

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Rheem](#) /

› [Rheem RETEX-06 6 kW Electric Tankless Water Heater User Manual](#)

## Rheem RETEX-06

# Rheem RETEX-06 6 kW Electric Tankless Water Heater User Manual

Model: RETEX-06

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Rheem RETEX-06 6 kW 1.0 GPM Point-Of-Use Electric Tankless Water Heater. Please read this document thoroughly before attempting any installation or operation to ensure proper function and safety.

## 2. SAFETY INFORMATION

Always adhere to local electrical and plumbing codes. Installation must be performed by a qualified professional. Failure to follow these instructions can result in property damage, serious injury, or death.

- Disconnect power before servicing the unit.
- Do not operate if the unit is damaged.
- Ensure proper grounding.
- Do not block ventilation openings.
- Maintain proper water pressure and flow.

## 3. SETUP AND INSTALLATION

### 3.1 Electrical Requirements

Verify that your home's electrical system can accommodate the power supply required for this unit

and that sufficient space is available in your breaker panel.

## Electrical Requirements

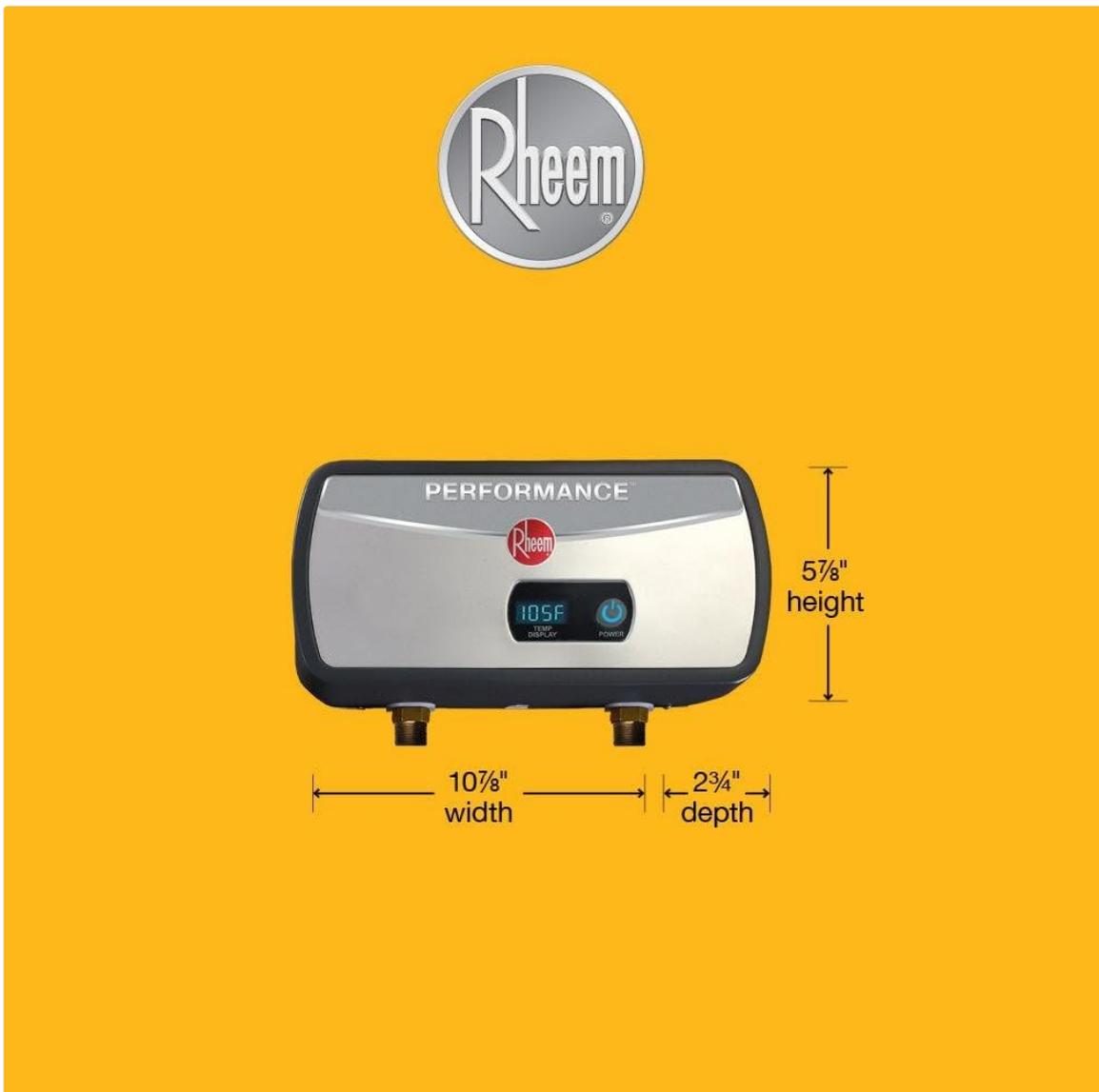
Ensure your home can accommodate the power supply and that you have enough space available in your breaker panel for this unit.

Model Modelo	kW kW	Amps Amperes	Volts Voltio	Breaker (AMPS) Disyuntor (Amperes)	Wire Gauge Req. Calibre requerido del cable	Weight Peso
<b>RETEX-06</b>	6	29	240	30 DP	1 x 10 AWG	4 LBS

The image above details the electrical specifications for the RETEX-06 model. It requires 6 kW, 29 Amps, 240 Volts, a 30 DP (Double Pole) Breaker, and a 1 x 10 AWG wire gauge. The unit weighs 4 lbs.

### 3.2 Physical Dimensions

Consider the unit's dimensions for proper placement and clearance.



The diagram illustrates the compact size of the RETEX-06, measuring approximately 10 7/8 inches in width, 2 3/4 inches in depth, and 5 7/8 inches in height. This compact design allows for flexible installation in various spaces.

### 3.3 Installation Options

This point-of-use unit is designed for installation close to the hot water demand.



The image demonstrates the versatility of installation for this unit. It can be installed near the point of use, such as under sinks, in garages, sheds, additions, utility rooms, or even in an RV, providing hot water where it's needed most.

### 3.4 Space Saving Design

The compact nature of the tankless water heater frees up valuable storage space compared to traditional tank-type heaters.

# SAVES SPACE

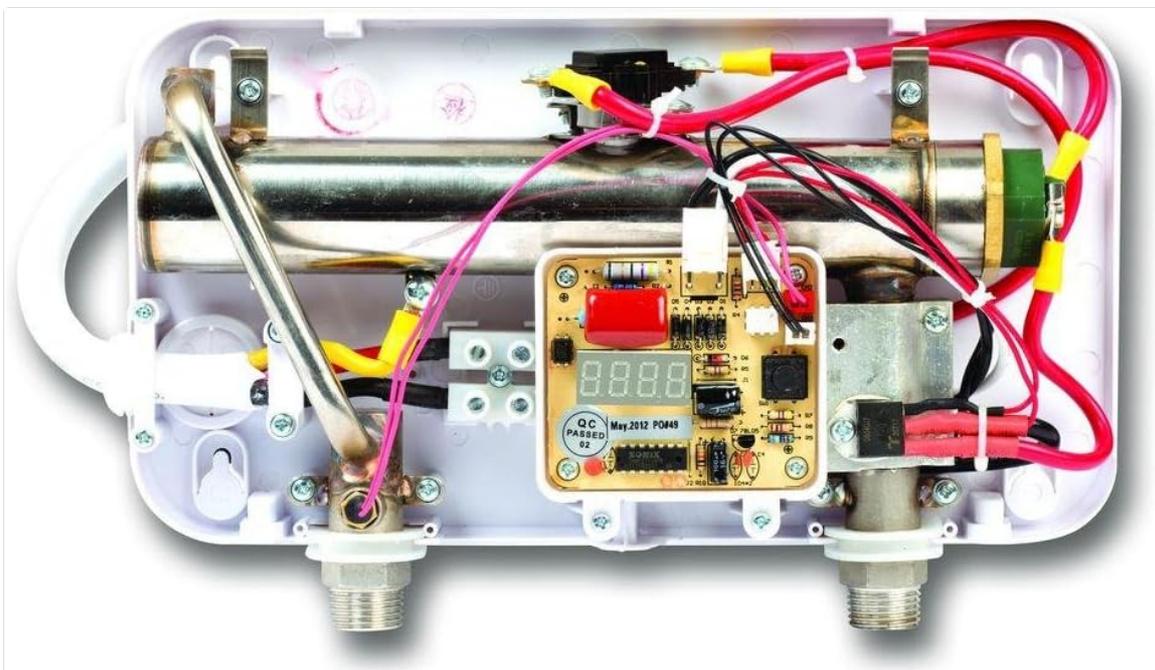


Smaller size compared to a tank-type water heater frees up storage space

This image visually compares the RETEX-06 unit to a conventional tank water heater, highlighting how its smaller size allows for significant space savings in your home or installation area.

### 3.5 Internal Components (Reference)

For reference, an internal view of the unit's components is provided.



The image displays the internal layout of the RETEX-06, including the heating element, control board with digital display, and electrical connections. This view is for informational purposes and should only be accessed by qualified service personnel.

## 4. OPERATING INSTRUCTIONS

The Rheem RETEX-06 provides instant and continuous hot water. The unit features a digital temperature display for easy monitoring and adjustment.

### 4.1 Temperature Selection

Use the controls on the unit to set your desired output water temperature. The digital display will show the current temperature setting. The maximum temperature is 140 degrees Fahrenheit.

### 4.2 Flow Rate and Usage Guide

The actual hot water output (GPM) depends on the incoming water temperature. Refer to the guide below to understand the expected performance based on your geographic location and inlet water temperature.

# Selection Guide

1. NOTE THE COLOR OF YOUR LOCATION
2. FIND THE CORRESPONDING GPM AND APPROX. USAGE BELOW
3. CONSIDER THE NEXT SIZE UP IF YOU NEED A HIGHER GPM

CAN    MX    AK    HI    PR

### MODEL: RETEX-06

Inlet Temp. 37-47°F		Inlet Temp. 47-57°F		Inlet Temp. 57-62°F		Inlet Temp. 62-77°F	
Max GPM	Approx. Usage						
0.7		0.9		1.0		1.5	

### ▶ NEXT SIZE UP: RETEX-08

Inlet Temp. 37-47°F		Inlet Temp. 47-57°F		Inlet Temp. 57-62°F		Inlet Temp. 62-77°F	
Max GPM	Approx. Usage						
0.94		1.14		1.27		1.95	

### Usage Key

**Faucet:** Flow rate of 0.5 GPM

**Shower:** Flow rate of 1.5 GPM

**Inlet Temp:** The temperature of water entering your water heater

**GPM:** Gallons Per Minute

**Approx. Usage:** The number of faucets/showers unit can serve based on 105° temperature setting\*

\* Higher temperature settings will reduce flow rates.

This selection guide illustrates the maximum GPM (Gallons Per Minute) and approximate usage for

the RETEX-06 based on different inlet water temperature ranges. For example, with an inlet temperature of 57-62°F, the unit can provide 1.0 GPM, suitable for approximately two faucets. Higher temperature settings will reduce flow rates. A faucet is rated at 0.5 GPM and a shower at 1.5 GPM for this guide.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your water heater. Always disconnect power before performing any maintenance.

- **Periodic Flushing:** Depending on water hardness, periodically flush the unit to remove mineral buildup. Consult a qualified plumber for this procedure.
- **Inspect Connections:** Annually check all water and electrical connections for leaks or signs of wear.
- **Clean Exterior:** Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners.

## 6. TROUBLESHOOTING

If you experience issues, refer to the following common troubleshooting steps. For complex problems, contact a qualified technician.

- **No Hot Water:** Check the circuit breaker. Ensure the unit is powered on and water flow is sufficient.
- **Low Water Temperature:** Verify the temperature setting. Ensure the incoming water temperature is within the unit's operating range. Reduce flow rate if necessary.
- **Error Codes:** If the digital display shows an error code, consult the full Rheem service manual or contact customer support.
- **Water Leakage:** Immediately turn off water supply and power. Contact a qualified plumber.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Rheem
Model Number	RETEX-06
Wattage	6000 watts (6 kW)
Voltage	240 Volts (as per electrical table, JSON lists 500 Volts which is likely an error for this model)

Feature	Specification
Maximum Flow Rate	1.0 Gallons Per Minute (GPM) at 57-62°F inlet temp
Maximum Temperature	140 Degrees Fahrenheit
Efficiency	99.8%
Color	Silver/Gray
Mounting Type	Indoor Installation
Product Dimensions	13 x 5 x 8 inches (L x W x H)
Item Weight	0.01 ounces (Note: Electrical table lists 4 lbs, which is more realistic)
Special Features	Digital temperature display, high energy efficiency, compact and stylish design
UPC	020352685366

## 8. WARRANTY INFORMATION

Rheem products are backed by a manufacturer's warranty. For detailed information regarding the warranty period, coverage, and terms and conditions for your RETEX-06 water heater, please refer to the official warranty document included with your purchase. You can also visit the official Rheem website or contact Rheem customer support for the most current warranty details.

## 9. SUPPORT

For technical assistance, troubleshooting guidance, or to inquire about parts and service, please contact Rheem customer support. You can find contact information on the official Rheem website.

You may also find additional resources and product information by visiting the official Rheem store:

[Visit the Rheem Store on Amazon](#)

