

## SARO 317-2090

# SARO Eco Coffee Machine Model 317-2090

## User Instruction Manual

### 1. INTRODUCTION

Thank you for choosing the SARO Eco Coffee Machine Model 317-2090. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new coffee machine. Please read this manual thoroughly before first use and keep it for future reference.

This coffee machine is designed for brewing filter coffee, featuring a durable stainless steel construction and a plastic filter holder. It comes equipped with two glass carafes, each with a capacity of 1.8 liters, allowing for the preparation of approximately 24 cups of coffee. Key features include a heating plate to keep coffee warm and dry-run protection for enhanced safety.

### 2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, basic safety precautions should always be followed, including the following:

- Read all instructions carefully before operating the appliance.
- Do not touch hot surfaces. Use handles or knobs. The heating plate and carafes will be hot during and after operation.
- To protect against electric shock, do not immerse cord, plugs, or the coffee machine in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner. Contact SARO customer service for examination, repair, or adjustment.
- The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock, or injury to persons.
- Do not use outdoors.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not place on or near a hot gas or electric burner, or in a heated oven.
- Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.
- Do not use appliance for other than intended use.
- This appliance is equipped with dry-run protection, which automatically shuts off the heating element if the water reservoir runs dry.

### 3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main parts of your SARO Eco Coffee Machine:





*Figure 3.1: Front view of the SARO Eco Coffee Machine with both glass carafes in place.*

1. **Main Unit:** Stainless steel housing containing the heating element and water reservoir.
2. **Water Reservoir Lid:** Stainless steel lid covering the water reservoir.



*Figure 3.2: Open lid revealing the water reservoir opening.*

3. **Filter Holder:** Plastic basket designed to hold the coffee filter and grounds.



*Figure 3.3: The removable plastic filter holder with a disposable paper filter.*

4. **Glass Carafes (x2):** Each with a 1.8-liter capacity, designed to collect brewed coffee.



*Figure 3.4: One of the two 1.8L glass carafes.*

- 5. **Heating Plate:** Keeps the brewed coffee warm.
- 6. **Power Switch with Indicator Light:** For turning the machine on/off.

## 4. SETUP

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- 1. **Unpacking:** Carefully remove the coffee machine and all accessories from the packaging. Retain packaging for future transport or storage.
- 2. **Initial Cleaning:** Before first use, wash the glass carafes and the filter holder in warm, soapy water. Rinse thoroughly and dry. Wipe the exterior of the machine with a damp cloth.
- 3. **Placement:** Place the coffee machine on a flat, stable, heat-resistant surface, away from the edge of the counter. Ensure there is adequate ventilation around the unit.
- 4. **First Brew Cycle (Cleaning):**

- Fill the water reservoir with clean, cold water up to the maximum fill line.
- Place a paper filter (not included) into the filter holder. Do not add coffee grounds for this cycle.
- Place both empty glass carafes on their respective heating plates.
- Plug the machine into a grounded 230V power outlet.
- Press the power switch to start the brewing cycle. The indicator light will illuminate.
- Allow the full cycle to complete. Discard the hot water and the paper filter.
- Repeat this process once or twice to ensure the machine is thoroughly cleaned.

## 5. OPERATING INSTRUCTIONS

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Follow these steps to brew coffee with your SARO Eco Coffee Machine:

1. **Prepare the Filter Holder:** Open the lid of the water reservoir. Insert a new paper filter into the plastic filter holder.
2. **Add Coffee Grounds:** Add your desired amount of ground coffee into the paper filter. A general guideline is one tablespoon of coffee grounds per cup (approx. 150ml of water), but adjust to your taste.
3. **Fill Water Reservoir:** Fill the water reservoir with fresh, cold water. Do not exceed the maximum fill line indicated inside the reservoir. Close the lid securely.
4. **Position Carafes:** Ensure both empty glass carafes are correctly placed on their respective heating plates beneath the filter holder.
5. **Start Brewing:** Plug the machine into a 230V power outlet. Press the power switch. The indicator light will turn on, signifying that the brewing process has begun.
6. **Brewing Process:** Water will heat up and drip through the coffee grounds into the carafes. The brewing process will take several minutes.
7. **Keep Warm Function:** Once brewing is complete, the heating plates will automatically keep the coffee warm. The indicator light will remain on.
8. **Serving:** Carefully remove a carafe from the heating plate to pour coffee. Replace the carafe promptly to keep the remaining coffee warm.
9. **Turn Off:** To turn off the machine, press the power switch again. The indicator light will turn off. Unplug the machine from the outlet when not in use.

**Note:** For optimal taste, it is recommended to consume coffee shortly after brewing. Prolonged heating can affect coffee flavor.

## 6. CLEANING AND MAINTENANCE

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Regular cleaning ensures optimal performance and extends the lifespan of your coffee machine.

### Daily Cleaning:

1. Always unplug the coffee machine and allow it to cool completely before cleaning.
2. Remove the used paper filter and discard coffee grounds.
3. Wash the glass carafes and the plastic filter holder in warm, soapy water. Rinse thoroughly and dry. These parts are not dishwasher safe.
4. Wipe the exterior of the machine, including the stainless steel body and heating plates, with a soft, damp cloth. Do not use abrasive cleaners or scouring pads.
5. Do not immerse the main unit, cord, or plug in water or any other liquid.

### Descaling:

Mineral deposits (limescale) can build up in your coffee machine over time, affecting performance and coffee taste. Descale

your machine regularly, depending on the hardness of your water and frequency of use (e.g., every 2-4 weeks).

1. Prepare a descaling solution according to the descaler product instructions (e.g., white vinegar diluted with water, or a commercial descaling agent).
2. Pour the descaling solution into the water reservoir.
3. Place empty carafes on the heating plates. Do not use a paper filter or coffee grounds.
4. Run a brewing cycle. After about half the solution has brewed through, turn off the machine and let it sit for 15-20 minutes to allow the solution to work.
5. Turn the machine back on and allow the remaining solution to brew through.
6. Discard the descaling solution from the carafes.
7. Run at least two full cycles with fresh, clean water to rinse the machine thoroughly and remove any residual descaler taste.

## 7. TROUBLESHOOTING

If you encounter issues with your coffee machine, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Machine does not turn on.	Not plugged in; power outlet not working; power switch not pressed.	Ensure the machine is securely plugged into a working outlet. Press the power switch firmly. Check your circuit breaker.
Coffee is not brewing.	No water in reservoir; dry-run protection activated; machine needs descaling.	Fill the water reservoir. If dry-run protection activated, allow machine to cool before refilling. Perform a descaling cycle.
Coffee tastes weak or watery.	Not enough coffee grounds; coffee grounds too coarse; machine needs descaling.	Increase amount of coffee grounds. Use finer ground coffee. Descale the machine.
Coffee overflows from filter holder.	Too much coffee grounds; filter holder clogged; carafe not properly placed.	Reduce coffee grounds. Clean filter holder. Ensure carafe is correctly positioned.
Machine is leaking.	Water reservoir overfilled; components not properly assembled.	Do not overfill water reservoir. Ensure filter holder and carafes are correctly seated.

If the problem persists after trying these solutions, please contact SARO customer support.

## 8. SPECIFICATIONS

Detailed technical specifications for the SARO Eco Coffee Machine Model 317-2090:

**Brand:** SARO

**Model Number:** 317-2090

**Color:** Grey

**Dimensions (L x W x H):** 38.5 x 20.5 x 43.5 cm (15.16 x 8.07 x 17.13 inches)



Figure 8.1: Product dimensions.

**Weight:** 7 Kilograms (15.43 lbs)

**Capacity:** 2 x 1.8 Liters (total 3.6 Liters / approx. 24 cups)

**Power:** 2000 Watts

**Voltage:** 230V

**Material:** Stainless steel (machine body), Plastic (filter holder), Glass (carafes)

**Features:** Water filter (internal, not user-replaceable filter), Indicator lights, Dry-run protection, Heating plate

**Country of Origin:** China

## 9. WARRANTY AND SUPPORT




For information regarding product warranty, returns, or technical support, please refer to the purchase documentation or contact your retailer. Specific warranty details are not provided within this manual.

For further assistance, you may also visit the official SARO website or contact their customer service department directly. Please have your model number (317-2090) and purchase date ready when contacting support.

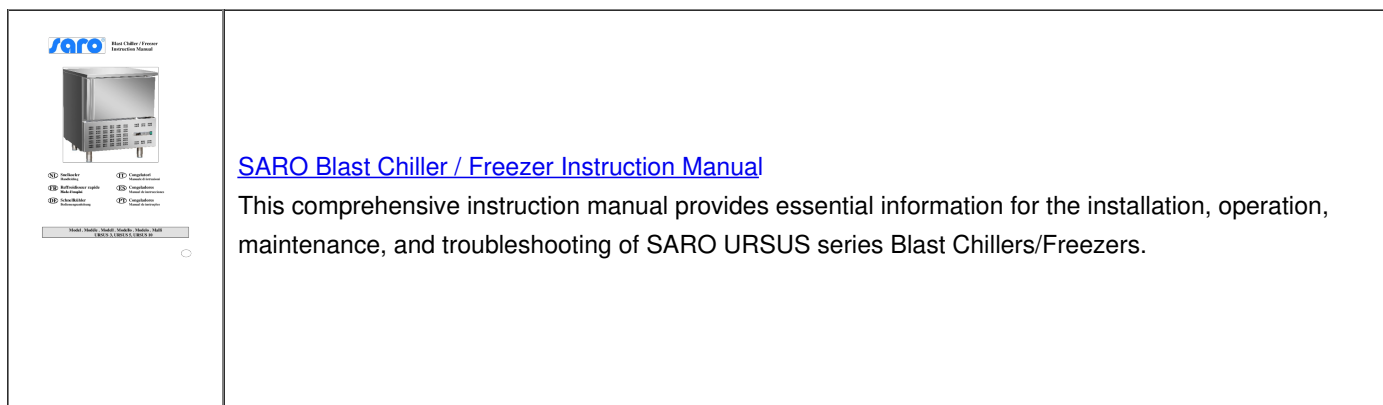
**SARO Contact Information:** Please refer to the contact details provided on the SARO official website or your product packaging.

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### Related Documents

	<p><a href="#">SARO ECO / ECO 48 Coffee Machine Operation Manual</a></p> <p>Comprehensive operation manual for the SARO ECO and ECO 48 coffee machines, covering installation, operation, cleaning, maintenance, and troubleshooting.</p>
	<p><a href="#">SARO SAROMICA THERMO 24 Coffee Maker Operating Instructions</a></p> <p>Comprehensive operating instructions for the SARO SAROMICA THERMO 24 coffee maker, covering setup, operation, cleaning, maintenance, and troubleshooting.</p>
	<p><a href="#">Saro Learn-to-Swim Neoprene Vest - User Guide</a></p> <p>A comprehensive guide to the Saro Learn-to-Swim Neoprene Vest, detailing its features, safety instructions, and care. The vest is designed to help children learn to swim safely and comfortably, with adjustable buoyancy and UV protection.</p>





### [SARO Blast Chiller / Freezer Instruction Manual](#)

This comprehensive instruction manual provides essential information for the installation, operation, maintenance, and troubleshooting of SARO URSUS series Blast Chillers/Freezers.

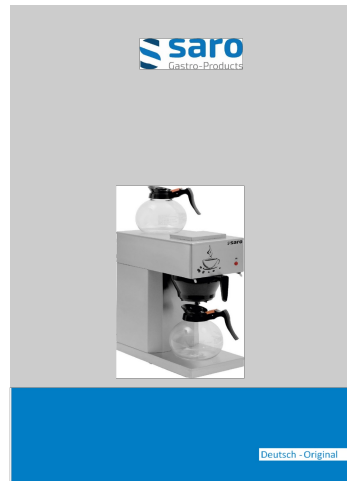
Documents - SARO – 317-2090



### [SARO ECO / ECO 48 Coffee Machine Operation Manual](#)

Comprehensive operation manual for the SARO ECO and ECO 48 coffee machines, covering installation, operation, cleaning, maintenance, and troubleshooting.

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### [\[pdf\] Catalog](#)

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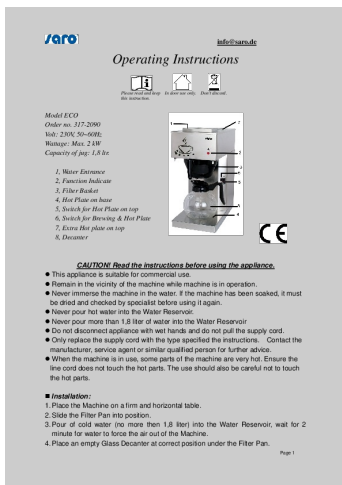
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Allgemeine Hinweise Lesen Sie diese Bedienungsanleitung sorgfältig durch, weil sie

wichtige Informationen enthält für sicheres und sachgerechtes Arbeiten mit der

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info saro.de Operating Instructions Please read and keep In door use only. Don t discard.

this instruction. Model ECO Order no. **317-2090** Volt: 230V, 50-60Hz Wattage: Max. 2 kW

Capacity of jug: 1,8 ltr. 1, Water Entrance 2, Function Indicate 3, Filter Basket 4, Hot Plate

on base 5, Switch for Hot Pla...

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