

## Nessxa YYJ250764-30L

# Nessxa 8 Gallon Mini Tank Water Heater Electric

Model: YYJ250764-30L | Brand: Nessxa

## 1. SAFETY INFORMATION

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Please read all instructions carefully before installation and operation to prevent injury or property damage. Keep this manual for future reference.

### Important Safety Precautions:

- **Electrical Safety:** Ensure the unit is connected to a properly grounded 110V/60Hz electrical outlet. Do not use extension cords.
- **Water Pressure:** Do not operate the water heater if the water supply pressure exceeds the maximum rated pressure. A pressure relief valve must be installed.
- **Overheating Protection:** The unit is equipped with a high-temperature limit device that automatically cuts off power if the water temperature reaches 190°F (88°C). Do not bypass this safety feature.
- **Dry Heating Protection:** The heater will automatically shut off if there is no water in the tank to prevent damage.
- **Anti-Freezing Protection:** This feature helps prevent damage in cold environments, but proper drainage is recommended if the unit will be exposed to freezing temperatures for extended periods.
- **IPX4 Waterproof:** The unit is protected against splashing water from any direction. However, do not submerge the unit.
- **Installation:** Installation must be performed by a qualified professional in accordance with local plumbing and electrical codes.

# ALL-ROUND SAFETY SHIELD

## YOUR TRUSTED MINI TANK WATER HEATER



Dry Heating Protection



Overheat Protection



Freeze Protection



IPX4 Waterproof



Pressure Relief



Instant Hot Water



Image 1: Overview of the water heater's safety features, including dry heating, overheat, freeze protection, IPX4 waterproofing, and pressure relief.

## 2. PRODUCT OVERVIEW

The Nessxa 8 Gallon Mini Tank Water Heater is designed to provide instant hot water at point-of-use locations, such as under kitchen or office sinks. Its compact design and efficient heating system make it suitable for various small-scale hot water needs.

### Key Features:

- **Rapid Heating:** 1500W heating element with over 90% thermal efficiency for quick hot water delivery.
- **Adjustable Temperature:** Water temperature can be set from 50°F (10°C) to 167°F (75°C).
- **Compact Design:** Space-saving dimensions (23.62"W x 13.39"H x 13.39"D) fit under most sinks.
- **Durable Construction:** Inner tank made of high-quality glass-lined steel (enamel steel) for excellent high-temperature and corrosion resistance, effectively resisting scale formation. Includes a Magnesium Anode Rod for enhanced protection.
- **Multiple Installation Options:** Supports wall-mounted, bracket-mounted, or floor-standing installations.



Image 2: The Nessxa 8 Gallon Mini Tank Water Heater, highlighting its compact size and key specifications.

# FAST HEATING & DURABLE

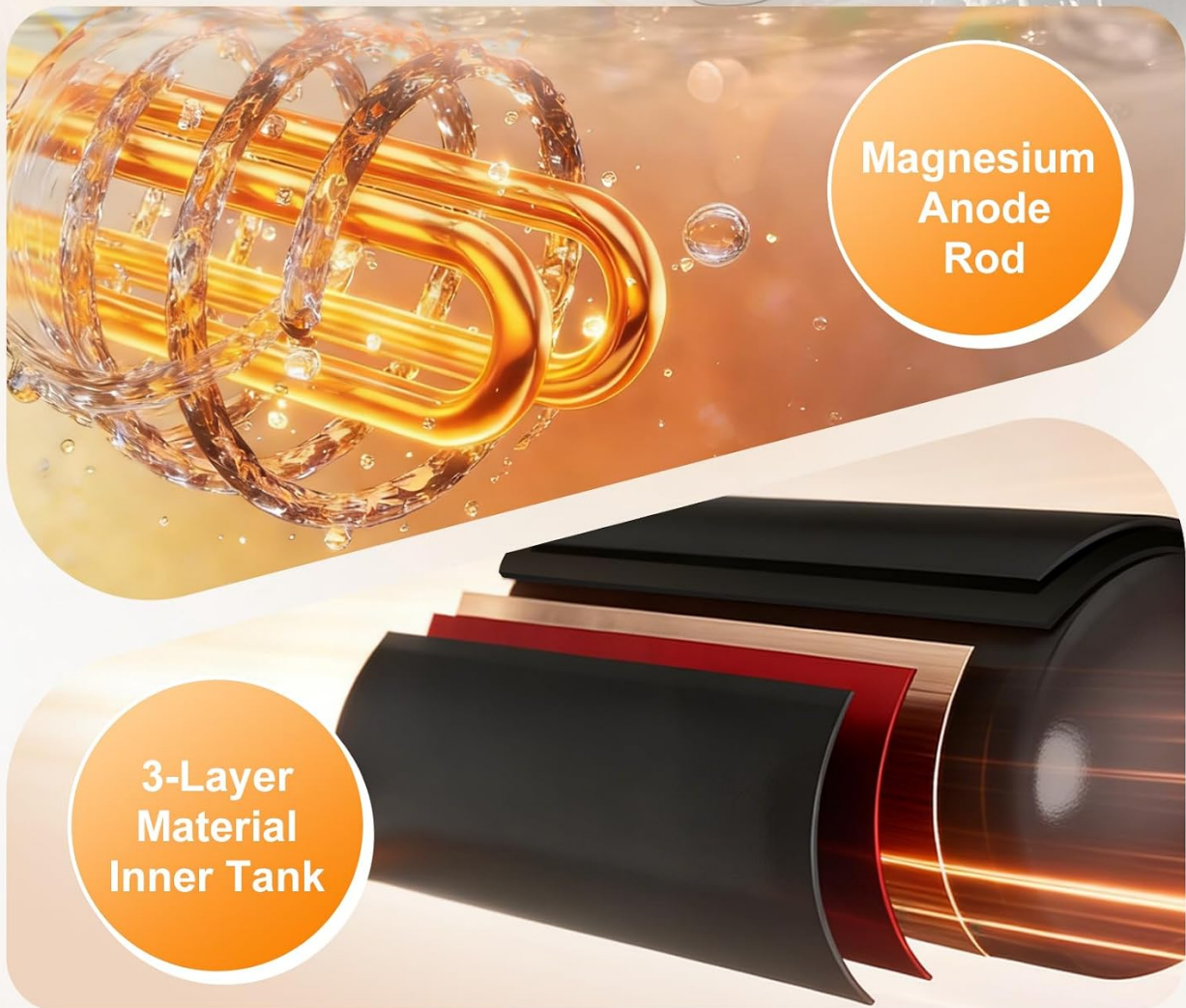


Image 3: Internal components of the water heater, illustrating the heating element, magnesium anode rod, and the durable 3-layer inner tank construction.

## 3. SETUP

Proper installation is crucial for the safe and efficient operation of your water heater. Refer to the detailed instructions and diagrams provided in the full manual for specific steps.

### Installation Requirements:

- **Location:** Choose a location that is protected from freezing temperatures and is close to the point of use. Ensure adequate space for maintenance and ventilation.
- **Clearance:** Reserve corresponding installation space with reference to the manual. Minimum 2 inches clearance on sides and back, and 5 inches on top.
- **Power Supply:** A dedicated 110V/60Hz grounded electrical outlet is required.
- **Water Supply:** Connect to a cold water supply line.

## **PLEASE RESERVED SPACE FOR YOUR UNDER SINK WATER HEATER**



Image 4: Recommended minimum reserved space for under-sink installation, showing clearances of 2 inches on sides/back and 5 inches on top.

### **Mounting Options:**

The water heater supports multiple installation methods to suit your space requirements:

- **Wall-Mounted:** Securely attach the unit to a sturdy wall using the provided mounting bracket and hardware.
- **Floor-Standing:** Place the unit on a level, stable surface.
- **Bracket-Mounted:** Utilize a bracket for specific under-sink configurations.

## TWO INSTALLATION METHODS

### SPACE SAVING



Image 5: Examples of wall-mounted and floor-standing installation methods for the water heater.

### Water Connection:

1. Turn off the main water supply.
2. Connect the cold water inlet (blue port) to the cold water supply line.
3. Connect the hot water outlet (red port) to the hot water faucet line.
4. Install a pressure relief valve (not included, but required by code) on the cold water inlet.
5. Open the hot water faucet to allow air to escape while the tank fills.
6. Once water flows steadily from the hot water faucet, close the faucet and check for leaks.

### Electrical Connection:

1. Ensure the unit is properly grounded.
2. Plug the power cord into a dedicated 110V/60Hz grounded electrical outlet.
3. Do not turn on the power until the tank is completely filled with water.

## 4. OPERATING INSTRUCTIONS

## Initial Startup:

1. After ensuring the tank is full of water and all connections are secure, plug in the unit.
2. The display will illuminate, and the unit will begin heating to the default temperature setting.

## Temperature Adjustment:

The water temperature can be adjusted using the rotary knob on the front panel. The temperature range is 50°F (10°C) to 167°F (75°C).

- Rotate the knob clockwise to increase the temperature.
- Rotate the knob counter-clockwise to decrease the temperature.
- The digital display will show the current water temperature.

**MULTI-SCENE ADAPTABILITY & EASY KNOB ADJUSTMENT**

Temperature Range:  
50°F ~ 167°F



High

Low

off

Wash Hands

Wash Face

Brush Teeth

Wash Fruits

Wash Vegetables

Image 6: Adjusting the temperature knob on the water heater, with the adjustable temperature range indicated.

## Fahrenheit/Celsius Switch:

To switch between Fahrenheit (°F) and Celsius (°C) display, press the "SET" button located near the temperature display.

# 1500W RAPID HEATING & ONE-CLICK SWITCH



Image 7: The control panel of the water heater, illustrating the digital temperature display and the °F/°C switch button.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your water heater. Always disconnect power and water supply before performing any maintenance.

### Routine Checks:

- **Visual Inspection:** Periodically check for any signs of leaks, corrosion, or damage to the unit or connections.
- **Pressure Relief Valve:** Test the pressure relief valve annually by lifting the lever. Ensure water flows out and the valve reseats properly.

### Draining the Tank:

If the unit will be unused for an extended period or exposed to freezing temperatures, it is recommended to drain the tank:

1. Turn off the power supply to the water heater.

2. Turn off the cold water supply to the unit.
3. Open a hot water faucet to relieve pressure.
4. Connect a hose to the drain valve at the bottom of the unit and direct it to a suitable drain.
5. Open the drain valve to empty the tank.
6. Once drained, close the drain valve and disconnect the hose.

### Anode Rod Inspection:

The magnesium anode rod protects the inner tank from corrosion. It should be inspected and replaced every 1-3 years, depending on water quality. Consult a qualified technician for this procedure.

## 6. TROUBLESHOOTING

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Before contacting customer support, please refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
No hot water	No power supply Thermostat set too low Overheat protection activated Dry heating protection activated	Check power connection and circuit breaker Adjust thermostat to a higher setting Allow unit to cool, check for obstructions Ensure tank is full of water
Water not hot enough	Thermostat set too low Inadequate recovery time Excessive hot water demand	Increase temperature setting Allow more time for heating Reduce hot water usage or consider a larger unit if demand is consistently high
Water leaking from unit	Loose connections Faulty pressure relief valve Tank damage	Tighten water connections Inspect and replace pressure relief valve if necessary Contact customer support for tank damage
Unusual noise from unit	Sediment buildup in tank Loose components	Drain and flush the tank Contact customer support

## 7. SPECIFICATIONS

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Detailed technical specifications for the Nessxa 8 Gallon Mini Tank Water Heater.

Specification	Value
Brand	Nessxa
Model Number	YYJ250764-30L
Capacity	8 Gallons
Wattage	1500 watts

<b>Specification</b>	<b>Value</b>
Voltage	110 Volts (AC)
Power Source	AC
Maximum Temperature	167 Degrees Fahrenheit (75°C)
Efficiency	Over 90%
Product Dimensions (W x H x D)	23.62" x 13.39" x 13.39"
Item Weight	26.68 Pounds
Material Type	Glass Lined Steel (Enamel Steel)
Mount Type	Wall, Floor, Bracket
Special Features	Anti-Freezing Protection, Overheat Protection, Dry Heating Protection, Overpressure Protection, IPX4 Waterproof
Included Components	Mini tank water heater
UPC	631060185477

# 8 GALLON

# MINI TANK WATER HEATER



- **Rated Power:** 1500W
- **Rated Frequency:** 50Hz/60Hz
- **Rated Pressure:** 0.8Mpa
- **Plug:** UL Certification
- **Waterproof Grade:** IPX4
- **Capacity:** 8Gallons
- **Rated Voltage:** AC 110V
- **Cord Length:** 3.4ft
- **Temperature Range:** 50-167°F
- **Item Dimensions:** 23.62"\*13.39"\*13.39"

Image 8: Visual representation of the water heater with its main technical specifications and dimensions.

## 8. WARRANTY INFORMATION

This Nessxa water heater comes with a limited manufacturer's warranty. The specific terms and duration of the warranty may vary. Please retain your proof of purchase for warranty claims.

For detailed warranty information, including coverage, exclusions, and how to make a claim, please refer to the warranty card included with your product or contact Nessxa customer support directly.

## 9. SUPPORT CONTACT

If you have any questions, require technical assistance, or need to report an issue that cannot be resolved using the troubleshooting guide, please contact Nessxa customer support.

Please have your model number (YYJ250764-30L) and proof of purchase ready when contacting support to ensure efficient service.

For the most current contact information, please visit the official Nessxa website or refer to the contact details

provided in your product packaging.