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› VEVOR Electric Water Heater User Manual

VEVOR FJI-POR-70S2

VEVOR Electric Water Heater User Manual

Model: FJI-POR-70S2

1. INTRODUCTION

Thank you for choosing the VEVOR Electric Water Heater. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new water heater. Please read this manual thoroughly before installation and use, and retain it for future reference.



Figure 1: VEVOR 18 Gallon Electric Water Heater and accessories.

2. SAFETY INFORMATION

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

- Ensure the water heater is installed by a qualified professional in accordance with all local and national plumbing and electrical codes.
- Do not operate the water heater if it is damaged or malfunctioning.

- This appliance is rated IPX4 waterproof, providing protection against splashing water. However, do not immerse the unit in water.
- The unit features multiple safety protections including dry heating protection, overheat protection, and high-pressure protection.
- Always disconnect power to the unit before performing any maintenance or service.
- Do not block the pressure relief valve.



Figure 2: Built-in safety features of the VEVOR Electric Water Heater.

3. PRODUCT OVERVIEW

3.1 Key Features

- **18-Gallon Water Capacity:** Provides ample hot water for typical household needs, including dishwashing and laundry.
- **1600W High-Power Heating:** Reduces wait time for hot water.
- **Immersion Heating Element:** Ensures continuous hot water delivery and efficient heating.
- **Enamel Coating:** Enhances safety and protects against corrosion, ensuring long-term durability.
- **20mm Foam Insulation Layer:** Provides excellent heat retention for up to 24 hours.
- **LED Display & Knob Control:** Easy monitoring and adjustment of water temperature.

18 GAL LARGE CAPACITY

1600W for whole family's hot water needs



1600W
High Power



86-167 F°
Temperature Range



Φ16.1" x 30.7"
Space Saving

Φ16.1"

30.7"



Figure 3: Key specifications and dimensions of the water heater.



Figure 4: Immersion heating element and control features.

ENAMELED GLASS COATING

24H Continuous Supply And Delivery Of Hot Water



Temperature-Resistant



Rust-Proof & Corrosion-Proof



Long Life



Figure 5: Benefits of the enameled glass coating.

20MM FOAM INSULATION

Long-Term Thermal Insulation, Enjoy Hot Water Immediately

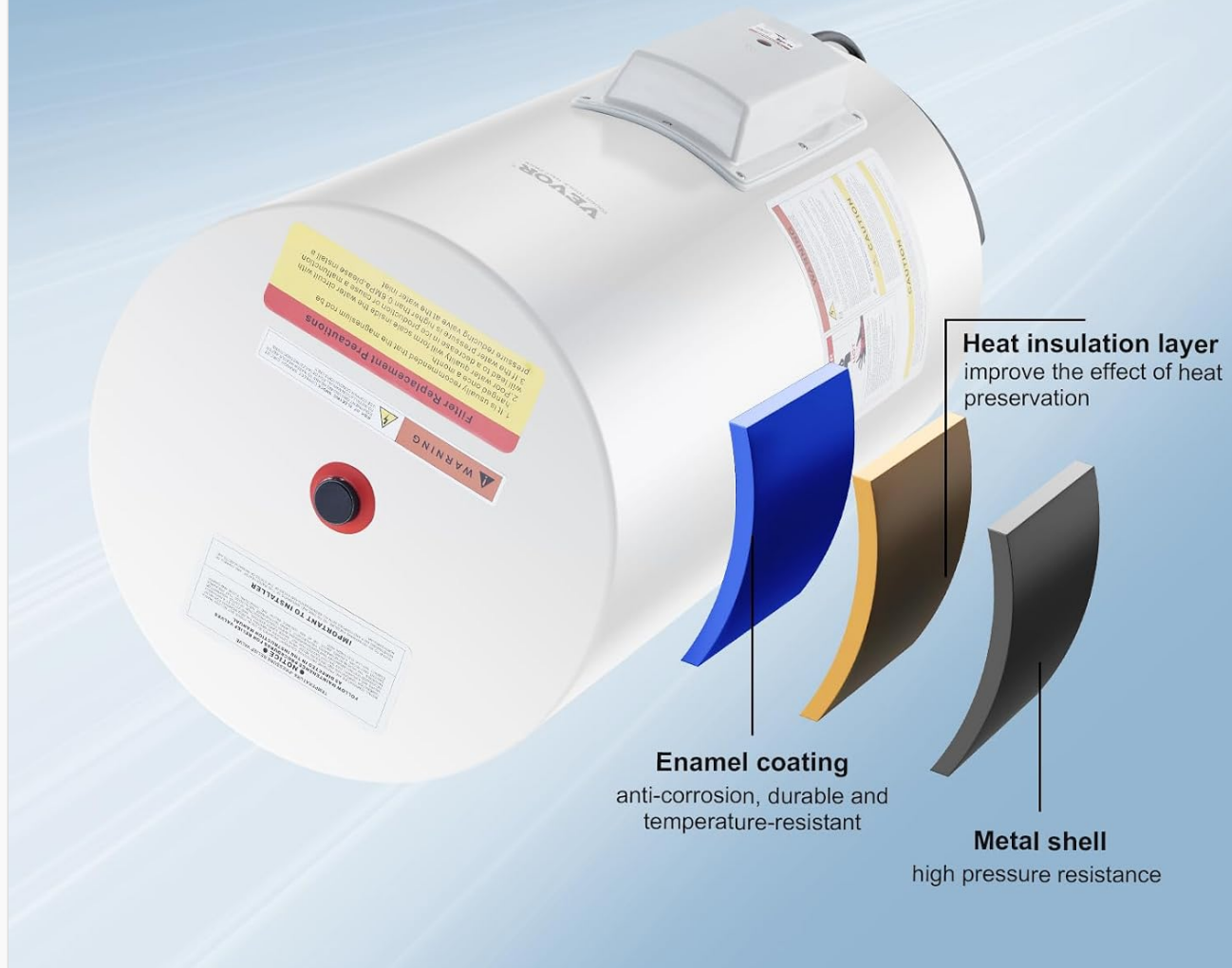


Figure 6: Internal structure and insulation for heat retention.

3.2 Package Contents

The following items are included with your VEVOR Electric Water Heater:

- 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

4. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your water heater. It is highly recommended that

installation be performed by a certified plumber or electrician.

4.1 Installation Steps

1. **Install the plug:** Connect the power plug on the right side above the heater to a suitable electrical outlet.
2. **Attach the safety valve:** Securely attach the provided safety valve to the water inlet connection.
3. **Add a rubber gasket:** Apply a rubber gasket to the threads of connections to prevent leaks, then tighten all plumbing connections.



Figure 7: Easy three-step installation overview.

4.2 Water Connections

Ensure correct connection of hot water outlet and cold water inlet pipes. The cold water inlet is typically on the bottom side, and the hot water outlet on the top side of the unit.



Figure 8: Water connection points and accessory overview.

5. OPERATING INSTRUCTIONS

Once installed and filled with water, your VEVOR Electric Water Heater is ready for operation.

5.1 Temperature Control

The water heater features an LED heating display and a rotary temperature control knob. You can adjust the water temperature from 30°C to 75°C (86°F to 167°F).

- Turn the knob clockwise to increase the temperature.
- Turn the knob counter-clockwise to decrease the temperature.
- The LED indicator will illuminate when the unit is actively heating water.



Figure 9: LED indicator and temperature control knob.

6. MAINTENANCE

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

- **Annual Inspection:** Have a qualified professional inspect the water heater annually. This includes checking the pressure relief valve, heating elements, and connections for wear or leaks.
- **Drainage:** Periodically drain a few gallons of water from the bottom of the tank to remove sediment buildup. Consult a professional if unsure about this procedure.
- **Exterior Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

7. TROUBLESHOOTING

If you encounter issues with your water heater, refer to the following common problems and solutions. For complex issues, contact a qualified technician.

Problem	Possible Cause	Solution
No hot water	No power; thermostat setting too low; tripped circuit breaker.	Check power supply; adjust thermostat; reset circuit breaker.
Insufficient hot water	Thermostat setting too low; excessive hot water usage; sediment buildup.	Increase thermostat setting; reduce hot water demand; consider professional descaling.
Water leaks	Loose connections; faulty pressure relief valve; tank corrosion.	Tighten connections; replace faulty valve; contact professional for tank issues.

Problem	Possible Cause	Solution
Water too hot	Thermostat setting too high.	Decrease thermostat setting.

8. SPECIFICATIONS

Attribute	Value
Brand	VEVOR
Model Number	FJI-POR-70S2
Product Dimensions	16.1"W x 30.7"H
Color	White
Wattage	1600W
Maximum Temperature	167°F (75°C)
Capacity	18 Gallon / 70 L
Item Weight	53 pounds (24 kg)
Connection Direction	Side Connection
UPC	197988414797



Item Model Number : **FJI-POR-70S2**
Material : **Cold Rolled Carbon Steel**
Product Size : **Φ16.1 x 30.7 inch**
Φ410 x 780 mm
Net Weight : **53 lbs / 24 kg**
Connection Direction : **Side Connection**
Power : **1600W**
Capacity : **18 gal / 70 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

Figure 10: Detailed product specifications.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact VEVOR customer support. Refer to the contact information provided with your purchase or visit the official VEVOR website.

For more information, visit the [VEVOR Store](#).

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ASK A QUESTION ABOUT THIS MANUAL

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

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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

Answered questions about this manual

What part do I need to replace the heating elements in the VEVOR FJI-POR-70S2 18-gallon 1600W water heater?

For the VEVOR FJI-POR-70S2 (18-gallon, 1600W unit), you need a specific 1600W immersion heating element. While the manual identifies the component as an "Immersion Heating Element" and notes it is protected by an enamel...

[Read full answer](#)

What kind of extension cord can I use with the VEVOR FJI-POR-70S2 18-gallon electric water heater?

For the VEVOR FJI-POR-70S2 18-Gallon Electric Water Heater, it is generally recommended to avoid using an extension cord if possible. High-wattage appliances like this 1600W heater draw significant current, which can cause extension cords...

[Read full answer](#)