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> VEVOR 10 Gallon Electric Storage Water Heater (Model FJI-POR-40S2) Instruction Manual

VEVOR FJI-POR-40S2

VEVOR 10 Gallon Electric Storage Water Heater (Model FJI-POR-40S2) Instruction Manual

Model: FJI-POR-40S2

INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your VEVOR 10 Gallon Electric Storage Water Heater. Please read this manual thoroughly before installation and use, and retain it for future reference. Adhering to these guidelines will ensure optimal performance and safety of your appliance.



Image: VEVOR 10 Gallon Storage Water Heater, a reliable helper for household hot water.

IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these instructions could result in electric shock, fire, property damage, personal injury, or death.

- Ensure the water heater is installed by a qualified professional in accordance with all local codes and regulations.
- Disconnect power before performing any maintenance or service.
- Do not operate the water heater if it is damaged or malfunctioning.
- Do not block or tamper with the pressure relief valve.

- This appliance is intended for indoor use only.
- Maintain proper ventilation around the unit.
- Regularly inspect the unit for leaks or signs of damage.

CAUTION:

Hot water can cause severe burns. Exercise caution when setting water temperature and using hot water. It is recommended to set the thermostat to a safe temperature to prevent scalding, especially in households with children or elderly individuals.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- VEVOR 10 Gallon Electric Water Heater x 1
- TP Valve (3/4" NPT) x 1
- Safety Valve (3/4" NPT) x 1
- Drip Pipe (47.24 inch / 1.2 m) x 1
- PTFE Tape x 1
- User Manual x 1



Image: VEVOR 10 Gallon Electric Water Heater with its accessories.

FEATURES OVERVIEW

The VEVOR 10 Gallon Electric Storage Water Heater is designed for efficient and reliable hot water supply, incorporating several key features:

- **10-Gallon Capacity:** Provides ample hot water for various household needs.
- **1600W High Power:** Ensures rapid heating and reduced wait times.
- **Immersion Heating Element:** Delivers continuous hot water.
- **Adjustable Temperature Control:** Knob control with LED display for precise temperature settings (86°F to 167°F).
- **Enamel Glass Coating:** Enhances safety and provides corrosion resistance for extended product life.
- **20mm Foam Insulation:** HFO foam insulation layer ensures long-lasting heat retention.
- **Multiple Safety Protections:** Includes dry heating protection, overheat protection, high-pressure protection, and IPX4 waterproof rating.

10 GAL LARGE CAPACITY

2000W for whole family's hot water needs



2000W
High Power



86-167 F°
Temperature Range



Φ 16.1" x 21.5"
Space Saving



Image: Overview of the water heater's capacity, 1600W power, and dimensions.

ENAMELED GLASS COATING

24H Continuous Supply And Delivery Of Hot Water



Temperature-Resistant



Rust-Proof & Corrosion-Proof



Long Life



Image: Benefits of the enamel glass coating for durability and safety.

20MM FOAM INSULATION

Long-Term Thermal Insulation, Enjoy Hot Water Immediately

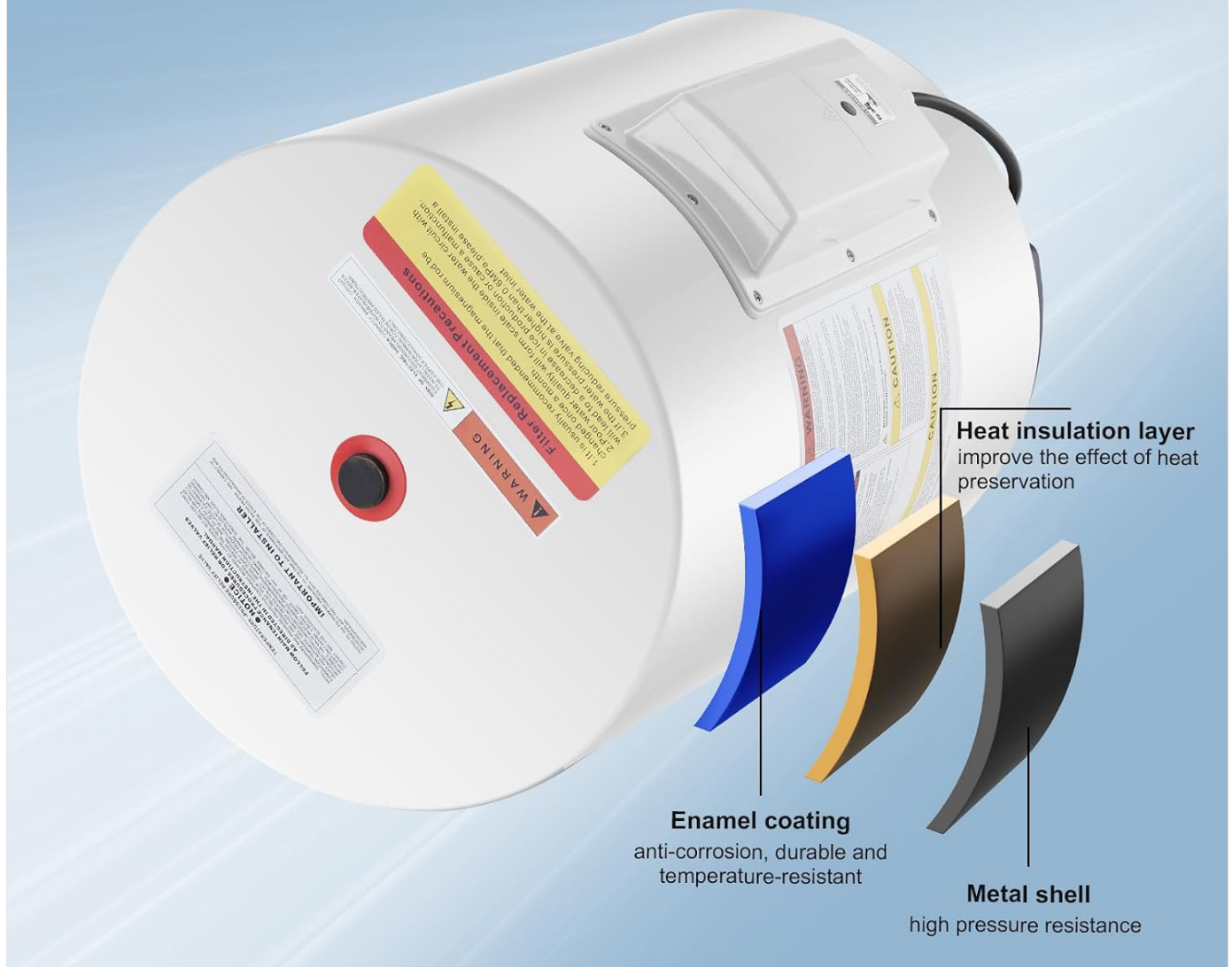


Image: Cross-section illustrating the 20mm foam insulation layer.

FOUR SAFETY PROTECTIONS FOR YEAR-ROUND PEACE OF MIND



Dry Heating Protection
Prevents fire risk from dry burning



Overheat Protection
Prevents scalding from high temperatures



High-Pressure Protection
Prevents damage from excessive pressure



IPX4
Waterproof Rating



Image: Four safety protections for the water heater.

INSTALLATION GUIDE

Proper installation is crucial for the safe and efficient operation of your water heater. It is highly recommended that installation be performed by a qualified plumber or electrician.

Pre-Installation Checklist:

- Ensure the installation location is suitable, with adequate space and proper drainage.
- Verify that the electrical supply matches the heater's requirements (230V AC, 1600W).
- Confirm all necessary plumbing connections are available.
- Gather all included accessories and any additional tools required.

Installation Steps:

1. **Mounting:** Securely mount the water heater in an upright position on a stable surface, such as a floor, ensuring it is level.
2. **Water Inlet Connection:** Connect the cold water inlet pipe to the designated port on the side of the heater (typically marked blue). Install the provided safety valve (TP Valve) to the water inlet. Apply PTFE tape to threads to ensure a watertight seal.
3. **Water Outlet Connection:** Connect the hot water outlet pipe to the designated port on the side of the heater (typically marked red).
4. **Drip Pipe Installation:** Attach the drip pipe to the safety valve and route it to a suitable drain, ensuring there are no kinks or obstructions.
5. **Filling the Tank:** Before connecting power, open a hot water faucet in your home to allow air to escape. Then, open the cold water supply valve to fill the water heater tank. Once water flows steadily from the hot water faucet, the tank is full. Close the hot water faucet.
6. **Electrical Connection:** Connect the power cord to a grounded electrical outlet. Ensure the plug is installed on the right side above the heater, as indicated in the diagram.

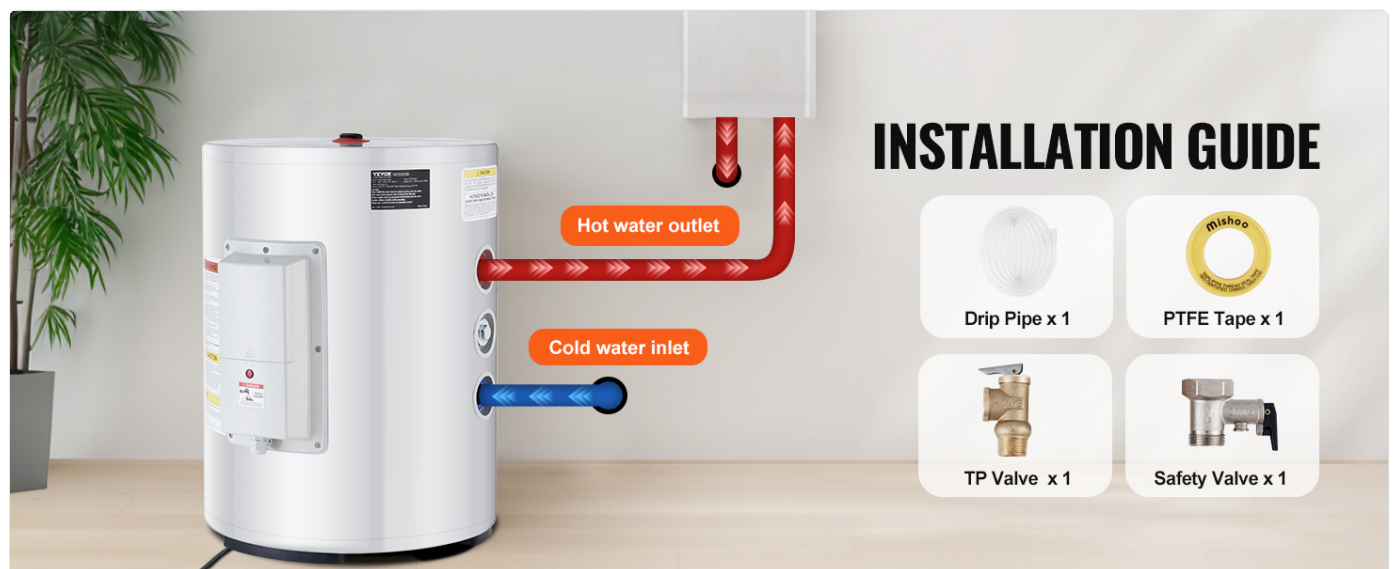


Image: Installation guide illustrating water connections and included accessories.

EASY THREE-STEP INSTALLATION



Install the
plug on the right side
above the heater



Attach the safety valve
to the water inlet



Add a rubber gasket
to the threads to
prevent leak



Image: Easy three-step installation process for the water heater.

OPERATING INSTRUCTIONS

Initial Startup:

1. Ensure the tank is completely filled with water as per installation steps. Operating an empty tank will damage the heating element.
2. Plug in the water heater or turn on the circuit breaker. The LED indicator light will illuminate, signaling that the unit is powered on and heating.

Temperature Adjustment:

- The water heater features a rotary temperature control knob.
- Rotate the knob to set your desired water temperature, ranging from 86°F to 167°F (30°C to 75°C).
- The LED display will show the current heating status.
- For safety, it is recommended to set the temperature to a level that prevents scalding, especially in households with children or elderly individuals.

LONGER IMMERSION HEATING TUBE

Faster Hot Water, More Balanced
Water Temperature



LED heating lamp display



Easy adjustable temperature knob

Image: Control panel with LED display and temperature knob.



Image: Thoughtful details for a comfortable experience, highlighting the LED indicator and temperature control knob.

MAINTENANCE

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

Annual Maintenance:

- **Drain and Flush Tank:** To remove sediment buildup, drain and flush the tank annually. This helps maintain efficiency and prevents corrosion.
- **Inspect Anode Rod:** The anode rod protects the tank from corrosion. Inspect it annually and replace if more than 50% of its material is consumed.
- **Test Pressure Relief Valve:** Annually test the temperature and pressure relief (TPR) valve by lifting the lever. Water should discharge from the drain pipe. If it does not, replace the valve.
- **Check for Leaks:** Inspect all connections and the tank for any signs of leaks. Address any leaks immediately.

Cleaning:

- Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.

TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions:

Problem	Possible Cause	Solution
No hot water or insufficient hot water	◦ Power supply off ◦ Thermostat set too low ◦ Heating element failure ◦ Tank empty or partially filled	◦ Check circuit breaker and power connection. ◦ Adjust thermostat to a higher setting. ◦ Contact a qualified technician for inspection and replacement. ◦ Ensure tank is full before powering on.
Water is too hot	Thermostat set too high	Lower the thermostat setting.
Leaking from the unit	◦ Loose plumbing connections ◦ Faulty pressure relief valve ◦ Tank corrosion (severe cases)	◦ Tighten connections. ◦ Inspect and replace the TPR valve if necessary. ◦ Contact a qualified technician.
Unusual noises (e.g., popping, rumbling)	Sediment buildup in the tank	Drain and flush the tank to remove sediment.

SPECIFICATIONS

Feature	Detail
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Model Number	FJI-POR-40S2
Material	Cold Rolled Carbon Steel
Product Dimensions (W x H)	16.1 inches x 21.5 inches (410 mm x 545 mm)
Net Weight	37.5 lbs (17 kg)
Connection Direction	Side Connection
Power	1600W
Capacity	10 Gallons (40 L)
Voltage	230 Volts (AC)
Maximum Temperature	167°F (75°C)
Temperature Control Range	86°F to 167°F (30°C to 75°C)
Minimum Starting Water Flow	0.15 MPa
Insulation	20mm HFO Foam Insulation
Coating	Enamel Glass Coating
Waterproof Rating	IPX4

16.1 inch / 410 mm



21.5 inch / 545 mm

Item Model Number : **FJI-POR-40S2**

Material : **Cold Rolled Carbon Steel**

Product Size : **Φ16.1 x 21.5 inch**

Φ410 x 545 mm

Net Weight : **37.5 lbs / 17 kg**

Connection Direction : **Side Connection**

Power : **2000W**

Capacity : **10 gal / 40 L**

Minimum Starting Water Flow : **0.15MPa**

Accessories : **TP Valve (3/4" NPT) x 1**

Safety Valve (3/4" NPT) x 1

Drip Pipe (47.24L inch / 1.2 m) x 1

PTFE Tape x 1

User Manual x 1

Image: Technical specifications and dimensions of the water heater.

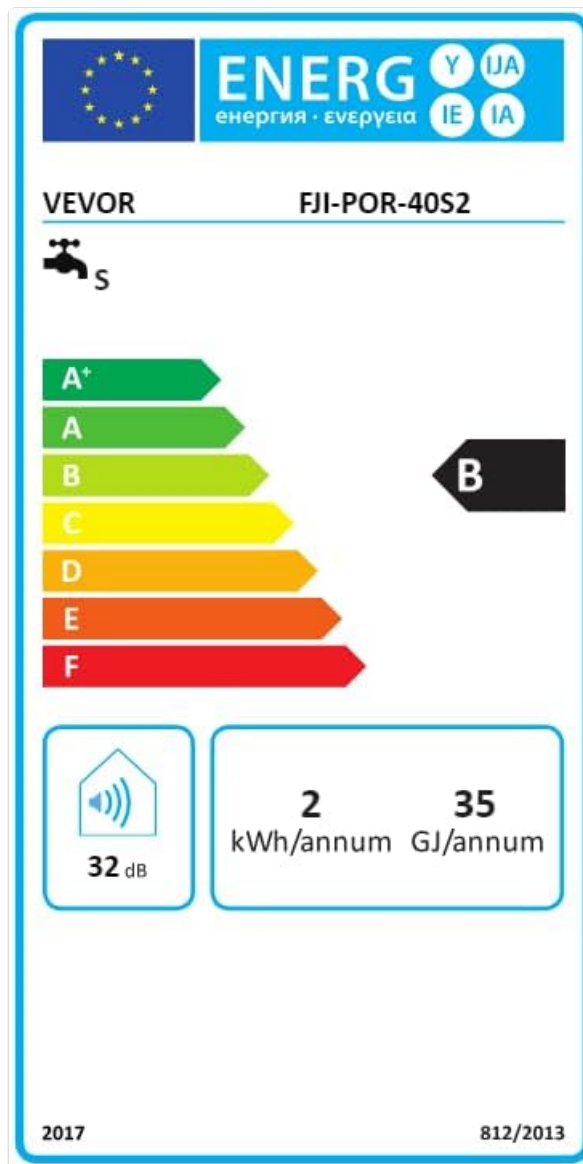


Image: EU Energy Label for the VEVOR FJI-POR-40S2 water heater.

For more detailed product data, refer to the EPREL database: <https://eprel.ec.europa.eu/qr/2199433>

WARRANTY AND CUSTOMER SUPPORT

VEVOR products are designed for durability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official VEVOR website.

If you encounter any issues that cannot be resolved using the troubleshooting guide, or if you require technical assistance, please contact VEVOR customer support:

- **Website:** www.vevor.com
- **Email:** Refer to your product documentation for specific support email.
- **Phone:** Refer to your product documentation for specific support phone number.

When contacting support, please have your product model number (FJI-POR-40S2) and purchase date readily available.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0DJP4X8T8>

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