

RecPro RP-1057-60BTU

RecPro RV Tankless Hot Water Heater Instruction Manual

Model: RP-1057-60BTU | Brand: RecPro

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your RecPro RV Tankless Hot Water Heater. Designed for recreational vehicles, this 60,000 BTU on-demand gas heater delivers consistent hot water, enhancing your travel experience. Please read this manual thoroughly before installation and use to ensure safe and efficient operation.

IMPORTANT SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Ensure proper ventilation.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Verify all gas and water connections are secure and leak-free before operation.
- Only qualified personnel should perform installation and service.

SAFETY FEATURES

- Flameout Protection
- Blower Monitoring
- Temperature Monitoring
- And Many Others

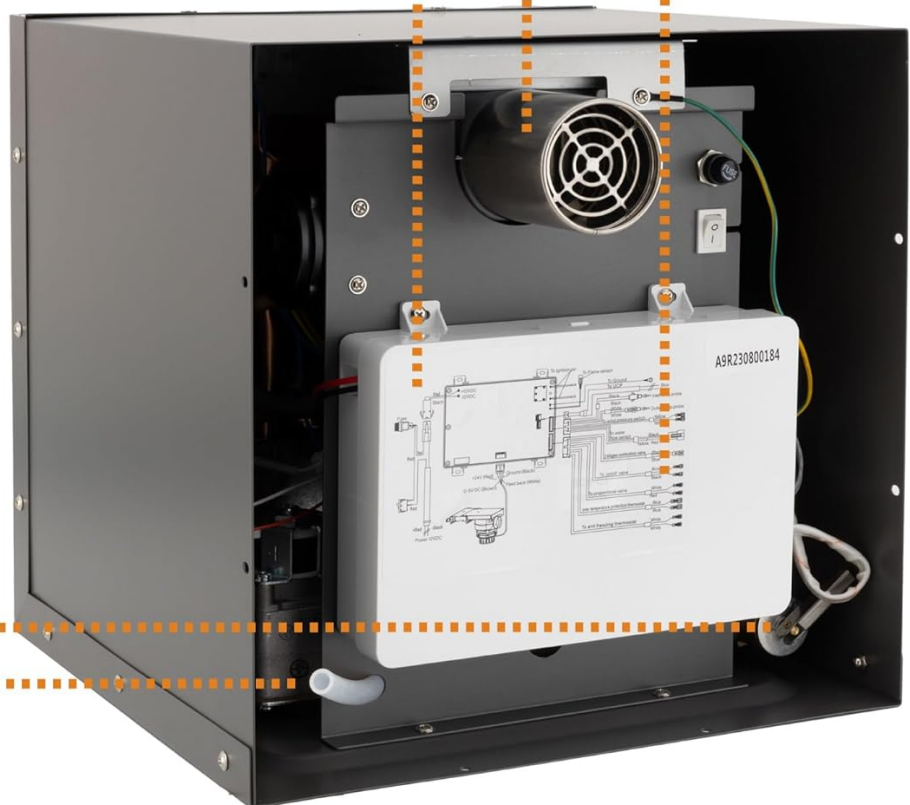


Figure 1: Safety Features Overview. This diagram highlights key safety mechanisms such as flameout protection, blower monitoring, and temperature monitoring, which are integrated into the water heater's design for user safety.

SETUP AND INSTALLATION

This section outlines the general steps for installing your RecPro RV Tankless Hot Water Heater. Professional installation is recommended.

Pre-Installation Checklist:

- Confirm correct model and door size (18" door for this unit).
- Ensure adequate space for installation and ventilation.
- Gather necessary tools and materials (e.g., sealant, wrenches, gas line fittings).
- Verify RV's propane supply and 12V DC electrical system are compatible.

Installation Steps:

1. **Mounting:** Securely mount the unit in the designated exterior compartment of your RV. Ensure the unit is level and properly sealed to prevent water intrusion.
2. **Gas Connection:** Connect the RV's propane supply line to the 3/8" NPT propane fitting on the water heater. Use appropriate thread sealant and check for leaks using a leak detection solution.
3. **Water Connections:** Connect the cold water inlet and hot water outlet lines. Ensure proper flow direction.
4. **Electrical Connection:** Connect the 12V DC power supply to the unit's electrical terminals. Ensure correct polarity.
5. **Remote Control Installation:** Install the wired remote control in a convenient interior location. Connect the remote cable to the water heater unit.
6. **Ventilation:** Ensure the exhaust vent is clear and unobstructed. Do not block any openings on the exterior door.



Figure 2: Installed Unit. This image shows the RecPro RV Tankless Water Heater properly installed on the exterior of an RV, demonstrating how the white door integrates with the vehicle's design.



3/8" NPT Propane Fitting



High Quality Control Board



Convenient Water Heater Remote

DO NOT BLOCK ANY OPENINGS

Figure 3: Key Components. This image details the 3/8" NPT propane fitting for gas connection, the internal control board, and the wired remote control, illustrating the unit's main functional parts.

OPERATING INSTRUCTIONS

Your RecPro RV Tankless Hot Water Heater is designed for user-friendly operation via the wired remote control.

Remote Control Functions:



Figure 4: Wired Remote Control. This image displays the digital remote control unit, featuring buttons for power, temperature adjustment, and unit selection (Celsius/Fahrenheit).

- **Power Button:** Press to turn the unit ON or OFF.
- **Temperature Adjustment:** Use the **Up** and **Down** arrows to set your desired hot water temperature. The maximum temperature is 122°F (50°C).
- **°C/°F Toggle:** Press the **C/F** button to switch between Celsius and Fahrenheit temperature displays.
- **Display:** The digital display shows the current output temperature.

Starting the Unit:

1. Ensure propane supply is open and water supply is connected.
2. Turn on the unit using the power button on the remote control.
3. Set your desired temperature.
4. Open a hot water faucet in your RV. The heater will automatically ignite and begin producing hot water.

The unit features a low water flow startup, ensuring efficient operation even with minimal water demand. Electronic gas modulation technology maintains a consistent hot water temperature.



Figure 5: Tankless System Operation. This image demonstrates how the remote control interacts with the tankless water heater to easily adjust temperature settings, highlighting the on-demand hot water feature.

MAINTENANCE

Regular maintenance ensures the longevity and efficient performance of your tankless water heater.

- **Annual Inspection:** Have a qualified technician inspect the unit annually, including gas connections, water lines, and electrical components.
- **Ventilation Check:** Periodically inspect the exhaust vent and air intake for obstructions (e.g., debris, insect nests). Keep the exterior door openings clear.
- **Winterization:** In freezing temperatures, ensure the unit is properly winterized to prevent damage. This typically involves draining all water from the system and potentially using RV antifreeze. The unit has automatic freezing protection, but proper winterization is still crucial for RV systems.
- **Exterior Cleaning:** Keep the exterior door clean. Do not use abrasive cleaners.

TROUBLESHOOTING

This section provides solutions for common issues you might encounter.

Problem	Possible Cause	Solution
No hot water / Unit not igniting	No propane supply, low water flow, electrical issue, remote off.	Check propane tank and lines. Ensure adequate water pressure. Verify 12V power and remote is on.
Inconsistent water temperature	Fluctuating water flow, incorrect temperature setting.	Maintain consistent water flow. Adjust temperature setting on remote.
Unit cycles on and off rapidly	Insufficient water flow, air in lines.	Increase water flow. Bleed air from hot water lines.
Error code on remote	Specific system fault.	Refer to the full owner's manual for a list of error codes and their corresponding solutions. Contact customer support if the issue persists.

For issues not listed here, or if troubleshooting steps do not resolve the problem, please contact RecPro customer support.

SPECIFICATIONS

Brand	RecPro
Model Number	RP-1057-60BTU

Product Dimensions	15"W x 15"H (Unit), 18" Door
BTU Rating	60,000 BTU
Power Source	Gas Powered (Propane)
Voltage	12 Volts DC
Wattage	20 Watts
Maximum Temperature	122 Degrees Fahrenheit (50°C)
Special Features	Adjustable thermostat, Automatic freezing protection, Automatic ignition, Flame Failure Protection, Remote controlled
Item Weight	20.3 pounds
Included Components	Remote control, Tankless hot water heater
UPC	193652105800

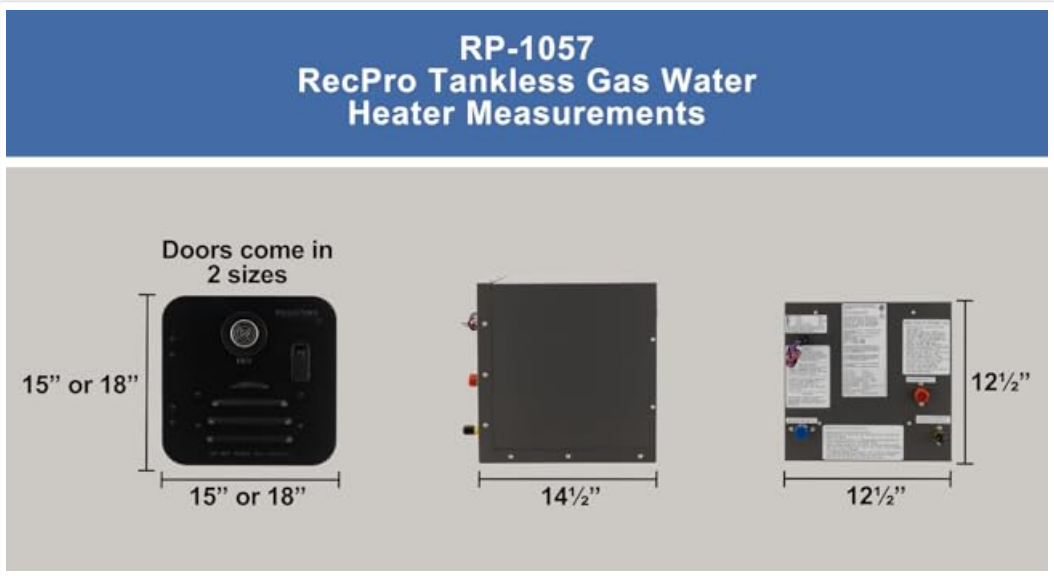


Figure 6: Product Dimensions. This diagram illustrates the physical measurements of the RP-1057 unit, including the main body and the available door sizes (15" or 18").

WARRANTY INFORMATION

The RecPro RV Tankless Hot Water Heater comes with a **1 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use and service. For specific terms, conditions, and to make a warranty claim, please refer to the official warranty documentation included with your product or contact RecPro customer support.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact RecPro customer support. You can

find contact information on the RecPro website or in the packaging materials.

Visit the official RecPro store for more products and information:[RecPro Store on Amazon](#)

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