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› Feelrogast 8 Gallon Electric Tank Water Heater (Model WHD-WT080) User Manual

## Feelrogast WHD-WT080

# Feelrogast 8 Gallon Electric Tank Water Heater

MODEL: WHD-WT080

## 1. Introduction

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Feelrogast 8 Gallon Electric Tank Water Heater. Please read all instructions carefully before installation and use. Retain this manual for future reference.



Figure 1: Feelrogast 8 Gallon Electric Tank Water Heater, White model.

## 2. Safety Information

Your safety and the safety of others are paramount. This water heater is equipped with multiple safety features. Always follow basic safety precautions to reduce the risk of fire, electric shock, and injury.

- Ensure the unit is properly grounded.
- Do not operate the water heater if it is not filled with water.
- Use a dedicated 20-amp breaker for electrical safety.
- Install the included safety valve and PVC drain pipe to prevent pressure buildup and leakage.
- Do not invert, tilt, or lay the unit flat to avoid damage.
- Avoid using ordinary patch cords for electrical connections.

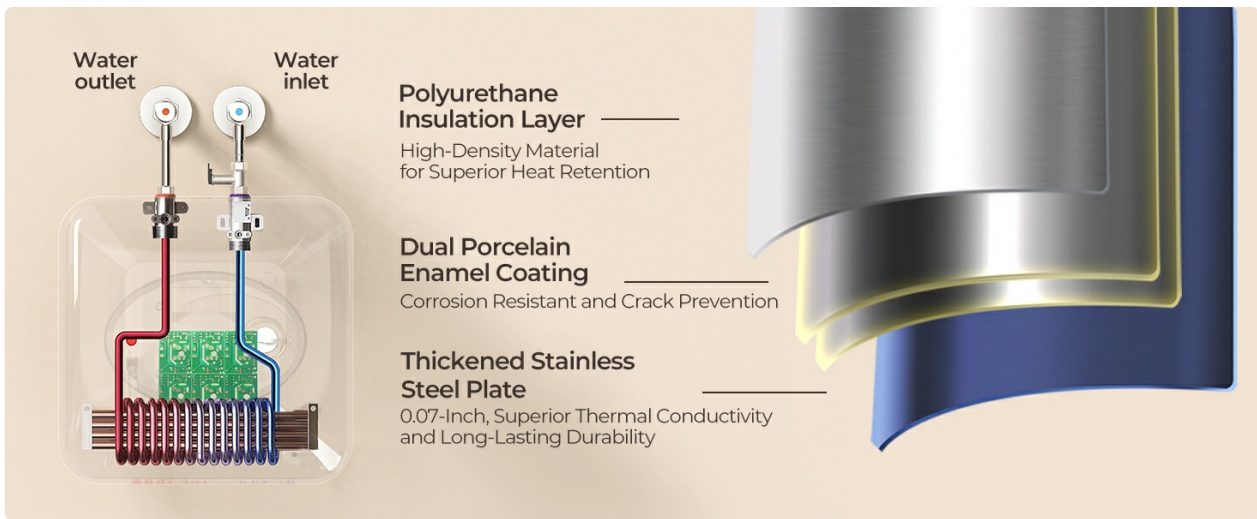


Figure 2: The water heater incorporates multiple safety features including overheat protection, high water pressure protection, and a pressure release valve.

### 3. Product Overview

The Feelrogast Electric Tank Water Heater is designed to provide instant hot water for various applications. Its compact design allows for flexible installation in diverse settings.

#### Key Features:

- **Instant Hot Water:** Minimizes wait time for hot water.
- **Adjustable Temperature:** Manual temperature adjustment from 86-167°F (30-75°C).
- **Durable Construction:** Features double-layer enamel coating, 0.07-inch medical-grade 316 stainless steel, and integrated PU foam insulation.
- **Versatile Installation:** Can be wall-mounted or floor-mounted under sinks, counters, or cabinets.
- **Comprehensive Accessories:** Includes safety valve, PVC drain pipe, corrosion-resistant metal hoses, and a three-way valve.



Figure 3: Internal construction showing polyurethane insulation, dual porcelain enamel coating, and thickened stainless steel plate for durability and thermal efficiency.

#### Package Contents:

Verify that all items are present in the package:

1. Instruction Manual
2. Three-Way Valve

3. Expansion Bolts
4. Metal Hose
5. 1-Meter Plastic Hose (Drain Pipe)
6. Mounting Bracket
7. Safety Valve

# Package Contents

- 1 Instruction Manual
- 2 Three-Way Valve
- 3 Expansion Bolts
- 4 Metal Hose
- 5 1-Meter Plastic Hose
- 6 Mounting Bracket
- 7 Safety Valve



\* Equipped with upgrade safety valve



Figure 4: Visual representation of included accessories.

## 4. Specifications

<b>Feature</b>	<b>Detail</b>
Brand	Feelrogast
Model Number	WHD-WT080
Capacity	8 Gallons
Voltage	120 Volts
Wattage	1500 Watts
Maximum Temperature	167°F (75°C)
Minimum Temperature	86°F (30°C)
Maximum Pressure	109 PSI
Water Connectors	1/2" NPT
Power Cord Length	44 inches
Product Dimensions	16.93 x 14.17 x 17.72 inches
Item Weight	27.7 pounds
Certifications	CE, ROHS, FCC

# Measure & Find Your Perfect Fit

Visualizing

## 4G vs 8G

Options



Figure 5: Comparison of 4-gallon (13.39"x11.84"x14.17") and 8-gallon (16.93"x14.17"x17.72") models.

## 5. Setup & Installation

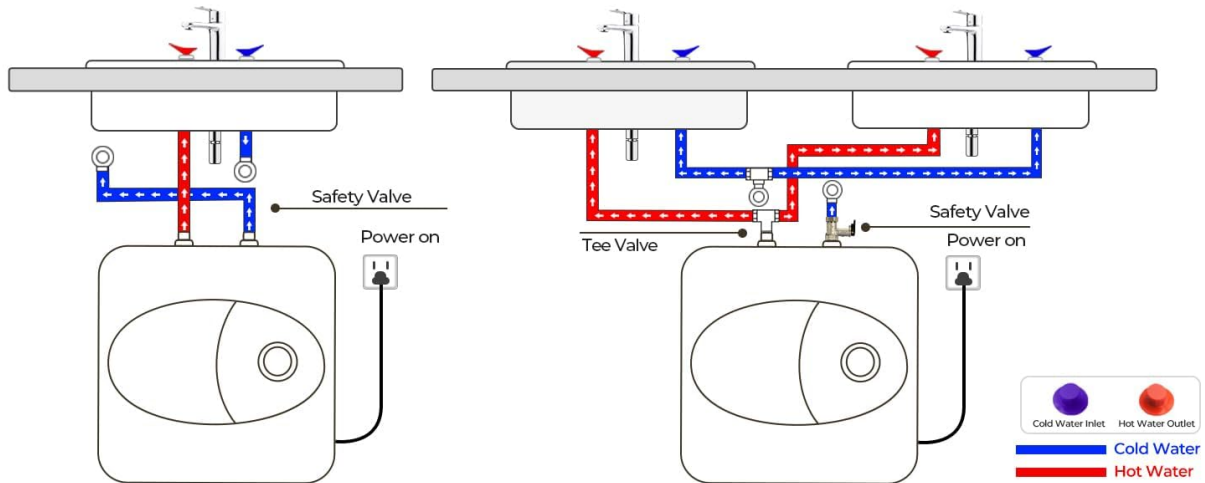
Proper installation is crucial for the safe and efficient operation of your water heater. It can be wall-mounted or floor-mounted under a sink, counter, or cabinet.

### Installation Steps:

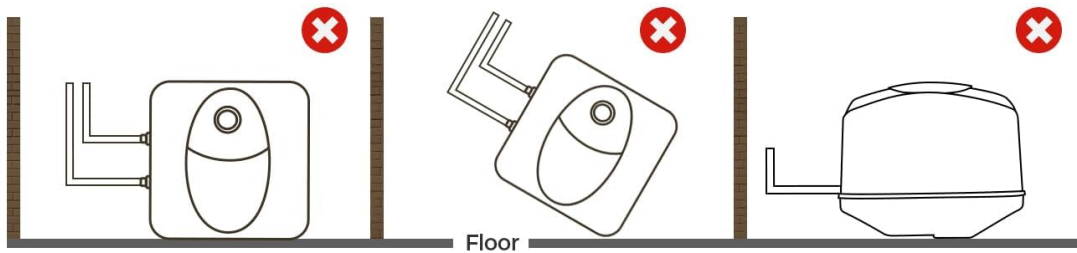
1. **Mounting:** The mounting wall should be a load-bearing wall. If not, reinforce the wall for installing hangers or brackets.
2. **Water Connections:** Connect the 1/2" NPT water connectors. Ensure the safety valve is installed on the cold water inlet.
3. **Drain Pipe:** Insert the provided plastic drain pipe into the safety valve to manage pressure release and prevent leaks.
4. **Three-Way Valve:** Utilize the three-way valve for hot and cold water mixing or diversion, especially for applications like dishwashers.
5. **Fill Tank: IMPORTANT:** Fill the water heater tank completely before connecting to power. Failure to do so may result in high temperature protection failure.

6. **Electrical Connection:** Plug the unit into a standard 110V-120V outlet. Ensure a 20-amp breaker is used for electrical safety.
7. **Space Requirement:** Maintain at least 5 inches of space around the unit for proper ventilation and maintenance.

## Installation Method



## ⚠ Wrong installation mode ⚠



1. Fill the water before the first power on use, otherwise it will cause a high temperature protection failure!
2. The mounting wall should be a load bearing wall. If not, please reinforce the wall or install load-bearing hangers or brackets, otherwise it may cause the machine to collapse and malfunction.
3. At least 5 inch of space should be reserved for installation to facilitate construction and subsequent maintenance.
4. It is prohibited to use ordinary patch cords to connect the water heater to avoid safety accidents caused by overheating of the circuit.
5. It is prohibited to invert, tilt or lay the machine flat to avoid damage.

Figure 6: Diagrams illustrating correct and incorrect installation methods, including connections for cold water inlet (blue) and hot water outlet (red).

# Meet the Needs of Diverse Settings

Your Best Space-Saving Option



Under Sink



On Floor



On Wall

Figure 7: Examples of installation locations: under sink, on floor, and on wall.

## Installation Video:

Your browser does not support the video tag.

Video 1: Official Feelrogast installation guide demonstrating the setup process for the electric mini tank water heater.

## 6. Operating Instructions

Once installed and filled with water, operating your Feelrogast water heater is straightforward.

### Temperature Adjustment:

- The modern control panel features an intuitive knob for manual temperature adjustment.
- Rotate the knob to select your desired water temperature within the range of 86°F to 167°F (30°C to 75°C).

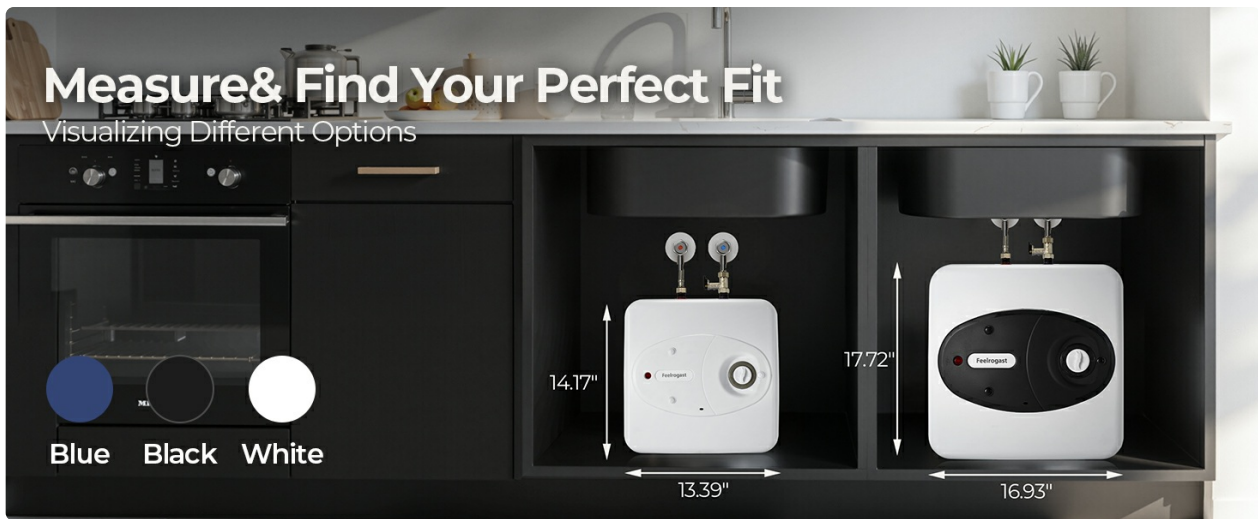


Figure 8: The water heater provides a consistent temperature range from 86°F to 167°F.

## 7. Maintenance

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

- **Inspection:** Periodically inspect all connections for any signs of leakage. Tighten connections as needed.
- **Drain Pipe:** Ensure the PVC drain pipe is clear and free of obstructions to allow for proper pressure release.
- **Cleaning:** The exterior can be wiped with a damp cloth. Avoid abrasive cleaners.
- **Corrosion Prevention:** The unit's double-layer enamel coating and 316 stainless steel construction are designed for corrosion resistance. However, regular water quality checks can further extend the lifespan.

## 8. Troubleshooting

If you encounter issues with your Feelrogast water heater, consider the following common troubleshooting steps:

- **No Hot Water:** Check if the unit is plugged in and receiving power. Verify the circuit breaker is not tripped. Ensure the tank is filled with water.
- **Water Leakage:** Inspect all plumbing connections for tightness. Confirm the safety valve and drain pipe are correctly installed and not obstructed.
- **Insufficient Hot Water:** Check the temperature setting and adjust if necessary. Allow sufficient time for the tank to heat up, especially after initial installation or complete drainage.
- **Unusual Noises:** This could indicate sediment buildup. Consult a qualified technician for inspection and potential flushing of the tank.

For issues not resolved by these steps, please contact Feelrogast customer support.

## 9. Warranty and Support

Feelrogast is committed to providing high-quality products. For warranty information, technical assistance, or customer support, please refer to the contact details provided on the Feelrogast official website or your purchase documentation.

When contacting support, please have your model number (WHD-WT080) and purchase date available.

