -- Gas, oil or electric heating without central air conditioning. Typically wires are R, W and G on new thermostat.</p> <p>5 - Hot Water Heat Only (Conventional) -- Gas or Oil hot water heat with three wires connected to new thermostat or for normally closed hot water valves with wires connected to R and Y on new thermostat.</p> <p>6 - Cool Only (Conventional) -- Central air conditioning only.</p> <p>7 - Multistage Heat Pumps -- heat pump with auxiliary or backup heat.</p> <p>8 - Multistage Conventional Heating and Cooling -- 2 stages of Heat (wires on W and W2) and 2 stages of Cool (wires on Y and Y2).</p> <p>9 - Multistage Conventional Heating and Cooling -- 2 stages of heat (wires on W and W2) and 1 stage of Cool (wire on Y).</p> <p>10 - Multistage Conventional Heating and Cooling -- 1 stage of heat (wire on W) and 2 stages of Cool (wires on Y and Y2).</p>

Installer Setup Number	Installer Setup Name	(Select Your Setting) Settings
0190	Heat Pump Changeover Valve	<p>0 - Changeover Valve in Cooling -- Use this setting if you connected a wire labeled O to the O/B terminal.</p> <p>1 - Changeover Valve in Heating -- Use this setting if you connected a wire labeled B to the O/B terminal.</p>

Honeywell RTH9585WF Installation Manual is an essential guide for homeowners looking to install this advanced smart thermostat seamlessly. The Honeywell RTH9585WF is not only a high-performance device that offers energy-saving features, but it also boasts Wi-Fi connectivity, allowing users to control their heating and cooling systems remotely via a smartphone app. This article will provide a comprehensive overview of the installation process, troubleshooting tips, and useful features of the Honeywell RTH9585WF.

## Getting Started with the Honeywell RTH9585WF

Before diving into the installation process, it's crucial to understand what comes in the box and the prerequisites for installation.

### What's in the Box?

When you purchase the Honeywell RTH9585WF, you can expect to find:

1. The Honeywell RTH9585WF thermostat unit
2. A mounting plate
3. Screws and anchors for installation
4. A user manual (including the installation manual)
5. A wire label sticker
6. AA batteries (usually pre-installed)

## Tools Required

You will need the following tools for installation:

- A screwdriver (flathead and Phillips)
- A drill (if needed for wall anchors)
- A level
- A smartphone or tablet (for app setup)

## Before You Begin Installation

Before proceeding with the installation of your Honeywell RTH9585WF, ensure that you follow these steps:

### 1. Turn Off Power

Safety is paramount. Make sure to turn off the power to your HVAC system at the circuit breaker. This will prevent any electric shock or damage to the thermostat during installation.

### 2. Remove the Old Thermostat

Carefully take down your existing thermostat. Follow these steps:

- Remove the cover of the old thermostat.
- Take a picture of the wiring, or label each wire using the provided wire label stickers.
- Disconnect the wires from the old unit, ensuring you do not let them fall back into the wall.

### 3. Check Compatibility

The Honeywell RTH9585WF is compatible with most heating and cooling systems, but it's wise to double-check your system's compatibility. The following systems are typically supported:

- Conventional heating and cooling systems
- Heat pumps (with or without auxiliary heat)
- 24-volt systems
- Multi-stage systems (up to 2 stages of heating and 2 stages of cooling)

## Installation Process

Now that you are prepared, it's time to install your Honeywell RTH9585WF. Follow these steps

carefully.

## **1. Mount the New Thermostat**

- Use the mounting plate as a template to mark the screw holes on the wall.
- Drill holes if necessary and insert the wall anchors.
- Secure the mounting plate to the wall using screws.

## **2. Connect the Wires**

Using the picture you took or the labels you made earlier, connect the wires to the corresponding terminals on the thermostat. The typical connections are:

- R (Red wire) – Power
- Y (Yellow wire) – Cooling
- G (Green wire) – Fan
- W (White wire) – Heating
- C (Common wire) – Power (if applicable)

Make sure the connections are tight and secure.

## **3. Attach the Thermostat to the Mounting Plate**

Once the wires are connected, gently push them back into the wall and align the thermostat with the mounting plate. Push it into place until it clicks securely.

## **4. Insert Batteries**

If the thermostat has not been pre-installed with AA batteries, insert them now. This will ensure that your thermostat powers on and is ready for setup.

## **5. Turn On Power**

Return to the circuit breaker and turn on the power to your HVAC system. Your thermostat should light up, indicating that it is receiving power.

## **Initial Setup and Configuration**

After installation, you will need to configure your Honeywell RTH9585WF.

## **1. Connect to Wi-Fi**

- On the thermostat screen, select “Wi-Fi Setup” from the main menu.
- Follow the prompts to connect to your home Wi-Fi network. You will need your Wi-Fi password.

## **2. Download the Honeywell Home App**

- Download the Honeywell Home app from the App Store or Google Play.
- Create an account or log in if you already have one.
- Follow the prompts in the app to add your thermostat. This usually involves scanning a QR code displayed on your thermostat.

## **3. Program Your Thermostat**

Now that your thermostat is connected, you can set your preferred temperatures for different times of the day and days of the week. The Honeywell RTH9585WF features a user-friendly interface that allows you to customize your schedule easily.

## **Features of the Honeywell RTH9585WF**

The Honeywell RTH9585WF offers several advanced features that enhance its usability:

### **1. Touchscreen Display**

The large, vivid touchscreen display makes it easy to read and navigate through settings. It also includes a customizable home screen.

### **2. Energy Savings**

The thermostat can help you save on energy bills by learning your heating and cooling habits and adjusting settings accordingly. It also provides energy reports to help you understand your usage.

### **3. Remote Access**

With the Honeywell Home app, you can control your thermostat from anywhere. This means you can adjust settings even when you are not at home.

## 4. Smart Alerts

The Honeywell RTH9585WF can send alerts to your smartphone, notifying you of extreme temperature changes, filter replacement reminders, and more.

## 5. Voice Control

For added convenience, the thermostat can integrate with smart home systems like Amazon Alexa, Google Assistant, and Apple HomeKit, allowing for voice-activated control.

# Troubleshooting Common Issues

Even with a straightforward installation, you may encounter some issues. Here are some common troubleshooting tips:

## 1. Thermostat Not Powering On

- Ensure that the circuit breaker is turned on.
- Check that all wires are securely connected.
- Replace batteries if necessary.

## 2. Wi-Fi Connection Issues

- Ensure that you are within range of your Wi-Fi router.
- Restart the thermostat and try reconnecting.
- Check your Wi-Fi credentials for accuracy.

## 3. Incorrect Temperature Readings

- Ensure that the thermostat is not placed near drafts, windows, or heat sources.
- Calibrate the thermostat according to the instructions in the user manual.

## Conclusion

The Honeywell RTH9585WF Installation Manual provides a clear path for homeowners looking to install a modern thermostat that enhances energy efficiency and control over home temperature settings. By following the steps outlined in this article, you can successfully install your Honeywell RTH9585WF, configure its settings, and enjoy its advanced features. With its user-friendly app, smart

alerts, and voice control capabilities, this thermostat is a worthy investment for any modern home. Enjoy the comfort and convenience that comes with your new smart thermostat!

## Frequently Asked Questions

### Where can I find the Honeywell RTH9585WF installation manual?

The installation manual for the Honeywell RTH9585WF can be found on the official Honeywell website in the support section, or you can download it directly from the product page.

### What tools do I need for installing the Honeywell RTH9585WF?

You will typically need a screwdriver, a drill, a level, and possibly a wire stripper for the installation of the Honeywell RTH9585WF thermostat.

### Is professional installation required for the Honeywell RTH9585WF?

Professional installation is not required, but it is recommended if you are unfamiliar with electrical systems. The installation manual provides detailed instructions for DIY installation.

### What are the key steps in the installation process of the Honeywell RTH9585WF?

Key steps include turning off the power to your HVAC system, removing the old thermostat, wiring the new thermostat according to the manual, mounting it on the wall, and restoring power to the system.

### Does the installation manual provide troubleshooting tips for the Honeywell RTH9585WF?

Yes, the installation manual includes troubleshooting tips for common installation issues, such as wiring problems and connectivity issues with Wi-Fi.

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