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› [Bradford White RE350T6-1NCWW 50 Gallon 240V Electric Water Heater User Manual](#)

## Bradford White RE350T6-1NCWW

# Bradford White RE350T6-1NCWW 50 Gallon 240V Electric Water Heater User Manual

Model: RE350T6-1NCWW | Brand: Bradford White

## INTRODUCTION

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This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Bradford White RE350T6-1NCWW 50 Gallon 240V Electric Water Heater. Please read all instructions carefully before proceeding with installation or use to ensure optimal performance and longevity of your appliance.

## SETUP AND INSTALLATION

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Proper installation is crucial for the safe and efficient operation of your water heater. It is highly recommended that installation be performed by a qualified professional.

### Location Requirements

- Ensure the installation area can support the weight of the water heater when full (approximately 150 lbs dry weight + 50 gallons \* 8.34 lbs/gallon = ~567 lbs).
- The unit dimensions are 23 inches (W) x 61 inches (H). Allow adequate clearance for maintenance and service.
- This model is designed for indoor installation.
- A suitable drain pan should be installed beneath the water heater to collect any leaks.

### Electrical Connections

- This water heater operates on 240V. Ensure your electrical supply matches this requirement.
- The unit includes 4500-watt heating elements.
- All electrical wiring must comply with local codes and regulations.



Figure 1: Front view of the Bradford White RE350T6-1NCWW 50 Gallon Electric Water Heater. This image shows the overall grey cylindrical design of the water heater, with various labels and connections visible on its surface.

## OPERATING INSTRUCTIONS

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Once properly installed and filled with water, your Bradford White water heater is designed for reliable operation.

### Initial Startup

1. Ensure the tank is completely filled with water before turning on the electrical power.
2. Turn on the electrical power to the water heater at the circuit breaker.
3. The 4500-watt heating elements will begin to heat the water. This model features non-simultaneous operation, meaning the elements heat sequentially, not at the same time.

### Temperature Adjustment

The water heater is equipped with a reliable thermostat. Refer to the labels on the unit for instructions on how to safely adjust the water temperature. **Caution:** Water temperatures over 125°F (52°C) can cause severe burns instantly or scalds. Always test water temperature before bathing or showering.

### Hot Water Supply

The 50-gallon capacity provides a substantial supply of hot water, suitable for multiple uses such as back-to-back showers, laundry, and dishwashing. The unit is designed for fast recovery, ensuring consistent hot water availability.

## MAINTENANCE

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Regular maintenance helps extend the life and efficiency of your water heater.

### Anode Rod Inspection and Replacement

Your water heater is equipped with a protective magnesium anode rod. This rod provides added protection against

corrosion, contributing to a long, trouble-free service life. It should be inspected annually and replaced when significantly depleted. Consult a qualified plumber for this service.

## Draining and Flushing

To prevent sediment buildup, periodically drain and flush the water heater tank. This helps maintain efficiency and prevent premature failure. Refer to the full product manual for detailed instructions or consult a professional.

## General Care

Keep the area around the water heater clear of obstructions and flammable materials. Regularly check for any signs of leaks or unusual operation.

## TROUBLESHOOTING

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If you experience issues with your water heater, the following general tips may help. For complex problems, always contact a qualified service technician.

### No Hot Water

- Check the circuit breaker to ensure power is supplied to the unit.
- Verify that the thermostat is set to a desired temperature.
- Ensure the tank is full of water.

### Insufficient Hot Water

- The 50-gallon tank capacity is designed for typical household use. If demand exceeds capacity, allow time for recovery.
- Check for excessive sediment buildup in the tank, which can reduce efficiency.
- Ensure the thermostat is set appropriately.

### Leaks

- Immediately shut off the water supply and electrical power to the unit.
- Identify the source of the leak. Some leaks may be minor and repairable, while others may indicate a need for replacement.
- Contact a qualified plumber for inspection and repair.

## SPECIFICATIONS

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Feature	Detail
Brand	Bradford White
Model Number	RE350T6-1NCWW
Capacity	50 Gallons
Voltage	240 Volts
Wattage (Heating Elements)	4500 Watts (Non-simultaneous)
Product Dimensions (W x H)	23" x 61"

Feature	Detail
Item Weight	150 pounds
UPC	671632790968
Style	Indoor Installation
Included Components	Water Heater

## WARRANTY AND SUPPORT

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Bradford White water heaters are known for their durability and are built to last. For specific warranty details, please refer to the warranty card included with your product or visit the official Bradford White website. For technical support, service, or to inquire about non-standard voltages (120V, 208V, 277V, 480V), please contact Bradford White customer service.

**Customer Service:** Refer to your product documentation or the manufacturer's website for current contact information.