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> Honeywell TH6320WF1005 FocusPRO Universal Wi-Fi Thermostat User Manual

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Model: TH6320WF1005

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Honeywell TH6320WF1005 FocusPRO Universal Wi-Fi Thermostat. This thermostat offers advanced features including 7-day programming and remote access via Wi-Fi, allowing you to manage your home's heating and cooling system efficiently.

2. SAFETY INFORMATION

Always turn off power to the heating/cooling system at the circuit breaker or fuse box before installing or servicing the thermostat. Failure to do so could result in electrical shock or equipment damage. Installation should be performed by a qualified technician if you are unsure about any steps.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- Honeywell TH6320WF1005 FocusPRO Universal Wi-Fi Thermostat
- Mounting hardware (screws, wall anchors)
- User Guide (this document)

4. INSTALLATION

The TH6320WF1005 thermostat is designed for hardwired installations and requires a common wire (C-wire) for power. It is compatible with up to 3 Heat/2 Cool heat pump systems and 2 Heat/2 Cool conventional systems.

4.1 Wiring

1. **Turn off power:** Before beginning, turn off power to your heating and cooling system at the circuit breaker or fuse box.

2. **Remove old thermostat:** Carefully remove your old thermostat from the wall.
3. **Label wires:** Disconnect wires one by one, labeling each wire with the terminal designation from your old thermostat. Take a picture of the wiring for reference.
4. **Mount new thermostat base:** Attach the new thermostat's mounting plate to the wall using the provided screws and anchors.
5. **Connect wires:** Connect the labeled wires to the corresponding terminals on the new thermostat's mounting plate. Ensure the C-wire is connected.
6. **Attach thermostat body:** Secure the thermostat body to the mounting plate.
7. **Restore power:** Turn power back on at the circuit breaker.

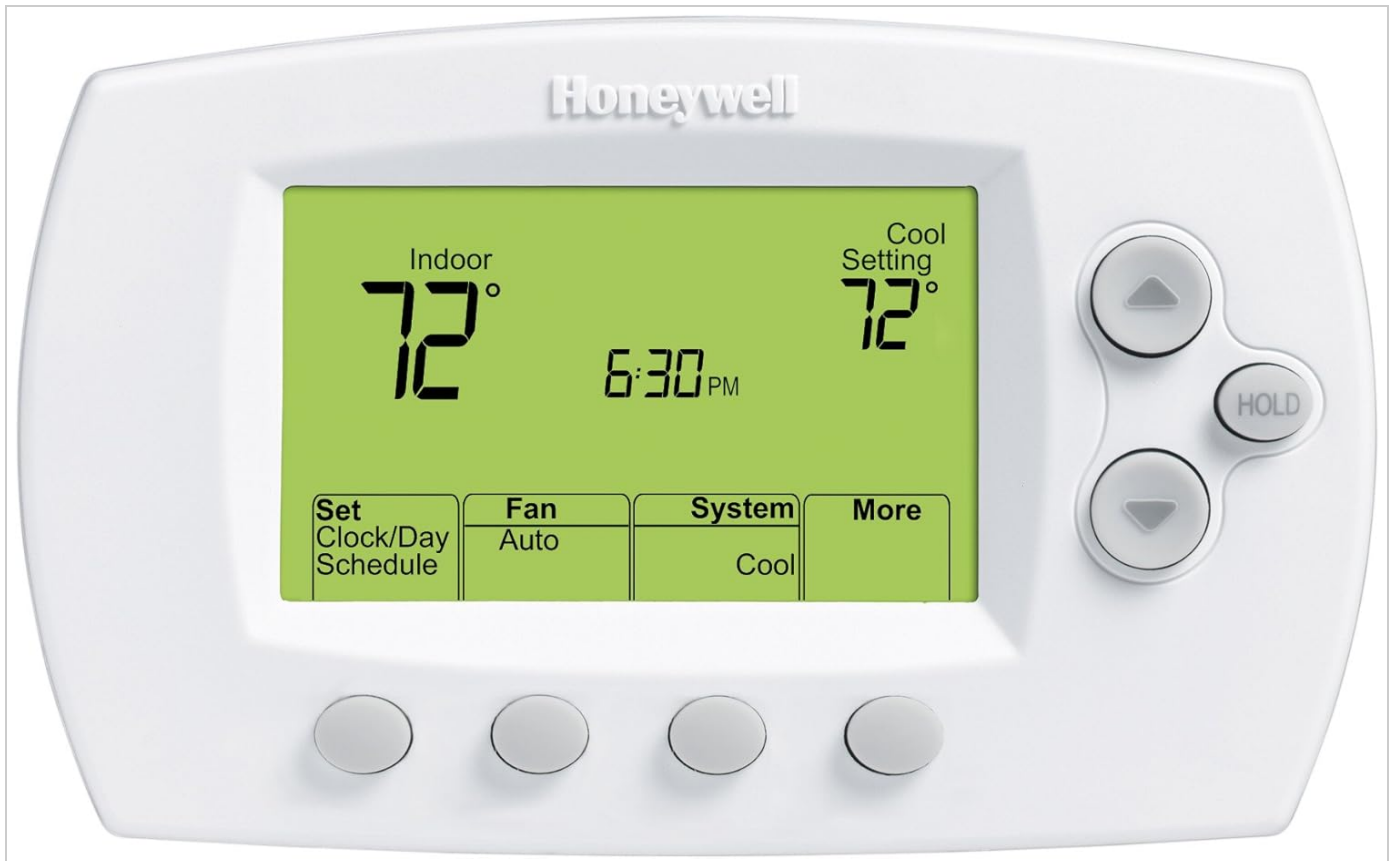


Figure 1: Front view of the Honeywell TH6320WF1005 FocusPRO Wi-Fi Thermostat. The large, backlit digital screen shows an indoor temperature of 72 degrees, a cool setting of 72 degrees, and the current time as 6:30 PM. Below the main display, touch-sensitive buttons are labeled 'Set Clock/Day Schedule', 'Fan Auto', 'System Cool', and 'More'. On the right side, up and down arrow buttons are visible for temperature adjustment, along with a 'HOLD' button.

5. INITIAL SETUP

5.1 Wi-Fi Connection

To enable remote access and advanced features, connect your thermostat to your home Wi-Fi network:

1. On the thermostat, navigate to the Wi-Fi setup menu. The thermostat will broadcast a temporary Wi-Fi network.
2. Using a smartphone or computer, connect to the thermostat's temporary Wi-Fi network (e.g., "NewThermostat_XXXXXX").
3. Open a web browser and follow the on-screen instructions to select your home Wi-Fi network and enter its password.
4. Once connected, register your thermostat with the Honeywell Total Connect Comfort Service via their website or mobile application. This service provides remote control and automatic updates.

5.2 Programming Schedule

The thermostat supports 7-day programmable scheduling. You can set different temperature schedules for each day of the week

to optimize comfort and energy savings. Refer to the on-screen prompts or the Honeywell Total Connect Comfort app for detailed programming steps.

6. OPERATION

6.1 Basic Controls

- **Temperature Adjustment:** Use the **Up** and **Down** arrow buttons on the right side of the thermostat to adjust the desired temperature setting.
- **System Mode:** Press the **System** button to cycle through available modes: Heat, Cool, Off, Auto, Em Heat (Emergency Heat, if applicable).
- **Fan Mode:** Press the **Fan** button to select fan operation: Auto (fan runs only when heating/cooling), On (fan runs continuously).

6.2 Hold Function

Press the **HOLD** button to temporarily or permanently override the programmed schedule. The thermostat will maintain the current temperature setting until the hold is canceled or a specified duration expires.

6.3 Remote Access

Once connected to Wi-Fi and registered with the Total Connect Comfort Service, you can control your thermostat remotely using the dedicated mobile app or a web browser. This allows you to adjust settings, view temperatures, and manage schedules from anywhere.

6.4 Adaptive Control

The thermostat features adaptive control, which learns how long it takes your system to reach desired temperatures. Instead of simply starting at a set time, it will begin heating or cooling earlier to ensure your home reaches the programmed temperature by the scheduled time.

7. MAINTENANCE

- **Cleaning:** Clean the thermostat's exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Power:** This thermostat is hardwired and does not rely on batteries for primary operation. Settings are retained during power outages.
- **Software Updates:** The thermostat receives automatic software updates via Wi-Fi when connected to the Honeywell Total Connect Comfort Service.

8. TROUBLESHOOTING

Issue	Possible Cause	Solution
Thermostat has no power/blank screen.	No power from HVAC system; C-wire not connected or faulty.	Check circuit breaker. Ensure C-wire is properly connected. Consult an HVAC technician if issues persist.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password; weak signal; router issues.	Verify Wi-Fi password. Move thermostat closer to router if possible. Restart router. Ensure 2.4 GHz network is used.
System not heating/cooling as expected.	Incorrect system mode; schedule override; HVAC system malfunction.	Check system mode (Heat/Cool/Auto). Verify schedule or cancel any active "Hold". Ensure HVAC system is operational.

Issue	Possible Cause	Solution
Remote access not working.	No internet connection; thermostat not registered; app issues.	Check home internet connection. Confirm thermostat is registered with Total Connect Comfort. Reinstall mobile app if necessary.

9. SPECIFICATIONS

- **Model:** TH6320WF1005
- **Brand:** Honeywell
- **Connectivity:** Wi-Fi
- **Power Source:** Hardwired (24 Volts, requires C-wire)
- **System Compatibility:** Up to 3 Heat/2 Cool heat pumps; 2 Heat/2 Cool conventional systems
- **Programmability:** 7-Day
- **Display:** Large, Clear, Backlit Digital Display
- **Dimensions:** Approximately 6.1 x 4.1 x 2.6 inches
- **Weight:** Approximately 10.4 ounces
- **Special Features:** Auto Changeover, Voice Control (via Amazon Alexa, device sold separately)

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Honeywell website or contact Honeywell customer service. Keep your purchase receipt as proof of purchase.

