

Rheem RTGH-95DVLN-3

Rheem RTGH-95DVLN-3 9.5 GPM Indoor Natural Gas Tankless Water Heater Instruction Manual

Model: RTGH-95DVLN-3

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Rheem RTGH-95DVLN-3 9.5 GPM Indoor Natural Gas Tankless Water Heater. Please read all instructions thoroughly before installation and use. Retain this manual for future reference.

SAFETY INFORMATION

WARNING:

- Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Refer to this manual. For assistance or additional information, consult a qualified installer, service agency, or the gas supplier.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Installation and service must be performed by a qualified installer, service agency, or the gas supplier.
- Ensure adequate ventilation.

PRODUCT OVERVIEW

The Rheem RTGH-95DVLN-3 is a super high-efficiency indoor condensing natural gas tankless water heater designed to provide continuous hot water. Key features include:

- **Continuous Hot Water:** Delivers hot water on demand, eliminating the need for a storage tank.
- **High Efficiency:** Designed for energy savings.
- **Integrated Digital Display:** Allows for easy temperature adjustment and monitoring.
- **Compact Design:** Space-saving wall-mounted unit.
- **Hot Start Programming:** Minimizes cold water bursts during frequent on/off usage.
- **Overheat Film Wrap:** Provides heat exchanger overheat protection.



Figure 1: Front view of the Rheem RTGH-95DVLN-3 Tankless Water Heater, showing the digital display and Rheem logo.



Figure 2: Side view of the Rheem RTGH-95DVLN-3 Tankless Water Heater, highlighting its compact profile.

SPECIFICATIONS

Feature	Detail
Brand	Rheem
Model Number	RTGH-95DVLN-3
Product Dimensions (W x H x D)	17.7" x 23.7" x 9.8"
Item Weight	59.9 pounds

Feature	Detail
Fuel Type	Natural Gas
Maximum Flow Rate	9.5 Gallons Per Minute (GPM)
BTU Rating	199,900 BTU
Voltage	120 Volts
Maximum Temperature	140 Degrees Fahrenheit (default 120F)
Efficiency	0.93
Installation Type	Indoor, Wall Mount
Special Feature	Integrated Digital Display



Figure 3: Product dimensions for the Rheem RTGH-95DVLN-3.



Performance Guide – RTGH Series

Performance for LP, NP and EV model variants

Water Flow (GPM)

Model Number	Temperature Rise (°F)								
	35°	45°	50°	60°	67°	70°	80°	90°	100°
RTGH-95DVL-3	9.5	8.5	7.7	6.4	5.7	5.5	4.8	4.3	3.8
RTGH-90DVL-3	9.0	7.7	6.9	5.8	5.2	4.9	4.3	3.8	3.5
RTGH-84DVL-3	8.4	6.7	6.0	5.0	4.6	4.3	3.8	3.3	3.0
RTGH-68DVL-3	6.6	5.1	4.6	4.6	3.4	3.3	2.9	2.6	2.3

Above estimates are for sizing purposes only.

Figure 4: Performance guide for RTGH Series models, showing water flow (GPM) at various temperature rises.

INSTALLATION

Installation of this tankless water heater requires knowledge of gas, water, and electrical systems. It is highly recommended that installation be performed by a qualified professional to ensure safety and compliance with local codes.

Pre-Installation Checklist:

- Verify inlet and exhaust connection sizes and required materials.
- Confirm maximum length of vent run allowed.
- Check if the selected unit can deliver your required water temperature in your region.
- Ensure required installed unit clearance is met.

Replacing a Gas Tank with Tankless Gas Checklist:

- **Venting:** Condensing tankless units use PVC and Non-Condensing stainless steel exhaust venting. You may not be

able to use the same exhaust venting as your old gas tank.

- **Main Gas Line:** A 3/4" natural gas line is recommended for optimal performance compared to a 1/2" line.
- **Electricity:** Tankless gas water heaters require an electrical power supply to function, which your old gas tank may not have needed.
- **Piping:** Inlet and outlet piping may require alterations to connect the tankless gas water heater.



Figure 5: Example installation of the Rheem RTGH-95DVLN-3 in a utility closet, demonstrating its wall-mounted configuration and required piping.

Your browser does not support the video tag.

Video 1: An introductory video to the Rheem Condensing RTGH Tankless Gas Water Heaters, showcasing its features and benefits. This video provides a visual overview of the product and its operational principles.

OPERATING INSTRUCTIONS

Your Rheem RTGH-95DVLN-3 water heater is designed for user-friendly operation. The integrated digital display allows for easy control of settings.

Temperature Adjustment:

1. Locate the digital display panel on the front of the unit.
2. Use the up and down arrow buttons to adjust the desired water temperature. The default setting is 120°F, with a range of 100°F to 140°F.
3. The display will show the current set temperature.

Hot Start Programming:

The Hot Start Programming feature keeps the water heater in a ready state for approximately 5 minutes after a hot water faucet is turned off. This minimizes cold water bursts during back-to-back uses, such as when doing dishes or taking multiple showers.

Your browser does not support the video tag.

Video 2: This video details the features and benefits of the RTGH-3 Condensing Super High Efficiency Tankless Water Heater, including its operational principles and advanced technologies.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tankless water heater. It is recommended to have a qualified service technician perform annual maintenance.

User Maintenance:

- **Keep Area Clear:** Ensure the area around the water heater is clear of combustible materials, flammable liquids, and corrosive chemicals.
- **Inspect Venting:** Periodically check the venting system for any obstructions, damage, or leaks.
- **Clean Exterior:** Wipe down the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners.

Professional Maintenance (Annual):

- **Flush Heat Exchanger:** To prevent mineral buildup, the heat exchanger should be flushed annually, especially in areas with hard water.
- **Inspect Burners:** Check burners for proper ignition and flame characteristics.
- **Check Gas Pressure:** Verify correct gas pressure to the unit.
- **Examine Water Connections:** Inspect all water connections for leaks.

TROUBLESHOOTING

If you experience issues with your water heater, refer to the following common troubleshooting steps. For persistent problems, contact a qualified service technician.

Problem	Possible Cause	Solution
No hot water or insufficient hot water	<ul style="list-style-type: none">◦ Gas supply off◦ Water flow rate too low◦ Temperature setting too low◦ Unit lockout (error code displayed)	<ul style="list-style-type: none">◦ Ensure gas valve is open.◦ Increase water flow or reduce demand.◦ Adjust temperature setting on digital display.◦ Refer to error code section in full manual or contact service.

Problem	Possible Cause	Solution
Water temperature fluctuates	<ul style="list-style-type: none">◦ Fluctuating water pressure◦ Simultaneous hot water demands◦ Mineral buildup in heat exchanger	<ul style="list-style-type: none">◦ Check household water pressure.◦ Avoid excessive simultaneous hot water use.◦ Schedule professional flushing of the heat exchanger.
Unit displays error code "P1"	<ul style="list-style-type: none">◦ Low water flow or restricted flow (e.g., dirty faucet aerator)	<ul style="list-style-type: none">◦ Check and clean faucet aerators.◦ Ensure all water valves are fully open.◦ If problem persists, contact service.

WARRANTY AND SUPPORT

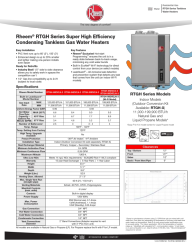

Your Rheem RTGH-95DVLN-3 Tankless Water Heater is covered by a manufacturer's warranty:

- **Labor:** 1 year
- **Heat Exchanger:** 15 years
- **Parts:** 5 years

For warranty claims, technical support, or to locate a qualified service technician, please refer to the contact information provided with your product documentation or visit the official Rheem website.

© 2023 Rheem Manufacturing Company. All rights reserved.

Related Documents - RTGH-95DVLN-3

	<p>Rheem RTGH Series High-Efficiency Condensing Tankless Gas Water Heaters Specs & Features</p> <p>Explore the Rheem RTGH Series Super High Efficiency Condensing Tankless Gas Water Heaters. Get detailed specifications, installation guides, flow rates, and accessories for models RTGH-68, RTGH-84, RTGH-90, and RTGH-95.</p>
	<p>Rheem Tankless Water Heater Outdoor Conversion Kit Installation Instructions</p> <p>Step-by-step installation guide for the Rheem High Efficiency Condensing Tankless Water Heater Outdoor Conversion Kit, covering safety, parts, exhaust hood, junction box, and display setup.</p>

[Rheem Tankless Water Heater Parts & Accessories Catalog 2016](#)

Comprehensive 2016 catalog of replacement parts and accessories for Rheem, Ruud, Richmond, EcoSense, and Paloma tankless water heaters. Includes detailed part lists, model cross-references, and accessory information.

Rheem Super High Efficiency Condensing Tankless Water Heater Outdoor Kit Installation Instructions

Installation instructions for the Rheem Super High Efficiency Condensing Tankless Water Heater Outdoor Conversion Kit, including parts list, safety precautions, exhaust hood installation, display installation options for Wi-Fi and non-Wi-Fi models, and power cord installation.

Rheem Super High Efficiency Condensing Tankless Water Heater Use and Care Manual

Comprehensive use and care manual for Rheem Super High Efficiency Condensing Tankless Water Heaters, detailing installation, safety, operation, and maintenance for models like RTGH-95DVL-3 and various Btu/hr capacities.

Rheem Tankless Water Heater Parts List and Diagrams

Comprehensive parts list and identification guide for Rheem RTGH and RTG series tankless water heaters, covering various models including DVL, XL, DV, DVL, X, and XL series. Includes part numbers, descriptions, and model applicability.