

## Rinnai REU-VE1720WD-US-N

# Rinnai RE140eN Non-Condensing Natural Gas Tankless Water Heater User Manual

Model: REU-VE1720WD-US-N

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Rinnai RE140eN Non-Condensing Natural Gas Tankless Water Heater. This high-efficiency outdoor unit is designed to provide continuous hot water, featuring a compact design and an LED display for status and error codes. Please read all instructions carefully before use.





Image: Front view of the Rinnai RE140eN Tankless Water Heater, showcasing its sleek design and integrated LED display.

## SETUP AND INSTALLATION

Professional installation is highly recommended for the Rinnai RE140eN Tankless Water Heater to ensure proper function and safety. Consult a qualified technician in your area for installation services. The unit is designed for outdoor installation.

### What's in the Box:

- Rinnai RE140eN Tankless Water Heater Unit



Image: Rinnai RE140eN Tankless Water Heater installed on an exterior wall of a building, demonstrating its outdoor placement.

Your browser does not support the video tag.

Video: This video from Rinnai America Corporation highlights the key features and benefits of the Rinnai tankless water heaters, providing an overview of their design and functionality relevant to setup and operation.

## OPERATING INSTRUCTIONS

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The Rinnai RE140eN operates on demand, heating water only when needed, which contributes to energy conservation. The unit features an LED display that provides approximate water temperature, operational status, and can show service reminders or error codes.

### Temperature Adjustment:

Use the up and down arrow buttons on the unit's control panel to adjust the desired hot water temperature. The current temperature setting will be displayed on the LED screen.

### On/Off Function:

Press the 'On/Off' button to power the unit on or off. The 'In Use' indicator light will illuminate when the unit is actively heating water.

# Rinnai



Scroll down to the **Product Guides and Documents** section to see our installation manual, spec sheet, warranty info and more!

Image: Close-up view of the Rinnai RE140eN's control panel, showing the LED display for approximate water temperature and buttons for adjustment and power.

## MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your tankless water heater. This includes periodic descaling to prevent mineral buildup, especially in areas with hard water. Consult your installation professional or the full product manual for detailed descaling procedures.

### Smart Features for Maintenance:

The LED display provides service reminders and error codes, assisting in timely maintenance and troubleshooting. For enhanced control and monitoring, the unit can be made smarter with a Rinnai Controlr for WiFi connectivity (not included).

## TROUBLESHOOTING

If your Rinnai RE140eN unit experiences issues, the LED display will often show an error code. Refer to the comprehensive product manual for a list of error codes and their corresponding troubleshooting steps. For complex issues or if an error persists, it is recommended to contact a qualified Rinnai service professional.

## SPECIFICATIONS

Feature	Specification
Brand	Rinnai
Model Number	REU-VE1720WD-US-N
Product Dimensions	14.05"W x 24.64"H x 13.5"D
Item Weight	50 pounds
Power Source	Natural Gas
Wattage	140000 watts
Voltage	120 Volts (AC)
Maximum Flow Rate	5.3 Gallons Per Minute
Maximum Temperature	140 Degrees Fahrenheit
Efficiency	High
Mounting Type	Wall
Special Feature	LED Display

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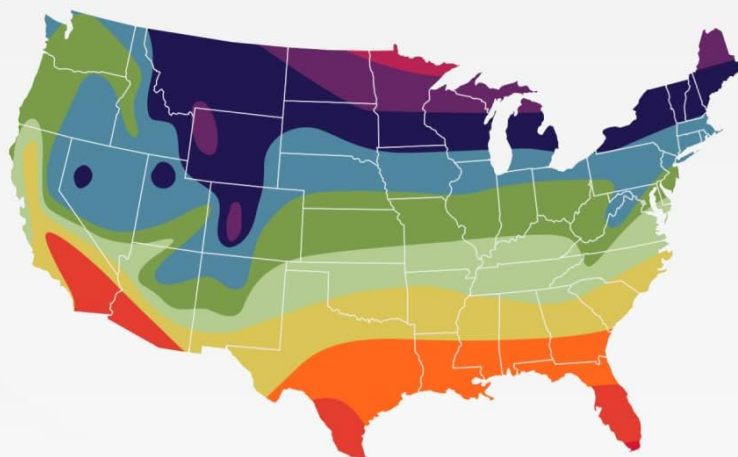


**Non-Condensing  
Exterior**

Image: Diagram illustrating the dimensions of the Rinnai RE140eN Tankless Water Heater, showing its height, width, and depth.



## Groundwater Temperature Map



Use your location on the map to correlate legend for average ground water temperature in the U.S.

75° F Hawaii & Puerto Rico

35°-42° F Alaska & Canada









Non-Condensing Model: RE140i/e BTU: 140,000	Groundwater Temperature	Max Flow Rate (GPM)	Simultaneous Shower Use
	35° F	2.7	
	37° F	2.8	
	42° F	2.9	
	47° F	3.1	
	52° F	3.4	
	57° F	3.6	
	62° F	4.0	
	67° F	4.3	
	72° F	4.8	
	77° F	5.3	

Image: A Groundwater Temperature Map of the U.S. with a table correlating groundwater temperature to maximum flow rate (GPM) and simultaneous shower use for Rinnai Non-Condensing Model: RE140i/e BTU: 140,000.

## WARRANTY

The Rinnai RE140eN Tankless Water Heater includes a residential guarantee:

- **Heat Exchanger:** 15-year limited warranty
- **Labor:** 5-year limited warranty
- **Parts:** 1-year limited warranty

For complete warranty details and terms, please refer to the official warranty information available on the Rinnai website or in the full product documentation.

## SUPPORT

For technical assistance, installation guidance, or to locate a qualified service professional, please visit the official Rinnai website. Rinnai recommends professional installation and service for all tankless water heater units.

You can find a Rinnai PRO technician in your area by visiting the 'Find a Rinnai PRO' page on the Rinnai website.

