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> Honeywell TH9320WF5003 Wi-Fi 9000 Color Touch Screen Programmable Thermostat User Manual

## Honeywell TH9320WF5003

# Honeywell TH9320WF5003 Wi-Fi 9000 Color Touch Screen Programmable Thermostat User Manual

Model: TH9320WF5003

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## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Honeywell TH9320WF5003 Wi-Fi 9000 Color Touch Screen Programmable Thermostat. This advanced thermostat allows you to manage your home's heating and cooling systems with ease, offering programmable schedules, remote access via the Total Connect Comfort app, and a customizable color touch screen display.

## 2. KEY FEATURES

- **Wi-Fi Connectivity:** Control your thermostat remotely using the Total Connect Comfort app on your smartphone or tablet.
- **Color Touch Screen Display:** Intuitive interface with customizable color themes for personalized aesthetics.
- **7-Day Programmable Scheduling:** Create custom heating and cooling schedules to optimize comfort and energy savings.
- **Energy Savings Mode:** Designed to help reduce energy consumption.
- **Outdoor Temperature and Humidity Display:** Provides real-time outdoor weather information directly on the thermostat screen.
- **Permanent and Temporary Hold Functions:** Easily override schedules for short or extended periods.
- **System Status Display:** Clearly indicates whether the system is heating, cooling, or idle.



*Image: The Honeywell TH9320WF5003 thermostat and its remote control capabilities across various devices, including a smartphone, tablet, and desktop computer.*

## 3. SETUP AND INSTALLATION

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### 3.1. Installation Requirements

The Honeywell TH9320WF5003 thermostat requires a **C-wire (common wire)** for power. If your existing thermostat wiring does not include a C-wire, professional installation may be required, or you may need to install a C-wire adapter (sold separately).

### 3.2. Wi-Fi Setup

To enable remote control and access advanced features, connect your thermostat to your home Wi-Fi network. Navigate to the **MENU** on the thermostat, then select **Wi-Fi Setup**. Follow the on-screen prompts to connect to your network. Once connected, download the Total Connect Comfort app from your device's app store and register your thermostat.



Image: The Total Connect Comfort app interface on a smartphone, showing various home control options including security, nursery, living room temperature, and kitchen sink status.

## 4. OPERATING INSTRUCTIONS

### 4.1. Basic Temperature Adjustment

From the home screen, tap the screen to activate it. Use the **Up** and **Down** arrows next to "SET TO" to adjust the desired temperature. The thermostat will display options to "Switch To Temporary Hold" or "Cancel Hold" if a schedule is active. Press "Done" to confirm your selection.

### 4.2. System Mode Selection

To change the system mode (Heat, Cool, Off, Emergency Heat), press the **SYSTEM** button on the top navigation bar. Select your desired mode from the options presented. Press "Done" to apply the changes.

### 4.3. Fan Settings

To adjust fan operation, press the **FAN** button on the top navigation bar. You can choose from:

- **On:** The fan runs continuously.
- **Automatic:** The fan runs only when the heating or cooling system is active.
- **Circulate:** The fan runs periodically to circulate air, even when heating/cooling is not active.

Press "Done" to save your fan setting.

## 4.4. Scheduling

The thermostat allows for 7-day programmable scheduling. To create or edit a schedule, press the **MENU** button, then select **Create / Edit Schedule**. Follow the on-screen instructions to set desired temperatures for different times of the day and days of the week. You can also **View Schedule Summary** from this menu.



*Image: The thermostat display showing menu options for "Create / Edit Schedule", "View Schedule Summary", "Weather", and "Color Themes".*

## 4.5. Customization and Preferences

Access various customization options by pressing the **MENU** button. Here you can:

- **Color Themes:** Change the display color scheme.
- **Vacation Mode:** Set specific temperatures for extended periods away from home.
- **Preferences:** Adjust various settings like temperature units (°F/°C), time format, and more.
- **Security Settings:** Configure access controls for the thermostat.
- **System Setup:** Advanced settings for HVAC system configuration.

## 5. MAINTENANCE

### 5.1. Cleaning the Screen

To clean the touch screen, navigate to the **MENU** and select **Clean Screen**. This will temporarily disable the touch functionality, allowing you to wipe the screen with a soft, damp cloth without accidentally changing settings. Do not use abrasive cleaners or sprays directly on the screen.

### 5.2. Equipment Status

You can check the operational status of your heating and cooling equipment by going to **MENU** and selecting **Equipment Status**.

This can help in diagnosing issues or ensuring proper function.

## 6. TROUBLESHOOTING

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If you encounter issues with your thermostat, consider the following common solutions:

- **No Power/Blank Screen:** Ensure the C-wire is properly connected and your HVAC system has power. Check circuit breakers.
- **Wi-Fi Connectivity Issues:** Verify your home Wi-Fi network is active. Re-attempt Wi-Fi setup from the thermostat's menu. Ensure the thermostat is within range of your Wi-Fi router.
- **Incorrect Temperature Readings:** Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources that could affect its sensor.
- **System Not Responding:** Check the system mode (Heat, Cool, Off) and fan settings. Ensure no temporary or permanent holds are active that might override your desired settings.
- **Scheduling Problems:** Review your schedule settings in the "Create / Edit Schedule" menu to ensure they are configured as intended.

For persistent issues, consult the full Honeywell support documentation or contact customer service.

## 7. SPECIFICATIONS

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<b>Model Name</b>	TH9320WF5003
<b>Controller Type</b>	Touchscreen
<b>Special Feature</b>	Programmable, Wi-Fi Connectivity
<b>Color</b>	White
<b>Specific Uses For Product</b>	Heat Pump, Conventional HVAC Systems
<b>Power Source</b>	Hardwired - Low Voltage (24v), Requires C-Wire
<b>Voltage</b>	24 Volts
<b>Display Type</b>	Color Touchscreen
<b>Control Method</b>	Touch
<b>Connectivity Protocol</b>	Wi-Fi
<b>Mounting Type</b>	Wall Mount
<b>Backlight</b>	Yes
<b>Smart Home Compatibility</b>	Smart Home Compatible
<b>Material Type</b>	Plastic
<b>Included Components</b>	Thermostat unit (3-pack)
<b>Manufacturer</b>	Honeywell

## 8. WARRANTY & SUPPORT

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## 8.1. Limited Warranty

This Honeywell TH9320WF5003 thermostat comes with an extended **Five-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use and service. For full terms and conditions, please refer to the warranty documentation included with your product or visit the official Honeywell support website.

## 8.2. Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Honeywell customer support. You can find contact information on the official Honeywell website or in the packaging materials.

