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> Kweetle 5500W 110V Tankless Electric Water Heater User Manual

Kweetle LF002A

Kweetle 5500W 110V Tankless Electric Water Heater User Manual

Model: LF002A

1. INTRODUCTION

The Kweetle 5500W 110V Tankless Electric Water Heater provides instant, on-demand hot water, eliminating the need for a bulky storage tank. Its compact design and advanced features make it an efficient solution for various applications, including bathroom sinks, kitchen faucets, and other points of use. This manual will guide you through the safe installation, operation, and maintenance of your new water heater.



Image 1.1: Kweetle 5500W 110V Tankless Electric Water Heater with its remote control.

Key Features:

- **Instant Hot Water:** 5500W heating system provides hot water in approximately 3 seconds, reaching a maximum temperature of 55°C/131°F.
- **Advanced Technology:** Equipped with intelligent self-inspection for operational status and performance.
- **Compact Design:** Space-saving dimensions (8.5"L x 5.7"W x 2.8"H inches) allow for easy under-sink or wall-mount installation.
- **Energy Efficient:** Features a frequency conversion design that automatically adjusts power input based on flow and temperature, reducing energy waste.
- **Dual Control Methods:** Temperature can be adjusted via the LCD touch screen or the included remote control for convenience and safety.

2. IMPORTANT SAFETY WARNINGS

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- **Professional Installation Required:** This appliance requires a professional electrician for installation due to specific electrical wiring requirements.
- **Electrical Requirements:** This is a 110V 5.5KW unit and must be HARD WIRED. It does NOT come with a plug. It draws a maximum of 50 amps and requires a 6AWG wire gauge and a 50A Double Pole Circuit Breaker.
- **Water Connections:** Use 1/2" NPT water connections.
- **Water and Electricity Separation:** The unit is designed with water and electricity separation for enhanced safety.
- **Protection Features:** Includes IPX4 Waterproof rating, Overheat Protection, Anti-High Voltage Protection, and Sensitive Leakage Protection.
- Do not operate the water heater if it is damaged or malfunctioning.
- Ensure proper grounding to prevent electric shock.

On-Demand Endless Hot Water

8.5in

2.7in

5.7in

- IPX4 Waterproof
- Water and Electricity Separated
- Overheat Protection
- Anti-High Voltage Protection
- Sensitive Leakage Protection
- Endless Hot Water

3. PACKAGE CONTENTS

Please check the package contents upon opening to ensure all items are present and undamaged.

- Kweetle Tankless Water Heater (1 unit)
- Remote Control (1 unit)
- User Manual (this document)

4. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	LF002A
Power	5500W
Voltage	110V
Frequency	50-60Hz
Temperature Range	30-55°C / 86-131°F
Waterproof Rating	IPX4
Required Circuit Breaker	≥50AMP Double Pole
Wire Gauge	6 AWG
Product Dimensions (L x W x H)	8.5" x 5.7" x 2.8" inches
Item Weight	3 pounds
Mounting Type	Wall
Special Features	Dry Combustion Protection, LED Display, Lightweight, Rustproof, Temperature Lock

5. SETUP AND INSTALLATION

WARNING: Installation must be performed by a qualified professional electrician and plumber in accordance with all local and national electrical and plumbing codes. Incorrect installation can lead to electric shock, fire, or water damage.

5.1 Mounting the Unit

- Choose a suitable wall location near the point of use, ensuring adequate space for water and electrical connections.
- The compact design allows for installation under a sink or in other confined spaces.
- Securely mount the unit to the wall using appropriate fasteners for your wall type.

5.2 Water Connections

- Connect the cold water inlet (blue) and hot water outlet (red) to the corresponding 1/2" NPT plumbing lines.
- Ensure all connections are tight and leak-free.
- Before connecting, flush the water lines to remove any debris.

5.3 Electrical Connections

This unit requires a dedicated 110V, 50A Double Pole Circuit Breaker and 6AWG wiring. It is a hardwired connection; no plug is provided.

Installation Diagram



Model	SSH001
Power	5500W
Voltage	110V
Frequency	50-60Hz
Temperature Range	30-55°C/86-131°F
Waterproof Rating	IPX4
Required CircuitBreaker	≥50AMP
Wire Gauge	6 AWG

110V 5500W 6AWG

**50A Single Pole
Circuit Breaker**



N



Tips: Please have a professional electrician install this product.

Image 5.1: Electrical and water connection diagram. L (Live/Hot), N (Neutral), and Ground connections are shown.

- Connect the Live (L) wire to the corresponding terminal.
- Connect the Neutral (N) wire to the corresponding terminal.
- Connect the Ground wire to the grounding terminal.
- Verify all electrical connections are secure and comply with local electrical codes.

6. OPERATING INSTRUCTIONS

The Kweetle Tankless Water Heater features an intuitive LCD touch screen and a convenient remote control for easy operation.

6.1 Powering On/Off

- Ensure the water supply is open and the unit is filled with water before turning on the power.
- Press the **ON/OFF** button on the touch screen or remote control to power the unit on or off.

6.2 Adjusting Temperature

The desired hot water temperature can be set between 30-55°C (86-131°F).



Image 6.1: The water heater can be controlled via its touch screen or the included remote control.

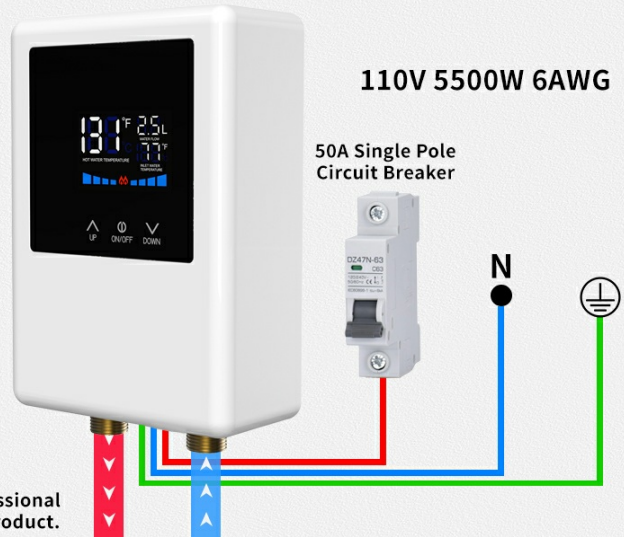
- Use the **UP** (^) and **DOWN** (v) buttons on the touch screen or remote control to increase or decrease the temperature.
- The LCD display will show the current hot water temperature and inlet water temperature.

6.3 Changing Temperature Units (°C/°F)

- To switch between Celsius (°C) and Fahrenheit (°F), turn on the water heater, then press and hold the **ON/OFF** key for a few seconds. The display unit will change.

Installation Diagram

Model	SSH001
Power	5500W
Voltage	110V
Frequency	50-60Hz
Temperature Range	30-55°C/86-131°F
Waterproof Rating	IPX4
Required CircuitBreaker	≥50AMP
Wire Gauge	6 AWG



Tips: Please have a professional electrician install this product.

Image 6.2: Detailed view of the LCD display and touch panel controls.

6.4 Energy Efficiency

The water heater utilizes a frequency conversion design, which automatically adjusts the power consumption based on the water flow and desired temperature. This ensures optimal energy usage and reduces electricity consumption when hot water demand is lower.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your tankless water heater.

- **Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspect Connections:** Periodically check water and electrical connections for any signs of leaks or loose wiring. Address any issues promptly.
- **Professional Inspection:** It is recommended to have a qualified professional inspect the unit annually to ensure optimal performance and safety.

8. TROUBLESHOOTING

If you encounter issues with your water heater, refer to the table below for common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause & Solution
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Problem	Possible Cause & Solution
No hot water / Unit not turning on	<ul style="list-style-type: none"> • No power: Check the circuit breaker (ensure it's a 50A Double Pole breaker) and electrical connections. Verify the unit is hardwired correctly. • Water supply off: Ensure the cold water inlet valve is fully open. • Low water pressure: The unit requires sufficient water flow to activate. Check water pressure.
Water not hot enough	<ul style="list-style-type: none"> • Temperature setting too low: Increase the set temperature using the UP button on the unit or remote. • Excessive flow rate: Reduce the water flow at the faucet to allow the heater more time to heat the water. • Inlet water temperature too low: In very cold climates, the unit may struggle to reach maximum temperature at high flow rates.
Unit blows fuses/trips breaker	<ul style="list-style-type: none"> • Incorrect electrical setup: This unit requires a dedicated 50A Double Pole Circuit Breaker and 6AWG wiring. If your electrical system does not meet these specifications, it will trip the breaker. Consult a professional electrician to verify your electrical setup. • Overload: Ensure no other high-power appliances are on the same circuit.
Cannot change °C to °F	<ul style="list-style-type: none"> • Incorrect procedure: Turn on the water heater, then press and hold the ON/OFF key for a few seconds until the display unit changes.
Water leakage	<ul style="list-style-type: none"> • Loose connections: Check all water inlet and outlet connections for tightness. • Damaged plumbing: Inspect the plumbing lines for cracks or damage. • Internal fault: If leakage persists after checking connections, discontinue use and contact customer support.

9. WARRANTY AND CUSTOMER SUPPORT

For detailed warranty information, please refer to the warranty card included with your product packaging or visit the official Kweetle website. Keep your purchase receipt as proof of purchase for warranty claims.

Customer Support:

If you have any questions, require technical assistance, or need to report an issue, please contact Kweetle customer support through the following channels:

- **Website:** Visit the official Kweetle website for FAQs, support resources, and contact forms.
- **Email/Phone:** Refer to your product packaging or the Kweetle website for specific email addresses and phone numbers.