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## WINTEMP WN08 (8kW)

# WINTEMP WN08 (8kW) Electric Tankless Water Heater User Manual

Model: WN08 (8kW) | Brand: WINTEMP

### PRODUCT OVERVIEW

The WINTEMP WN08 (8kW) Electric Tankless Water Heater is designed to provide instant, on-demand hot water, eliminating the need for a traditional storage tank. This unit features an LED temperature display for precise control, self-modulating technology for energy efficiency, and a compact, space-saving design. It is ideal for single usage points such as bathroom faucets and sinks, offering a continuous supply of hot water without temperature fluctuations.



Figure 1: Front view of the WINTEMP WN08 Tankless Water Heater, showcasing its sleek gray design and digital display.

## IMPORTANT SAFETY INFORMATION

Safety is a top priority for WINTEMP products. This appliance is equipped with multiple protection features to ensure safe operation.

Always adhere to local electrical and plumbing codes during installation and use. Professional installation is highly recommended.

- **Leakage Protection:** Designed to prevent electrical hazards from water leaks.
- **Overheat Protection:** Automatically shuts off if water temperature exceeds safe limits.
- **Dry-Fire Protection:** Prevents the heating element from activating without water flow.
- **Corrosion Proof Parts:** Ensures durability and longevity of internal components.
- **Child Safety Lock:** Prevents accidental temperature changes.



Figure 2: Visual representation of the WINTEMP water heater's integrated safety features, including protection against high temperature, dry heating, electric leakage, and corrosion, along with a child safety lock.

## SPECIFICATIONS

Feature	Specification
Brand	WINTEMP
Model Number	WN08 (8kW)
Product Dimensions	9.7"W x 14"H x 3.4"D
Color	Gray
Wattage	8 KW
Voltage	240 Volts (AC)
Maximum Amperage	33A
Required Breakers	1 x 40 Amp Double Pole (DP) breaker
Required Wiring	8# AWG wiring with ground
Water Connection	1/2" NPT
Maximum Flow Rate	0.8 to 1.9 Gallons Per Minute (GPM)
Temperature Range	86°F to 140°F
Efficiency	Up to 99% energy savings
Mounting Type	Wall-mounted

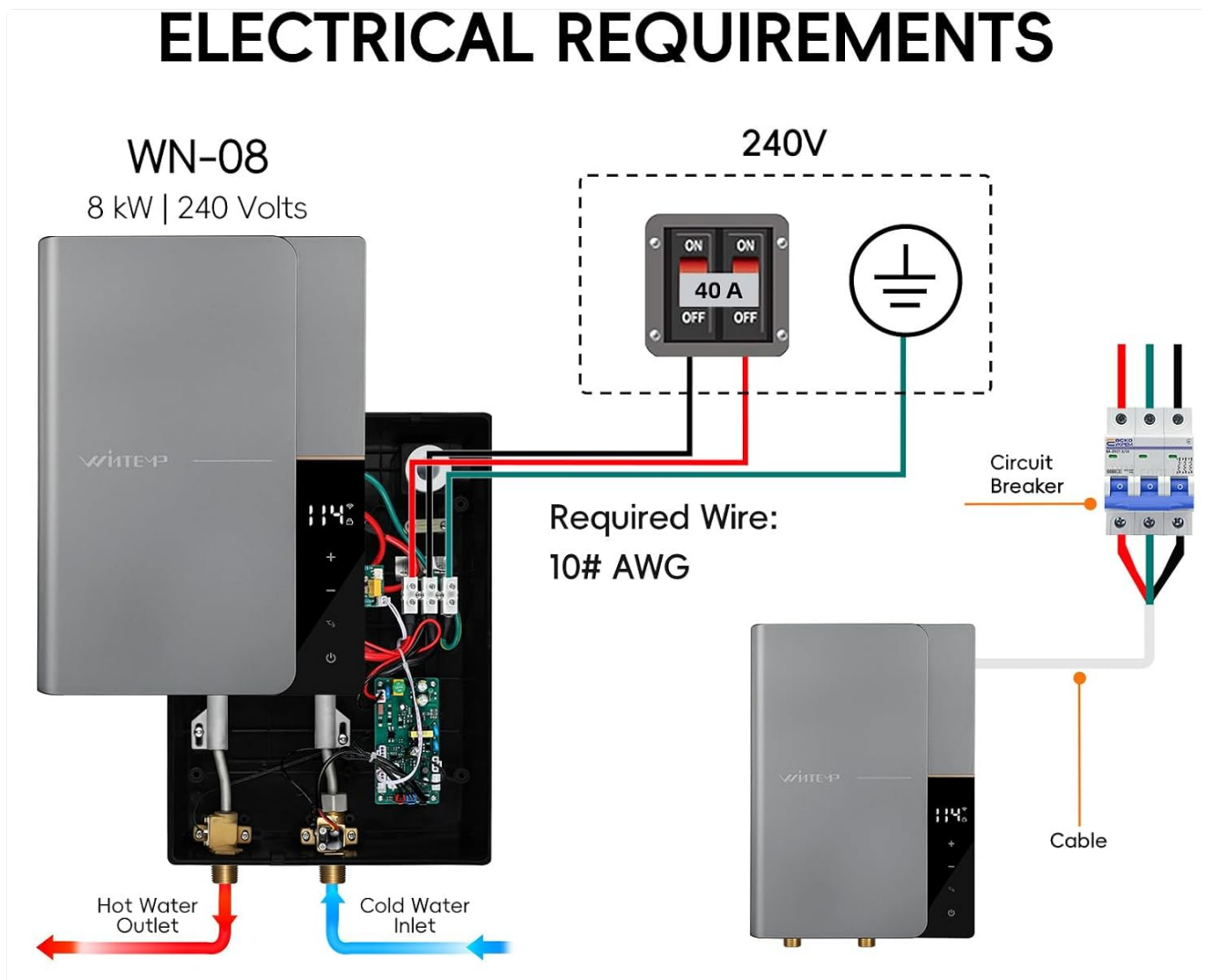
## SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your WINTEMP tankless water heater. It is strongly recommended that installation be performed by a qualified electrician and plumber in accordance with all local and national electrical and plumbing codes.

## Electrical Requirements

Before installation, ensure your electrical system can support the unit's requirements:

- **Power Rating:** 8KW - 240 Volts
- **Maximum Amperage:** 33A
- **Circuit Breakers:** Requires 1 x 40 Amp Double Pole (DP) breaker.
- **Wiring:** Requires 8# AWG wiring with ground.



Professional installation recommended. Consult an electrician prior to purchase.

- ▶ 33 Amp Max Draw
- ▶ 1 x 40 Amp Double Pole Breakers Required

In order to install a WN-08 you must have enough room in your breaker panel to dedicate one 40Amp double pole breaker solely to the unit.

Figure 3: Diagram illustrating the electrical requirements for the WN08 model, including wiring and circuit breaker specifications. Professional consultation is advised.

## Installation Steps

Follow these general steps for installation. Refer to the detailed instructions provided in the product packaging for specific diagrams and safety warnings.

1. **Unpack and Inspect:** Carefully remove the water heater from its packaging and inspect for any shipping damage. Ensure all

components listed in the package contents are present.

# PACKAGE CONTENTS



Figure 4: Contents of the WINTEMP 8KW Electric Tankless Water Heater package, including the unit, instruction manual, WiFi connection instructions, wall anchors, screws, filters, and waterproof gaskets.

- Select Location:** Choose a suitable indoor location near the point of use, ensuring it is protected from freezing temperatures and has adequate space for maintenance. The unit is wall-mounted.
- Mounting:** Use the provided template to mark and drill holes for mounting the unit securely to the wall.

# WINTEMP 8KW ELECTRIC TANKLESS WATER HEATER



Endless  
Hot Water



Safe  
to Use



Save  
Energy



Saves  
Money



24 Hours  
Standby

Figure 5: The WINTEMP 8KW Electric Tankless Water Heater installed above a kitchen sink, demonstrating its compact and space-saving design.

- 4. Plumbing Connections:** Connect the cold water inlet (blue) and hot water outlet (red) to the unit using 1/2" NPT connections. Ensure all connections are tight and leak-free. An optional pressure relief valve can be installed on the hot water outlet.



Figure 6: Close-up of the water inlet and outlet connections, highlighting the brass material for corrosion resistance and the inlet filter screen design for water quality protection.

- 5. Electrical Wiring:** Connect the electrical wiring to the unit's terminal block. Ensure proper grounding and secure all connections. Double-check that the correct amperage and wire gauge are used as specified in the electrical requirements.
- 6. Water Flow Test:** Before applying power, open the hot water faucet to allow water to flow through the unit and purge any air from the system. Close the faucet once water flows steadily.
- 7. Power On:** Turn on the circuit breaker to supply power to the unit.

## Installation Video Guide

Your browser does not support the video tag.

Video 1: An official installation and operation guide for the WINTEMP tankless water heater, demonstrating key steps for setup and initial use. This video is provided by the seller.

## OPERATING INSTRUCTIONS

Your WINTEMP tankless water heater is designed for user-friendly operation with its intuitive LED display and touch controls.

### Temperature Control

- The digital LED display shows the current water temperature.
- Use the + and - buttons to adjust the desired temperature within the range of 86°F to 140°F.
- The unit features self-modulating technology, which automatically adjusts energy consumption based on incoming water temperature and flow rate to maintain a stable output temperature. This ensures maximum efficiency and optimal power usage.



Figure 7: Overview of the WINTEMP water heater's features, including controllable temperature range (86°F-140°F), energy savings, 24-hour endless hot water, and high energy efficiency (99.8%).

## Energy Efficiency

The self-regulating technology ensures that the heater only consumes energy when hot water is needed. When water flow decreases, the system reduces power usage, and when not in use, it consumes no energy, contributing to significant energy savings.


## MAINTENANCE

The WINTEMP tankless water heater is designed for minimal maintenance. However, regular checks can help ensure its longevity and optimal performance.

- **External Cleaning:** Periodically wipe the exterior of the unit with a soft, damp cloth to remove dust and grime. Do not use abrasive cleaners or solvents.
- **Check Connections:** Annually inspect all water and electrical connections for any signs of leaks or loose wiring. Tighten if necessary.
- **Inlet Filter Screen:** The unit includes an inlet filter screen. Periodically check and clean this filter to prevent sediment buildup, especially if you have hard water. Turn off water supply and power before cleaning.
- **Winterization (if applicable):** If the unit is installed in an unheated area subject to freezing temperatures, ensure proper winterization procedures are followed to prevent damage from frozen water. Consult a professional if unsure.

## TROUBLESHOOTING

If you encounter issues with your WINTEMP tankless water heater, refer to the following common troubleshooting steps. For persistent problems, contact customer support.

Problem	Possible Cause	Solution
No hot water / Unit not turning on	No power; Water flow too low; Overheat protection activated; Inlet filter clogged.	Check circuit breaker. Ensure sufficient water flow (min 0.8 GPM). Turn off power, wait 10 minutes, then restart. Clean inlet filter.
Water not hot enough	Temperature setting too low; Incoming water temperature too cold; Flow rate too high for unit capacity.	Increase temperature setting on the LED display. Reduce water flow at the faucet. Refer to the Ground Water Temperature Map to ensure the unit's capacity is suitable for your region's inlet water temperature. 
Low water pressure	Clogged inlet filter; Kinked water lines.	Clean the inlet filter. Check water lines for obstructions or kinks.
Error code on display	Internal fault or specific issue.	Consult the detailed troubleshooting section in the full instruction manual for specific error code meanings and solutions. If the issue persists, contact WINTEMP customer support.

## WARRANTY AND SUPPORT

WINTEMP stands behind the quality of its products. Your WN08 Tankless Water Heater comes with a **2-year warranty period**. Additionally, WINTEMP provides **lifetime technical support** for this product. If you encounter any problems during use, please follow these steps to get assistance:

1. Locate your order details.
2. Contact the seller directly through the platform where you made the purchase.
3. Clearly describe your issue to receive prompt assistance.

For more information or to explore other WINTEMP products, visit the official WINTEMP store: [WINTEMP Store on Amazon](#).