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› A. O. Smith EWS-3 3L Instant Water Heater User Manual

A. O. Smith EWS-3 3L

A. O. Smith EWS-3 3L Instant Water Heater

User Manual

INTRODUCTION

Thank you for choosing the A. O. Smith EWS-3 3L Instant Water Heater. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new water heater. Please read it thoroughly before installation and use, and retain it for future reference.

SAFETY INFORMATION

Important Safety Instructions:

- Read all instructions before using this water heater.
- Installation must be performed by a qualified technician in accordance with all local codes and this manual.
- Ensure the electrical supply matches the rating plate specifications (230 Volts, 3000 Watts).
- Do not operate the water heater if it is damaged or malfunctioning.
- Do not block or tamper with the pressure relief valve.
- Always disconnect power before performing any maintenance or repairs.
- Keep flammable materials away from the water heater.
- 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.

PRODUCT OVERVIEW

The A. O. Smith EWS-3 3L Instant Water Heater is designed for quick and efficient hot water delivery. Key features include:

- **Capacity:** 3 Liters
- **Wattage:** 3000 Watts for instant heating
- **Pressure Rating:** 8 Bar, suitable for high-rise buildings

- **Tank:** Blue Diamond Glass Lined Tank for corrosion resistance
- **Heating Element:** Glass Coated Incoloy Heating Element for extended life
- **Durability:** Rustproof and durable construction

Included Components: Water Heater, User Manual, Mounting screws.



Figure 1: Front view of the A. O. Smith EWS-3 3L Instant Water Heater.

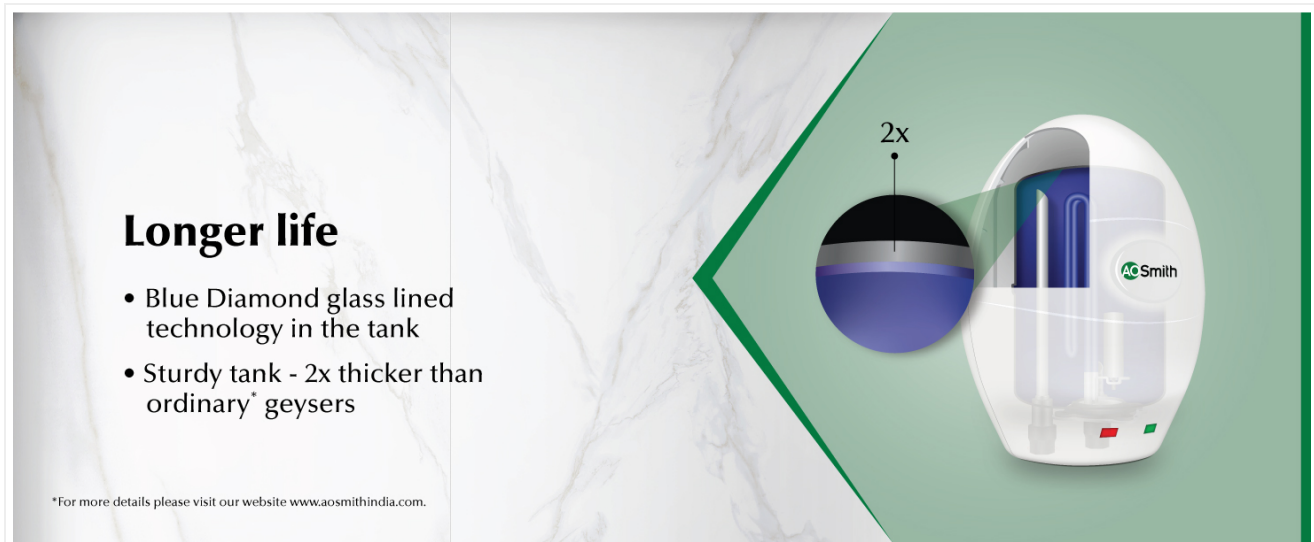


Figure 2: Illustration of Blue Diamond Glass Lined Tank technology, enhancing durability and corrosion resistance.

SETUP AND INSTALLATION

For optimal performance and safety, professional installation by a qualified technician is strongly recommended. Incorrect installation can void your warranty and pose safety risks.

Installation Steps:

- 1. Location Selection:** Choose a suitable wall-mount location, ensuring it is close to the point of use and has adequate space for maintenance. The wall must be strong enough to support the water heater's weight when full.
- 2. Mounting:** Securely mount the water heater to the wall using the provided mounting screws. Ensure it is level.
- 3. Water Connections:**
 - Connect the cold water inlet to the designated inlet pipe of the water heater.
 - Connect the hot water outlet to the hot water supply line leading to your faucet.
 - Ensure all connections are tight and leak-free. Use appropriate sealing tape.
- 4. Electrical Connection:**
 - Connect the water heater to a dedicated 16 Ampere power socket.
 - Ensure proper grounding.
 - Do not use extension cords or adapters.
- 5. Filling the Tank:** Before switching on the power, open the hot water faucet to allow the tank to fill completely and air to escape. Once water flows steadily from the hot water faucet, close it.



**Designed for
High Rise Buildings
with 8 bar Pressure Rating**

Figure 3: Example of water heater with visible inlet and outlet connections, crucial for proper installation.

OPERATING INSTRUCTIONS

Operating your A. O. Smith EWS-3 3L Instant Water Heater is straightforward:

1. **Power On:** After ensuring the tank is full of water (as per installation step 5), switch on the main power supply to the water heater.
2. **Heating Process:** The water heater will begin heating the water instantly. Indicator lights (if present on your model) will illuminate to show the heating status.
3. **Hot Water Delivery:** Open the hot water faucet. Hot water will be available almost immediately.
4. **Power Off:** When hot water is no longer needed, switch off the power supply to the water heater.

Note: As an instant water heater, it provides hot water on demand for short durations, suitable for kitchen or bathroom use where small quantities of hot water are needed quickly.

MAINTENANCE

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

- **Exterior Cleaning:** Clean the exterior casing with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Pressure Relief Valve:** Periodically check the pressure relief valve to ensure it is not blocked. Do not attempt to operate it manually unless specifically instructed by a qualified technician.
- **Descaling:** In areas with hard water, mineral deposits can accumulate on the heating element and tank. This can reduce efficiency. Descaling should be performed by a qualified technician as needed.
- **Annual Inspection:** It is recommended to have your water heater inspected by a qualified service technician annually to check for wear, leaks, and proper operation.

TROUBLESHOOTING

Before contacting customer service, please check the following common issues:

Problem	Possible Cause	Solution
No hot water	No power supply; tripped circuit breaker; faulty heating element.	Check power switch and circuit breaker. If problem persists, contact service.
Water not hot enough	Insufficient power; excessive water flow; mineral buildup.	Ensure full power. Reduce water flow. Contact service for descaling.
Water leakage	Loose connections; faulty pressure relief valve; tank damage.	Tighten connections. Do not attempt to repair tank damage; contact service immediately.
Unusual noise	Sediment buildup in tank; faulty heating element.	Contact service for inspection and descaling.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact A. O. Smith customer support.

SPECIFICATIONS

Brand	A. O. Smith
Model Number	EWS-3_3K (3L)
Capacity	3 Liters
Wattage	3000 Watts
Voltage	230 Volts
Maximum Pressure	8 Bar
Product Dimensions (W x H)	24.5 cm x 38.4 cm
Item Weight	4.2 Kilograms
Material Type	Acrylonitrile Butadiene Styrene (ABS)

Special Features	Rustproof, Durable, Blue Diamond Glass Lined Tank, Glass Coated Incoloy Heating Element
Mount Type	Wall Mount

WARRANTY INFORMATION

A. O. Smith provides the following warranty for the EWS-3 3L Instant Water Heater:

- **Inner Tank:** 5 years
- **Glass Coated Heating Element:** 2 + 1* years extended warranty (*terms and conditions apply)
- **Comprehensive Warranty:** 2 years on the entire product

Please retain your purchase receipt for warranty claims. The warranty may be subject to terms and conditions, including proper installation by a qualified technician. For detailed warranty terms, refer to the official warranty card included with your product or contact customer support.

CUSTOMER SUPPORT

For any queries, service requests, or technical assistance, please contact A. O. Smith customer support:

- **Toll-Free Number:** 1800 103 2468
- **Manufacturer:** A. O. Smith India Water Products Pvt. Ltd.
- **Address:** Plot No. 300, Phase - 2, KIADB Industrial Area, Harohalli, Karnataka 562112, India

You can also visit the official A. O. Smith website for more information and to locate service centers.