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USHA Cylandra 10 Litre (44871CY10AX26N)

USHA Cylandra 10 Litre Storage Water Heater

Model: 44871CY10AX26N

1. Introduction

Thank you for choosing the USHA Cylandra 10 Litre Storage Water Heater. This manual provides essential information for the safe and efficient use of your appliance. Please read it thoroughly before installation and operation, and retain it for future reference.



Image 1: Front view of the USHA Cylandra 10 Litre Storage Water Heater.

2. Safety Information

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- Ensure the water heater is installed by a qualified technician.
- Do not operate the appliance if the power cord or plug is damaged.
- Do not attempt to repair the appliance yourself. Contact authorized service personnel.
- Ensure proper grounding to prevent electric shock.
- Keep flammable materials away from the water heater.
- Always disconnect power before performing any maintenance or cleaning.



Image 2: Overview of safety features including Capillary Thermostat, Dry Heating Protection, IntelliValve, and Weather Proofing IPX4.

Key Safety Features:

- **Capillary Thermostat:** Automatically cuts off electricity when water temperature exceeds the set limit.
- **Dry Heating Protection:** Prevents the heating element from burning out by stopping heating if water supply is interrupted.
- **IntelliValve:** Releases excess pressure and prevents water backflow, draining water if safety limits are breached.
- **Weather Proofing IPX4:** Provides protection against water splashes and spills.

3. Product Features

The USHA Cylandra water heater is designed with advanced features for efficient and reliable performance.

- **CopperPro Heating Element:** Ensures efficient and silent water heating.
- **Whirl Flow Technology:** Designed for faster heating and maximum energy saving.
- **Magnesium Anode Advantage:** A heavy-duty magnesium anode rod prevents rust and corrosion, extending the life of the heating element, especially in hard water conditions.

- **Vitreous Enamel & Powder Coating:** Protects the inner tank for enhanced durability and longer product life.
- **Single Weld Line Tank:** Features a best-in-class inner tank capable of withstanding high pressure up to 8 bar.
- **Superior Insulation:** High-grade superior PUF insulation reduces heat loss and improves energy efficiency.
- **Liquid Enamel Advantage:** Liquid enamel coated inlet/outlet pipes help prevent rust.



Image 3: Illustration of salient features including Superior Insulation, Liquid Enamel Advantage, and Vitreous Enamel Powder Coating.



Image 4: Icon indicating 5-star energy efficiency for reduced power consumption.

4. Setup and Installation

Installation should only be performed by a qualified technician. Incorrect installation can lead to hazards and void the warranty.

4.1 Unpacking

- Carefully remove the water heater from its packaging.
- Check for any visible damage. If damaged, do not install and contact customer service.
- Ensure all included components are present: 1 Instruction Manual, 1 Installation Kit (Pipe and Fastener).

4.2 Location Selection

- Install the water heater on a solid wall capable of supporting its weight when full (approx. 17.7 kg for 10L model).
- Ensure adequate clearance around the unit for maintenance and ventilation.
- The unit is designed for wall mounting and indoor installation.
- Avoid locations exposed to direct sunlight, freezing temperatures, or excessive humidity.

4.3 Mounting and Connections

- Use the provided installation kit for secure wall mounting.
- Connect the cold water inlet (blue marking) and hot water outlet (red marking) pipes.
- Ensure all connections are watertight to prevent leaks.
- The water heater requires a 230 Volt, 2000 Watt electrical supply. Ensure the circuit can handle this load.
- Proper grounding is mandatory.



Image 5: Diagram showing the dimensions of the water heater: 445mm height and 320mm width.

5. Operating Instructions

5.1 Initial Start-up

1. Before switching on, ensure the water heater is completely filled with water. Open a hot water tap in your home to allow air to escape and water to fill the tank. Close the tap once water flows steadily.
2. Plug the power cord into a grounded electrical outlet.
3. Switch on the power supply to the water heater.
4. The indicator light will illuminate, indicating that the heating process has begun.

5.2 Temperature Adjustment

The water heater is equipped with a temperature control knob, usually located at the bottom of the unit. Rotate the knob to set your desired water temperature. For energy efficiency, avoid setting the temperature higher than necessary.

5.3 Normal Operation

- The water heater will automatically heat water to the set temperature and maintain it.
- The indicator light will turn off once the set temperature is reached and turn on again when heating resumes.
- The unit operates silently due to its noiseless design.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your water heater. Always disconnect power before 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:

1. Turn off the power supply to the water heater.
2. Close the cold water inlet valve.
3. Open a hot water tap in your home to relieve pressure.
4. Connect a hose to the drain valve at the bottom of the water heater and direct it to a suitable drain.
5. Open the drain valve to empty the tank.

6.2 Anode Rod Inspection

The magnesium anode rod helps prevent corrosion. It should be inspected annually by a qualified technician and replaced if significantly depleted, especially in hard water areas.

6.3 Cleaning

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

7. Troubleshooting

Before contacting customer service, refer to the following table for common issues and solutions.

Problem	Possible Cause	Solution
No hot water	No power supply; Thermostat tripped; Heating element failure.	Check power connection and circuit breaker. Reset thermostat (if accessible). Contact service for element replacement.
Water not hot enough	Temperature setting too low; Excessive hot water usage; Sediment buildup.	Adjust temperature setting. Allow time for reheating. Consider professional descaling.
Water is too hot	Temperature setting too high.	Lower the temperature setting.
Leaking from unit	Loose connections; Pressure relief valve discharge; Tank leakage.	Tighten connections. Check pressure relief valve. If tank leakage, contact service immediately.
Unusual noise	Sediment buildup in tank.	Professional descaling may be required.

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

8. Specifications

Brand	USHA
Model Number	44871CY10AX26N
Capacity	10 Liters
Power Source	Corded Electric
Wattage	2000 Watts
Voltage	230 Volts
Maximum Pressure	8 Bars
Mount Type	Wall Mounting
Item Weight	7700 Grams
Material Type	Metal
Special Features	Noiseless, CopperPro Heating Element, Whirl Flow Technology, Magnesium Anode, Vitreous Enamel, Single Weld Line Tank, Superior PUF Insulation, Liquid Enamel Inlet/Outlet Pipes

9. Warranty and Support

9.1 Warranty Information

The USHA Cylandra 10 Litre Storage Water Heater comes with the following warranty:

- **Tank:** 10 years
- **Heating Element:** 2 years
- **Product (overall):** 2 years

Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects under normal use conditions. It does not cover damage due to improper installation, misuse, or unauthorized repairs.



Image 6: Visual representation of the warranty periods: 10 years on tank, 2 years on element, and 2 years on product.

9.2 Customer Support

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

- **Toll-Free Number:** 1800 1033 111
- **Manufacturer Address:** Registered Office: Surya Kiran Building, 19 K.G. Marg, New Delhi-110 001, India.

You can also visit the official USHA website for more information and service center locations.

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