



Manuals.plus /

- › Titan /
- › Titan Electric Tankless Water Heater N-120 Instruction Manual

Titan N-120

Titan Electric Tankless Water Heater N-120 Instruction Manual

Model: N-120 | Brand: Titan

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation of your Titan N-120 Electric Tankless Water Heater. The Titan N-120 is a compact, high-efficiency unit designed to provide on-demand hot water. Please read all instructions carefully before installation and use.



Figure 1: Titan N-120 Electric Tankless Water Heater

2. SAFETY INFORMATION

- Installation must be performed by a qualified electrician and plumber in accordance with all local and national codes.
- Ensure the electrical supply meets the unit's requirements (220 V, 54 Max Amps, 11.8 kW).
- Disconnect power supply before servicing the unit.
- Do not operate the unit if it is damaged or malfunctioning.
- Maintain proper clearances around the unit as specified in the full installation guide.

3. SETUP AND INSTALLATION

The Titan N-120 is designed for indoor wall-mount installation. Proper installation is crucial for safety and performance.

3.1 Electrical Requirements

- Voltage: 220 VAC
- Amperage: 54 Amps (requires a double pole 60 amp breaker)
- Wiring: 1, 6/2 wire line is typically required. Consult a qualified electrician.
- Ensure the electrical panel can support the unit's power draw.

3.2 Plumbing Requirements

- Compression Fittings: 1/2" are typically used.
- The unit is suitable for use with hard, soft, well, or city water.
- Install shut-off valves on both the hot and cold water lines for maintenance.
- Consider installing a sediment filter on the incoming cold water line to protect the unit, especially with well water.

4. OPERATING INSTRUCTIONS

The Titan N-120 operates on demand, heating water only when a hot water faucet is opened. The electronic control panel allows for temperature adjustment.

4.1 Temperature Control

The unit features an electronic control panel with red and blue buttons to adjust the water temperature. The LED indicators display the current heat setting (Low, Medium, High).

- Press the **blue button** to decrease the temperature.
- Press the **red button** to increase the temperature.
- Each illuminated LED bar represents a degree of heat. Adjust to your desired comfort level.
- Be cautious when setting to the highest temperature, as the water can become very hot.



Figure 2: Electronic Temperature Control Panel

5. MAINTENANCE

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

- **Sediment Filter Cleaning:** If a sediment filter is installed, check and clean it periodically, especially if you notice reduced water flow or temperature issues. The frequency depends on your water quality.
- **Descaling:** In areas with hard water, mineral buildup (scale) can affect performance. Consult a professional for descaling procedures if necessary.
- **Visual Inspection:** Periodically inspect the unit and connections for any signs of leaks, corrosion, or damage.
- Always disconnect power to the unit before performing any maintenance.

6. TROUBLESHOOTING

If you experience issues with your Titan N-120, consider the following common troubleshooting steps:

- **No Hot Water:**
 - Check if the unit is receiving power and if the circuit breaker has tripped.
 - Ensure the cold water inlet valve is fully open.
 - Verify the temperature setting on the control panel.
- **Insufficient Hot Water/Fluctuating Temperature:**
 - Check for mineral buildup in the unit or sediment filter.
 - Ensure the water flow rate is within the unit's operating parameters.
 - Confirm the temperature setting is appropriate for your incoming water temperature and desired output.
- **Leaks:**
 - Immediately shut off the water supply and electrical power to the unit.
 - Inspect all plumbing connections for tightness.
 - If a leak persists, contact a qualified plumber or the manufacturer.

For complex issues or if troubleshooting steps do not resolve the problem, contact Titan customer support or a qualified professional.

7. SPECIFICATIONS

Feature	Detail
Brand	Titan
Model Number	N-120
Power Source	Corded Electric
Voltage	220 Volts
Wattage	11800 watts
Max Amps	54 Amps
Efficiency	99.5%
Product Dimensions (W x H x D)	9.6" x 12" x 2.75"
Mount Type	Wall
Material Type	Titanium
Special Features	High energy efficiency, dual heating chambers, on-demand water control
Manufacturer	Niagara Industries Inc
UPC	713356111404

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Titan N-120 Electric Tankless Water Heater comes with a **10-year warranty on water-carrying components** and a **1-year warranty on the rest of the tankless water heater unit**. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty service, or further inquiries, please contact Niagara Industries Inc., the manufacturer of Titan water heaters. Refer to the product packaging or the official Titan website for the most current contact information. It is recommended to have your model number (N-120) and purchase date available when contacting support.