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WINTEMP WT-WM36 Plus

WINTEMP 36kW Tankless Water Heater Electric 240V

Model: WT-WM36 Plus Instruction Manual

1. Important Safety Information

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage, personal injury, or death. This appliance must be installed by a qualified electrician and plumber in accordance with all local and national electrical and plumbing codes.

- **Electrical Requirements:** The WT-WM36 Plus model is rated at 36kW (240V) with a maximum current of 150A. It requires 4 x 40 Amp double-pole breakers and 4 sets of 8 AWG wiring for installation.
- **Water Connections:** This unit requires 3/4" NPT water connections.
- **Safety Features:** The product incorporates multiple safety protections including leakage protection, overheat protection, and dry-fire protection. It is ETL certified to ensure user safety.
- **Professional Installation:** Always consult a qualified electrician and plumber before purchasing and installing this unit to ensure compatibility with your home's infrastructure.



Figure 1.1: Electrical Requirements. This image illustrates the electrical connections for the WINTEMP 36kW tankless water heater, showing the need for 4 x 40A double-pole breakers and 8 AWG wiring, along with the internal wiring layout and ground wire connection.



Figure 1.2: Comprehensive Safety Protection. This image highlights the safety features of the WINTEMP tankless water heater, including ETL certification, leakage protection, over-temperature protection, water-electricity separation, and scale resistance.

2. Package Contents

Carefully unpack the water heater and inspect for any shipping damage. Ensure all components listed below are present.



Figure 2.1: Package List. This image displays the contents included with the WINTEMP 36kW Electric Tankless Water Heater, such as the unit itself, operation and installation manual, positioning template, quick start guide, inlet filter screen, NPT rubber gaskets, plastic wall anchors, mounting screws, and sleeve anchors.

- 1x WINTEMP 36kW Electric Tankless Water Heater
- 1x Operation & Installation Manual
- 1x Positioning Template
- 2x Quick Start Guide
- 1x Inlet Filter Screen
- 2x 3/4" NPT Rubber Gaskets
- 2x Plastic Wall Anchors
- 2x Mounting Screws
- 2x Sleeve Anchor

Video 2.1: WINTEMP Tankless Water Heater Electric 36kW Unboxing. This video demonstrates the unboxing process for the WINTEMP 36kW Electric Tankless Water Heater, showing how the unit is packaged and the initial components

included.

3. Specifications

The following table outlines the technical specifications for the WINTEMP WT-WM36 Plus Tankless Water Heater:

Feature	Specification
Brand	WINTEMP
Model Number	WT-WM36 Plus
Wattage	36000 watts (36 kW)
Voltage	240 Volts
Maximum Amperage Draw	150A
Breakers Required	4 x 40 Amp Double-Pole
Wiring Required	4 sets of 8 AWG
Flow Rate	Up to 8.7 Gallons Per Minute (GPM)
Maximum Temperature	140 Degrees Fahrenheit
Minimum Temperature	86 Degrees Fahrenheit
Product Dimensions (H x W x D)	19.4" x 13.7" x 4.6"
Weight	38 Pounds
Mount Type	Wall
Material Type	Metal
Special Features	LED Display, Self-Modulating, Smart Home & Tuya Smart Compatible, Temperature Lock, WiFi
Certifications	ETL Certified

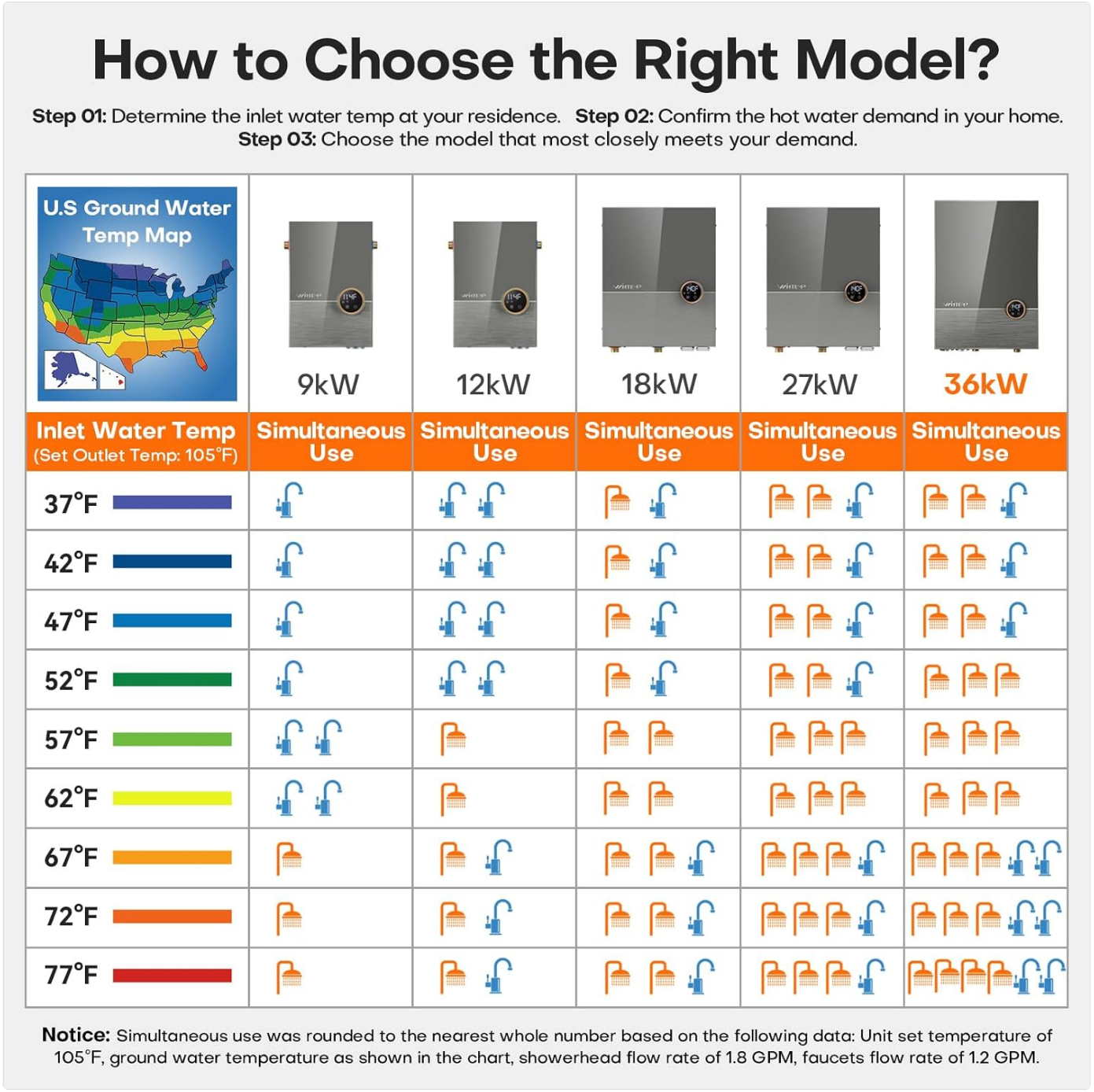


Figure 3.1: Model Selection Guide. This chart assists in selecting the appropriate tankless water heater model based on U.S. ground water temperature and simultaneous hot water demand (e.g., number of showers or sinks).

4. Installation

Installation must be performed by a licensed professional. Ensure all local and national codes are met.

4.1 Electrical Installation

- Verify your electrical panel can support the required 4 x 40 Amp double-pole breakers and 4 sets of 8 AWG wiring.
- Connect the unit to a dedicated 240V circuit.
- Ensure proper grounding as per electrical codes.

4.2 Plumbing Installation

- Install the unit vertically on a wall using the provided mounting hardware.
- Connect the 3/4" NPT water inlet and outlet lines.

- Ensure the inlet filter screen is properly installed to prevent sediment buildup.
- Flush the water lines thoroughly before connecting to the unit to remove any debris.

Video 4.1: WINTEMP Tankless Water Heater 36kW Installation & Operation. This video provides a detailed guide on the installation and initial operation of the WINTEMP 36kW tankless water heater, covering electrical and plumbing connections.

5. Setup and Operation

After successful installation, follow these steps for initial setup and daily operation.

5.1 Initial Setup

1. Ensure all water connections are secure and leak-free.
2. Open a hot water faucet to allow water to flow through the unit, purging any air from the system.
3. Turn on the electrical breakers to power the unit.

5.2 Temperature Control

- The unit features a digital temperature display and an LED touch dial control.
- Adjust the desired water temperature between 86°F and 140°F using the controls.
- The advanced flow control technology automatically maintains the set water temperature, even if hot water demand exceeds capacity by slightly reducing flow.



Figure 5.1: Innovative Technology LED Touch Dial Control. This image shows the user interface of the WINTEMP tankless water heater, featuring a digital LED display and a touch dial for temperature adjustment and control.

5.3 WiFi Control

- The unit supports remote control via a mobile application (compatible with Smart Home and Tuya Smart platforms).
- Download the appropriate app and follow the in-app instructions to connect your water heater to your home WiFi network.
- Through the app, you can remotely adjust the water temperature, monitor real-time water flow, and track water and electricity usage.



Figure 5.2: Wi-Fi App Monitoring. This image demonstrates the mobile application interface for the WINTEMP tankless water heater, allowing users to smart control and monitor electricity and water consumption remotely.

6. Maintenance

The WINTEMP tankless water heater is designed for low maintenance. The water-electricity separation design helps prevent scale buildup and corrosion, contributing to long-term efficiency.

- **Regular Inspection:** Periodically check for any visible leaks around the connections.
- **Inlet Filter Screen:** Inspect and clean the inlet filter screen annually or as needed, especially in areas with hard water, to ensure optimal water flow and prevent sediment from entering the unit.
- **Exterior Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

7. Troubleshooting

If you encounter issues with your WINTEMP tankless water heater, refer to the following basic troubleshooting steps. For

complex problems, contact customer support.

- **No Hot Water:** Check if the circuit breakers are tripped. Ensure the water supply is on and the unit is powered. Verify the temperature setting is above the inlet water temperature.
- **Inconsistent Water Temperature:** Ensure the water flow rate is within the unit's capacity. Check for proper electrical connections and adequate power supply.
- **Error Codes:** If an error code appears on the display, consult the full operation manual for specific code meanings and solutions.
- **Low Water Pressure:** Check the inlet filter screen for clogs and clean if necessary. Ensure no other plumbing issues are affecting water pressure.

8. Warranty and Support

WINTEMP provides a 2-year return and exchange warranty for this product. For technical assistance, warranty claims, or any questions not covered in this manual, please contact WINTEMP customer support.

Refer to the contact information provided in your Quick Start Guide or visit the official WINTEMP website for support details.

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