

[Manuals.plus](#) /

› [ROVSUN](#) /

› ROVSUN 1.1 Gallon/4L Water Distiller User Manual

ROVSUN 4L-Gray

ROVSUN 1.1 Gallon/4L Water Distiller User Manual

Model: 4L-Gray | Brand: ROVSUN

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your ROVSUN 1.1 Gallon/4L Water Distiller. Please read this manual thoroughly before first use and retain it for future reference.



Image: The ROVSUN 1.1 Gallon/4L Water Distiller with its collection bottle, showcasing its compact design.

SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply matches the voltage specified on the distiller.
- Do not immerse the main unit in water or other liquids.
- Keep the distiller out of reach of children.
- Do not operate the distiller if the cord or plug is damaged.
- Allow the unit to cool down completely before cleaning or storing.
- Ensure proper ventilation during operation.
- Do not block the air vents on the top cover.
- The distiller features a built-in thermostat and auto-off function when the temperature exceeds 320°F (160°C) for overheat protection, indicating its flame-retardant material construction.



Fully Fire-Retardant Construction No Fear of Overheating or Combustion



Overheat Protection

*Build-in thermostat and auto-off
when temperature is over 320°F*

Image: Diagram illustrating the fire-retardant construction and overheat protection mechanism of the distiller.

PRODUCT COMPONENTS

Familiarize yourself with the parts of your water distiller:

Distiller Main Unit: Contains the heating element and boiling chamber, made of food-grade 304 stainless steel.

Top Cover: Houses the cooling fan (aluminum) and condensation coil.

Water Outlet: Spout for distilled water to exit.

Collection Bottle: BPA-free plastic container for collecting distilled water.

Power Switch/Reset Button: Controls power and restarts distillation cycles.

Activated Carbon Filter: Used to further purify the distilled water, included as sachets.

Food-Grade 304 Stainless Steel

Remove germs, toxins, and other pollutants efficiently



Distiller Interior

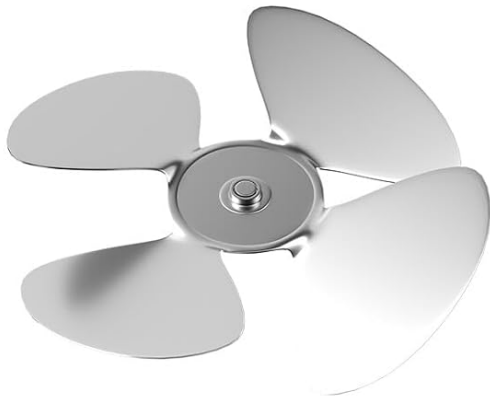


Water Outlet



Inner Cap

Image: Internal components showing the food-grade 304 stainless steel distiller interior, water outlet, and inner cap.



Aluminum Fan

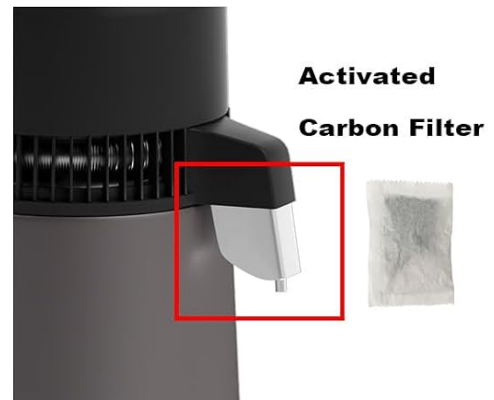


Grille for Cooling System

Details



BPA-free Container



Activated Carbon Filter
(Include activated carbon sachet)

Image: Detailed view of the aluminum fan, grille for the cooling system, BPA-free collection container, and activated carbon filter sachet.

Premium 304 Stainless Steel Food-Grade Material

Built to Last, Safe to Trust



**304 Stainless
Steel Interior**



**304 Stainless
Steel Inner Cap**



**BPA Free
Water Tank**

Image: Overview highlighting the premium 304 stainless steel interior, stainless steel inner cap, and BPA-free water tank.

SETUP

1. **Unpack:** Carefully remove all components from the packaging.
2. **Clean:** Before first use, clean the boiling chamber and collection bottle with warm water and mild detergent. Rinse thoroughly.
3. **Assemble:**
 - a. Place the distiller main unit on a stable, flat, heat-resistant surface.
 - b. Ensure the collection bottle is positioned directly under the water outlet.
 - c. Insert an activated carbon filter sachet into the filter compartment of the water outlet, if desired.
4. **Fill:** Fill the boiling chamber with tap water up to the MAX fill line. Do not overfill.
5. **Secure Top Cover:** Place the top cover firmly onto the main unit.
6. **Connect Power:** Plug the power cord into a grounded electrical outlet.

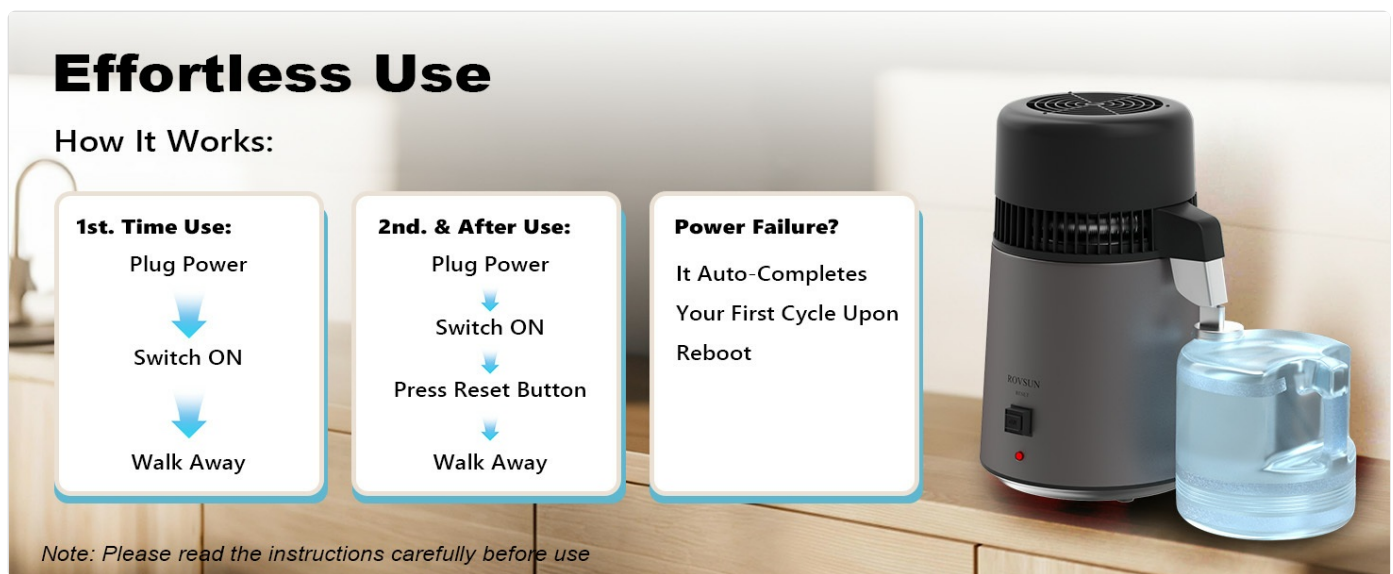


Image: Diagram illustrating the simple steps for first-time use and subsequent uses, emphasizing ease of setup.

OPERATING INSTRUCTIONS

The ROVSUN water distiller is designed for effortless operation.

First Use:

1. After setup, ensure the power cord is plugged in.
2. Flip the ON/OFF switch to "ON". The distiller will automatically begin the distillation process. The reset button is factory-set to "Start" and does not need to be pressed for the first cycle.
3. The unit will automatically shut off once the distillation cycle is complete (approximately 4 hours for a full 4L batch).

Subsequent Distillation:

1. Ensure the distiller has cooled down and is refilled with water.
2. Plug in the power cord and flip the ON/OFF switch to "ON".
3. Press the "RESET" button to start a new distillation cycle.
4. If the process stops mid-cycle due to a power interruption, reconnect power to resume. The unit will auto-shutoff upon completion.

Note: When not in use, always flip the ON/OFF switch to "OFF" and unplug the power cord.

An Extra Switch An Added Safety

First Use:

The reset button is factory-set to "Start"—no need to press it. Plug in the power cord, flip the switch to "ON," and it starts automatically. Auto-shutoff when done.



Second Distillation:

Press the reset button to restart distillation. If it stops mid-cycle during the first use, reconnect power to resume the process—auto-shutoff after completion.

Note: When not in use, press "OFF" and unplug the power cord.

Image: Close-up view of the ON/OFF switch and RESET button for operation control, highlighting the added safety feature.

MAINTENANCE

Regular cleaning ensures optimal performance and longevity of your distiller.

Daily Cleaning:

- After each use, unplug the unit and allow it to cool completely.
- Empty any remaining water from the boiling chamber.
- Rinse the boiling chamber and collection bottle with clean water.
- Wipe down the exterior with a damp cloth.

Descaling (Weekly/Bi-weekly, depending on water hardness):

- Mineral deposits will accumulate in the boiling chamber. To remove them, add a small amount of white vinegar (or a descaling agent designed for distillers) to the boiling chamber.

- Let it soak for 30 minutes to an hour, or longer for heavy buildup.
- Use a soft brush or cloth to scrub away the deposits. Do not use abrasive materials.
- Rinse the chamber thoroughly with clean water multiple times to remove all vinegar residue.

Activated Carbon Filter Replacement:

- Replace the activated carbon filter sachet every 2-3 months, or more frequently with heavy use, to maintain water purity.

APPLICATIONS

The ROVSUN water distiller produces pure water suitable for a variety of uses, ensuring safety and quality for different needs:

- **Home Use:** Ideal for drinking, cooking, and preparing baby formula.
- **Medical Devices:** Essential for CPAP machines and humidifiers to prevent mineral buildup.
- **Laboratory Work:** Provides high-purity water for experiments and sensitive equipment.
- **Beauty & Personal Care:** Suitable for facial steamers and other beauty applications.
- **Aquariums:** Helps maintain a clean and healthy environment for aquatic life.

Home



Office



Hospital



Beauty Parlor



Drinking



Lab Work



Humidifier



CPAP Machine



Dentistry

Image: Visual representation of various applications including home, office, hospital, beauty parlors, drinking, lab work, humidifiers, CPAP machines, and dentistry.

Widely Used



Home



Office



Hospital



Beauty Parlor



Drinking



LabWork



Humidifier



Dentistry



Dentistry



Aquarium

Image: A banner showcasing the wide range of uses for the distiller across different environments and needs.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Distiller does not turn on.	No power, switch off, or unit overheated.	Check power cord connection. Ensure ON/OFF switch is "ON". Allow unit to cool down if recently used.
No distilled water produced.	Insufficient water in boiling chamber, or fan/heating element issue.	Ensure water level is above MIN line. Contact customer support if problem persists after checking water level.
Water has an unusual taste/smell.	New unit odor, or carbon filter needs replacement.	Run a few cycles with water and discard the first few batches for new unit. Replace activated carbon filter. Ensure thorough cleaning.
Unit shuts off prematurely.	Overheat protection activated, or low water level.	This is a safety feature. Allow unit to cool. Ensure proper water level for next cycle.

SPECIFICATIONS

Feature	Detail
Power & Voltage	750W, 110V, 50/60HZ
Inner Container Volume	1.1 Gallon / 4 Liters
Evaporation Rate	1 Liter per Hour
Fan Material	Aluminum
Distiller Material	Food-grade 304 Stainless Steel
Container Material	Food-grade Plastic (BPA-Free)
Over-temperature Safety	Auto-off when temp is over 320°F (160°C)
Gross Weight	10.6 lbs / 4.8 kg
Chamber Size (Dia. x H)	9.1" x 15.3"
Water Bottle Size	7.1" x 6.7"

SPECIFICATIONS



- 1.Power & Voltage: **750W,110V, 50 /60HZ**
- 2.Inner Container Volume: **1.1 gal/4 L**
- 3.Degree of evaporation: **1L/H**
- 4.Fan Material: **Aluminum**
- 5.Distiller Material: **Food-grade 304 stainless steel**
- 6.Container Material: **Food-grade Plastic**
- 7.Over-temperature safe: **Auto-off when temp is over 320°F**
- 8.Gross Weight: **10.6 lbs/4.8kg**
- 9.Chamber Size: **9.1" (Dia.)x15.3" (H)**
- 10.Water bottle size: **7.1" x 6.7"**

Image: Visual representation of the distiller's dimensions and key specifications for easy reference.

WARRANTY AND SUPPORT

For warranty information or technical support, please contact ROVSUN customer service. Refer to your purchase documentation for specific warranty terms and contact details.
You can also visit the official ROVSUN store for more information and support:

[Visit the ROVSUN Store on Amazon](#)

© 2025 ROVSUN. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question