

Saro 317-2000

Saro Hot Drink Maker / Electric Water Boiler Model 317-2000 User Manual

Model: 317-2000

1. INTRODUCTION

The Saro Hot Drink Maker / Electric Water Boiler, Model 317-2000, is a robust appliance designed for efficiently heating and maintaining the temperature of various beverages. Its large 19-liter capacity makes it suitable for events, catering, or professional kitchen environments. This manual provides essential information for the safe and effective use, setup, operation, and maintenance of your appliance.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before operating the appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always place the appliance on a stable, level, and heat-resistant surface.
- Do not immerse the appliance, cord, or plug in water or any other liquid.
- Ensure the power supply matches the specifications of the appliance (230 V - 50 Hz).
- Keep the appliance out of reach of children and pets.
- Unplug the appliance from the power outlet when not in use, before cleaning, or before moving.
- Do not operate the appliance if the cord or plug is damaged, or if the appliance malfunctions or has been damaged in any way. Contact qualified service personnel.
- Avoid touching hot surfaces. Use handles and knobs.
- Do not overfill the appliance beyond the maximum fill line.
- The appliance is equipped with overheating protection. If it activates, unplug the unit and allow it to cool before attempting to restart.

3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the various parts of your Saro Hot Drink Maker / Electric Water Boiler.

267 mm



540 mm



Figure 3.1: Overall view of the Saro Hot Drink Maker, illustrating its dimensions (267mm width, 540mm height).

1. **Main Unit (Stainless Steel Housing):** The primary body of the appliance, constructed from durable stainless steel.
2. **Lid:** A lockable stainless steel lid with a heat-resistant knob, designed to retain heat and prevent spills.



Figure 3.2: The stainless steel lid with a black knob, designed for secure closure.

3. **Tap/Dispenser:** A safety tap for controlled dispensing of hot beverages.
4. **Level Indicator:** A transparent tube with a scale (0-19 liters) to show the current liquid volume inside the unit. This component is removable for cleaning.





Figure 3.3: Close-up of the dispensing tap and the clear liquid level indicator with volume markings.

5. **Temperature Control Dial:** A rotary dial to set the desired temperature from +30°C to +110°C.
6. **Indicator Lights:** Lights to indicate the operational status (e.g., heating, keeping warm).



Figure 3.4: The control panel featuring the temperature adjustment dial and power switch.

7. **Insulated Handles:** For safe transportation of the unit when empty or cool.
8. **Internal Filter Basket:** A removable stainless steel filter, useful for brewing or containing ingredients.



Figure 3.5: View of the internal filter basket, designed for holding ingredients or filtering liquids.

4. SETUP

Follow these steps for initial setup:

1. **Unpack:** Carefully remove the appliance and all its components from the packaging. Retain packaging for future storage or transport.
2. **Placement:** Place the unit on a stable, flat, and heat-resistant surface, ensuring adequate clearance around the appliance for ventilation.
3. **Initial Cleaning:** Before first use, wash the interior of the unit, the lid, the tap, and the internal filter basket with warm, soapy water. Rinse thoroughly and dry.
4. **Fill with Water:** Fill the unit with clean water up to the maximum fill line.
5. **First Boil Cycle:** Plug the appliance into a grounded electrical outlet. Set the temperature dial to maximum (110°C) and allow the water to boil. Once boiled, turn off the unit, unplug it, and carefully empty the water. This helps to clean the interior and remove any manufacturing residues.

5. OPERATING INSTRUCTIONS

Operating the Saro Hot Drink Maker is straightforward:

1. **Fill the Unit:** Ensure the unit is unplugged. Remove the lid and fill the stainless steel container with the desired beverage (water, coffee, tea, mulled wine, etc.) up to the 19-liter maximum capacity indicated by the level indicator. Do not overfill.
2. **Secure the Lid:** Place the lid back on the unit and ensure it is securely locked to prevent heat loss and spills.
3. **Connect Power:** Plug the power cord into a suitable 230 V - 50 Hz grounded electrical outlet.
4. **Set Temperature:** Turn the temperature control dial to your desired temperature between +30°C and +110°C. The indicator light will illuminate, signaling that the heating process has begun.
5. **Heating and Keeping Warm:** The appliance will heat the liquid to the set temperature. Once the temperature is reached, the heating indicator light may turn off, and the 'keeping warm' indicator (if separate) may illuminate, indicating that the unit is now maintaining the temperature.
6. **Dispensing:** To dispense the hot beverage, place a cup or mug under the tap and push the tap lever. Release the lever to stop the flow.
7. **After Use:** When finished, turn the temperature dial to the 'OFF' position, unplug the appliance, and allow it to cool completely before cleaning.

6. MAINTENANCE AND CLEANING

Regular cleaning and maintenance ensure the longevity and hygienic operation of your appliance.

1. **Disconnect Power:** Always unplug the appliance and allow it to cool completely before cleaning.
2. **Empty Contents:** Drain any remaining liquid through the tap.
3. **Clean Interior:** Wash the interior of the stainless steel container with warm, soapy water and a soft cloth or sponge. For stubborn stains, a non-abrasive cleaner suitable for stainless steel can be used. Rinse thoroughly with clean water.
4. **Clean Exterior:** Wipe the exterior surfaces with a damp cloth. Do not use abrasive cleaners or scouring pads, as they can damage the stainless steel finish.
5. **Clean Lid and Filter Basket:** Remove the lid and the internal filter basket. Wash them with warm, soapy water, rinse, and dry thoroughly.
6. **Clean Tap:** Ensure the tap is clean and free of any residue. If necessary, disassemble the tap according to the manufacturer's instructions (if provided) for a more thorough cleaning.

7. **Clean Level Indicator:** The glass tube of the level indicator can be easily removed for cleaning. Wash it with warm, soapy water, rinse, and dry before reattaching.
8. **Descaling:** Depending on water hardness, descaling may be required periodically. Use a commercial descaling agent suitable for electric kettles or a solution of white vinegar and water. Follow the descaling product's instructions carefully.
9. **Storage:** Store the clean and dry appliance in a cool, dry place.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Appliance does not heat.	No power supply. Temperature dial set to 'OFF' or too low. Overheating protection activated.	Check if the appliance is properly plugged in. Ensure the power outlet is functional. Turn the temperature dial to the desired setting. Unplug the unit, let it cool for 15-20 minutes, then plug it back in. Check for sufficient liquid.
Liquid is not hot enough.	Temperature dial set too low.	Increase the temperature setting on the dial. Allow sufficient time for heating.
Tap is leaking.	Tap not fully closed. Seal or gasket worn/damaged.	Ensure the tap lever is fully released to the closed position. Inspect the tap's internal components for wear. Contact service if replacement parts are needed.
Indicator lights not working.	Faulty indicator light. No power.	If the unit is heating but lights are off, contact service. Check power supply as above.

If the problem persists after attempting these solutions, please contact qualified service personnel.

8. SPECIFICATIONS

Detailed technical specifications for the Saro Hot Drink Maker / Electric Water Boiler Model 317-2000.

Model Number: 317-2000

Capacity: 19 Liters

Temperature Range: +30°C to +110°C

Connection: 230 V - 50 Hz

Power: 2.4 kW

Dimensions (WxDxH): 267 x 267 x 540 mm (10.51 x 10.51 x 19.29 inches)

Item Weight: 7 kg (11.26 pounds)

Material: Stainless Steel (Housing and Lid)

Manufacturer: Saro

9. WARRANTY INFORMATION

Specific warranty details for this product are not available in the provided information. Please refer to the warranty card included with your purchase or contact your retailer for warranty terms and conditions.

10. SUPPORT

For technical assistance, spare parts, or service inquiries, please contact your point of purchase or the manufacturer directly. Contact information for Saro can typically be found on their official website or on the product packaging.