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› [HASANEN HJWJL-1022 2.1 Gallon 1500W Mini-Tank Electric Water Heater User Manual](#)

## HASANEN HJWJL-1022

# HASANEN HJWJL-1022 2.1 Gallon 1500W Mini-Tank Electric Water Heater User Manual

Model: HJWJL-1022

## INTRODUCTION

Thank you for choosing the HASANEN HJWJL-1022 Mini-Tank Electric Water Heater. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new water heater. Please read this manual thoroughly before installation and use, and retain it for future reference.

This compact 2.1-gallon (8L) electric water heater is designed to provide instant hot water for various household applications, including kitchens, bathrooms, and other small residential areas. Its 1500W heating element ensures quick recovery and efficient performance.

## IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. This appliance is for indoor use only.

### Safety Features:

- **Automatic Turn-off:** The unit automatically powers off when the set temperature is reached.
- **Relief Valve:** Included for pressure relief.
- **Dry Burning Protection:** Prevents damage if the tank is empty.
- **High Voltage Protection:** Safeguards against electrical surges.
- **Overheating Protection:** Shuts off the unit if water temperature exceeds safe limits.
- **IPX4 Water-Proof Level:** Provides protection against splashing water.

# Safe & Assured



**Automatic  
Turn-off**



**Relief  
Valve**



**Dry Burning  
Protection**



**High Voltage  
Protection**



**Overheating  
Protection**



**Triangular  
Socket**



**IPX4  
Level**



**68-149° F**

Image: Overview of the water heater's integrated safety features.

## PRODUCT COMPONENTS AND INCLUDED ACCESSORIES

The HASANEN HJWJL-1022 water heater comes with the necessary components for installation and operation.



Image: Water heater and included accessories.

### Included Components:

- 1 x HASANEN Electric Water Heater (Model: HJWJL-1022)
- 1 x Safety Valve
- 1 x Exhaust Pipe
- 1 x English Manual (this document)
- All necessary accessories for assembly (screws, wall anchors)

## SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your water heater. If you are unsure about any step, consult a qualified plumber or electrician.

### 1. Mounting Options:

The unit can be installed either wall-mounted or floor-mounted, typically under a sink or in other small spaces. Ensure the mounting surface is sturdy enough to support the weight of the unit when full of water (approximately 2.1 gallons + unit weight).

# Large Capacity & Mini Size

Easily Install It in Small Spaces to Meet Your Needs



• Wall-mounted •



• Floor-mounted •

Image: Wall-mounted and Floor-mounted installation examples.

## 2. Plumbing Connections:

1. Identify the cold water inlet (blue cap) and hot water outlet (red cap) on top of the unit.
2. Connect the cold water supply line to the inlet. It is recommended to install a shut-off valve on the cold water supply line for maintenance.
3. Install the included safety relief valve on the cold water inlet line or as per local codes.
4. Connect the hot water outlet to your fixture's hot water line.
5. Once connections are secure, slowly open the cold water supply valve and allow the tank to fill completely. Open a hot water faucet at the fixture to purge air from the system until water flows steadily.
6. Check all connections for leaks.

## 3. Electrical Connections:

The unit operates on 110V and requires a 1500W power supply. Ensure the electrical circuit can handle the load. It is recommended to use a dedicated 20-amp circuit with 12-gauge wiring and an appropriate outlet.

1. Ensure the power supply is OFF at the circuit breaker before making any electrical connections.

2. Plug the water heater's three-pin plug into a grounded electrical outlet.
3. Verify that the outlet meets the voltage and amperage requirements.

## OPERATION

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### 1. Initial Startup:

1. After ensuring the tank is full of water and all plumbing connections are leak-free, turn on the electrical power at the circuit breaker.
2. The indicator light on the front panel will illuminate, indicating the unit is powered on and heating.
3. The water heater will begin heating the water to the set temperature. This typically takes 5-10 minutes for the initial heating cycle.

### 2. Temperature Adjustment:

The heating temperature can be adjusted using the knob on the front panel, ranging from approximately 86°F (30°C) to 149°F (65°C).



Image: Temperature adjustment knob and suggested uses.

- **MIN (Low Temperature):** Suitable for daily washing or handwashing, caring for skin.
- **Medium Temperature:** Ideal for washing vegetables and removing residues.
- **MAX (High Temperature):** Recommended for dishwashing and cleaning oil contamination.

The unit will automatically maintain the set temperature, reheating as needed to replenish hot water.

## MAINTENANCE

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Regular maintenance helps ensure the longevity and efficiency of your water heater.

### 1. Draining the Tank:

It is recommended to drain the tank annually, especially in areas with hard water, to prevent sediment buildup.

1. Turn off the power supply to the water heater at the circuit breaker.
2. Close the cold water supply valve to the unit.
3. Open a hot water faucet at the connected fixture to relieve pressure.
4. Carefully open the drain valve (if present) or disconnect the cold water inlet to allow the tank to drain. Be aware that the water may still be hot.
5. Once drained, flush the tank with cold water to remove sediment.

6. Close the drain valve, reconnect the inlet, and refill the tank as described in the 'Plumbing Connections' section before restoring power.

## 2. Descaling:

In hard water areas, mineral deposits (scale) can accumulate on the heating element and tank walls, reducing efficiency. Descaling may be required periodically. Consult a professional for descaling procedures or if you notice reduced hot water output or unusual noises.

## 3. Cleaning:

Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

## TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions:

| Problem                                 | Possible Cause   | Solution  |
|---|--|---|
| No hot water or insufficient hot water  | <ul style="list-style-type: none"><li>No power to the unit</li><li>Temperature setting too low</li><li>Tank not fully filled with water</li><li>Thermostat malfunction</li><li>Heating element failure</li></ul> | <ul style="list-style-type: none"><li>Check circuit breaker and power connection.</li><li>Adjust temperature knob to a higher setting.</li><li>Ensure tank is filled and air is purged.</li><li>Contact customer support for service.</li><li>Contact customer support for service.</li></ul> |
| Water is too hot                        | Temperature setting too high   | Adjust temperature knob to a lower setting.   |
| Water leaking from unit or connections  | <ul style="list-style-type: none"><li>Loose plumbing connections</li><li>Faulty pressure relief valve</li><li>Tank damage</li></ul>  | <ul style="list-style-type: none"><li>Tighten connections.</li><li>Inspect and replace relief valve if necessary.</li><li>Turn off water and power immediately; contact customer support.</li></ul>   |
| Unusual noises (e.g., popping, hissing) | Sediment buildup in the tank   | Drain and flush the tank. If noise persists, consider descaling or contact support.   |

## SPECIFICATIONS

Technical details for the HASANEN HJWJL-1022 Mini-Tank Electric Water Heater:

| Feature      | Detail     |
|--------------|------------|
| Brand        | HASANEN    |
| Model Number | HJWJL-1022 |

| Feature                    | Detail                 |
|----------------------------|------------------------|
| Capacity                   | 2.1 Gallons (8 Liters) |
| Power (Wattage)            | 1500 Watts             |
| Voltage                    | 110 Volts              |
| Maximum Temperature        | 149°F (65°C)           |
| Product Dimensions (W x H) | 9.44" x 13.38"         |
| Item Weight                | 6.83 pounds            |
| Mounting Type              | Wall / Floor           |
| Waterproof Level           | IPX4                   |
| Inner Liner Material       | 304V Stainless Steel   |
| Heating Tube Material      | 316L Stainless Steel   |

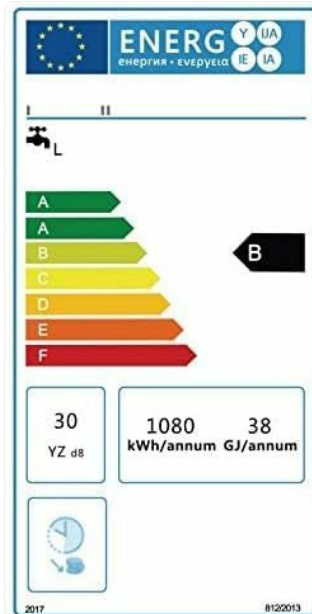


Image: Energy Efficiency Label (Example)

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided at the point of purchase or on the product packaging. Keep your purchase receipt as proof of purchase for warranty claims.