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› [Electric Tankless Water Heater 6.5kW 240V, WINTEMP Provides hot water on demand without a storage tank, featuring self-adjusting temperature control, digital display and overheating protection ETL Silver KFU65 \(6.5kW\)](#)

WINTEMP KFU65 (6.5kW)

WINTEMP Electric Tankless Water Heater

Model: KFU65 (6.5kW)

Your guide to efficient and reliable hot water.

1. PRODUCT OVERVIEW

The WINTEMP Electric Tankless Water Heater provides a continuous supply of hot water on demand, eliminating the need for a bulky storage tank. Designed for efficiency and convenience, this unit features self-adjusting temperature control, a clear digital display, and multiple safety protections. It is an ideal solution for various applications where instant hot water is desired, such as kitchen sinks, bathrooms, RVs, or food trucks.

Kitchen Electric Water Heater



Instant heating



Energy Saving



Easy Mounting



Mini Design



Figure 1.1: The WINTEMP tankless water heater offers instant heating, energy saving, easy mounting, and a mini design, making it suitable for various installations.

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before installation and use. Failure to follow these instructions could result in electric shock, fire, or property damage.

- **Overheat Protection:** The unit is equipped with a system to prevent overheating, ensuring safe operation.
- **Dry-Heating Protection:** Prevents damage to the unit if water flow is insufficient.
- **Electricity Leakage Protection:** Designed to protect against electrical hazards.
- **Over-pressure Protection:** Safeguards the system from excessive water pressure.
- **Anti-scalding Protection:** Helps maintain a safe output water temperature.
- **ETL and UL Certified:** This product meets rigorous safety standards.
- **IP25 Waterproof:** Provides protection against water splashes.



Figure 2.1: The WINTEMP water heater incorporates multiple layers of protection for user safety.

3. SETUP (INSTALLATION GUIDE)

3.1. Pre-Installation Notes

- Ensure the KFU65 model meets your installation requirements: 6.5KW - 240 Volts with a maximum amperage of 29A.
- Requires **1 x 30 Amp Double-Pole (DP) breaker** and **10# AWG wiring with ground**.
- Unit dimensions: 8.5" (W) x 9" (H) x 2.6" (D).
- Water connection: 1/2" NPT.
- Not suitable for showering or areas with incoming water temperature below 60°F.
- The unit is portable and wall-mountable, designed for compact spaces.
- Comes with a 1.2-meter power cord (does not include a plug).

3.2. Mounting the Unit

1. Choose a suitable wall location near the water supply and electrical panel.
2. Securely mount the unit to the wall using the provided rubber plugs and screws. Ensure it is level and stable.



Figure 3.1: The compact design allows for installation in tight spaces, such as under a sink, with a rotatable display for convenience.

3.3. Water Connection

1. Connect the 1/2-inch NPT inlet (blue) to your cold water supply line. The water inlet is equipped with a filter screen.
2. Connect the 1/2-inch NPT outlet (red) to your hot water fixture.
3. Ensure all connections are tight to prevent leaks.

3.4. Electrical Connection

1. A separate 240V circuit installation is required.
2. Connect the live wires (L1, L2) and grounding wire (G) from your electrical panel to the corresponding terminals on the water heater.
3. Ensure the 30 Amp DP breaker is installed correctly.

INSTALLATION GUIDE

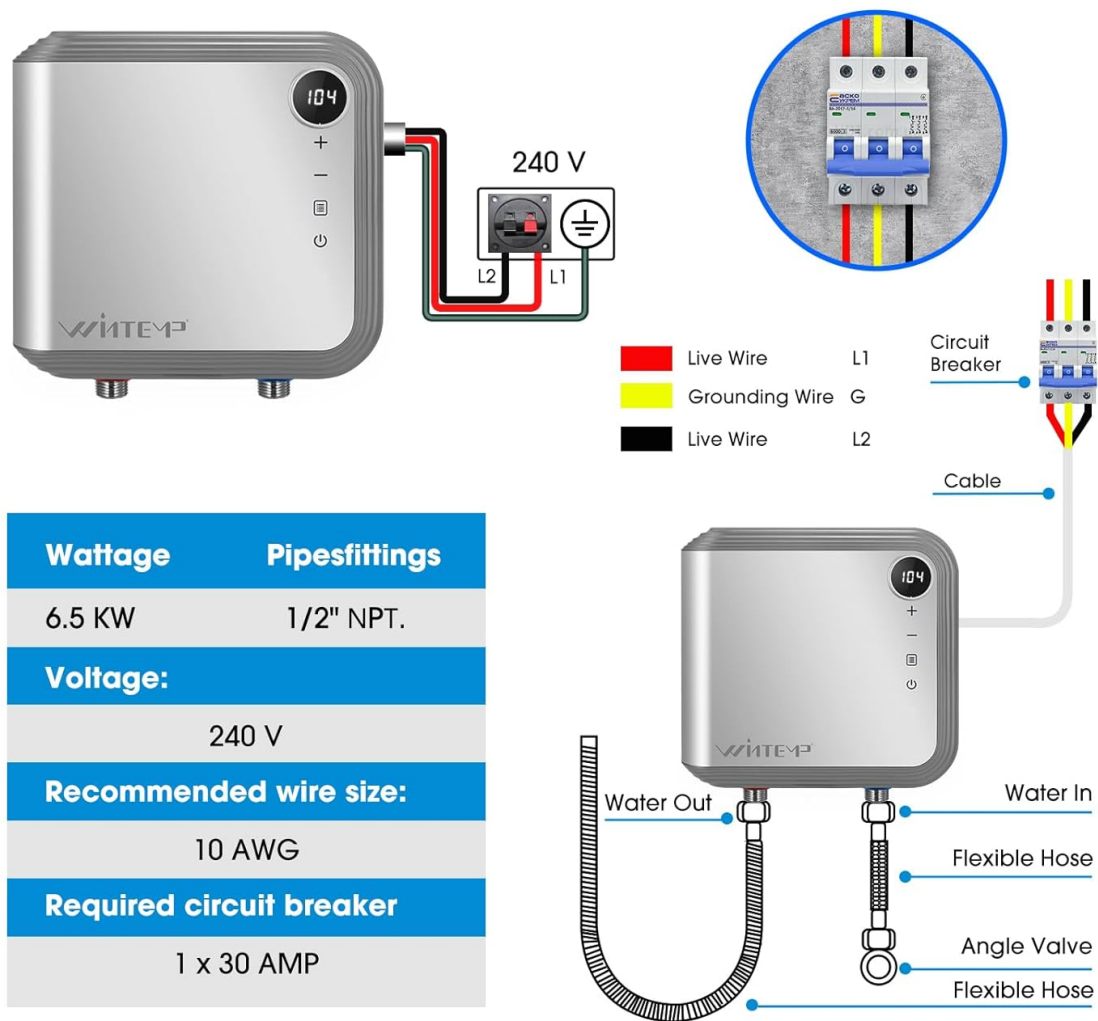


Figure 3.2: Electrical and plumbing connections for the KFU65 model. Professional installation is recommended.

4. OPERATING INSTRUCTIONS

4.1. Powering On and Digital Display

Once installed and connected, turn on the power. The digital display will illuminate, showing the current water temperature. The unit provides instant hot water, reaching 86°F within 3 seconds.

4.2. Temperature Control

- Use the '+' and '-' buttons on the unit to adjust the desired water temperature. The maximum temperature is 131 Degrees Fahrenheit.
- The self-regulating technology automatically adjusts power input based on real-time flow and temperature settings to maintain your desired temperature.

4.3. Energy Saving Features

The WINTEMP tankless water heater is designed for high energy efficiency. When water flow decreases, the system reduces power usage. When not in use, it consumes no energy, leading to significant savings on water heating costs (up to 50% compared to traditional tank heaters).

SAVE 50% ON WATER HEATING COSTS

The self-modulating temperature technology
only uses electricity to heat up water while you are using it.

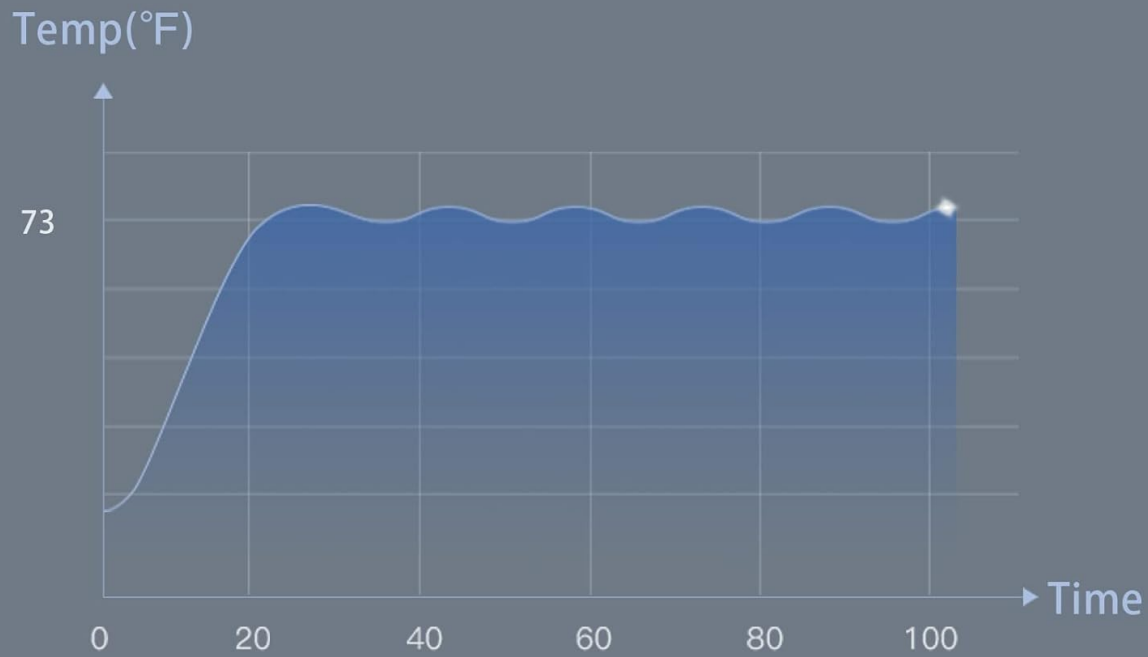


Figure 4.1: The self-modulating technology ensures efficient energy use, heating water only when needed.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your WINTEMP Electric Tankless Water Heater.

- **Filter Screen Cleaning:** Periodically check and clean the filter screen at the water inlet to prevent debris buildup and maintain optimal water flow.
- **Exterior Cleaning:** Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Professional Inspection:** It is recommended to have a qualified technician inspect the unit annually to ensure all components are functioning correctly and safely.

6. TROUBLESHOOTING

If you encounter issues with your WINTEMP Electric Tankless Water Heater, refer to the following common troubleshooting steps:

- **No Hot Water:** Check the power supply and circuit breaker. Ensure the unit is receiving 240V power. Verify water flow is adequate.

- **Insufficient Hot Water:** Ensure the incoming water temperature is above 60°F. Check for any blockages in the water lines or filter screen. Verify the temperature setting on the unit.
- **Error Codes:** If an error code appears on the digital display, consult the full operation and installation instructions manual for specific meanings and solutions.
- **Leaks:** Check all water connections for tightness. If leaks persist, turn off the water supply and power, then contact customer support.

For further assistance, please refer to the 'WINTEMP Support' section below.

7. SPECIFICATIONS

Feature	Detail
Brand	WINTEMP
Model Number	KFU65 (6.5kW)
Product Dimensions	8.5"W x 9"H x 2.6"D
Color	Silver
Wattage	6500 watts
Voltage	240 Volts (AC)
Maximum Flow Rate	1.6 Gallons Per Minute
Maximum Temperature	131 Degrees Fahrenheit
Heat Output	6.5 Kilowatts
Efficiency	High Efficiency
Maximum Operating Pressure	90 Pound per Square Inch
Mounting Type	Wall
Is Electric	Yes
Item Weight	5 pounds
Included Components	Water Heater, Rubber plug and screw, Operation and Installation instructions, external power cord
Safety Certifications	ETL, UL Qualifies



Figure 7.1: Detailed dimensions of the WINTEMP KFU65 tankless water heater.

8. WARRANTY AND SUPPORT

WINTEMP stands behind the quality of its products.

- **Warranty Period:** This product comes with a 2-year warranty period.
- **Customer Support:** If you encounter any issues during usage or have questions, please contact WINTEMP support. You can typically find contact information through your order details (e.g., order > Seller > answer your question).

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