

0419-mj93342

Generic Commercial 304 Stainless Steel Step-Heating Kettle

User Manual for Models 8L, 12L, and 20L

1. INTRODUCTION

Thank you for choosing the Generic Commercial 304 Stainless Steel Step-Heating Kettle. This appliance is designed for efficient and safe water heating in commercial environments such as restaurants, bars, factories, hotels, and hospitals. Please read this manual thoroughly before operation to ensure proper use, maintenance, and to prevent potential hazards.

2. IMPORTANT SAFETY INSTRUCTIONS

- Always connect the appliance to a properly grounded electrical outlet with the correct voltage (220V).
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Ensure the water pipe connection is secure to prevent leaks.
- Keep the ventilation opening at the rear of the casing clear to prevent overheating.
- Do not operate the appliance if the power cord or plug is damaged. Contact qualified service personnel for repair.
- Avoid touching hot surfaces. Use the anti-scald handle on the faucet.
- The appliance features automatic dry-burning protection; however, always ensure adequate water supply during operation.
- This appliance is intended for commercial use only.
- Unplug the appliance from the power outlet before cleaning or when not in use.

3. PRODUCT OVERVIEW

The Generic Commercial Step-Heating Kettle is constructed from durable 304 stainless steel, ensuring longevity and hygiene. It features intelligent microcomputer control for efficient and safe operation.

Key Components:

- **Control Panel:** Digital display and buttons for setting and monitoring.
- **Faucet:** 304 stainless steel with an anti-scald handle for dispensing hot water.
- **Removable Drip Tray:** Collects spills and is easy to clean.
- **Water Inlet:** Connection point for the external water supply.
- **Ventilation Opening:** Located at the rear for heat dissipation.

- **Heating Element:** 2500W pure stainless steel, food-grade material for rapid heating.



Figure 3.1: Front view of the Commercial Step-Heating Kettle (Black and Stainless Steel models). This image displays the main body, control panel, faucet, and drip tray.



Figure 3.2: Side view of the stainless steel model, highlighting its compact and functional design.



Figure 3.3: Internal structure illustrating the insulation layers for energy efficiency.



Figure 3.4: The 2500W pure stainless steel heating tube, designed for rapid and safe water heating.



Figure 3.5: Detail of the 304 stainless steel faucet, featuring an anti-scald handle for user safety and drip-free operation.

4. SETUP AND INSTALLATION

1. **Unpacking:** Carefully remove the kettle from its packaging. Inspect for any damage during transit.
2. **Placement:** Place the kettle on a stable, level, heat-resistant surface. Ensure there is adequate space around the unit for ventilation, especially at the rear.
3. **Water Connection:** Connect the appliance to a potable water supply using appropriate plumbing. Ensure all connections are tight to prevent leaks. The kettle features fully automatic water intake once connected.
4. **Power Connection:** Plug the power cord into a grounded 220V electrical outlet.
5. **Initial Cleaning:** Before first use, it is recommended to fill the kettle with water, boil it, and then discard the water to clean any manufacturing residues. Repeat this process 2-3 times.

5. OPERATING INSTRUCTIONS

1. **Power On:** Once connected to water and power, the kettle will automatically begin to fill with water. The control panel will display the current status.
2. **Heating Process:** The kettle utilizes a step-by-step heating method, which efficiently boils water in layers, preventing repeated boiling and ensuring fresh hot water. The microcomputer control monitors water levels and initiates heating automatically.
3. **Water Level Monitoring:** Intelligent water level probes ensure the kettle automatically stops heating if water levels are too low, preventing dry burning.
4. **Dispensing Hot Water:** To dispense hot water, simply press or pull the faucet handle. The anti-scald design ensures safe operation.
5. **Temperature Control (if applicable):** Refer to the control panel instructions for specific temperature adjustment features. *(Note: Specific temperature control details are not provided in the source, so this is a general instruction.)*

6. MAINTENANCE AND CLEANING

Regular cleaning and maintenance will ensure the longevity and optimal performance of your kettle.

- **Daily Cleaning:**
 - Unplug the appliance and allow it to cool completely.
 - Remove the drip tray and empty any collected water. Wash the drip tray with mild soap and water, then rinse and dry thoroughly.
 - Wipe the exterior of the kettle with a damp cloth. Do not use abrasive cleaners or scouring pads, as they can damage the stainless steel finish.
- **Descaling:**
 - Depending on water hardness, mineral deposits (limescale) may accumulate inside the kettle. Descale regularly to maintain efficiency.
 - Use a commercial descaling solution suitable for stainless steel appliances, following the manufacturer's instructions. Alternatively, a solution of white vinegar and water can be used.
 - After descaling, rinse the interior thoroughly several times with fresh water to remove any residue.
- **Ventilation Opening:** Periodically check and clean the ventilation opening at the rear to ensure it is free from dust and debris.

7. TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|--------------------------|---|---|
| Kettle does not heat. | No power supply; low water level; appliance malfunction. | Check power connection and outlet. Ensure water supply is connected and sufficient. If problem persists, contact support. |
| Water is not hot enough. | Limescale buildup; incorrect temperature setting (if applicable). | Descale the kettle. Check control panel for temperature settings. |

| Problem | Possible Cause | Solution |
|-------------------------------|--|---|
| Water leaks from connections. | Loose water pipe connections. | Tighten all water pipe connections. Ensure seals are properly seated. |
| Kettle makes unusual noises. | Limescale buildup; internal component issue. | Descale the kettle. If noise persists, contact support. |

8. SPECIFICATIONS



Figure 8.1: Product dimensions for installation planning.

| Parameter | Value |
|--------------|--------------------------------------|
| Product Name | Commercial Step-Heating Water Boiler |
| Brand | Generic |
| Model Number | 0419-mj93342 |

| Parameter | Value |
|--------------------|---|
| Rated Voltage | 220V |
| Product Power | 2.5KW / 3KW (depending on capacity) |
| Heating Method | Step-by-step heating |
| Rated Capacity | 8L / 12L / 20L |
| Rated Water Output | 25L/h (8L model), 35L/h (12L model), 50L/h (20L model) |
| Casing Material | 304 Stainless Steel |
| Special Features | Automatic cleaning cycle, instant boiling, heat-resistant handle, microcomputer control, dry-burn protection. |

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the purchase documentation or contact your retailer. Keep your proof of purchase for any warranty claims.

If you have any questions or require assistance, please contact customer service through the platform where the product was purchased.