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› Orient Electric Aura Neo 3 Litre Instant Water Heater User Manual

Orient Electric IWAN03WSM3

Orient Electric Aura Neo 3 Litre Instant Water Heater

Model: IWAN03WSM3

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1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your Orient Electric Aura Neo 3 Litre Instant Water Heater. Please read these instructions carefully before using the appliance and retain them for future reference.



2. SAFETY INFORMATION

Your safety is paramount. This appliance incorporates multiple safety features. Always adhere to the following guidelines:

- **Shock-Proof and Rust-Resistant Body:** The water heater features a high-strength polymer body designed to be shock-proof and rust-resistant, ensuring ultra-safe usage.
- **5-Level Safety Shield:** This system provides protection against overheating, leakage, and electrical shocks. It includes a high-strength polymer body, a Pressure Release Valve (PRV), and an Anti-siphon hole.
- **Pressure Release Valve (PRV):** The PRV is a critical safety component that releases excess pressure from the tank, preventing potential damage.
- **Anti-Siphon Hole:** This feature prevents backflow of water and ensures safe operation.
- Ensure the appliance is properly earthed during installation.
- Do not operate the water heater if it is damaged or malfunctioning. Contact qualified service personnel.
- Keep children and unauthorized persons away from the appliance during operation.



Figure 2: Diagram illustrating the 5-level safety shield features.

3. PRODUCT OVERVIEW

Key Features:

- **Capacity:** 3 Litres, ideal for instant hot water needs.
- **Stainless Steel Tank:** High-grade stainless steel inner tank for durability and long life.
- **Heavy Copper Heating Element:** Equipped with a 3kW heavy copper heating element for rapid and efficient water heating.
- **High Pressure Compatibility:** Suitable for low-rise and mid-rise buildings with pressure compatibility up to 6.5 bars.

- **Glass Wool Insulation:** Provides longer heat retention, contributing to energy efficiency.
- **Neon Indicator:** For clear indication of power and heating status.



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SHOCK-PROOF & RUST-RESISTANT
With High-Strength Polymer Body

FASTER HEATING
With Heavy Copper Heating Element

SUITABLE FOR LOW & MID-RISE BUILDINGS
With Up To 6.5 Bar Pressure Compatibility

LONGER HEAT RETENTION
With Glass Wool Insulation

NEON INDICATOR
for power and heating indication

FATT se GARAM

Figure 3: Key features of the Aura Neo Instant Water Heater.

Components Included:

- 1 unit Instant Water Heater
- 1 unit User Manual (this document)
- 2 unit Fasteners for mounting

Note: Inlet and outlet pipes are not included and must be purchased separately.

4. INSTALLATION

Installation should be performed by a qualified technician to ensure safety and proper functioning. Incorrect installation can void the warranty and pose safety risks.

Site Selection:

- Mount the water heater vertically on a sturdy wall, close to the point of use to minimize heat loss.
- Ensure adequate clearance around the unit for maintenance and ventilation.
- The unit dimensions are approximately 24 cm (Width) x 34 cm (Height) x 19.2 cm (Depth). Plan mounting location accordingly.



Figure 4: Approximate dimensions of the Aura Neo 3L water heater.

Plumbing Connections:

1. Connect the cold water inlet to the designated inlet pipe of the water heater.
2. Connect the hot water outlet to your hot water tap.
3. Ensure all connections are tight and leak-free.
4. Open the cold water supply valve and allow the tank to fill completely. Check for any leaks.

Electrical Connections:

1. The water heater requires a 230V AC, 3000W power supply.

2. It is recommended to use a dedicated 16A or 32A power socket and MCB (Miniature Circuit Breaker) for this appliance to prevent overloading and ensure safety.
3. Ensure proper earthing is established.
4. Do not use extension cords or adapters.

5. OPERATION

Operating your Orient Electric Aura Neo Instant Water Heater is straightforward:

1. **Power On:** Ensure the water heater is filled with water (as per installation steps) before switching on the power supply. Turn on the main power switch for the water heater.
2. **Heating Indication:** The neon indicator light on the unit will illuminate, indicating that the heating element is active and water is being heated.
3. **Wait for Heating:** Allow approximately 1-2 minutes for the water to reach the desired temperature. The indicator light may change color or turn off once the set temperature is reached, depending on the model.
4. **Dispensing Hot Water:** Open the hot water tap at a normal to slow flow rate. This allows the instant water heater sufficient time to continuously warm the water as it flows through. If the tap is fully opened at maximum speed, the water heater may not have enough time to heat the water to the optimal temperature.
5. **Power Off:** After use, turn off the main power switch to the water heater.



KNOW WITH NEON

Neon Indicator Indicates Power and Heating



Figure 5: Neon indicator showing power and heating status.

6. MAINTENANCE

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

- **Cleaning:** Wipe the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Descaling:** In areas with hard water, mineral deposits (scale) can accumulate on the heating element, reducing efficiency. It is recommended to have the heating element descaled periodically by a qualified technician. The frequency depends on water hardness and usage.
- **Pressure Release Valve Check:** Periodically check the Pressure Release Valve (PRV) for any blockages or leaks. Do not tamper with the PRV.
- **Professional Inspection:** It is advisable to have the water heater inspected by a qualified service technician at least once a year.

7. TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
No hot water / Water not heating	- No power supply - Heating element failure - Thermostat malfunction - Reset button tripped	- Check power switch and circuit breaker. - Press the reset button on the unit (if accessible). - Contact customer support for service.
Water is lukewarm, not hot enough	- High water flow rate - Sediment buildup on heating element - Inadequate power supply	- Reduce water flow from the tap. - Contact a technician for descaling. - Ensure dedicated power connection as per installation guidelines.
Water heater trips circuit breaker frequently	- Overloaded circuit - Faulty heating element - Electrical short	- Ensure the water heater is on a dedicated circuit. - Contact a qualified electrician or service technician immediately.
Water leakage	- Loose plumbing connections - Damaged tank or components - PRV discharge	- Check and tighten plumbing connections. - If leakage persists, turn off water supply and power, then contact customer support. - PRV discharge is normal during heating if pressure is too high.

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

8. SPECIFICATIONS

Feature	Detail
Brand	Orient Electric
Model Number	IWAN03WSM3
Capacity	3 Liters
Wattage	3000 Watts
Voltage	230 Volts
Maximum Pressure	6.5 Bars
Power Source	Corded Electric
Product Dimensions (W x H)	24W x 34H Centimeters

Feature	Detail
Item Weight	3.4 Kilograms
Mount Type	Wall
Tank Material	Stainless Steel
Body Material	Plastic (High-strength Polymer)
Special Features	Pressure Release Valve, Shock-proof, Rust-resistant, Glass Wool Insulation
Efficiency	Energy Efficient

9. WARRANTY AND SUPPORT

Orient Electric provides comprehensive warranty coverage for your Aura Neo Instant Water Heater:

- **Tank Warranty:** 5 Years
- **Heating Element Warranty:** 2 Years
- **Overall Product Warranty:** 2 Years

For any service requests, technical assistance, or warranty claims, please contact Orient Electric customer support. Refer to the product packaging or the official Orient Electric website for the toll-free number and contact details.

Convenience At Its Best With

5 **YEAR***
Warranty
On Tank

2 **YEAR***
Warranty
On Heating Element

2 **YEAR***
Warranty
On Overall Product



Items Included In The Box

1 Unit Water Heater, 1 Set Mounting Fasteners, User Manual

*Terms & conditions apply

Figure 6: Warranty details and included components.