Nessxa RE9K

Nessxa RE9K 9000W Tankless Electric Water Heater Instruction Manual

Model: RE9K | Brand: Nessxa

1. Important Safety Information

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage, personal injury, or death. Keep this manual for future reference.

- **Professional Installation Recommended:** Installation of this appliance requires specialized electrical and plumbing knowledge. It is strongly recommended that a licensed electrician and plumber perform the installation to ensure compliance with all local codes and safety standards.
- **Electrical Safety:** Ensure the main power supply is disconnected before any electrical work. This unit requires a dedicated circuit with appropriate amperage and voltage (240V, 37.5A, 9000W).
- **Water Pressure:** Ensure water pressure is within the recommended range for optimal performance and safety.
- **Built-in Protections:** This water heater includes leakage protection, over-temperature protection (shuts off if outlet temperature exceeds 55°C), freeze protection, and dry burning prevention. Do not bypass or modify these safety features.
- **Waterproof Rating:** The unit has an IPX4 waterproof rating, suitable for damp environments, but should not be submerged in water.

WARNING: Risk of electric shock. Disconnect power before servicing.

2. Product Overview

The Nessxa RE9K is a compact, 9000W tankless electric water heater designed for point-of-use applications, providing instant hot water for kitchens, bathrooms, and other small commercial spaces. Its wall-mounted design saves space, and the digital touchscreen allows for precise temperature control.

Key Features:

- Powerful 9KW heating system for consistent hot water.

- Intuitive digital touchscreen for temperature adjustment (86°F - 131°F / 30°C - 55°C).
- Real-time water temperature display.
- Space-saving wall-mounted design.
- Multiple safety protections: leakage, over-temperature, freeze, and dry burning prevention.
- Standard 1/2-inch NPT interface.
- IPX4 waterproof rating.

Product Components:

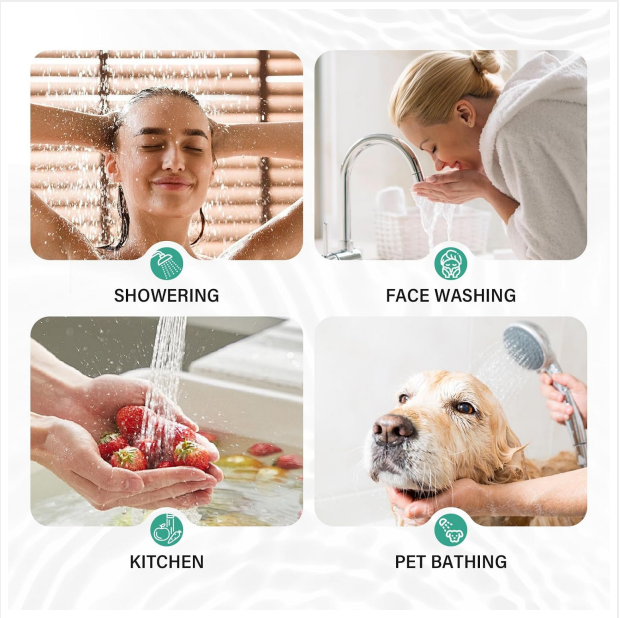
The package typically includes the instant water heater unit, an accessory kit, and this instruction manual.



Nessxa RE9K Tankless Water Heater with dimensions (8.85"W x 13.77"H) and electrical specifications (9000W, 240V, 37.5A).



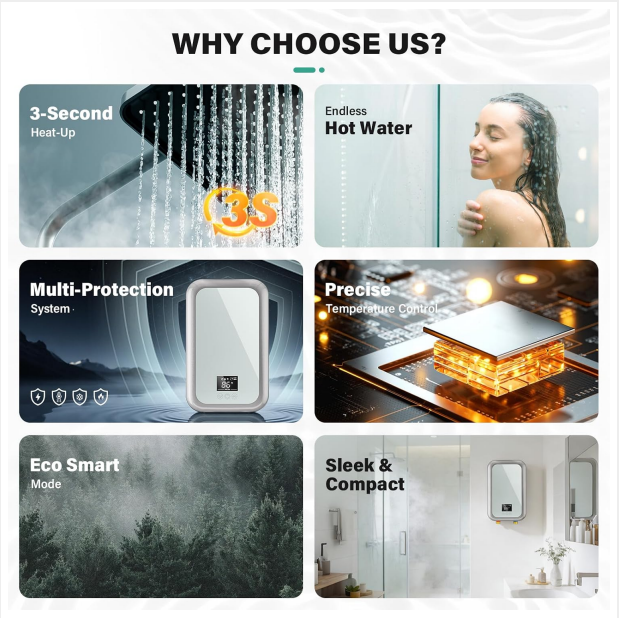
Diagram illustrating the built-in safety protections of the Nessxa RE9K Tankless Water Heater, including instant hot water, earth leakage, overheat, dry-fire, freeze protection, and energy saving features.



Images showing various applications for the Nessxa RE9K Tankless Water Heater, including showering, face washing, kitchen use, and pet bathing.



Close-up of the Nessxa RE9K Tankless Water Heater's digital display and touch controls, showing temperature setting and flow indicators.



Infographic highlighting key benefits of the Nessxa RE9K Tankless Water Heater, such as 3-second heat-up, endless hot water, multi-protection, precise temperature control, Eco Smart mode, and sleek design.

3. Specifications

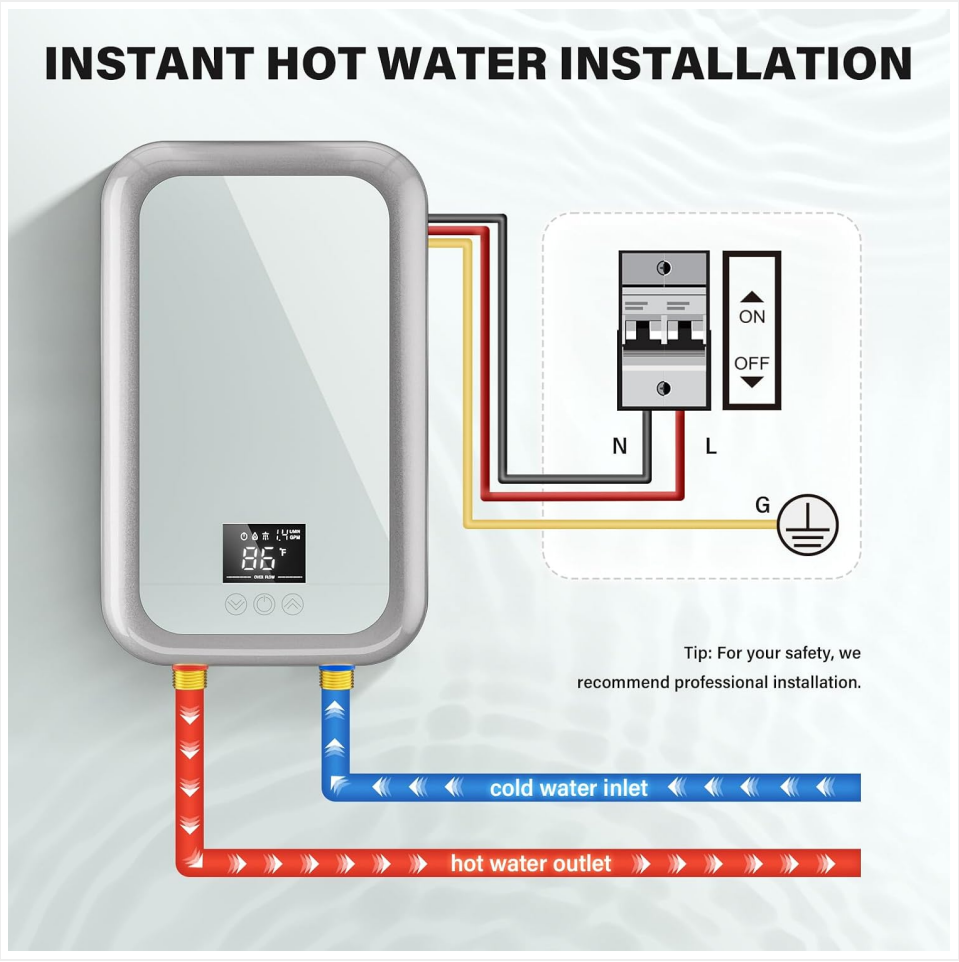
Feature	Specification
Brand	Nessxa
Model Number	RE9K
Wattage	9000 Watts
Voltage	240 Volts
Maximum Amperage	37.5 Amps
Minimum Circuit Breaker	1x40 Amp
Maximum Temperature	131°F (55°C)
Temperature Range	86°F - 131°F (30°C - 55°C)
Minimum Activation Flow	0.32 GPM (1.2 L/min)
Water Connections	1/2" NPT
Waterproof Rating	IPX4
Product Dimensions (W x H)	8.85" x 13.77"
Item Weight	5.75 Pounds
Mount Type	Wall

4. Installation Instructions

Professional installation by a licensed electrician and plumber is highly recommended. Incorrect installation can lead to electric shock, fire, or water damage. Always consult local electrical and plumbing codes.

Installation Steps (Overview):

1. **Choose Location:** Select a suitable wall location near the point of use, ensuring adequate space for mounting and connections. The unit should be protected from freezing temperatures.
2. **Mount the Unit:** Securely mount the water heater to the wall using appropriate hardware.
3. **Water Connections:** Connect the cold water inlet (blue) and hot water outlet (red) to your plumbing system using 1/2-inch NPT fittings. Ensure all connections are watertight.
4. **Electrical Connections:** Connect the unit to a dedicated 240V, 40A circuit. Follow the wiring diagram provided in the full manual. Ensure proper grounding.
5. **Flush System:** Before powering on, open a hot water faucet to flush air from the system until water flows smoothly.
6. **Check for Leaks:** Inspect all water connections for leaks.
7. **Power On:** Once all connections are secure and checked, restore power to the unit.



Installation diagram for the Nessxa RE9K Tankless Water Heater, showing electrical connections (N, L, G to circuit breaker) and water connections (cold water inlet, hot water outlet). Professional installation is recommended.

5. Operating Instructions

The Nessxa RE9K water heater features a user-friendly digital touchscreen for easy operation.

Basic Operation:

1. **Power On:** Ensure the unit is properly installed and connected to power. The digital display will illuminate.
2. **Adjust Temperature:** Use the touch controls (up/down arrows) on the digital display to set your desired water temperature. The temperature can be adjusted between 86°F (30°C) and 131°F (55°C).
3. **Real-time Display:** The screen will show the current water temperature as it heats.
4. **Hot Water Flow:** Open the hot water faucet at your point of use. The unit will activate and begin heating water instantly as it flows through.
5. **Power Off:** To turn off the unit, press the power button on the display. For extended periods of non-use, it is recommended to turn off the circuit breaker.

The unit will only consume power when hot water is being drawn, making it energy efficient.

6. Maintenance

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

Recommended Maintenance:

- **Exterior Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Check Water Connections:** Periodically inspect water connections for any signs of leaks or corrosion. Tighten connections if necessary.
- **Inlet Filter Cleaning:** The cold water inlet may have a filter screen. Refer to the full manual for instructions on how to access and clean this filter to prevent sediment buildup.
- **Descaling:** While tankless heaters are less prone to scale buildup than tank heaters, descaling may be necessary in areas with hard water. Consult a professional plumber for descaling services if water flow or heating performance decreases.
- **Freeze Protection:** The unit has built-in freeze protection. However, if the unit is installed in an unheated area and temperatures are expected to drop significantly, consider additional insulation or draining the unit if it will be unused for an extended period.

7. Troubleshooting

If you experience issues with your water heater, refer to the following common troubleshooting steps. For complex problems, contact a qualified technician.

Common Issues and Solutions:

- **No Hot Water / Unit Not Turning On:**
  - Check if the circuit breaker is tripped. Reset if necessary.
  - Ensure the unit is receiving power.
  - Verify that the minimum activation flow rate (0.32 GPM) is met.
  - Check for any error codes on the digital display and consult the full manual for their meaning.
- **Water Not Hot Enough:**
  - Increase the temperature setting on the digital display.
  - Ensure the incoming cold water temperature is not excessively low, which can affect output temperature.
  - Check for proper water flow; excessive flow can reduce output temperature.
- **Water Leaks:**

- Immediately turn off the water supply and electrical power to the unit.
- Inspect all plumbing connections for tightness.
- If the leak persists or is from within the unit, contact a qualified plumber or the manufacturer.

- **Unit Shuts Off Unexpectedly:**
  - This could be due to the over-temperature protection activating. Check if the outlet temperature exceeds 55°C.
  - Ensure proper ventilation around the unit.
  - If the issue is frequent, contact customer support.

For further assistance, refer to the detailed troubleshooting section in the complete product manual or contact Nessxa customer support.

8. Warranty and Support

Nessxa products are designed for reliability and performance. Specific warranty details, including coverage period and terms, are typically provided with your purchase documentation or can be found on the official Nessxa website.

Customer Support:

If you have questions regarding installation, operation, maintenance, or require technical assistance, please refer to the contact information provided in your product packaging or visit the official Nessxa support website for the most up-to-date contact details and resources.

Please have your model number (RE9K) and purchase date available when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question