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NTSUMI REJRYJ030329

NTSUMI HE 55220 Water Heater Element Instruction Manual

Model: HE 55220 (Part Number: REJRYJ030329)

Product Overview

The NTSUMI HE 55220 Water Heater Element is a replacement heating component designed for various electric tankless water heaters. It features a screw-in construction and is made from high-quality copper, offering resistance to high temperatures and corrosion, good thermal conductivity, and resistance to mineral accumulation. This element is engineered to provide fast heating, addressing issues such as low water temperature, prolonged heating times, or complete lack of heating in compatible units.

Specifications

Model Number	HE 55220 (REJRYJ030329)
Material	High-quality Copper
Power Rating (220V)	5.5 kW
Power Rating (240V)	6 kW
Construction	Screw-in Structure
Item Weight	11.7 ounces
Package Dimensions	9.72 x 2.44 x 1.69 inches
Replacement Part Number	HE 55220, 60208

Compatible Models

This heating element is compatible with the following electric tankless water heater models:

- **EcoSmart:** ECO POU 6, ECO 8, ECO 11
- **Eemax:** HA013240, HA011240, PR013240, PR011240, EEM24013, EEM24011, EEM24006
- **Rheem:** RTEX-13, RTEX-11, RETEX-13, RETEX-11, RTEX-06, RETEX-06
- **Richmond:** RMTEX-06

Installation Instructions

Safety Warning: Before beginning installation, ensure all power and water sources to the water heater are disconnected. Failure to do so may result in electric shock, burns, or property damage. If you are unsure about any step, consult a qualified professional.

1. **Disconnect Power and Water:** Completely disconnect the water heater from all electrical power and water supply sources.
2. **Drain Water Heater:** Release all water from the water tank.
3. **Remove Burner Assembly Pipe:** Carefully remove the burner assembly pipe.
4. **Access Heating Element:** Remove the screws from the heating element cover and detach it to expose the element.
5. **Disconnect Wiring:** Use a Phillips screwdriver to unscrew the wiring connected to the old heating element.
6. **Remove Old Element:** Carefully remove the old heating element.
7. **Install New Element:** Insert the new NTSUMI HE 55220 water heater element into position.
8. **Reconnect Wiring:** Securely reconnect the wiring to the new heating element using a Phillips screwdriver.
9. **Reassemble:** Reattach the heating element cover and burner assembly pipe.
10. **Restore Water and Power:** Once all components are securely in place and checked, slowly restore the water supply, checking for leaks. Then, restore electrical power to the unit.



Image: Internal view of a tankless water heater, illustrating the location of the heating element.



Image: Detailed view of the water heater's internal wiring, indicating where the heating element connects.

Operating Instructions

The NTSUMI HE 55220 Water Heater Element functions automatically once installed correctly within a compatible tankless water heater. Its primary role is to heat water efficiently. Refer to your specific tankless water heater's user manual for detailed operating instructions, temperature adjustments, and safety guidelines.



Image: A child enjoying a bath, demonstrating the outcome of a properly functioning water heater element.

Maintenance

To ensure the longevity and optimal performance of your NTSUMI HE 55220 Water Heater Element and the overall water heater unit, consider the following general maintenance tips:

- **Regular Inspection:** Periodically inspect the heating element and its connections for any signs of wear, corrosion,

or mineral buildup.

- **Mineral Buildup Prevention:** In areas with hard water, mineral buildup can reduce efficiency. Consult your water heater's manual for descaling procedures or consider water softening solutions. The copper material of this element is designed to resist mineral accumulation, but regular checks are still recommended.
- **Professional Servicing:** For complex maintenance or if you suspect an issue, it is advisable to contact a qualified technician.

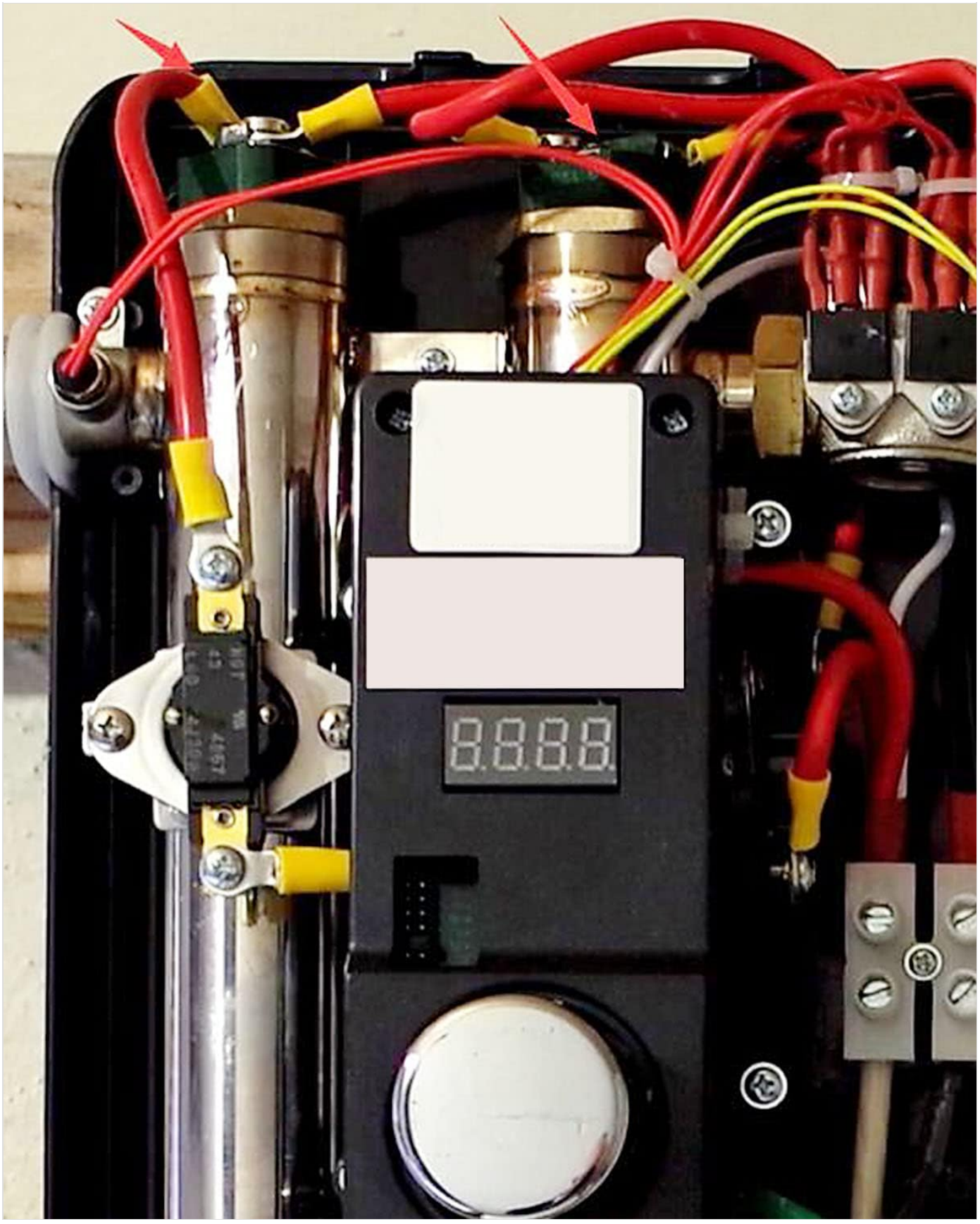


Image: A detailed view of the copper heating element, emphasizing its robust construction and screw-in design.

Troubleshooting

If your water heater is experiencing issues after replacing the heating element, consider the following common problems and solutions:

- **No Hot Water or Insufficient Heating:**
  - Ensure the power supply to the water heater is active and the circuit breaker has not tripped.
  - Verify that the new heating element is correctly wired and securely connected.
  - Check the water heater's thermostat settings.
  - Inspect for any leaks around the element, which could indicate improper sealing.
- **Long Heating Time:**
  - Confirm the element's power rating (5.5 kW at 220V or 6 kW at 240V) matches your water heater's requirements.
  - Check for excessive mineral buildup on the element, which can reduce heating efficiency.
- **Element Failure (e.g., "fried" element):**
  - Ensure the correct voltage and wattage element is used for your specific water heater model. Incorrect specifications can lead to premature failure.
  - Verify proper installation, including secure wiring and adequate water flow.

For persistent issues or complex repairs, it is strongly recommended to contact a certified electrician or plumbing professional.

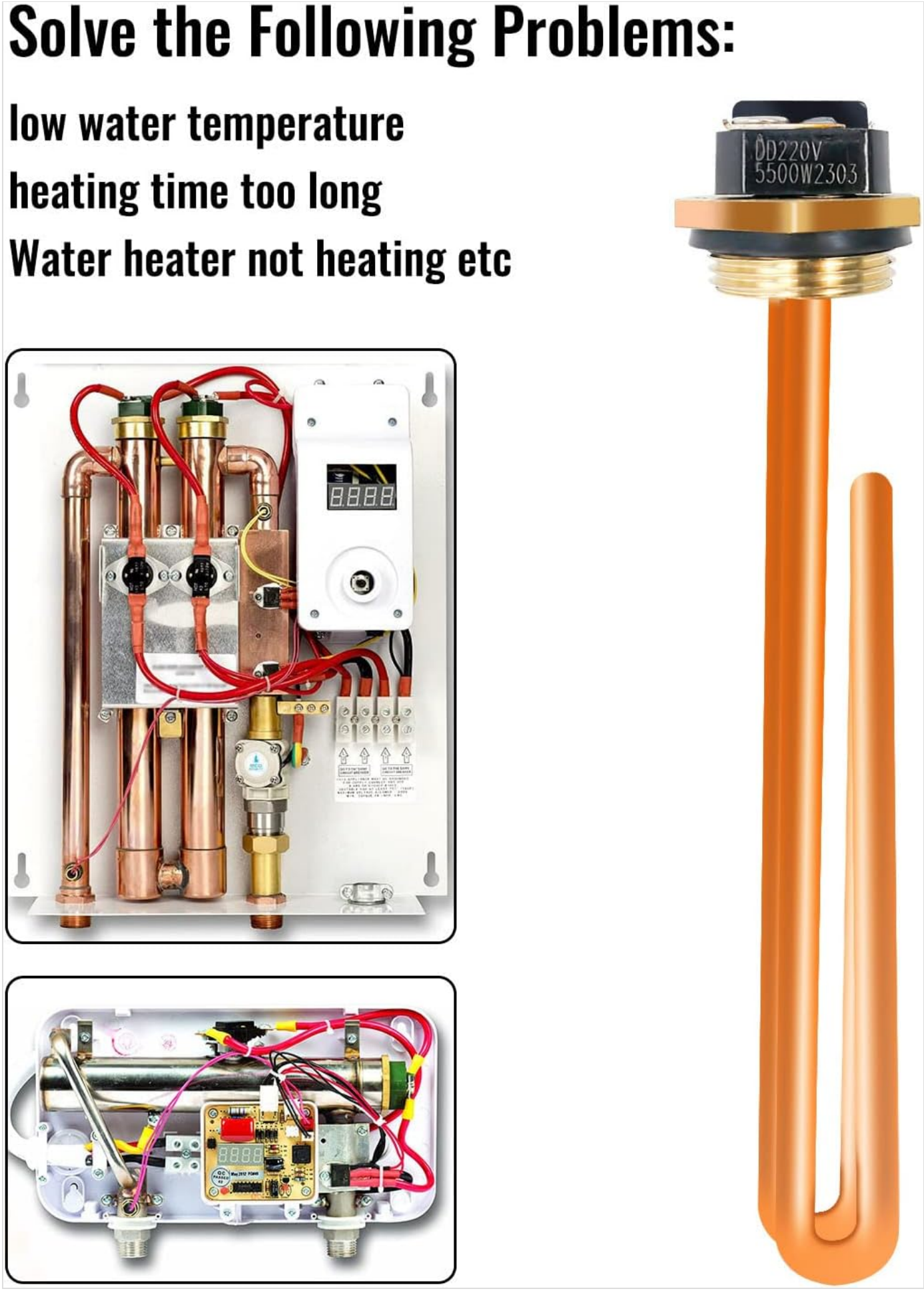


Image: Visual representation of common water heater issues that a new heating element can resolve.

Product Media

Your browser does not support the video tag.

Video: An overview of the NTSUMI HE 55220 Water Heater Element, showcasing its screw-in construction, high-quality copper material, and resistance to mineral buildup.

Warranty and Support

For specific warranty information regarding the NTSUMI HE 55220 Water Heater Element, please refer to the documentation provided with your purchase or contact NTSUMI customer support directly. If you have any questions or require technical assistance, please feel free to contact our technical team.

Contact Information: Refer to your product packaging or the NTSUMI official website for the most current customer support details.

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