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› [GIRARD Tankless RV Water Heater, 12V Power, 42,000 BTUs, Quiet Operation, Onboard Microprocessor, Digital User Control Panel, Freeze Protection, Easy Installation - 2022107534](#)

GIRARD 2022107534

GIRARD Tankless RV Water Heater User Manual

Model: 2022107534

Brand: GIRARD

PRODUCT OVERVIEW

The GIRARD Tankless RV Water Heater provides on-demand hot water for recreational vehicles. This unit features a 12V power supply, 42,000 BTUs of heating capacity, and quiet operation. An onboard microprocessor intelligently manages water temperature and flow, ensuring a consistent hot water supply. The digital user control panel allows for precise temperature adjustments and provides diagnostic information.

Key features include:

- **Powerful Performance:** 42,000 BTUs for optimal RV plumbing performance, operating on 12V power at less than three amps for quiet operation.
- **Consistent Temperature:** Microprocessor monitors incoming and outgoing water temperatures and flow rate to maintain a steady water flow and prevent temperature fluctuations.
- **High Efficiency:** Consumes approximately half the LP gas compared to a six-gallon tank water heater for the same hot water output.
- **Intelligent Control:** Digital user control panel allows temperature adjustment from 95 to 124°F, Fahrenheit/Celsius toggle, continuous water outlet temperature reading, and error code display for troubleshooting.



Figure 1: Internal view of the GIRARD Tankless RV Water Heater, showing the main components and labeling.

INSTALLATION AND SETUP

The GIRARD Tankless RV Water Heater is designed for straightforward installation, fitting into standard tank water heater openings without requiring special plumbing modifications.

EASY INSTALLATION

Fits in any tank water heater cut-out opening and weighs 23 lbs.



Representative Image



Figure 2: The water heater fits into standard RV tank water heater cut-out openings. The exterior access panel is shown.

Important Considerations:

- Professional installation is strongly recommended to ensure proper function and safety.
- Ensure the unit is installed in a location that allows for adequate ventilation and access for maintenance.
- The water heater door is hinged for easy access.

APPROXIMATE DIMENSIONS

42,000 BTUs - 12V power that operates at less than 3 amp

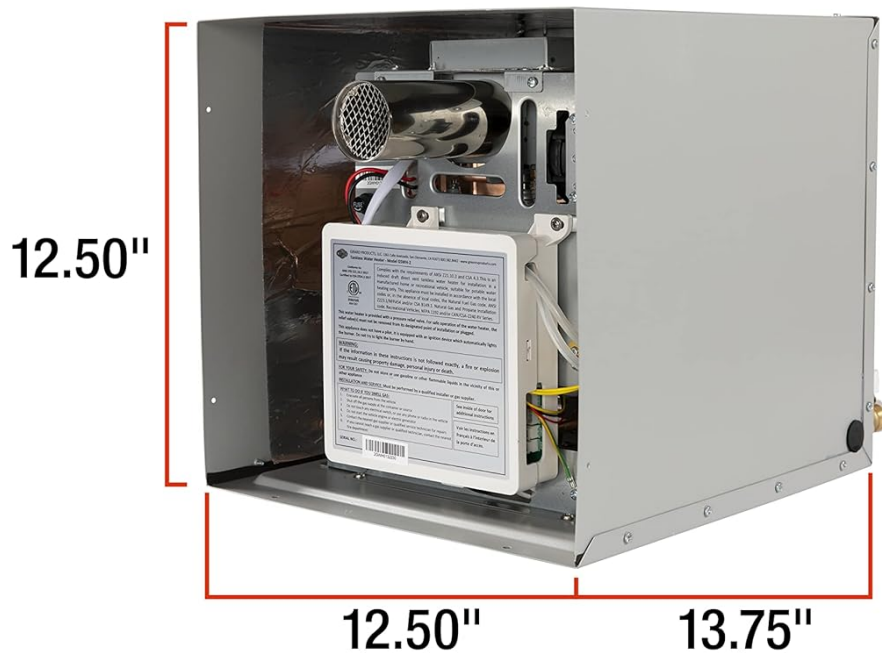


Figure 3: Approximate dimensions of the water heater for installation planning.

For detailed installation instructions, refer to the complete User Guide.

OPERATING INSTRUCTIONS

The GIRARD Tankless RV Water Heater is controlled via a digital user control panel, allowing for precise temperature management and system monitoring.

INTELLIGENT CONTROL

With a digital user control panel, adjust the temperature setting from 95 to 124°F, get a continuous water outlet temperature reading and more



Figure 4: The digital user control panel allows for temperature adjustments and system monitoring.

Temperature Adjustment:

- Use the control panel to set the desired water temperature between 95°F and 124°F.
- The panel displays the continuous water outlet temperature.
- You can toggle between Fahrenheit and Celsius temperature readings.

The onboard microprocessor continuously monitors incoming cold water temperature, flow rate, and outgoing hot water temperature to ensure a consistent and steady flow of hot water.

CONSISTENT TEMP

The onboard microprocessor monitors incoming cold water temperature, flow rate and outgoing hot water temperature



Figure 5: Internal components demonstrating the system's ability to maintain consistent water temperature.

MAINTENANCE

Regular maintenance is crucial for the longevity and efficient operation of your GIRARD Tankless RV Water Heater. While specific maintenance schedules are detailed in the full user manual, general recommendations include:

- Periodically inspect the unit for any visible signs of wear or damage.
- Ensure the exhaust and intake vents are clear of obstructions.
- Follow manufacturer guidelines for winterization to protect against freezing temperatures. The unit includes freeze protection features, but proper winterization is still recommended for storage.

HIGHLY EFFICIENT

Consumes half the LP gas that a six-gallon tank water heater would consume for the same amount of hot water



Representative Image

Figure 6: The exhaust vent, part of the highly efficient design, should be kept clear.

For detailed maintenance procedures and schedules, please consult the comprehensive User Manual.

TROUBLESHOOTING

The digital user control panel provides diagnostic information and displays error codes if issues arise, aiding in quick troubleshooting.

If you encounter an issue, first check the control panel for any displayed error codes and refer to the troubleshooting section in the full User Manual for corresponding solutions.

Common issues and initial checks may include:

- **No Hot Water:** Verify power supply, water supply, and propane levels. Check for any tripped circuit breakers or blown fuses.
- **Inconsistent Temperature:** Ensure adequate water flow and check for air in the lines.
- **Error Codes:** Consult the User Manual for specific meanings and corrective actions for any displayed codes.

If problems persist after performing basic troubleshooting steps, it is recommended to contact a qualified service technician or GIRARD customer support.

SPECIFICATIONS

Feature	Specification
Brand	GIRARD
Model Number	2022107534
Product Dimensions (W x H x D)	12.5" x 12.5" x 13.75"
Item Weight	22 pounds
Wattage	42000 watts
Voltage	12 Volts
Heat Output	42000 British Thermal Units (BTUs)
Maximum Temperature	124 Degrees Fahrenheit
Efficiency	Half the fuel consumption of traditional 6-gallon tank water heaters
Mounting Type	Wall
UPC	846611000561

WARRANTY AND SUPPORT

For detailed warranty information, technical support, or to obtain replacement parts, please refer to the official GIRARD website or contact their customer service department.

Additional resources:

- [Download User Guide \(PDF\)](#)
- [Download User Manual \(PDF\)](#)

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This manual is for informational purposes only. Specifications are subject to change without notice.