Havells GHWEMFMIV010

Havells Monza EC 10-Litre Vertical Storage Water Heater User Manual

Model: GHWEMFMIV010

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Havells Monza EC 10-Litre Vertical Storage Water Heater. Please read these instructions carefully before using the appliance and retain them for future reference.

2. Important Safety Instructions

- 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. Disconnect power immediately.
- Always ensure the appliance is properly grounded to prevent electrical shock.
- Do not block the pressure relief valve. Regular inspection of the valve is recommended.
- Keep flammable materials away from the water heater.
- Before any maintenance or cleaning, switch off the power supply to the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. Product Overview and Features

The Havells Monza EC 10-Litre Vertical Storage Water Heater is designed for efficient water heating. Key features include:

- **Feroglas Technology:** Utilizes ultra-thick superior steel for the inner tank, providing corrosion resistance and anti-rust properties, contributing to a longer product life.
- **Incoloy Glass Coated Heating Element:** Offers heating performance with resistance to oxidation and

carbonization at high temperatures, and corrosion resistance in hard water conditions.

- **Heavy Duty Anode Rod:** Features a stainless steel core designed to protect the tank from corrosive elements through a special catalyst action.
- **Adjustable Temperature Knob:** Allows temperature settings between 25°C to 75°C.
- **Multi-function Safety Valve:** Protects the tank from internal and external pressure build-up.
- **High Pressure Rating:** Withstands up to 8 bars of pressure, suitable for high-rise buildings.
- **IPX-4 Protection:** Provides protection against water splashes.
- **BEE 4 Star Rating:** Indicates energy efficiency.
- **CFC Free Thicker PUF Insulation:** Offers protection against radiant heat loss, reducing energy consumption.
- **Flexi Pipe:** Included stainless-steel braided pipe suitable for both hot and cold water, with an 8 Bar working pressure.



Figure 3.1: Havells Monza EC 10-Litre Vertical Storage Water Heater, front view.



Figure 3.2: Illustration highlighting the Incoloy Glass Coated Heating Element technology.



Figure 3.3: Illustration detailing the Feroglas Technology for tank durability.



Figure 3.4: Close-up of the adjustable temperature knob for user control.



Figure 3.5: Diagram illustrating the heavy-duty anode rod for tank protection.



Figure 3.6: Visual representation of the water heater's suitability for high-rise building pressure systems.



Figure 3.7: The Havells Monza EC water heater installed in a typical bathroom environment.

4. Setup and Installation

Installation of the Havells Monza EC water heater should only be performed by a qualified and authorized technician. Incorrect installation can lead to hazards and void the warranty.

4.1 Pre-Installation Checks

- Verify that the mounting surface is strong enough to support the full weight of the water heater when filled with water (approximately 18 kg for 10-litre model).
- Ensure adequate space for maintenance and ventilation around the unit.
- Confirm that the electrical supply matches the appliance's requirements (230 Volts, 2000 Watts).

4.2 Mounting

The water heater is designed for vertical wall mounting. Use the provided fasteners and ensure secure attachment to the wall.

4.3 Plumbing Connections

- Connect the cold water inlet and hot water outlet using the provided flexible pipes.
- Install the multi-function safety valve on the cold water inlet line as per the instructions provided with the valve. This valve is crucial for safe operation.
- Ensure all connections are watertight to prevent leaks.

4.4 Electrical Connection

- Connect the water heater to a dedicated, properly grounded electrical circuit.
- Ensure the circuit has appropriate overcurrent protection.

5. Operating Instructions

5.1 Initial Start-up

1. Before switching on the power, ensure the water heater tank is completely filled with water. Open a hot water tap in your home to allow air to escape until water flows steadily.
2. Once the tank is full, close the hot water tap.
3. Switch on the electrical power supply to the water heater.

5.2 Temperature Adjustment

The water heater features an adjustable knob for setting the desired water temperature. Rotate the knob to select a temperature between 25°C (minimum) and 75°C (maximum). The indicator light will illuminate when the heating element is active and turn off once the set temperature is reached.

5.3 Normal Operation

The water heater will automatically heat the water to the set temperature and maintain it. It will cycle on and off as needed to keep the water at the desired temperature.

6. Maintenance

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

6.1 Draining the Tank

If the water heater will not be used for an extended period or if there is a risk of freezing, drain the tank. To drain:

1. Turn off the power supply to the water heater.
2. Close the cold water inlet valve to the water heater.
3. Open a hot water tap in your home to allow air to escape.
4. Open the drain valve located at the bottom of the water heater (if present) or disconnect the cold water inlet pipe to allow water to drain.

6.2 Safety Valve Inspection

Periodically check the multi-function safety valve for proper operation. Refer to the safety valve manufacturer's instructions for specific testing procedures. Do not tamper with the safety valve.

6.3 Cleaning

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

6.4 Anode Rod Replacement

The anode rod protects the tank from corrosion. Its lifespan depends on water quality. It is recommended to have the anode rod inspected and replaced by a qualified technician every 1-2 years, or as needed.

7. Troubleshooting

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

Problem	Possible Cause	Solution
No hot water or insufficient hot water.	◦ No power supply. ◦ Thermostat set too low. ◦ Heating element failure. ◦ Tank not filled with water.	◦ Check power switch and circuit breaker. ◦ Adjust temperature knob to a higher setting. ◦ Contact a qualified technician. ◦ Ensure tank is full before switching on power.
Water is too hot.	Thermostat set too high.	Adjust temperature knob to a lower setting.
Water leakage.	◦ Loose plumbing connections. ◦ Faulty safety valve. ◦ Tank corrosion (rare).	◦ Tighten connections (ensure power is off and water supply is closed). ◦ Contact a qualified technician for inspection/replacement. ◦ Contact customer service.
Unusual noises from the heater.	Sediment buildup in the tank.	Contact a qualified technician for descaling.

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

8. Specifications

Brand	Havells
Model Number	GHWEMFMIV010
Capacity	10 Litres
Wattage	2000 Watts
Voltage	230 Volts
Maximum Operating Pressure	8 Bars
Product Dimensions (W x H)	33.4 cm x 46.8 cm
Item Weight	8 kg
Mounting Type	Wall
BEE Rating	4 Star

Waterproof Degree	IPX-4 Protection
Included Components	1 N Storage Electric water heater, 1 N User manual, 1 N Multifunction Safety Valve, 2 N fasteners, 2 N Flexible pipes

9. Warranty and Support

9.1 Warranty Information

Your Havells Monza EC water heater comes with the following warranty:

- **7 years** on the inner container.
- **4 years** on the Heating Element.
- **2 years** comprehensive warranty on the product.

Please retain your purchase receipt for warranty claims. The warranty is subject to terms and conditions outlined in the full warranty document provided with the product.



Figure 9.1: Visual representation of the warranty details for the inner tank and overall product.

9.2 Customer Support

For technical assistance, service requests, or warranty claims, please contact Havells customer support:

- **Manufacturer:** Havells India Ltd.
- **Address:** QRG Towers, 2D, Sec- 126, Expressway, Noida - 201304 UP (India)
- **Telephone:** +91 - 120 - 4771000
- Refer to the official Havells website or product packaging for the most current contact information.

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