

## Honeywell FocusPRO 5000

# Honeywell FocusPRO 5000 1H/1C Digital Thermostat User Manual

Model: FocusPRO 5000 (TH5110D1022)

## 1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Honeywell FocusPRO 5000 1H/1C Digital Thermostat. This non-programmable thermostat is designed to provide reliable and precise comfort control for your heating and cooling system. It features a clear digital display and intuitive push-button controls for ease of use.

## 2. PRODUCT FEATURES

- **Non-Programmable Operation:** Simple, straightforward temperature control without scheduling.
- **Digital Display:** Large, easy-to-read backlit screen shows current temperature and settings.
- **Precise Comfort Control:** Maintains consistent comfort levels with high accuracy.
- **Soft-Key Controls:** User-friendly buttons for adjusting temperature and system settings.
- **System Compatibility:** Compatible with 1 Heat/1 Cool conventional and heat pump systems.

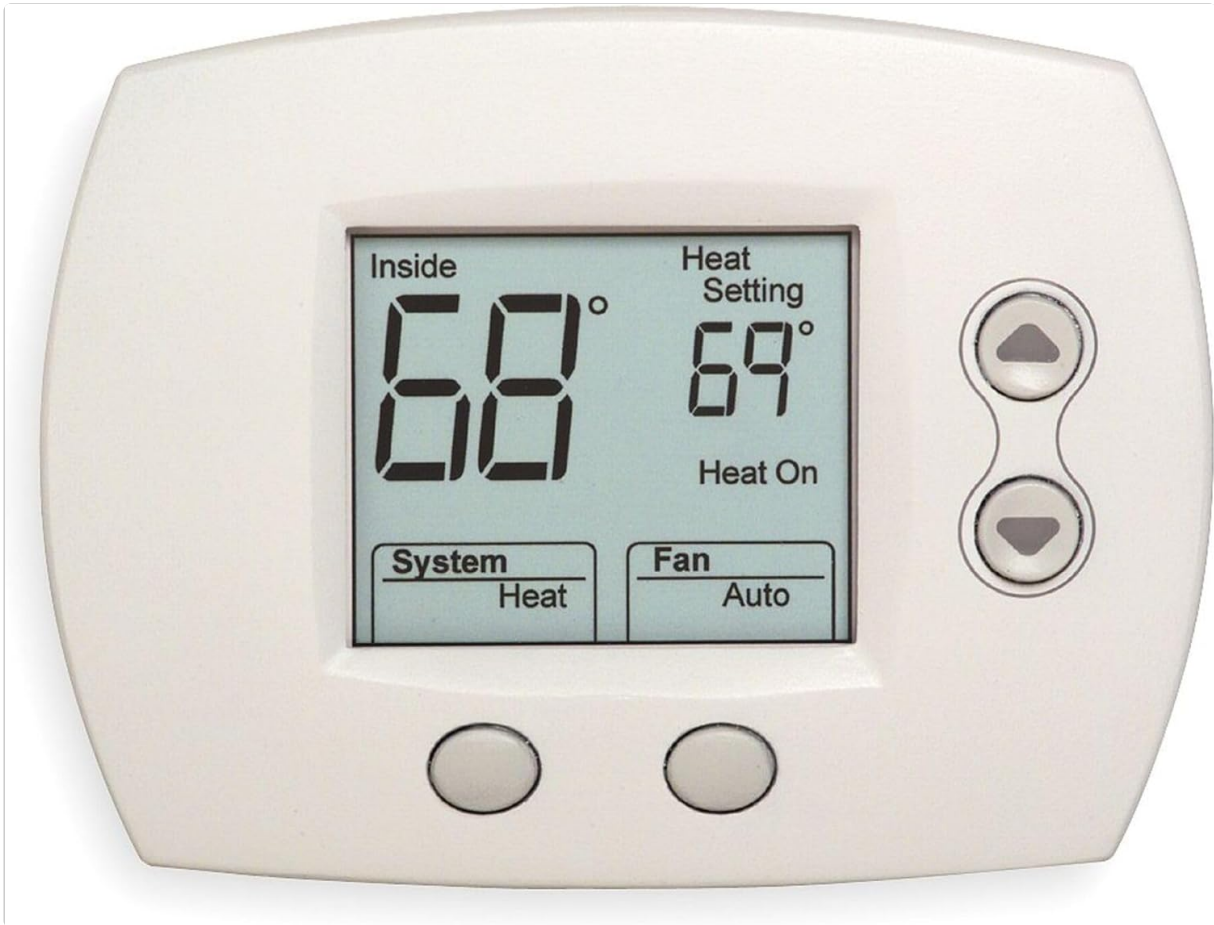
## 3. INSTALLATION

Installation of the Honeywell FocusPRO 5000 thermostat typically involves wiring to a 24-volt HVAC system. Due to the nature of HVAC systems and electrical connections, professional installation by a licensed HVAC technician is highly recommended to ensure proper function and to maintain any applicable warranties. Incorrect installation can damage the thermostat or your HVAC system.

### General Installation Steps (Professional Recommended):

1. **Power Off:** Turn off power to your heating/cooling system at the circuit breaker or fuse box.
2. **Remove Old Thermostat:** Carefully remove the old thermostat from the wall. Note and label the wires connected to each terminal.
3. **Mount Thermostat Base:** Secure the new thermostat's mounting plate to the wall using the provided hardware.

4. **Connect Wires:** Connect the labeled wires to the corresponding terminals on the new thermostat base. Refer to the wiring diagram provided with the product packaging for specific connections. This thermostat operates on 24 Volts AC/DC power.
5. **Attach Thermostat Body:** Mount the thermostat body onto the base.
6. **Restore Power:** Turn on power to your heating/cooling system.



*This image displays the front of the Honeywell FocusPRO 5000 Digital Thermostat. The large digital screen shows the current inside temperature (68 degrees Fahrenheit) and the heat setting (69 degrees Fahrenheit), with 'Heat On' indicating active heating. Below the temperature readings, the system mode is set to 'Heat' and the fan mode to 'Auto'. On the right side of the display are up and down arrow buttons for adjusting settings. Two smaller circular buttons are located at the bottom center of the thermostat.*

## 4. SETUP AND CONFIGURATION

After installation and restoring power, the thermostat will power on. No complex programming is required for this non-programmable model. You will primarily interact with the system and fan mode settings, and the temperature adjustment buttons.

### Initial Settings:

- **System Mode:** Use the 'System' button (or corresponding soft-key) to cycle through available modes: **Heat**, **Cool**, and **Off**. Select the desired operating mode for your HVAC system.
- **Fan Mode:** Use the 'Fan' button (or corresponding soft-key) to select between **Auto** and **On**. In 'Auto' mode, the fan runs only when the heating or cooling system is active. In 'On' mode, the fan runs continuously.

## 5. OPERATION

Operating your FocusPRO 5000 thermostat is straightforward. The large digital display shows the current room temperature and your desired temperature setting.

## Adjusting Temperature:

- To increase the temperature setting, press the **Up Arrow** button located on the right side of the thermostat.
- To decrease the temperature setting, press the **Down Arrow** button located on the right side of the thermostat.
- The display will show the 'Heat Setting' or 'Cool Setting' as you adjust it. The system will then work to reach and maintain this set temperature.

## System and Fan Control:

- The bottom left button typically controls the **System Mode** (Heat, Cool, Off).
- The bottom right button typically controls the **Fan Mode** (Auto, On).

## 6. MAINTENANCE

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The Honeywell FocusPRO 5000 thermostat requires minimal maintenance to ensure optimal performance.

- **Cleaning:** Periodically wipe the thermostat's exterior with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- **Airflow:** Ensure that the thermostat's vents (if any) are not obstructed by dust or debris, as this can affect temperature sensing accuracy.
- **Power Source:** This thermostat is powered by your HVAC system (24 Volts AC/DC) and does not require batteries. Ensure continuous power supply to the HVAC system for thermostat operation.

## 7. TROUBLESHOOTING

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If you experience issues with your thermostat, refer to the following common troubleshooting steps:

- **No Display/No Power:** Check the circuit breaker for your HVAC system. Ensure the system is receiving 24-volt power. Verify all wiring connections are secure.
- **System Not Responding:** Confirm the thermostat is set to the correct system mode (Heat or Cool) and the temperature setting is above (for heat) or below (for cool) the current room temperature.
- **Inaccurate Temperature Reading:** Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources (e.g., lamps, appliances) that could affect its sensor.
- **Fan Not Operating:** Check the fan mode setting. If set to 'Auto', the fan will only run when heating or cooling is active. Set to 'On' for continuous fan operation.

If problems persist, contact a qualified HVAC technician for assistance.

## 8. SPECIFICATIONS

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- **Model Name:** FocusPRO 5000
- **Part Number:** TH5110D1022
- **Brand:** Honeywell (Manufactured by Resideo)
- **Product Dimensions:** 9"D x 5"W x 5"H
- **Controller Type:** Push Button
- **Special Feature:** Non-Programmable (as per product description)
- **Color:** White
- **Specific Uses For Product:** HVAC Control
- **Temperature Control Type:** Digital
- **Power Source:** AC/DC (24 Volts)

- **Display Type:** Digital
- **Control Type:** Button Control
- **Mounting Type:** Wall Mount
- **Backlight:** Yes
- **Item Weight:** 10.8 ounces
- **UPC:** 784497921658

## 9. WARRANTY AND SUPPORT

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The warranty for the Honeywell FocusPRO 5000 thermostat may vary depending on the point of purchase and installation method. Some models, particularly those intended for commercial distribution, may have warranties that are honored only when installed by a licensed HVAC professional. It is crucial to retain your proof of purchase and installation records.

For specific warranty details, technical support, or to locate a professional installer, please refer to the documentation included with your product or visit the official Honeywell/Resideo support website. You can often find support resources by searching for your model number (TH5110D1022) on the manufacturer's website.

**Important Note:** If you purchased this product for self-installation, be aware that some manufacturer warranties may not cover issues arising from non-professional installation. Always consult the official warranty statement.