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› ASHATA 220V 6500W Electric Instant Tankless Water Heater User Manual

ASHATA ASHATAasy7gcq5ni8

ASHATA 220V 6500W Electric Instant Tankless Water Heater User Manual

Model: ASHATAasy7gcq5ni8

1. INTRODUCTION

Thank you for choosing the ASHATA 220V 6500W Electric Instant Tankless Water Heater. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new water heater. Please read this manual thoroughly before installation and use, and retain it for future reference.

This instant water heater is designed to provide hot water on demand, featuring a compact design, tempered glass panel, and multiple safety protections.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in electric shock, fire, property damage, or personal injury.

- The water heater must be installed with a proper ground electrode connection to prevent electric shock.
- Ensure water is connected and flowing through the unit before powering it on. Operating the heater without water can cause severe damage.
- Do not attempt to heat water if there is no water supply or if the unit is frozen.
- Before using the hot water, always test the water temperature with your hand to avoid scalding, as temperatures can reach up to 55°C.
- Installation must be performed by a qualified electrician and plumber in accordance with all local and national electrical and plumbing codes.
- Do not modify or attempt to repair the unit yourself. Contact qualified service personnel for assistance.
- Keep flammable materials away from the water heater.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking. If any items are missing or damaged, contact your retailer.

- 1 x Instant Water Heater Unit
- 1 x Shower Head
- 1 x Outlet Pipe (Shower Hose)

- 1 x Shower Bracket
- 1 x Set of Installation Accessories (screws, anchors)



Figure 3.1: Contents of the ASHATA Tankless Water Heater package.

Image Description: This image displays all the items included in the product package. It shows the main white rectangular water heater unit, a silver square-shaped shower head, a flexible silver shower hose, a small white shower bracket, and a bag containing various screws and wall anchors for installation. The components are neatly arranged on a flat surface.

4. SPECIFICATIONS

Feature	Specification
Model Number	ASHATAsy7gcq5ni8
Material	Tempered glass panel, Nickel-chromium alloy liner (heating material)
Rated Voltage	AC 220V / 50 HZ
Rated Power	6500W
Rated Current	29.5A
Rated Water Pressure	0.02-0.6Mpa
Waterproof Level	IPX4
Temperature Range	30-55°C (water flow adjustable)
Maximum Temperature	55°C
Over Temperature Protection	Yes (automatic shutdown)

Feature	Specification
Power Protection	Yes (automatic shutdown when water is turned off)
Recommended Wire Diameter	4mm square copper core wire
Air Switch Requirement	40A
Dimensions (L x W x H)	28 x 19 x 6.5 cm (approx. 11.02 x 7.48 x 2.56 inches)
Item Weight	2.26 kg



Figure 4.1: Product Dimensions.

Image Description: This image provides a diagram illustrating the physical dimensions of the water heater unit. It shows the height as 27.7 cm (10.90 inches), the width as 19 cm (7.48 inches), and the depth as 6.4 cm (2.52 inches).



Figure 4.2: Rear Panel and Rating Label.

Image Description: This image shows the back panel of the water heater, which is black with a textured pattern. A white product label is visible at the top, displaying key specifications such as 'Product model', 'Item No', 'Rated voltage AC220V', 'Rated current 29.5A', and 'Rated power 6500W'.

5. INSTALLATION

Professional installation by a certified electrician and plumber is highly recommended to ensure safety and proper functionality.

5.1 Site Selection

- Install the unit vertically on a solid wall.

- Ensure the location is protected from freezing temperatures.
- Maintain adequate clearance around the unit for ventilation and maintenance.



Figure 5.1: Example of installed unit in a bathroom setting.

Image Description: This image shows the ASHATA tankless water heater mounted on a white tiled bathroom wall. A shower head is installed to the left of the unit, with water visibly flowing from it. The background shows a modern bathroom interior with a sink and mirror.

5.2 Plumbing Connections

- Connect the cold water inlet (blue port) to your main cold water supply. The inner diameter is 1.2cm (0.5inch), outer 2cm (0.8inch).
- Connect the hot water outlet (red port) to the shower head or other hot water fixtures. The inner diameter is 0.7cm (0.3inch), outer 2cm (0.8inch).
- Ensure all connections are tight and leak-free.
- After connecting, open the cold water supply valve and allow water to flow through the heater and out of the hot water

tap for several minutes to purge all air from the system.

5.3 Electrical Connections

- The unit requires a dedicated 220V / 50Hz electrical circuit.
- Use a 4mm square copper core wire for the electrical connection.
- Install a 40A air switch (circuit breaker) for protection.
- Ensure the water heater is properly grounded.
- **Do not power on the unit until water has been connected and purged of air.**



Figure 5.2: Water Connections and Control Panel Detail.

Image Description: This image provides a detailed view of the bottom section of the water heater. It clearly shows the red hot water outlet and the blue cold water inlet ports. The control panel with 'LOW', 'OFF/ON', and 'HIGH' buttons is also visible, along with a digital display. A flexible metal hose is connected to the red outlet.

6. OPERATION

The ASHATA Tankless Water Heater is designed for simple and intuitive operation.

6.1 Powering On/Off

- After ensuring proper installation and water flow, turn on the electrical power supply to the unit.
- Press the 'OFF/ON' button on the control panel to activate the heater. The backlit LCD display will illuminate.
- To turn off the unit, press the 'OFF/ON' button again.

6.2 Temperature Adjustment

- Use the 'LOW' and 'HIGH' buttons (represented by down and up arrows) to adjust the desired water temperature.
- The current temperature setting will be displayed on the LCD screen.
- The unit supports a temperature range of 30-55°C.



Figure 6.1: Smart Touch Operation.

Image Description: This image shows a hand with a finger pressing the central 'OFF/ON' button on the water heater's control panel. The digital display is illuminated, indicating active operation and the touch-sensitive nature of the controls.

6.3 Key Features

- **Three Second Speed Heat:** Provides hot water rapidly.
- **Low Water Pressure Start:** Operates effectively even with low water pressure, suitable for upper floors.
- **Automatic Power-off:** Enhances safety by automatically shutting down under certain conditions.
- **Anti-leakage System:** Integrated safety feature to prevent water leakage.



Figure 6.2: Product Features Overview.

Image Description: This image features the water heater unit with a list of its main features displayed next to it: Anti-leakage system, Automatic power-off, Three second speed heat, and Low water pressure start. A blurred image of a person showering is in the background, suggesting the product's use.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your water heater.

- **Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Descaling:** In areas with hard water, mineral deposits may accumulate. Consult a qualified technician for periodic descaling to maintain efficiency.
- **Winterization:** If the unit is in an area prone to freezing and will not be used for an extended period, drain the water from the system to prevent damage from freezing.
- **Inspection:** Periodically check water connections for any signs of leaks.

8. TROUBLESHOOTING

If you encounter issues with your water heater, refer to the following common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No hot water	No power; water supply off; unit not turned on.	Check circuit breaker; ensure water supply is open; press 'OFF/ON' button.
Water not hot enough	Temperature setting too low; high water flow rate; mineral buildup.	Increase temperature setting; reduce water flow; consider professional descaling.
Water leakage	Loose connections; damaged seals.	Tighten water connections; inspect seals and replace if necessary (contact technician).
Unit not turning on	No power; internal fault.	Check power supply and circuit breaker; if power is present, contact customer support.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or service inquiries, please contact ASHATA customer service through your point of purchase or the official ASHATA website.

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