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› [WINTEMP Electric Tankless Water Heater KJU135 \(3.5kW\) User Manual](#)

## WINTEMP KJU135

# WINTEMP Electric Tankless Water Heater KJU135 (3.5kW) User Manual

Model: KJU135 (3.5kW)

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your WINTEMP Electric Tankless Water Heater, Model KJU135 (3.5kW). This unit is designed to provide instant hot water for single-point-of-use applications, primarily sinks, without the need for a storage tank. The WINTEMP KJU135 features self-adjusting temperature control, a digital display, and multiple safety protections, ensuring a continuous supply of hot water on demand.



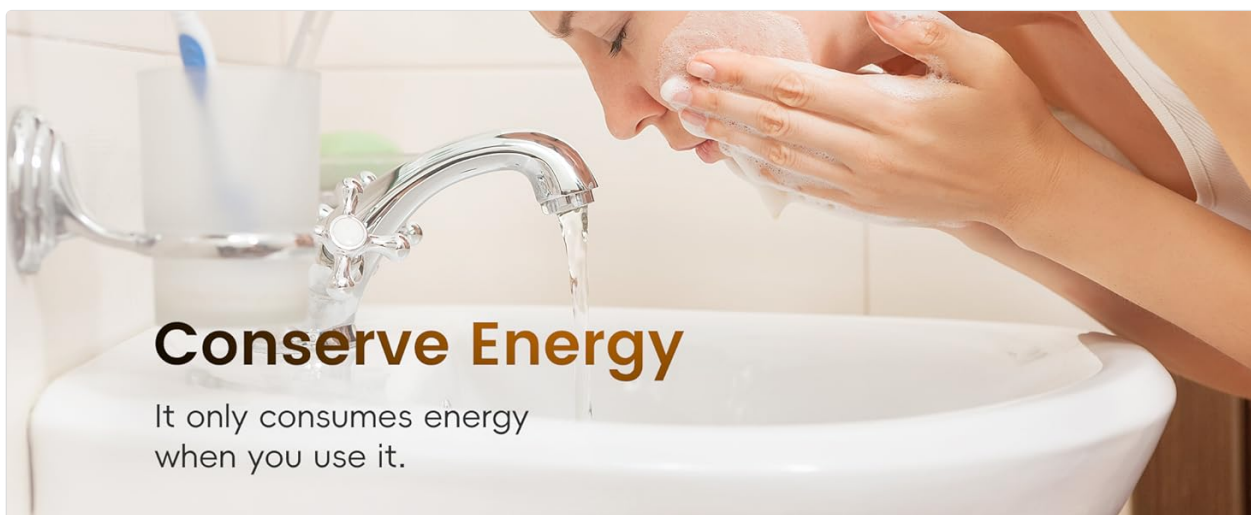
Image 1.1: Front view of the WINTEMP KJU135 Electric Tankless Water Heater, showing the digital

## 2. SAFETY INFORMATION

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**WARNING:** Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read this manual thoroughly before installing or servicing this appliance.

- This appliance must be installed by a qualified electrician and plumber in accordance with all local and national electrical and plumbing codes.
- Do not operate this water heater if any part of it has been submerged in water. Immediately contact a qualified service technician to inspect the appliance and replace any part of the control system that has been submerged.
- Ensure the electrical supply matches the unit's requirements (3.5KW, 120V, 29A). Use a dedicated 1 x 30 Amp Double Pole (DP) breaker and 10# AWG wiring with ground.
- The unit is equipped with overheat protection, dry-heating protection, and electricity leakage protection functions to ensure user safety. Do not bypass or tamper with these safety features.
- This unit is designed for point-of-use applications such as sinks and is not intended for showering.



*Image 2.1: Overview of the safety features integrated into the WINTEMP tankless water heater.*

## 3. SETUP AND INSTALLATION

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Proper installation is critical for the safe and efficient operation of your water heater. It is strongly recommended that installation be performed by a licensed professional.

### 3.1 Pre-Installation Checklist

- **Electrical Requirements:** Verify that your electrical system can support 3.5KW at 120 Volts, requiring a maximum amperage of 29A. A dedicated 1 x 30 Amp Double Pole (DP) circuit breaker and 10# AWG wiring with ground are mandatory.
- **Water Connection:** The unit requires a 1/2" NPT water connection for both inlet and outlet.
- **Mounting Location:** Choose a suitable wall-mounted location, preferably under a sink, ensuring the unit is protected from freezing temperatures and direct sunlight. The unit dimensions are approximately 8.9" (W) x 7.7" (H) x 3.1" (D).
- **Included Components:** Ensure all components are present: Water Heater, Rubber plug and screw for mounting, Operation and Installation instructions, and the external power cord.

## 3.2 Installation Steps

1. **Mounting:** Securely mount the water heater to a wall using the provided rubber plugs and screws. Ensure it is level and stable.
2. **Plumbing Connections:** Connect the cold water supply to the inlet (blue) and the hot water outlet (red) to your fixture using standard 1/2-inch NPT fittings. Ensure all connections are tight to prevent leaks.
3. **Electrical Wiring:** Connect the unit to the dedicated electrical circuit. The 1.2-meter power cord is equipped for easy connection. Follow the wiring diagram carefully, connecting the neutral, live, and ground wires to the appropriate terminals.
4. **Water Flow Activation:** Once plumbing is complete, slowly open the hot water faucet at the fixture to allow water to flow through the heater and purge any air from the system. Continue until a steady stream of water flows.
5. **Power On:** After ensuring no leaks and all air is purged, turn on the dedicated circuit breaker.



Image 3.1: Installation diagram illustrating electrical and plumbing connections for the KJU135 model.

## 4. OPERATING INSTRUCTIONS

The WINTEMP KJU135 is designed for user-friendly operation with its digital display and simple controls.

### 4.1 Initial Start-Up

- Ensure the unit is properly installed and filled with water (as per Section 3.2).
- Turn on the electrical power at the circuit breaker. The digital display will illuminate.
- Press the power button (**U**) on the unit to activate it.

### 4.2 Temperature Adjustment

- Use the '+' and '-' buttons on the front panel to adjust the desired water temperature. The digital display will show the set temperature.
- The unit features self-adjusting technology, which optimizes power consumption based on flow rate and desired temperature.
- Hot water will be available within approximately 3 seconds of activation.



Image 4.1: The tankless water heater provides instant hot water, saving time and water.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your WINTEMP tankless water heater.

- **Annual Inspection:** It is recommended to have a qualified technician inspect the unit annually.
- **Check for Leaks:** Periodically inspect all water connections for any signs of leaks. Tighten connections if necessary.
- **Clean Aerators:** Faucet aerators can become clogged with sediment. Clean them regularly to maintain good water flow.
- **Descaling (if necessary):** In areas with hard water, mineral deposits can accumulate. If you notice reduced flow or heating efficiency, consult a professional for descaling procedures.
- **Exterior Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

## 6. TROUBLESHOOTING

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If you encounter issues with your water heater, refer to the following common troubleshooting steps. For problems not listed or if issues persist, contact customer support.

- **No Hot Water / Insufficient Heat:**
  - Check if the circuit breaker is tripped. Reset if necessary.
  - Ensure the unit is powered on and the desired temperature is set correctly.
  - Verify adequate water flow. The unit requires a minimum flow rate to activate heating.
  - Confirm the unit is not being used for applications beyond its capacity (e.g., showering).
- **Water Leaks:**
  - Immediately turn off the water supply and electrical power to the unit.
  - Inspect all plumbing connections for tightness.
  - If the leak originates from the unit itself, contact customer support.
- **Digital Display Not Working:**
  - Check the electrical supply and circuit breaker.
  - Ensure the unit is properly connected to power.

## 7. SPECIFICATIONS

Feature	Specification
Brand	WINTEMP
Model	KJU135
Wattage	3.5 KW
Voltage	120 Volts (AC)
Amperage	29A
Product Dimensions (W x H x D)	8.9" x 7.7 " x 3.1"
Water Connection	1/2" NPT
Maximum Flow Rate	1.2 Gallons Per Minute
Maximum Temperature	121 Degrees Fahrenheit
Recommended Wire Size	10# AWG
Required Circuit Breaker	1 x 30 Amp Double Pole
Special Features	Fire-retardant ABS casing, Overheat Protection, Dry-heating Protection, Electricity Leakage Protection
Included Components	Water Heater, Rubber plug and screw, Operation and Installation instructions, external power cord



### Save Money

Tankless water heaters only heat water when it is needed, reducing heating costs.



### Save Time

Tankless water heaters provide endless hot water without the need to wait for the water to heat up.



### Save Energy

Self-regulating technology that uses precise energy for heating.

*Image 7.1: Application guidance for KJU-135, illustrating performance based on regional inlet water temperatures.*

## 8. WARRANTY AND SUPPORT

WINTEMP provides a **2-year warranty period** for this product.

For any issues encountered during usage, or for warranty claims, please follow these steps:

1. Locate your order details.
2. Contact the Seller directly through the platform where the purchase was made.
3. Provide a clear description of your issue or question.

The seller will assist you with troubleshooting or guide you through the warranty process.