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› Feelrogast 8 Gallon Electric Tank Water Heater (Model FEH30) User Manual

Feelrogast FEH30

Feelrogast 8 Gallon Electric Tank Water Heater User Manual

Model: FEH30

INTRODUCTION

Thank you for choosing the Feelrogast 8 Gallon Electric Tank Water Heater. This manual provides essential information for the safe installation, operation, and maintenance of your new water heater. Please read these instructions thoroughly before installation and keep them for future reference.



Image: Feelrogast 8 Gallon Electric Tank Water Heater, Black model.

SAFETY INFORMATION

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

General Safety Warnings

- **Electrical Safety:** Ensure the unit is properly grounded. Use a dedicated 20-amp breaker for electrical safety. Do not use ordinary patch cords to connect the water heater to avoid accidents caused by overheating of the circuit.
- **Water Pressure:** Do not exceed the maximum operating pressure of 109 PSI.
- **Installation:** The water heater must be filled with water before the first power-on to prevent high-temperature protection failure.
- **Mounting:** The mounting wall should be a load-bearing wall. If not, reinforce the wall for installation hangers or brackets.

- **Positioning:** Do not invert, tilt, or lay the machine flat to avoid damage.
- **Clearance:** At least 5 inches of space should be reserved for installation to facilitate construction and subsequent maintenance.

Protection Features

- **High Water Pressure Protection:** Prevents damage from excessive water pressure.
- **Overheat Protection:** Automatically shuts off the heater if temperatures become too high.
- **Pressure Release Valve:** Included to ensure safe operation by releasing excess pressure.
- **Temperature Lock:** Helps maintain a consistent water temperature.

Certifications

The structure of this water heater is certified by CE, ROHS, and FCC, ensuring compliance with international safety and quality standards.



Image: Visual representation of multi-protection features and CE, ROHS, FCC certifications.

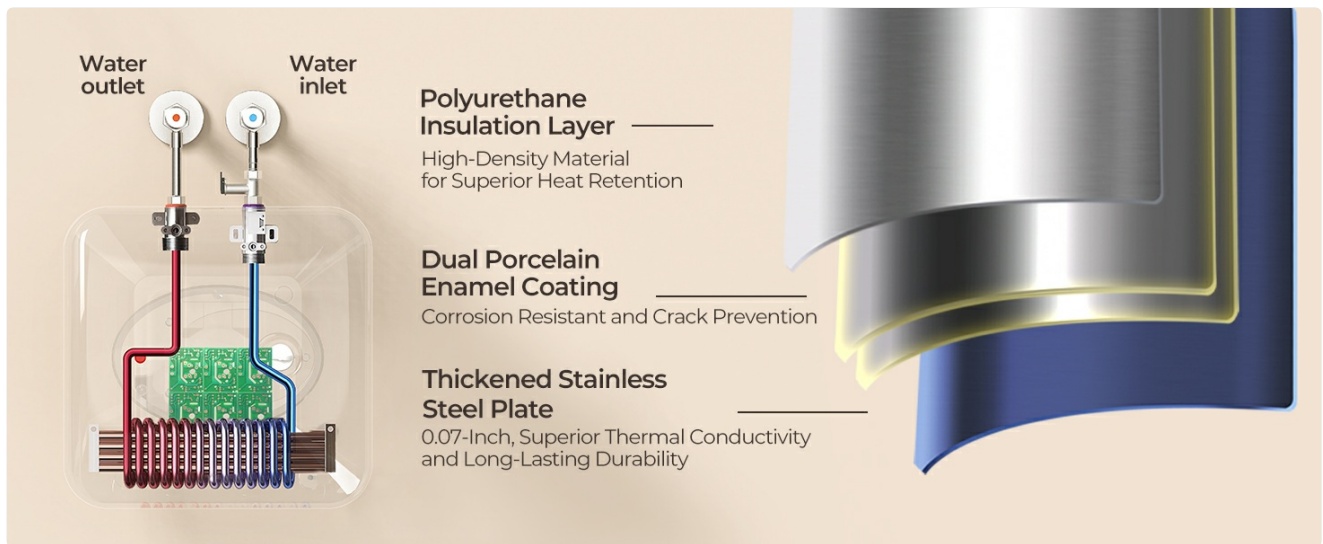


Image: Icons illustrating various protection features including Overheat, Leakage, Burn Dry, Pressure Release, IPX4 Waterproof, and Grounding Protection.

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 kitchens, bathrooms, RVs, campers, food trucks, and offices.

Key Features

- **Instant Hot Water:** Minimizes wait time for hot water on demand.
- **Adjustable Temperature:** Intuitive manual temperature adjustment from 86°F to 167°F.
- **Durable Construction:** Features a double-layer enamel coating, 0.07-inch medical-grade 316 stainless steel, and an integrated PU foam insulation layer for durability and thermal efficiency.
- **Versatile Mounting:** Can be wall or floor mounted under a sink, counter, or cabinet.

Quadruple Protection for Enhanced Performance

Polyurethane Insulation Layer

High-Density Material
for Superior Heat Retention

Dual Porcelain Enamel Coating

Corrosion Resistant and
Crack Prevention

Thickened Stainless Steel Plate

0.07-Inch, Superior Thermal Conductivity
and Long-Lasting Durability

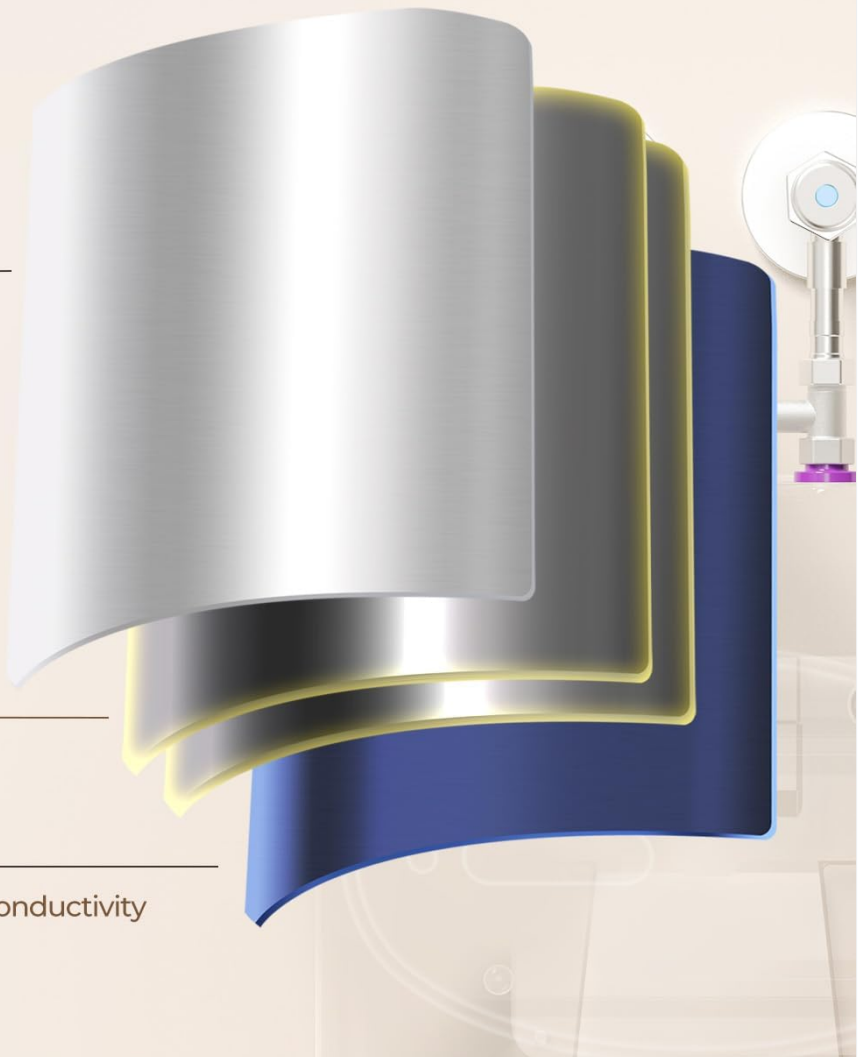


Image: Exploded view illustrating the internal construction with polyurethane insulation, dual porcelain enamel coating, and thickened stainless steel plate for enhanced performance.

PACKAGE CONTENTS

Before installation, please verify that all components listed below are included in your package:

- Instruction Manual
- Three-Way Valve
- Expansion Bolts
- Metal Hose
- 1-Meter Plastic Hose
- Mounting Bracket
- Safety Valve (equipped with upgrade 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

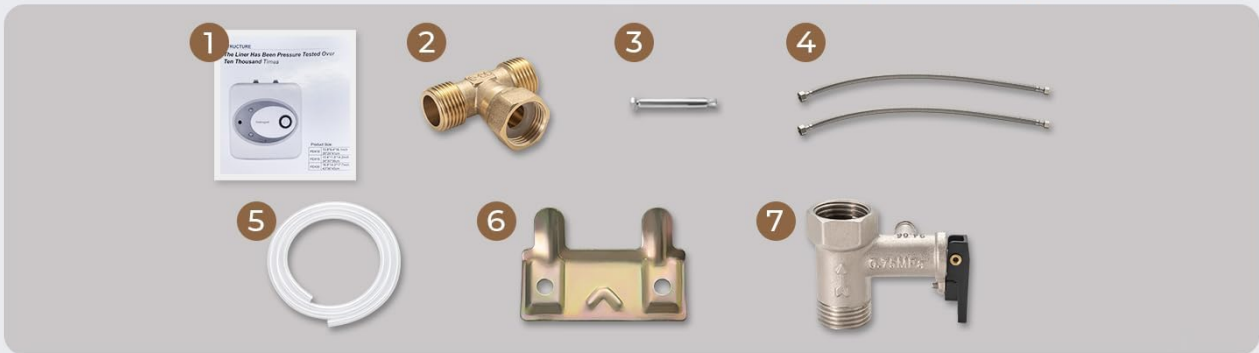


Image: Visual representation of the water heater and its included accessories, such as the instruction manual, valves, hoses, and mounting hardware.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your water heater. If you are unsure about any steps, consult a qualified professional.

Mounting Options

The compact design allows for flexible installation in various locations:

- **Under Sink/Counter/Cabinet:** Ideal for kitchens and bathrooms.
- **On Floor:** Suitable for areas with sufficient space.
- **On Wall:** Requires a load-bearing wall and appropriate mounting hardware.

Meet the Needs of Diverse Settings

Your Best Space-Saving Option



Under Sink



On Floor



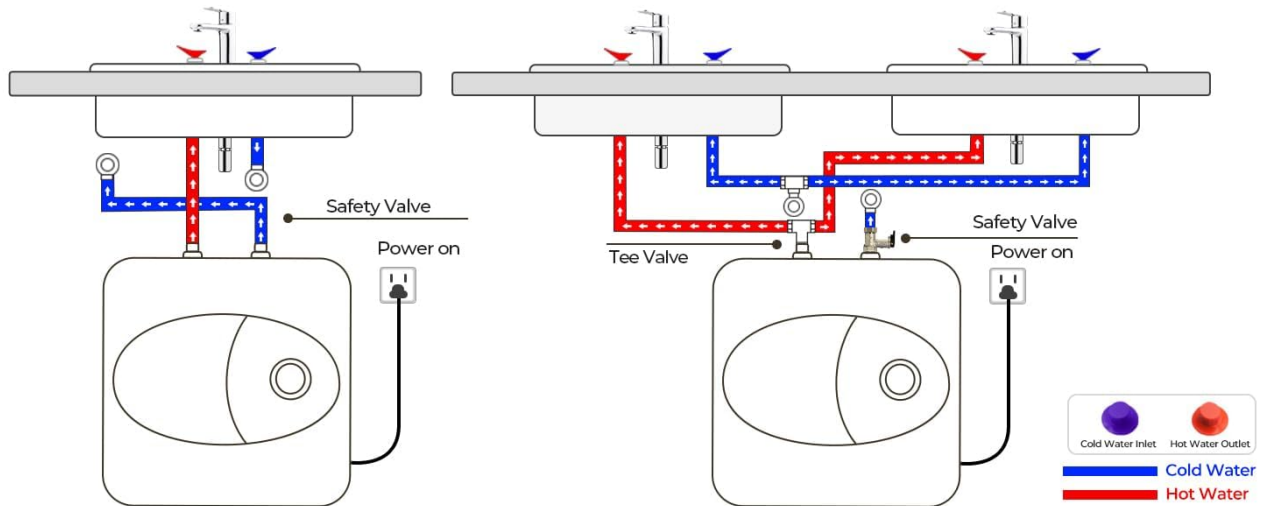
On Wall

Image: Examples of the water heater installed in diverse settings: under a sink, on the floor, and mounted on a wall.

Connection Methods

The water heater comes with corrosion-resistant metal hoses and a three-way valve to prevent common leakage points and enable hot and cold water mixing and diversion.

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.

Image: Detailed diagrams showing proper water and electrical connections, along with warnings against incorrect installation modes such as inverting or tilting the unit.

Important Installation Notes

1. Fill the water heater with water before the first power-on. Failure to do so will cause a high-temperature protection failure.
2. The mounting wall must be a load-bearing wall. If not, reinforce the wall for installation hangers or brackets; otherwise, it may cause the machine to collapse and malfunction.
3. At least 5 inches of space should be reserved around the unit 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.

OPERATING INSTRUCTIONS

This section guides you through the basic operation of your Feelrogast water heater.

Temperature Adjustment

The water heater features an updated modern control panel with streamlined aesthetics for intuitive manual temperature adjustment. You can set the desired water temperature within a range of 86°F to 167°F.

- Locate the temperature adjustment dial on the front of the unit.
- Rotate the dial to increase or decrease the target water temperature.
- The unit will heat water to the set temperature and maintain it efficiently.

Powering On/Off

Once properly installed and filled with water, connect the power cord to a suitable 110/120V outlet. The unit will begin heating according to the set temperature. Disconnect power when not in use for extended periods or during maintenance.

Always Ready, Always Constant
Reliable Warmth, Delivered Steadily

±5°F
Water temperature fluctuation range

86°F ~ 167°F

Temperature
167°F
86°F

2h 3h 4h TIME

Ours
Others

Feelrogast

The image shows a white Feelrogast water heater installed under a kitchen sink. A graph in the bottom left corner compares the temperature stability of 'Ours' (Feelrogast) and 'Others'. The y-axis represents temperature in degrees Fahrenheit, ranging from 86°F to 167°F. The x-axis represents time in hours, from 2h to 4h. The 'Ours' line is a flat, steady yellow line, while the 'Others' line is a jagged, fluctuating grey line. A callout box indicates a ±5°F fluctuation range for the unit.

Image: Graph illustrating the stable temperature maintenance of the Feelrogast water heater, showing a consistent output within a narrow fluctuation range compared to other models.

MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your water heater. Specific detailed maintenance instructions are not provided in the product information. However, general best practices for electric tank water heaters include:

- **Regular Inspection:** Periodically check for any signs of leaks, corrosion, or damage to the unit and connections.
- **Drain and Flush:** In areas with hard water, draining and flushing the tank annually can help remove sediment buildup, which improves efficiency and extends the heater's life.
- **Pressure Relief Valve Test:** Test the temperature and pressure relief (T&P) valve annually to ensure it is operating correctly. Follow manufacturer guidelines for this procedure.
- **Anode Rod Inspection:** If applicable, inspect and replace the anode rod every few years to protect the tank from corrosion.

Always disconnect power to the unit before performing any maintenance.

TROUBLESHOOTING

This section provides general guidance for common issues. Specific troubleshooting steps are not detailed in the provided product information. If you encounter problems that cannot be resolved with these general tips, please contact customer support.

Common Issues and Solutions

- **No Hot Water:**
 - Check if the unit is plugged in and receiving power.
 - Verify the circuit breaker has not tripped.
 - Ensure the temperature setting is not too low.
 - Confirm the tank is filled with water.
- **Insufficient Hot Water:**
 - The demand for hot water may exceed the unit's capacity. Allow more time for recovery.
 - Check the temperature setting; it might be too low.
- **Water Leaks:**
 - Inspect all connections for tightness.
 - Check the pressure relief valve for drips; this may indicate high pressure or a faulty valve.
 - If leaks persist, immediately turn off the water supply and power to the unit and contact support.
- **Unusual Noises:**
 - Popping or rumbling sounds can indicate sediment buildup in the tank. Refer to the maintenance section for flushing instructions.

SPECIFICATIONS

Below are the technical specifications for the Feelrogast 8 Gallon Electric Tank Water Heater (Model FEH30):

Specification	Value
Brand	Feelrogast
Model Number	FEH30
Capacity	8 Gallons
Power Source	Corded Electric
Voltage	120 Volts
Wattage	1500 watts
Rated Current	12.5A
Maximum Temperature	167 Degrees Fahrenheit (75°C)
Temperature Range	86°F - 167°F (30°C - 75°C)
Maximum Pressure	109 PSI
Material	Stainless Steel
Color	Black
Mount Type	Wall / Floor
Water Connectors	1/2" NPT
Power Cord Length	44 inches (approx. 112 cm)
Water Pipe Length	39.3 inches (approx. 100 cm)
Dimensions (8 Gallon)	16.93" × 14.17" × 17.72" (approx. 43cm × 36cm × 45cm)

Measure & Find Your Perfect Fit

Visualizing

4G vs 8G

Options



Image: Visual comparison of the 4-gallon and 8-gallon models, highlighting their respective dimensions for proper fit.

Meet the Needs of Diverse Settings



Image: Summary of key product specifications such as rated current, voltage, power, temperature range, and physical dimensions.

WARRANTY INFORMATION

The manufacturer's warranty description states "No Warning Applicable." For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact the manufacturer directly.

CUSTOMER SUPPORT

For any questions, technical assistance, or support regarding your Feelrogast water heater, please contact the manufacturer:

Manufacturer: Feelrogast

Please have your model number (FEH30) and purchase information ready when contacting support.