USHA NEO 5L

Usha Instafresh Neo 5 Litre Instant Water Heater User Manual

Model: NEO 5L

1. Product Overview

The Usha Instafresh Neo 5 Litre Instant Water Heater is designed to provide quick and efficient hot water for your household needs. This wall-mounting unit features a durable SS304L leak-proof tank and a high-grade, rust-proof ABS body, ensuring longevity and reliable performance. It incorporates safety features such as overheat protection and a capillary thermostat for precise temperature control.



Image: Front view of the Usha Instafresh Neo 5 Litre Instant Water Heater, showcasing its compact design and branding.

2. Important Safety Information

Read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- **Electrical Safety:** Ensure the water heater is connected to a properly grounded electrical outlet. Do not use extension cords.
- **Water Pressure:** The unit has a high pressure withstanding capacity of up to 6.5 bar. Ensure your household water pressure is within safe limits.
- **Overheat Protection:** This appliance is equipped with an overheat protection system. If the water temperature exceeds safe limits, the heater will automatically shut off.
- **Brass Fusible Plug:** A brass fusible plug is integrated for added safety, designed to drain out water in case of excess heating and prevent leakage.
- **Installation:** Installation must be performed by a qualified technician in accordance with local electrical and plumbing

codes.

- **Maintenance:** Disconnect power before performing any maintenance or cleaning.



Image: Diagram highlighting safety features such as the SS304L Leak Proof Tank, High Grade Exterior, and CopperPro heating element.

3. Included Components

Upon unpacking, please ensure all the following components are present:

- Usha Instafresh Neo 5 Litre Instant Water Heater Unit
- Installation Kit (mounting brackets, screws, etc.)
- User Manual

4. Setup and Installation

The Usha Instafresh Neo water heater is designed for wall mounting. For safe and proper operation, it is highly recommended that installation be carried out by a certified plumber or electrician.

4.1 Site Selection

- Choose a vertical wall surface capable of supporting the weight of the water heater when full (approximately 7.9 kg).
- Ensure the location is protected from freezing temperatures and direct sunlight.
- Allow adequate clearance around the unit for maintenance and ventilation.

4.2 Mounting the Unit

1. Mark the drilling points on the wall using the provided mounting template or by measuring the bracket holes.
2. Drill holes and insert wall plugs (if required) suitable for your wall type.
3. Secure the mounting bracket firmly to the wall using the screws from the installation kit.
4. Carefully hang the water heater unit onto the secured mounting bracket.

4.3 Plumbing Connections

1. Connect the cold water inlet (usually marked blue) to your cold water supply.
2. Connect the hot water outlet (usually marked red) to your hot water tap.
3. Ensure all connections are tight and leak-free. Use appropriate sealing tape or compound.
4. Open the cold water supply valve and allow the tank to fill completely. Open a hot water tap to release air from the system until water flows steadily.

4.4 Electrical Connection

- Ensure the main power supply is OFF before making electrical connections.
- Connect the water heater to a dedicated, grounded 230 Volts (AC) electrical circuit with appropriate fusing.
- The appliance operates at 3000 Watts. Ensure your electrical wiring can support this load.



Image: Diagram illustrating smart features like Weather Proofing IPX4, Brass Fusible Plug, and Capillary Thermostat, which are relevant for understanding connections and internal workings.

5. Operating Instructions

Once installed and filled with water, the Usha Instafresh Neo is ready for operation.

1. **Power On:** Ensure the water heater is completely filled with water before switching on the power supply. Turn on the electrical supply to the unit.
2. **Heating Indicator:** The unit will have an indicator light (refer to product specific markings) that illuminates when the heating element is active.
3. **Water Temperature:** The integrated capillary thermostat provides high-precision temperature control, ensuring water is heated to an optimal temperature for instant use.
4. **Hot Water Delivery:** Open the hot water tap to draw hot water. The instant water heater will continuously heat water as it flows through the unit.
5. **Power Off:** When not in use for extended periods, it is advisable to switch off the electrical supply to the water heater.

6. Maintenance

Regular maintenance ensures the longevity and efficient operation of your water heater.

- **Cleaning the Exterior:** Wipe the rust-proof ABS body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Leak Inspection:** Periodically check all plumbing connections for any signs of leaks. Tighten connections if necessary.
- **Drainage:** In areas with hard water, consider periodic draining and flushing of the tank to remove sediment buildup. Consult a qualified technician for this procedure.
- **Professional Check-up:** It is recommended to have the water heater inspected by a qualified technician annually to ensure all components are functioning correctly.

7. Troubleshooting

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

Problem	Possible Cause	Solution
No hot water	No power supply; Overheat protection activated; Water supply off.	Check circuit breaker/fuse; Allow unit to cool and reset (if applicable); Ensure water inlet valve is open.
Water not hot enough	Insufficient flow rate; Low incoming water temperature.	Ensure adequate water flow; Instant heaters provide a temperature rise, not a set temperature.
Water leakage	Loose plumbing connections; Faulty pressure relief valve; Tank damage.	Tighten connections; Contact a qualified technician for inspection and repair.
Indicator light not on	No power; Faulty indicator light.	Check power supply; If power is present, contact customer support.

If the problem persists after attempting these solutions, please contact Usha customer support.

8. Technical Specifications

Brand	USHA
Model Number	NEO 5L
Capacity	5 Liters
Power Source	Corded Electric
Wattage	3000 Watts
Voltage	230 Volts (AC)
Maximum Pressure	6.5 Bars
Mount Type	Wall
Product Dimensions (W x H)	21.5W x 40.2H Centimeters

Item Weight	2900 Grams
Material Type	Acrylonitrile Butadiene Styrene (ABS)
Special Features	Overheat Protection, Rustproof, SS304L Leak Proof Tank, Capillary Thermostat

9. Warranty Information

The Usha Instafresh Neo 5 Litre Instant Water Heater comes with the following warranty:

- **Product Warranty:** 2 years on the entire product.
- **Tank Warranty:** 10 years on the inner tank.

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 Usha customer support.



Image: Visual representation of the warranty period: 10 years on tank and 2 years on product.

10. Customer Support

For any queries, assistance, or service requests, please contact Usha customer support:

- **Toll-Free Number:** 18 001 033 111
- **Manufacturer:** Usha International Limited, Registered Office: Surya Kiran Building, 19 K.G. Marg, New Delhi-110 001

Please have your product model number (NEO 5L) and purchase details ready when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question