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› [Orient Electric](#) /

› Orient Electric Maverick 10L Storage Water Heater User Manual

Orient Electric B0C9429HCX

Orient Electric Maverick 10L Storage Water Heater User Manual

Model: B0C9429HCX

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Orient Electric Maverick 10L Storage Water Heater. Please read these instructions carefully before installation and use, and retain them for future reference. This appliance is designed to provide hot water for domestic use.



Figure 1: Orient Electric Maverick 10L Storage Water Heater

2. SAFETY INSTRUCTIONS

- Installation must be performed by a qualified technician in accordance with all local electrical and plumbing regulations.
- Ensure the electrical supply voltage (230V) matches the specifications of the water heater.
- Do not operate the water heater if it is damaged, malfunctioning, or if the power cord is frayed.
- Never block or tamper with the pressure relief valve. This valve is a critical safety device.
- Always disconnect power to the water heater before performing any maintenance, cleaning, or repairs.
- 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.
- Do not store or use flammable materials near the water heater.

3. PRODUCT COMPONENTS AND FEATURES

The Orient Electric Maverick 10L Storage Water Heater incorporates several features for performance and durability:

- **Tank:** High Strength Nano-Polymer coated tank for extended lifespan, especially in hard water conditions.
- **Heating Element:** Nickel-coated heavy copper heating element with a 27% thicker Magnesium Anode rod for superior corrosion resistance.
- **Outer Body:** Sophisticated design with a PCM sheet outer body and an IPX2 pre-coated metal body for shock-proof and water-proof protection.
- **Insulation:** Thick PUF insulation ensures 10% longer heat retention, contributing to energy efficiency.
- **Technology:** Whirlflow technology provides 20% more hot water output.
- **Safety Valve:** Enhanced safety with a multifunction valve.
- **Plug:** Moulded 3-pin plug for better load efficiency.
- **Pressure Compatibility:** Suitable for high-rise buildings with pressure compatibility up to 8 bar.
- **Temperature Control:** Customizable temperature setting knob.

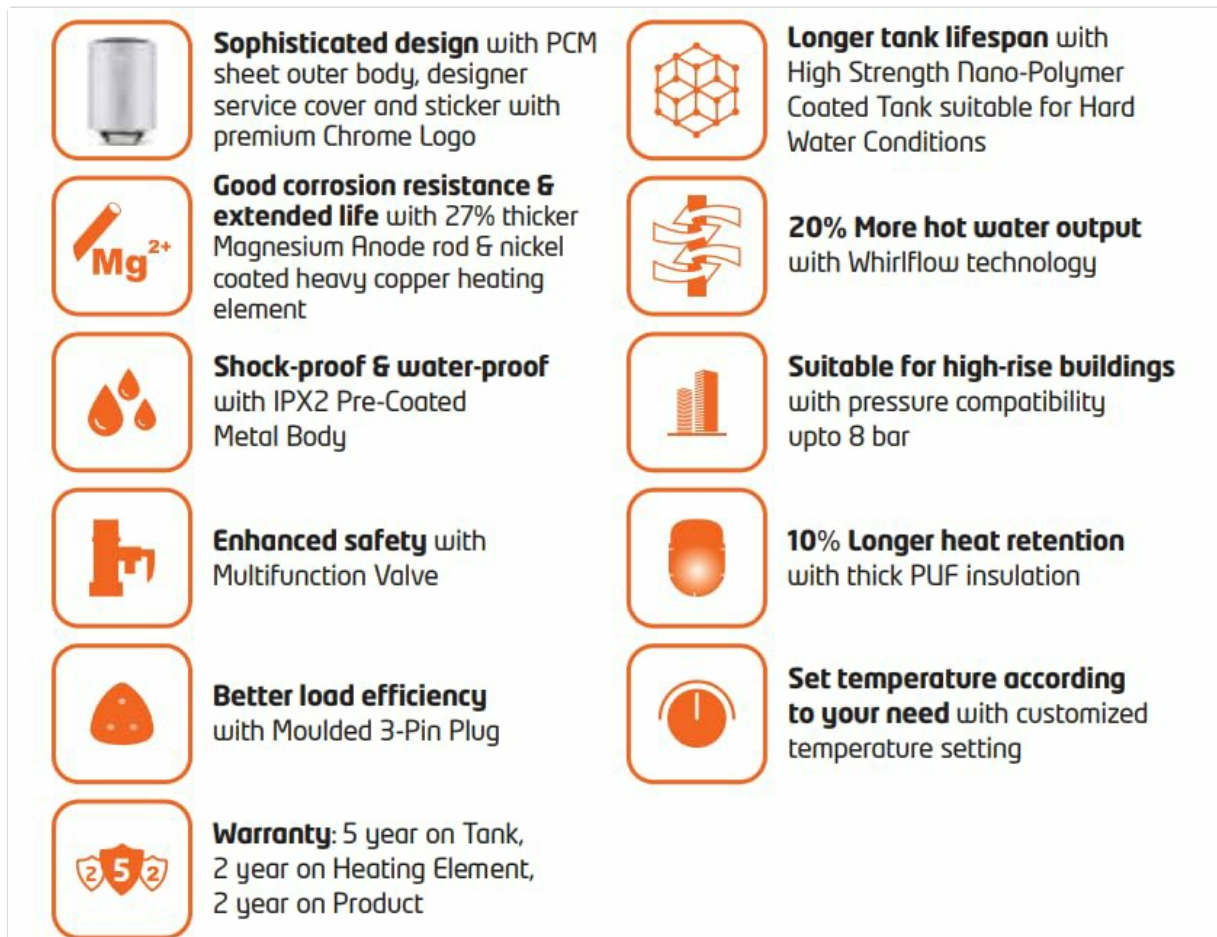


Figure 2: Key Features and Benefits

4. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your water heater. This process should be carried out by a qualified professional.

1. **Location Selection:** Choose a suitable indoor wall location that is structurally sound to support the weight of the water heater when full. Ensure adequate space around the unit for ventilation and future maintenance.

2. **Wall Mounting:** Securely mount the water heater to the chosen wall using appropriate fasteners and following any provided mounting templates. The unit is designed for wall mounting.
3. **Water Connections:** Connect the cold water inlet (typically marked with blue) and the hot water outlet (typically marked with red) to your plumbing system. Install a pressure relief valve (PRV) on the cold water inlet line as per local plumbing codes. Ensure all connections are sealed properly to prevent leaks.
4. **Electrical Connection:** Connect the water heater to a dedicated, grounded 230V AC power supply. Use the provided moulded 3-pin plug. Ensure the circuit is protected by a suitable circuit breaker or fuse as per electrical safety standards.
5. **Filling the Tank:** Before switching on the power, open a hot water tap in your home to allow air to escape from the system. Then, open the cold water inlet valve to fill the water heater tank completely. Close the hot water tap once water flows steadily from it, indicating the tank is full.

5. OPERATING INSTRUCTIONS

Once installed and filled with water, operating your water heater is straightforward:

1. **Power On:** Plug the water heater into the electrical outlet and switch on the power supply. The 'POWER' indicator light on the unit will illuminate.
2. **Set Temperature:** Rotate the temperature control knob to your desired hot water temperature. The 'HEATING' indicator light will turn on, indicating that the water heater is actively heating the water.
3. **Automatic Operation:** The water heater will automatically heat the water to the set temperature and then switch off. It will reactivate and reheat the water when the temperature drops below the set point.
4. **Power Off:** To turn off the water heater, switch off the power supply at the wall outlet or disconnect the plug.

6. MAINTENANCE

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

- **Exterior Cleaning:** Wipe the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Anode Rod Inspection:** The magnesium anode rod protects the tank from corrosion. It should be inspected and replaced periodically (typically every 1-2 years, depending on local water quality) by a qualified technician.
- **Draining the Tank:** If the water heater will be unused for an extended period (e.g., during vacations) or for maintenance, it is advisable to drain the tank. To do this, first disconnect the power supply, then close the cold water inlet valve. Open a hot water tap in your home and open the pressure relief valve to allow the water to drain completely.
- **Pressure Relief Valve Test:** Periodically test the pressure relief valve by lifting the lever. Water should flow out. If no water flows, or if the valve does not reseal properly, it may need replacement. Consult a technician.

7. TROUBLESHOOTING

Before contacting customer service, review these common issues and solutions:

- **No Hot Water:**
 - Check if the power supply is on and the circuit breaker has not tripped.

- Ensure the temperature setting knob is not set to minimum.
- Verify that the cold water inlet valve is fully open.
- **Water Not Hot Enough:**
 - Adjust the temperature setting higher.
 - Allow sufficient time for the water to heat, especially after initial setup or heavy use.
 - Check for excessive hot water usage that might deplete the tank faster than it can reheat.
- **Water Leakage:**
 - Immediately turn off the power and water supply to the unit.
 - Inspect pipe connections for tightness. Tighten if necessary.
 - If leakage persists from the tank or pressure relief valve, contact a qualified technician.
- **Unusual Noises:**
 - Minor popping or hissing sounds during heating are normal due to water expansion.
 - Loud or persistent rumbling noises may indicate sediment buildup in the tank. This requires professional servicing.

8. SPECIFICATIONS

Feature	Specification
Brand	Orient Electric
Model Number	B0C9429HCX
Capacity	10 Liters
Voltage	230 Volts
Power Source	Corded Electric
Maximum Pressure	8 Bars
Mount Type	Wall
Material	Copper, Metal
Special Features	Energy Efficient, Rustproof, High Strength Nano-Polymer coating, Whirlflow technology, Thick PUF insulation

9. WARRANTY AND SUPPORT

Warranty: The Orient Electric Maverick 10L Storage Water Heater comes with the following warranty from the date of purchase:

- 5-year warranty on the tank.
- 2-year warranty on the heating element.

- 2-year warranty on the overall product.

This warranty covers manufacturing defects under normal use. Please retain your purchase receipt as proof of purchase for warranty claims.

Customer Support: For technical assistance, service requests, or warranty claims, please contact Orient Electric customer service. Refer to the product packaging or the official Orient Electric website for the most current contact details and service center information.