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Voltas AQUA PRO 255VPBGY

Voltas Aqua Pro 25 L Water Heater User Manual

Model: AQUA PRO 255VPBGY

1. Introduction

Thank you for choosing the Voltas Aqua Pro 25 L Water Heater. This manual provides essential information for the safe installation, operation, and maintenance of your new appliance. Please read these instructions carefully before use and retain them for future reference.
The Voltas Aqua Pro water heater is designed to provide efficient and reliable hot water for your household needs, featuring a robust copper construction and multiple safety features.

2. Safety Instructions

Always adhere to the following safety precautions to prevent injury or damage to the appliance:

- Ensure the water heater is installed by a qualified technician in accordance with local regulations and this manual.
- Do not operate the water heater if it is damaged or malfunctioning.
- Ensure the electrical supply matches the specifications of the appliance (2000 W, Corded Electric).
- Never block the pressure relief valve. Regular inspection of this valve is recommended.
- Do not store flammable materials near the water heater.
- Disconnect power before performing any maintenance or cleaning.
- The water heater operates under pressure; ensure all connections are secure and leak-free.

3. Product Features

The Voltas Aqua Pro 25 L Water Heater incorporates advanced features for performance and durability:

- **Capacity:** 25 Liters, suitable for various household hot water demands.
- **Power:** 2000 Watts for rapid heating.
- **Material:** 100% Copper construction for enhanced durability and heat transfer efficiency.
- **Safety:** Equipped with a 6-level safety feature for user protection.
- **Design:** Art-Based Design with a Stone Gray finish.
- **Pressure Rating:** Capable of withstanding up to 8 Bars of water pressure.



Figure 3.1: Front view of the Voltas Aqua Pro 25 L Water Heater.

4. Setup and Installation

Proper installation is crucial for the safe and efficient operation of your water heater. This unit is designed for indoor wall mounting.

4.1 Mounting

The water heater must be securely mounted on a sturdy wall capable of supporting its full weight when filled with water (approximately 25 kg + unit weight). Use the provided mounting bracket and hardware.



Figure 4.1: Rear view with mounting bracket.

4.2 Plumbing Connections

1. Connect the cold water inlet to the designated port (usually marked blue).
2. Connect the hot water outlet to the designated port (usually marked red).
3. Install a pressure relief valve (PRV) on the cold water inlet line, as required by local codes.
4. Ensure all connections are sealed properly to prevent leaks. The water heater is designed for freshwater systems with a maximum pressure of 8 Bars.

4.3 Electrical Connection

The water heater requires a dedicated 2000 W, 230V AC electrical circuit. Ensure the wiring is correctly sized and protected by an appropriate circuit breaker. Connect the appliance to a grounded outlet. Do not use extension cords.

5. Operating Instructions

5.1 Initial Start-up

1. Before turning on power, ensure the water heater is completely filled with water. Open a hot water faucet in your home until water flows steadily, indicating the tank is full and air has been purged.
2. Close the hot water faucet.
3. Connect the power cord to a suitable electrical outlet or switch on the dedicated circuit breaker.
4. The indicator light (if present) will illuminate, signifying that the heating element is active.

5.2 Temperature Control

The Voltas Aqua Pro water heater typically features an adjustable thermostat. Refer to the control knob or digital display on the unit to set your desired water temperature. For energy efficiency and safety, avoid setting the temperature excessively high.

5.3 Normal Operation

Once the desired temperature is reached, the heating element will cycle on and off automatically to maintain the set temperature. Hot water will be available at your faucets as needed.

6. Maintenance

Regular maintenance ensures the longevity and efficiency of your water heater.

6.1 Draining the Tank

Periodically, it may be necessary to drain the tank to remove sediment buildup. This should be done at least once a year or more frequently in areas with hard water.

1. Turn off the electrical power to the water heater.
2. Close the cold water supply valve to the water heater.
3. Open a hot water faucet in your home to relieve pressure and allow air into the tank.
4. Connect a hose to the drain valve at the bottom of the water heater and direct it to a suitable drain.
5. Open the drain valve and allow the tank to empty completely.
6. Once drained, close the drain valve, remove the hose, and refill the tank as per the initial start-up instructions before restoring power.

6.2 Anode Rod Inspection

The anode rod protects the tank from corrosion. It should be inspected and replaced every 1-3 years, depending on water quality. This task is best performed by a qualified technician.

6.3 Pressure Relief Valve (PRV) Test

Test the PRV annually by lifting the lever to ensure it operates freely. Water should discharge from the valve. If no water discharges, or if the valve sticks, it must be replaced immediately. Exercise caution as discharged water may be hot.

7. Troubleshooting

Refer to the following table for common issues and their potential solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No hot water	No power; thermostat set too low; heating element failure.	Check power supply/breaker; adjust thermostat; contact service for element replacement.
Insufficient hot water	Thermostat set too low; excessive hot water usage; sediment buildup.	Increase thermostat setting; reduce hot water demand; drain tank to remove sediment.
Water leaks	Loose plumbing connections; faulty PRV; tank leak.	Tighten connections; replace PRV; contact service for tank inspection.
Strange noises (rumbling, popping)	Sediment buildup in tank.	Drain and flush the tank thoroughly.

If you are unable to resolve an issue, please contact a qualified service technician.

8. Specifications

Detailed technical specifications for the Voltas Aqua Pro 25 L Water Heater:

Specification	Detail
Brand	Voltas
Model Number	AQUA PRO 255VPBGY
Capacity	25 Liters
Power Source	Corded Electric
Rated Power	2000 Watts
Maximum Pressure	8 Bars
Mount Type	Wall
Material	Copper
Colour	Stone Gray
Special Features	Art-Based Design, 6-Level Safety Feature, 100% Copper Construction

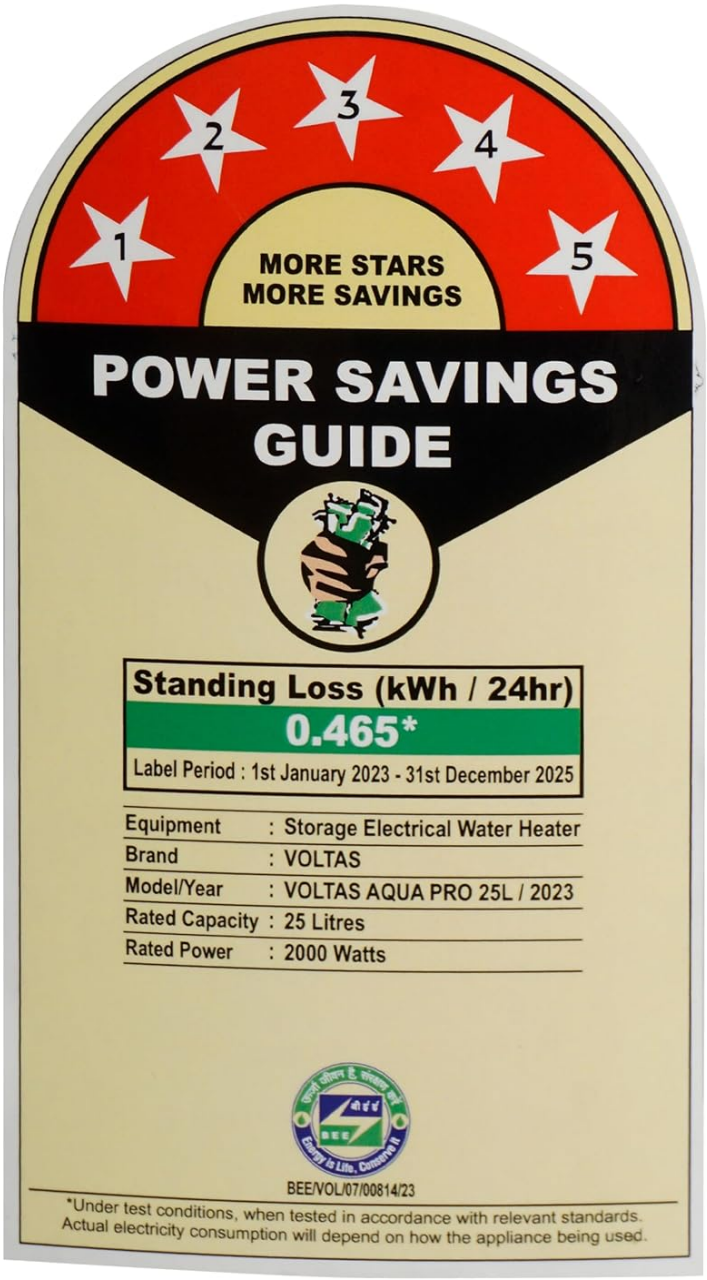


Figure 8.1: Power Savings Guide (Energy Label).

9. Warranty and Support

For warranty information, service requests, or technical support, please contact Voltas customer service. Keep your purchase receipt and model number (AQUA PRO 255VPBGY) readily available when contacting support.
Manufacturer: VOLTAS

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