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## Honeywell TH6320ZW2007/U

# Honeywell Home TH6320ZW2007/U Z-Wave T6 Pro Programmable Touchscreen Thermostat User Manual

Model: TH6320ZW2007/U | Brand: Honeywell

## INTRODUCTION

The Honeywell Home T6 Pro Z-Wave Thermostat offers a simple, familiar, and intuitive solution for managing your home's climate. Designed to integrate seamlessly with any Z-Wave-compatible controller, hub, or gateway, this thermostat provides reliable temperature control and energy savings. Its large, nearly 7-inch touchscreen display ensures ease of use, while Z-Wave Plus certification guarantees improved range, battery life, and bandwidth. The device can be powered by 3 AA batteries or hardwired via a C-wire, offering flexible installation options. This manual provides essential information for setting up, operating, and maintaining your T6 Pro Z-Wave Thermostat.

## KEY FEATURES

- Time-based 7-day, 5-1-1, or 5-2 day programmable options, non-programmable, or occupancy controlled with Z-Wave panel/app integration.
- Supports up to 3 Heat/2 Cool Heat Pump systems or up to 2 Heat/2 Cool Conventional systems.
- Z-Wave Plus certified for enhanced range, battery life, and bandwidth.
- Features backwards compatibility, selectable range stops, keypad lockout, and Daylight Saving Time (DST) enabled.
- Large touchscreen display for easy interaction.

## WHAT'S INCLUDED

Your Honeywell Home T6 Pro Z-Wave Thermostat package includes the following components:

- T6 PRO Z-Wave Thermostat unit
- UWP mounting system
- Cover plate
- Mounting hardware
- Literature (User Manual, Installation Guide, etc.)



Image: The Honeywell Home T6 Pro Z-Wave Thermostat, showing its white casing and digital touchscreen display.

## SETUP

### Installation Overview

Installation of the T6 Pro Z-Wave Thermostat involves mounting the UWP system, connecting wiring, and attaching the thermostat unit. It is recommended to consult a qualified HVAC professional if you are unsure about any steps. Ensure power to your HVAC system is turned off at the circuit breaker before beginning installation.

1. **Power Requirements:** The thermostat can be powered by 3 AA batteries or hardwired through a C-wire. A C-wire connection is recommended for consistent power and Z-Wave communication.
2. **Mounting:** The UWP (Universal Wiring Plate) mounting system simplifies installation. Wires from your HVAC system connect to the UWP, and the thermostat unit then snaps onto the UWP.
3. **Wiring:** Carefully label and disconnect wires from your old thermostat. Connect them to the corresponding terminals on the T6 Pro Z-Wave UWP. Refer to the detailed wiring diagrams in the included literature for specific system types (e.g., conventional, heat pump).
4. **Initial Configuration:** After installation and power restoration, the thermostat will guide you through initial setup, including system type, date, and time settings.

## OPERATING

### Basic Operation

- **Adjusting Temperature:** Use the '+' and '-' buttons on the touchscreen to increase or decrease the desired temperature setting.
- **Changing Modes:** Press the 'Mode' button to cycle through available system modes: Heat, Cool, Auto, Off, or Em Heat (Emergency Heat, if applicable).
- **Fan Settings:** Press the 'Fan' button to select fan operation: Auto (fan runs only when heating/cooling is active) or On (fan runs continuously).
- **Menu Access:** Press the 'Menu' button to access advanced settings, programming options, and system information.

### Programming Schedules

The T6 Pro Z-Wave Thermostat supports various programming options to optimize comfort and energy efficiency:

- **Programmable Schedules:** Choose from 7-day, 5-1-1 (weekday/Saturday/Sunday), or 5-2 day (weekday/weekend) programming. This allows you to set different temperature schedules for various times of the day and week.
- **Non-Programmable:** Operate the thermostat manually without a set schedule.
- **Z-Wave Integration:** When connected to a Z-Wave compatible hub, you can control and program the thermostat remotely via your smart home application, enabling advanced automation and occupancy-based control.

## MAINTENANCE

- **Battery Replacement:** If using battery power, replace the 3 AA batteries when the low battery indicator appears on the display. Ensure to use fresh alkaline batteries.
- **Cleaning:** Clean the thermostat's touchscreen and casing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surface.
- **Firmware Updates:** For Z-Wave connected systems, check your Z-Wave hub's documentation for information on potential firmware updates for the thermostat, which can improve performance and add features.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat display is blank.	No power (batteries dead or C-wire issue).	Replace batteries or check C-wire connection and circuit breaker.
HVAC system not responding.	Incorrect wiring, system mode, or Z-Wave communication issue.	Verify wiring, ensure correct mode (Heat/Cool/Auto), check Z-Wave network status.
Temperature readings seem inaccurate.	Thermostat location, drafts, or internal sensor issue.	Ensure thermostat is not in direct sunlight or near heat sources/drafts. Consult support if issue persists.
Cannot connect to Z-Wave network.	Out of range, interference, or incorrect pairing procedure.	Move thermostat closer to hub, check for interference, follow Z-Wave pairing instructions carefully.

## SPECIFICATIONS

Attribute	Detail
Brand	Honeywell
Model Name	T6 Pro
Model Number	TH6320ZW2007/U
Controller Type	Z-Wave, smartphone app
Color	White
Temperature Control Type	Programmable, Smart/Remote
Connectivity Technology	Z-Wave
Power Source	Battery Powered (3 AA batteries required), Hardwired (C-wire)
Item Weight	1.6 ounces
Voltage	24 Volts
Product Dimensions	4.09 x 4.09 x 1.06 inches
Display Type	Touchscreen
Screen Size	7 Inches (approximate diagonal)

Attribute	Detail
Mounting Type	Wall Mount
UPC	194159007819

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Honeywell Home website or the contact details provided in the literature included with your product. Keep your purchase receipt as proof of purchase for warranty claims. Online resources, FAQs, and customer service contact information are typically available through the manufacturer's support channels.