

Rheem RTG-95DVLN-1

Rheem RTG-95DVLN-1 Indoor Tankless Natural Gas Water Heater Instruction Manual

Model: RTG-95DVLN-1

1. PRODUCT OVERVIEW

The Rheem RTG-95DVLN-1 is an indoor tankless natural gas water heater designed to provide continuous hot water. It features a mid-efficiency design with an Ultra Low NOx burner, meeting SCAQMD rule requirements for safety and low emissions. The unit incorporates a Guardian Overheat Film Wrap to prevent overheating and includes a self-diagnostic system for operational monitoring.

Key features include:

- Low flow activation: Minimum flow rate of 0.26 GPM and minimum activation flow rate of 0.40 GPM.
- Temperature range: 80°F minimum to 140°F maximum, factory preset at 120°F.
- Electronic ignition: Requires 200 watts for reliable operation.
- Construction: Copper and stainless steel for durability.
- EcoNet compatibility: Smart monitoring system for protection, comfort, and energy savings (additional kit available).
- Included accessories: Digital remote control and 10 ft. of thermostat wire.

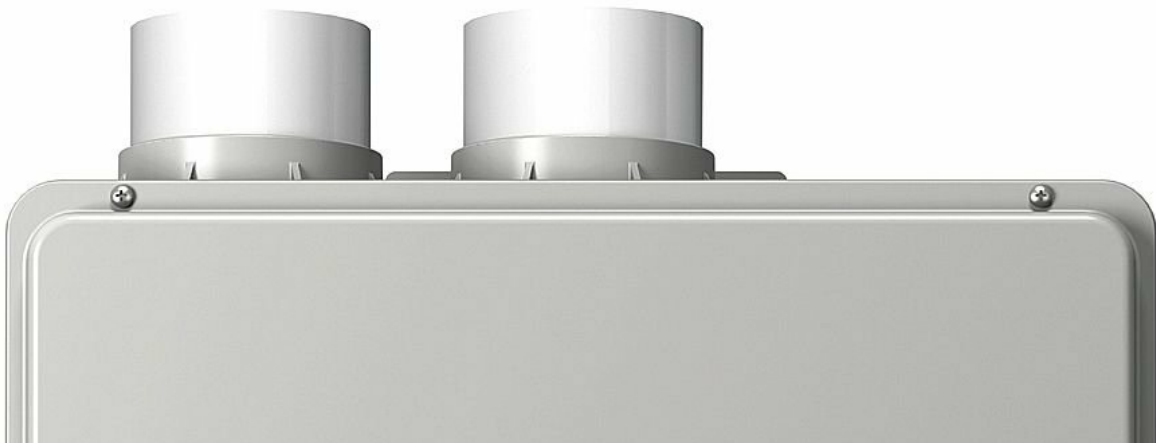




Figure 1: Front view of the Rheem RTG-95DVLN-1 Indoor Tankless Natural Gas Water Heater.

2. SAFETY INFORMATION

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning). Always follow local codes and regulations for installation and operation.

- **Guardian Overheat Film Wrap (OFW):** This exclusive feature helps prevent the unit from reaching dangerous temperatures.
- **Temperature Settings:** The factory default temperature is 120°F. Temperatures above this can cause scalding and are dangerous. Exercise caution when adjusting temperature settings.

- **Ventilation:** Proper ventilation is critical for safe operation. Ensure the two-pipe direct vent system is installed according to instructions using approved materials.

3. INSTALLATION REQUIREMENTS

The RTG-95DVLN-1 is designed for indoor installation. Professional installation is recommended to ensure compliance with all local codes and safety standards.

3.1 Location

- Install in a location protected from freezing temperatures. The unit includes freeze protection down to -30°F, but additional measures may be required in extreme cold.
- Ensure adequate clearance around the unit for maintenance and service.

3.2 Gas Supply

- A 3/4-inch natural gas line is required to supply the unit, which can use up to 199,000 BTU/H.
- Verify that your local gas meter can support the required BTU/H.
- Install a sediment trap on the gas line as per local codes.

3.3 Ventilation

- Utilizes a two-pipe direct vent system.
- Approved venting materials include 3-inch PVC, ABS, Schedule 80, or galvanized steel pipe. Consult the full installation manual for specific details and approved fittings.
- The Rheem SP20285 Vent Termination Kit is available for a clean exterior finish.

3.4 Electrical Connection

- The unit requires a 120-volt power supply and consumes 200 watts.
- Supplied with a 120-volt power cord for indoor models.

3.5 Water Connections

- The RTG20220 valve kit, including shut-offs, drain valves, screw-on connectors, and a hot water pressure relief valve, is recommended for simplified installation and maintenance.

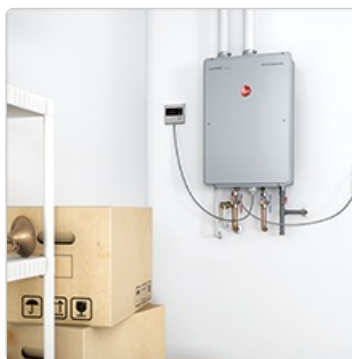


Figure 2: Rheem RTG-95DVLN-1 Tankless Water Heater installed in a utility space, showing connections.

4. OPERATING INSTRUCTIONS

The RTG-95DVLN-1 operates automatically when hot water is demanded.

4.1 Hot Water Activation

- The unit activates when the hot water flow rate exceeds 0.40 GPM.
- The internal fan will initially activate and can be heard. Once the unit is fully operational and delivering hot water, the fan may become quieter or shut off, depending on demand.

4.2 Temperature Setting

- Use the included digital remote control to set the desired output water temperature.
- The temperature can be adjusted from 80°F to 140°F. The factory preset is 120°F.

4.3 EcoNet Smart Monitoring (Optional)

If an EcoNet kit is installed, the system provides advanced monitoring, protection, and energy savings features. Refer to the EcoNet documentation for specific operation details.



Figure 3: Continuous hot water delivery from the Rheem tankless water heater.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your water heater.

- **Annual Flushing:** It is important to flush the unit once a year to remove mineral buildup. Refer to the detailed maintenance section in the complete owner's manual for the proper procedure.
- **Flame Rod Cleaning:** If the unit displays an error code related to ignition or flame sensing (e.g., error code "12"), the flame rods may require cleaning. This typically involves removing them from the burner and gently cleaning with an abrasive cloth. If you are not comfortable performing this task, contact a qualified technician.
- **Maintenance Notifications:** The unit's self-diagnostic system includes maintenance notification settings to alert you when service is due.

6. TROUBLESHOOTING

The RTG-95DVLN-1 features a self-diagnostic system that displays error codes on the digital remote control to assist in troubleshooting.

6.1 Common Error Codes

- **Error Code "12":** This code often indicates corrosion on the flame rods, preventing proper flame sensing. Cleaning the flame rods as described in the Maintenance section (5.2) can resolve this issue.

6.2 General Troubleshooting Steps

- If an error code appears, consult the full owner's manual for a comprehensive list of codes and their corresponding solutions.
- Ensure the unit has adequate gas and electrical supply.

- Check for proper water flow.

If you are unable to resolve an issue, contact Rheem technical support or a qualified service professional.

7. TECHNICAL SPECIFICATIONS

Specification	Value
Brand	Rheem
Model Number	RTG-95DVLN-1
Product Dimensions (W x H x D)	13.88" x 25.63" x 9.88"
Item Weight	79 pounds
Color	Gray
Power Source	Natural Gas (fuel_powered)
Wattage	200 watts
Maximum Flow Rate	9.5 Gallons Per Minute
Minimum Activation Flow Rate	0.40 Gallons Per Minute
Minimum Flow Rate	0.26 Gallons Per Minute
Maximum Temperature	140 Degrees Fahrenheit
Minimum Temperature	80 Degrees Fahrenheit
Efficiency	0.82
Style	Indoor Installation
Mounting Type	Wall
High-altitude capability	Up to 9,840 ft. elevation above sea level
Freeze protection	To -30°F
UPC	020352671338, 020352609935

8. WARRANTY INFORMATION

For detailed warranty terms and conditions, please refer to the official warranty documentation included with your product or visit the Rheem website. Warranty periods may vary based on product registration and application (e.g., residential vs. hydronic heating use).

9. CUSTOMER SUPPORT

If you require assistance with installation, operation, maintenance, or troubleshooting, Rheem offers technical support.

- **Online Resources:** Visit the official Rheem website for product manuals, FAQs, and support articles.
- **Contact Support:** For direct assistance, contact Rheem customer service. Contact information can typically be found on the Rheem website or in your product packaging.

You can find more information and support at the [Rheem Store on Amazon](#).