Voltas AquaM 10L

Voltas AquaM 5-Star 10L Water Heater 2000W

Model: AquaM 10L (Model Number: 4610001)

Brand: Voltas

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Voltas AquaM 5-Star 10L Water Heater. Please read these instructions carefully before using the appliance and retain them for future reference. Proper adherence to these guidelines will ensure optimal performance and longevity of your water heater.



Front view of the Voltas AquaM 10L Water Heater.

2. Safety Information

Your safety and the safety of others are paramount. This water heater is designed with a comprehensive 6-level safety system and IP X 4 waterproofing for reliable operation. Always follow basic safety precautions to reduce the risk of fire, electric shock, and injury.

- **Electrical Safety:** Ensure the water heater is connected to a properly grounded electrical outlet. Do not use extension cords. Disconnect power before any maintenance or service.
- **Water Pressure:** The unit is built to withstand up to 8 bar pressure, suitable for high-rise buildings. Ensure your home's water pressure is within acceptable limits.
- **Temperature Control:** Exercise caution when adjusting the temperature. Hot water can cause severe burns instantly.
- **Installation:** Installation should only be performed by qualified personnel to ensure proper setup and safety.
- **Children and Pets:** Keep children and pets away from the water heater, especially during operation.

3. Product Overview

3.1 Components Included

The product package typically includes:

- Voltas AquaM Water Heater Unit
- Connecting Pipes
- Instruction Manual
- Multi-Function Valve (MFV Valve)

3.2 Key Features

- **Capacity:** 10 Litres, providing uninterrupted hot water.
- **Pressure Compatibility:** Designed to withstand up to 8 bar pressure, making it suitable for high-rise buildings.
- **Power:** 2000W for fast and efficient heating.
- **Heating Element:** 100% Copper heating element for superior heat transfer.
- **Safety:** IP X 4 Water Proofing and a 6-level safety system.
- **Insulation:** High-density PUF insulation for maximum energy saving.
- **Tank Construction:** Ultra-Strong Steel Single Line welded Tank with Quartzline Technology (Enamel Coated Glassline Tank) for durability.
- **Corrosion Protection:** Magnesium Anode extends tank life and protects against corrosion.
- **Temperature Control:** Features a temperature control knob and Smart Thermostat Technology for automatic temperature regulation.

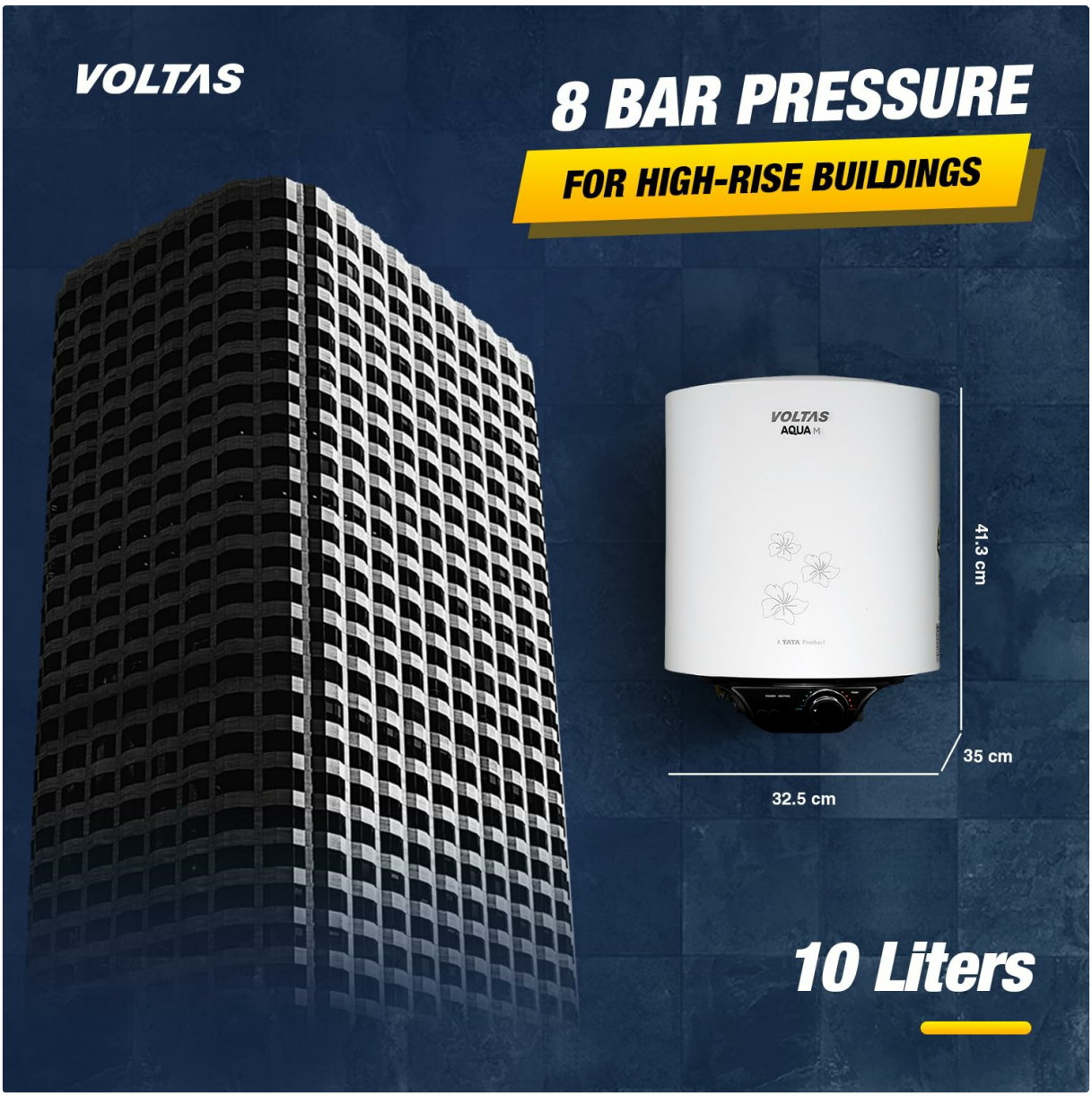


Illustration showing the Voltas AquaM 10L Water Heater's dimensions (35cm width, 41.3cm height) and its 8 bar pressure rating, suitable for high-rise buildings.



Key features of the water heater including 2000W power, IPX-4 splash proofing, high-density PUF insulation, and the temperature control knob.



Detail showing the 100% Copper heating element for superior heating and the Magnesium Anode for corrosion protection, extending tank life.



Illustration highlighting the robust tank construction: Ultra-Strong Steel Single Line welded Tank with Quartzline Technology (Enamel Coated Glassline Tank).

4. Setup and Installation

For safety and optimal performance, the installation of the Voltas AquaM Water Heater should be carried out by a qualified and authorized technician. The product includes connecting pipes and an MFV valve to facilitate installation.

4.1 Pre-Installation Checks

- Ensure the installation location is suitable for a wall-mounted water heater, with adequate support for the unit's weight when full.
- Verify that the electrical supply matches the product's requirements (100 Volts, 2000W).
- Confirm access to cold water inlet and hot water outlet connections.

4.2 Installation Steps (Summary for Technician)

1. Mount the water heater securely on a vertical wall using appropriate fasteners.
2. Connect the cold water inlet to the water heater's inlet port, ensuring the MFV valve is correctly installed.
3. Connect the hot water outlet to the household hot water supply line.

4. Fill the tank with water before connecting to the electrical supply. Open a hot water tap to allow air to escape until water flows steadily.
5. Connect the water heater to the dedicated electrical circuit.
6. Test for leaks and proper operation.

5. Operating Instructions

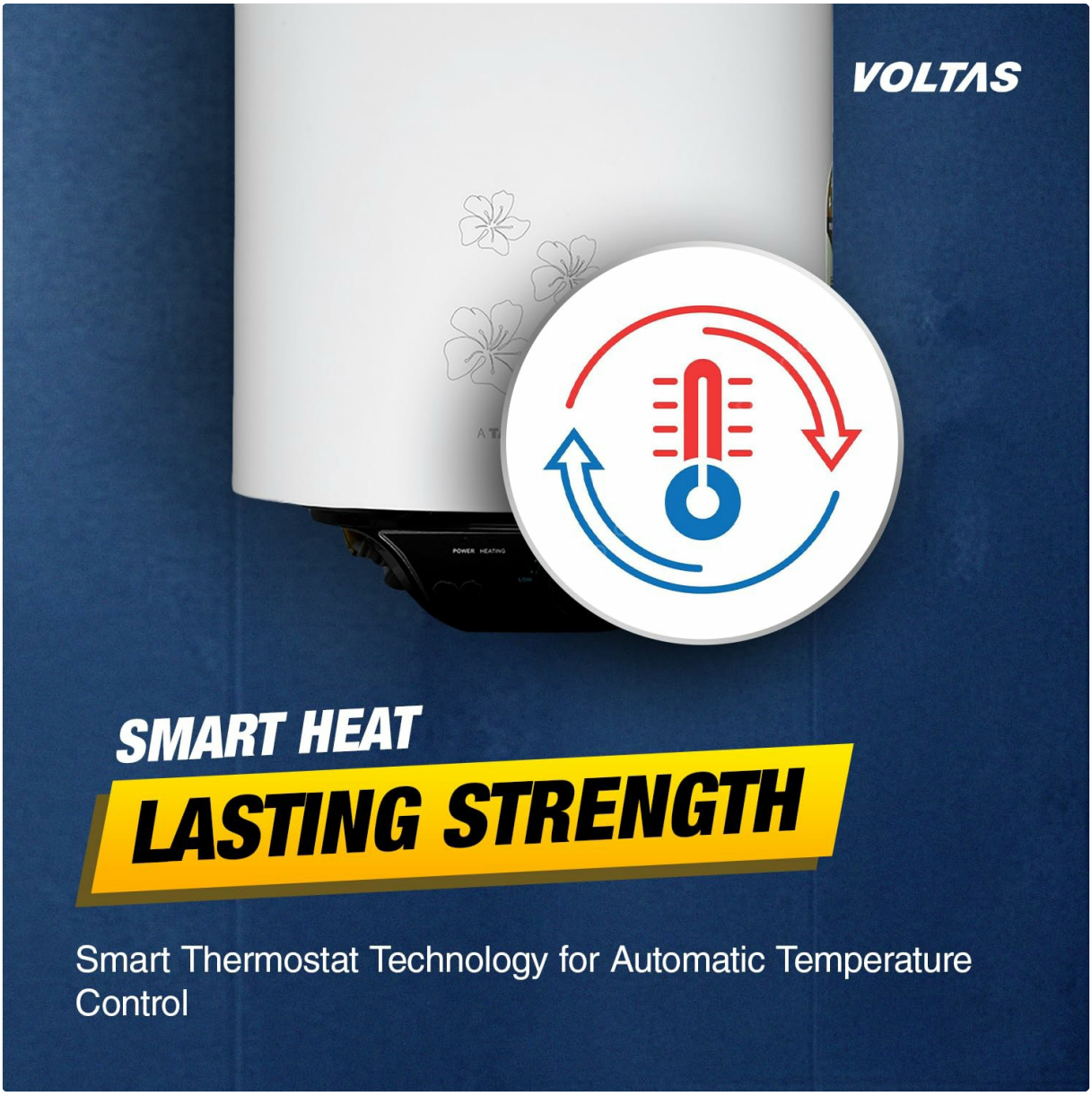
Once properly installed and filled with water, your Voltas AquaM Water Heater is ready for use.

5.1 Powering On/Off

- To turn on the water heater, switch on the dedicated power supply. The power indicator light will illuminate.
- To turn off, simply switch off the power supply.

5.2 Setting Water Temperature

The water heater features a temperature control knob located at the bottom of the unit. Rotate the knob to your desired temperature setting. The Smart Thermostat Technology will automatically maintain the set temperature.



Visual representation of the Smart Thermostat Technology for automatic temperature control.

- Allow sufficient time for the water to heat up, especially after initial power-on or if the tank has been drained.
- For energy efficiency, set the temperature to a comfortable level rather than the maximum.

6. Maintenance

Regular maintenance ensures the efficiency and extends the lifespan of your water heater. Always disconnect the power supply before performing any maintenance.

6.1 General Cleaning

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

6.2 Anode Rod Inspection

The Magnesium Anode rod protects the tank from corrosion. It should be inspected and replaced periodically (typically every 1-3 years, depending on water quality). This service should be performed by a qualified technician.

6.3 Draining the Tank (If Required)

If the water heater will be out of use for an extended period or in freezing conditions, it may need to be drained. Consult a technician for proper draining procedures.

7. Troubleshooting

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

Problem	Possible Cause	Solution
No hot water	No power supply; Thermostat tripped; Heating element failure.	Check power switch/circuit breaker; Reset thermostat (if accessible); Contact service.
Insufficient hot water	Temperature setting too low; High hot water demand; Sediment buildup.	Increase temperature setting; Allow more recovery time; Contact service for descaling.
Water leaking	Loose connections; MFV valve discharge; Tank leak.	Tighten connections; This is normal if pressure is too high; Immediately turn off water/power and contact service.
Unusual noise	Sediment buildup in tank.	Contact service for descaling.

For issues not listed above or if solutions do not resolve the problem, please contact Voltas customer support.

8. Specifications

Brand	Voltas
Model Number	4610001
Style Name	Aqua M

Capacity	10 Liters
Power Source	Corded Electric
Power Consumption	2000W
Voltage	100 Volts
Product Dimensions (W x H)	35W x 41.3H Centimeters
Colour	White
Efficiency	High (5-Star Rated)
Maximum Pressure	8 Bars
Mount Type	Wall
Item Weight	3000 Grams
Manufacturer	Voltas
Manufacture Year	2023
Included Components	Water Heater, Connecting Pipes, Manual, MFV Valve

9. Warranty Information

Voltas provides the following warranty coverage for your AquaM Water Heater:

- **7 Years Warranty** on the Tank
- **3 Years Warranty** on the Heating Element
- **2 Years Warranty** on the Product (overall)

Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects under normal use conditions. For detailed terms and conditions, refer to the warranty card included with your product or contact Voltas customer support.



Visual summary of the warranty coverage for the Voltas AquaM Water Heater.

10. Customer Support

For any queries, technical assistance, installation requests, or warranty claims, please contact Voltas customer support. Refer to the contact information provided in your product documentation or visit the official Voltas website.

Manufacturer Contact Information: Voltas House 'A' Block, Dr. Babasaheb Ambedkar Rd, Chinchpokli, Mumbai - 400 033, India.