

CO-Z CO-Z 1.1 Gallon Water Distiller

CO-Z 1.1 Gallon Water Distiller

Model: CO-Z 1.1 Gallon Water Distiller

1. INTRODUCTION

Thank you for choosing the CO-Z 1.1 Gallon Water Distiller. This appliance is designed to provide you with purified water by effectively removing harmful chemicals, volatile organic compounds (VOCs), and other impurities from your tap water. The distillation process ensures safe drinking water and enhances the flavor of beverages and food prepared with it.

This manual contains important information regarding the safe operation, installation, maintenance, and troubleshooting of your water distiller. Please read it thoroughly before using the product and retain it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, always follow these basic safety precautions:

- Read all instructions before operating the appliance.
- Ensure the power supply voltage matches the rating label on the distiller.
- Do not immerse the distiller unit, power cord, or plug in water or other liquids.
- Unplug the distiller from the outlet when not in use, before cleaning, or before adding/removing parts.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner.
- Place the distiller on a stable, level, heat-resistant surface, away from edges and other heat sources.
- Ensure adequate ventilation around the distiller during operation. Do not block air vents.
- The distiller produces hot steam and hot water. Exercise extreme caution to avoid burns. Allow the unit to cool completely before handling or cleaning.
- Do not overfill the water tank beyond the maximum fill line.
- Keep children and pets away from the appliance during operation and while it is cooling.

- Only use attachments and accessories recommended by the manufacturer.
- This appliance is for household and light commercial use as described in this manual. Do not use it for other purposes.

3. PACKAGE CONTENTS

Please check the package contents upon arrival. If any items are missing or damaged, contact customer service.

- 1 x CO-Z Water Distiller Unit
- 1 x Power Cord
- 1 x 4L Glass Carafe with Lid, Handle, and Spout
- 1 x 1.1 Gallon Plastic Jug
- 1 x Cleaning Powder
- 1 x User Manual



1 × Glass Pot	1 × Pot Lid
1 × Handle	1 × Pot Spout

Figure 3.1: Components of the 4L glass carafe. The image displays a disassembled glass carafe, showing the main glass pot, a stainless steel lid, a black handle, and a small spout component, indicating the parts included for the carafe assembly.

4. PRODUCT OVERVIEW AND FEATURES

The CO-Z Water Distiller is designed for efficiency and convenience, featuring durable construction and user-friendly controls.

- **Pure Water for Healthier Living:** Eliminates harmful chemicals, VOCs, and other impurities.
- **Dual Collection Options:** Includes a 4L glass carafe and a 1.1-gallon plastic jug, both BPA-free and food-safe.
- **Convenient Timer & Scheduling:** 0-99 hour timer and reservation feature for optimized water production and cost savings.
- **Automatic Shut-off:** Unit automatically shuts off at 300°F for safety.
- **Durable, Food-Grade Construction:** Made from 304 stainless steel and borosilicate glass for durability and corrosion resistance.
- **Wide Application:** Suitable for drinking, cooking, coffee machines, humidifiers, CPAP machines, and more.



RIGHT ON TIME

0-99 hr. Timer

Adjust Operation Time for Maximum Efficiency

0-99 hr. Reservation

Lower Energy Costs by Avoiding Peak Hours

When filled, this distiller retains a bit of water after 4 hr. to prevent scale.

Figure 4.1: Timer and Reservation Feature. This image highlights the digital control panel of the distiller, displaying a timer set to '04:00' and options for adjusting operation time (0-99 hr. Timer) and scheduling (0-99 hr. Reservation) to optimize efficiency and energy costs.

EFFORTLESS TO TRANSPORT

Take This Pure Water Source Wherever You Go
with No Hassle Thanks to Its Lightweight Body



Figure 4.2: Product Dimensions and Weight. The image shows the distiller unit with dimensions of approximately 9 inches wide and 15 inches high, and the collection jug with dimensions of 7 inches wide and 7 inches high. The net weight is indicated as 9.8 lbs and volume as 1.1 gallons.

CO-Z WATER DISTILLER

Clean Your Water the Old-Fashioned Way with Modern Technology!

Remove Toxins, & Other Contaminants



Figure 4.3: Distillation Process and Water Purity. This image provides a cutaway view of the distiller, illustrating how water is boiled, vaporized, and then condensed into purified water. An inset shows a TDS (Total Dissolved Solids) meter reading '160 TDS' before distillation and '9 TDS' after, demonstrating the reduction in impurities.

WIDE APPLICATION



Figure 4.4: Wide Range of Applications. This diagram shows the versatility of the distilled water produced, listing uses such as drinking, dentistry, safer ironing, lab work, aquariums, CPAP machines, humidifiers, personal hygiene, and better cooking.

5. SETUP

Follow these steps for initial setup of your CO-Z Water Distiller:

1. **Unpack:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
2. **Clean:** Before first use, wash the glass carafe and plastic jug with warm, soapy water. Rinse thoroughly.
3. **Placement:** Place the distiller unit on a stable, level, and heat-resistant countertop or surface. Ensure there is sufficient space around the unit for proper ventilation, especially around the air vents on the top.

4. **Power Connection:** Connect the power cord to the distiller unit, then plug it into a grounded electrical outlet. Ensure the outlet meets the voltage requirements of the distiller.
5. **Initial Rinse Cycle (Optional but Recommended):** For the first use, it is recommended to run one distillation cycle with water that will be discarded. This helps to clean any manufacturing residues.



Figure 5.1: CO-Z Water Distiller in Use. The image shows the distiller unit and collection jug placed on a kitchen counter, demonstrating a typical setup environment.

6. OPERATING INSTRUCTIONS

Operating your CO-Z Water Distiller is straightforward:

1. **Fill the Distiller:** Open the lid of the distiller and fill the stainless steel boiling chamber with tap water. Do not exceed the maximum fill line indicated inside the chamber.
2. **Place Collection Container:** Position either the glass carafe or the plastic jug directly under the distiller's spout. Ensure it is securely placed to collect the distilled water.
3. **Power On:** Plug the distiller into a grounded electrical outlet. The control panel will illuminate.
4. **Start Distillation:** Press the power button (**U**) on the control panel to start the distillation process. The distiller will begin heating the water.

5. **Set Timer (Optional):** Use the '+' and '-' buttons to set the desired operation time (0-99 hours). The distiller will automatically shut off after the set time. If no time is set, it will run until the water level is low or it reaches the auto-shutoff temperature.
6. **Set Reservation (Optional):** Use the 'SET' button to access the reservation function. Use '+' and '-' to set a delay time (0-99 hours) before distillation begins. This allows you to schedule distillation during off-peak hours.
7. **Monitor Process:** The distiller will boil the water, creating steam that rises, condenses, and drips into the collection container.
8. **Automatic Shut-off:** The distiller will automatically turn off when the water in the boiling chamber reaches a temperature of 300°F, indicating that most of the water has been distilled or evaporated.
9. **After Distillation:** Once the cycle is complete and the unit has cooled down (approximately 30-60 minutes), unplug the power cord. Carefully remove the collection container.
10. **Empty Residue:** Pour out the remaining water and mineral residue from the boiling chamber. This residue should be cleaned regularly as per the maintenance section.

7. MAINTENANCE AND CLEANING

Regular cleaning and maintenance are crucial for the longevity and efficient operation of your distiller.

7.1 Daily Cleaning

- After each distillation cycle, allow the unit to cool completely.
- Empty any remaining water and mineral residue from the boiling chamber.
- Rinse the boiling chamber with clean water. For light residue, a soft cloth or sponge can be used.
- Wash the collection carafe/jug with warm, soapy water and rinse thoroughly.

7.2 Deep Cleaning (Descaling)

Mineral deposits (scale) will accumulate in the boiling chamber over time, especially in hard water areas. Descaling should be performed regularly, typically once a week or as needed, when significant scale buildup is visible.

1. Ensure the distiller is unplugged and completely cool.
2. Pour approximately 1 liter (0.25 gallons) of warm water into the boiling chamber.
3. Add one packet of the provided cleaning powder (or a similar descaling agent like citric acid) to the water in the boiling chamber.
4. Stir the solution to dissolve the powder.
5. Close the lid and let the solution soak for at least 30 minutes, or longer for heavy scale. For stubborn deposits, you may gently heat the solution by running the distiller for a short period (e.g., 15-20 minutes) without distilling, then unplug and let it soak.
6. After soaking, carefully pour out the solution. Use a non-abrasive brush or sponge to scrub away any remaining scale.
7. Rinse the boiling chamber thoroughly multiple times with clean water to remove all cleaning solution residue.
8. Run one or two distillation cycles with clean water, discarding the distilled water, to ensure no cleaning agent residue remains.

Caution: Do not use harsh chemicals, abrasive cleaners, or metal brushes, as these can damage the

stainless steel surface.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Distiller does not power on.	No power supply; Loose power cord; Faulty outlet.	Check if the power cord is securely plugged into both the distiller and a working electrical outlet. Test the outlet with another appliance.
No water is being distilled.	Insufficient water in the boiling chamber; Distiller not turned on; Lid not properly sealed.	Ensure water level is above the minimum line. Press the power button. Check that the lid is securely placed.
Distillation process is slow.	Heavy mineral buildup (scale); Low ambient temperature.	Perform a deep cleaning/descaling as described in Section 7.2. Ensure the distiller is in a room with a reasonable ambient temperature.
Distilled water has an unusual odor or taste.	New unit odor (first few uses); Residue from previous distillation; Incomplete cleaning.	Run a few cycles with water to be discarded for new units. Ensure thorough cleaning of the boiling chamber and collection containers. Perform a deep cleaning.
Distiller shuts off prematurely.	Timer set for a shorter duration; Overheating due to blocked vents.	Check the timer setting. Ensure air vents are clear and the unit has proper ventilation.

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

9. SPECIFICATIONS

Feature	Specification
Model	CO-Z 1.1 Gallon Water Distiller
Capacity	1.1 Gallons (4 Liters)
Power	750W
Material (Distiller)	304 Stainless Steel
Material (Carafe)	Borosilicate Glass
Timer Range	0-99 Hours
Reservation Range	0-99 Hours
Automatic Shut-off Temperature	300°F

Feature	Specification
Net Weight	9.8 lbs
Dimensions (Distiller Approx.)	9" (W) x 15" (H)

10. WARRANTY AND SUPPORT

The CO-Z 1.1 Gallon Water Distiller comes with a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official CO-Z website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact CO-Z customer service. You can typically find contact information on the CO-Z official website or through the retailer where you purchased the product.

When contacting support, please have your product model and purchase date available.