

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [iSpring](#) /
- › [iSpring RCD100 Countertop Reverse Osmosis System User Manual](#)

iSpring RCD100

iSpring RCD100 Countertop Reverse Osmosis System User Manual

Model: RCD100

INTRODUCTION

This manual provides instructions for the setup, operation, and maintenance of your iSpring RCD100 5-Stage Countertop Reverse Osmosis System. This system is designed to provide clean, filtered water, including instant hot water, for various household needs. Please read this manual thoroughly before operating the unit.



Image: The iSpring RCD100 Countertop Reverse Osmosis System, a compact white unit with a digital display showing temperature and filter status, dispensing water into a mug.

IMPORTANT SAFETY INFORMATION

- Ensure the unit is placed on a stable, level surface.
- Do not immerse the unit in water or other liquids.
- Keep out of reach of children. The unit features a child safety lock for hot water dispensing.
- Only use the provided power cord and connect to a grounded outlet.
- Do not operate the unit if it is damaged or malfunctioning. Contact customer support.
- This RO system is intended for city water use only, not well water.
- The required incoming water temperature for operation is 41°F - 100°F (5°C - 38°C).

PRODUCT OVERVIEW

The iSpring RCD100 is a portable, plug-and-play countertop reverse osmosis system featuring a 5-stage filtration process and instant hot water dispensing. It is designed for convenience and efficiency, suitable for

various environments such as kitchens, offices, bedrooms, and RVs.

Key Features:

- **5-Stage Filtration with UV:** Removes up to 99% of over 1,000 contaminants including chlorine, fluoride, lead, arsenic, and PFAS. Includes a built-in UV light for added protection.
- **Instant Hot Water:** Offers four temperature options: Room Temperature, 120°F (Formula), 185°F (Coffee), and 205°F (Tea).
- **No Installation Required:** Plug-and-play design eliminates the need for plumbing.
- **Smart Panel Display:** Monitors filter life, displays real-time temperature, and provides low water level reminders.
- **High Efficiency:** Achieves a 2.5:1 pure to drain water ratio with a 100 GPD capacity.
- **Child Safety Lock:** Prevents accidental hot water dispensing.
- **Automatic Self-Cleaning:** Initiates a flush sequence upon first use and after refilling.

Next Generation Portable RO



Plug-and-Play

 **Note: Please measure dimensions before purchasing.**

15.5"
7"
15.5"



Kitchen



Office



Bedroom



RV

Image: The iSpring RCD100 unit with dimensions (15.5" H x 7" W x 15.5" L) and illustrations showing its suitability for kitchen, office, bedroom, and RV use.

Plug and Play



Enjoy Fresh Water at Your Fingertips, Anytime and Anywhere.



Image: A graphic illustrating the "Plug and Play" nature of the iSpring RCD100, showing it in various settings like a kitchen, office, bedroom, and RV.

SETUP INSTRUCTIONS

The iSpring RCD100 is designed for quick and easy setup without the need for plumbing installation.

1. **Unpack the Unit:** Carefully remove all components from the packaging.
2. **Place the Unit:** Position the system on a stable, level surface with access to a grounded electrical outlet. Ensure adequate space around the unit for ventilation and access to the water tank.
3. **Install Filters:** The filters are typically pre-installed or easily twist into place. Refer to the "Maintenance" section for detailed filter installation/replacement.
4. **Fill the Water Tank:** Remove the raw water tank, fill it with tap water (city water only), and place it back into the unit. The tank has a 1.3-gallon capacity.
5. **Plug In:** Connect the power cord to the unit and then to a grounded electrical outlet.
6. **Initial Flush:** Upon first-time use, the system will automatically initiate a flush sequence. After filling the tank, the RO water filter flushes for approximately 30 seconds. This process helps prepare the filters for optimal performance.



No Installation Required

5-Minute Setup



Image: A visual guide demonstrating the simple 5-minute setup: no installation, plug in, fill up, press a button, and hydrate.

OPERATING INSTRUCTIONS

The iSpring RCD100 features a smart panel display for easy operation and monitoring.

Smart Panel Display:

SMART PANEL DISPLAY



Quad-temp Dispensing on Demand



Hold the "Room Temp" button for **5 sec** to enjoy continuous dispensing. Press again to stop.



Room Temp.



Formula: 120°F



Coffee: 185°F



Tea: 205°F



Real-time Water
Temp Monitor



Filter Life
Monitor



Child Safety
Lock



Low Water Level
Indicator



Auto Flush for Initial
Set-up and Refilling

Image: A close-up of the iSpring RCD100's smart panel display, showing temperature, UV indicator, work status, settings, options, and four temperature preset buttons (Room Temp, Formula, Coffee, Tea) along with a Lock button.

- The display shows real-time water temperature and filter life indicators.
- Low water level reminders will appear when the tank needs refilling.

Dispensing Water:

1. **Select Temperature:** Choose from the following options on the smart panel:
 - **Room Temp:** Ambient water temperature.
 - **120°F (Formula):** Ideal for baby formula.
 - **185°F (Coffee):** Suitable for brewing coffee.
 - **205°F (Tea):** Perfect for hot tea.
2. **Unlock (for Hot Water):** For hot water temperatures (120°F, 185°F, 205°F), press the **Lock** button to unlock the dispenser. This is a child safety feature.

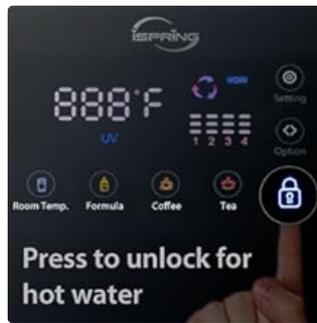


Image: A close-up of the smart panel showing the "Lock" button, indicating it needs to be pressed to unlock hot water dispensing.

3. **Dispense:** Place your cup or container under the dispenser and press the selected temperature button again to dispense water.
4. **Continuous Dispensing:** To dispense water continuously (until the filtered water tank is empty or manually stopped), press and hold the "Room Temp" button for 5 seconds. Press the same button again to exit this mode.

The flow rate is approximately 0.16 GPM, which means it takes about 20 seconds to fill a standard mug.

Auto Sleep Mode:

An advertisement for iSPRING's Auto Sleep Mode. The background is a dark bedroom with a bed and a lamp. In the foreground, a white iSPRING water dispenser is on a table next to a glass of water and a mug. A blue speaker icon with a red 'X' over it is on the left. The iSPRING logo is in the top right. A text box at the bottom left explains the Auto Sleep Mode.

Auto Sleep Mode

The display lights will automatically turn off to reduce power consumption. Click any button to reactivate them.

Image: The iSpring RCD100 in a dimly lit room, illustrating its auto sleep mode where display lights turn off to conserve power. A small speaker icon with a cross indicates quiet operation.

The display lights will automatically turn off after a period of inactivity to reduce power consumption. Press any button to reactivate the display.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your iSpring RCD100 system.

Filter Replacement:

The RCD100 features a twist-and-lock design for easy filter replacement. The smart panel display will provide timely reminders when a filter replacement is needed.

EFFORTLESS MAINTENANCE & LONGER SERVICE LIFE

Easy twist-and-replace design

- 1 STAGE** **Stainless Steel Filter:**
Brush clean every 3-6 months
- 2 STAGE** **Composite Filter:**
Up to 6 months
- 3 STAGE** **RO Membrane:**
Up to 24 months
- 4 STAGE** **Post Carbon Filter:**
Up to 12 months
- 5 STAGE** **UV Filter (Built-in)**

* The actual lifespan of filters may vary depending on the source water quality and frequency of usage

Image: A diagram showing the internal filter components of the iSpring RCD100 and their recommended replacement intervals. Filters include Stainless Steel, Composite, RO Membrane, Post Carbon, and UV Filter.



Image: A hand demonstrating the twist-and-lock mechanism for replacing filters in the iSpring RCD100.

For replacement filter sets, search for "F3RCD100" or "F7RCD100".

Recommended Filter Replacement Schedule

Filter Stage	Filter Type	Recommended Lifespan
1	Stainless Steel Filter	Brush clean every 3-6 months
2	Composite Filter	Up to 6 months
3	RO Membrane	Up to 24 months
4	Post Carbon Filter	Up to 12 months
5	UV Filter (Built-in)	Lifespan varies

Note: The actual lifespan of filters may vary depending on source water quality and frequency of usage.

Tank Cleaning:

Due to the reverse osmosis process, waste water is stored in a separate compartment within the tank. It is crucial to fully empty the tank before refilling with fresh tap water to ensure system performance and prevent buildup.

TROUBLESHOOTING

This section addresses common issues you might encounter with your iSpring RCD100 system.

- **System Reminds to Refill, but Water is Visible in Tank:** The system stores waste water in a separate compartment. This waste water is not for consumption. Always empty the tank completely before refilling with fresh tap water to ensure proper filtration and system operation.
- **Slow Water Dispensing:** The system has a maximum flow rate of 0.16 GPM, meaning it takes approximately 20 seconds to fill a standard mug. This is normal operation.
- **No Power/Unit Not Turning On:**
 - Ensure the power cord is securely plugged into both the unit and a functional, grounded electrical outlet.
 - Check if the outlet is receiving power (e.g., by plugging in another appliance).
 - If the issue persists, contact iSpring customer support.
- **Water Leaks:**
 - Check all connections, especially around the water tank and filter housings, to ensure they are properly seated and tightened.
 - Inspect the unit for any visible cracks or damage.

- If a leak is detected and cannot be resolved, discontinue use and contact iSpring customer support.
- **Hot Water Not Dispensing:** Ensure the child safety lock is disengaged by pressing the **Lock** button before selecting a hot water temperature.

If you encounter issues not listed here or if troubleshooting steps do not resolve the problem, please contact iSpring customer support.

SPECIFICATIONS

Feature	Detail
Model Number	RCD100
Product Dimensions (L x W x H)	15.5" x 7" x 15.5"
Item Weight	16.2 Pounds
Installation Type	Countertop (No Plumbing Required)
Power Source	Corded Electric
Filtration Stages	5-Stage with UV
Pure to Drain Ratio	2.5:1
Maximum Flow Rate	0.16 Gallons Per Minute (GPM)
Water Tank Capacity	1.3 Gallons (170 oz)
Temperature Options	Room Temp, 120°F, 185°F, 205°F
Incoming Water Temperature Range	41°F - 100°F
Manufacturer	iSpring

What's in the Box:

- iSpring RCD100 Filtration System
- Filter Cartridges (pre-installed or included for initial setup)
- User Manual

WARRANTY AND SUPPORT

The iSpring RCD100 system is backed by a **1-year manufacturer warranty** upon registration. iSpring also provides **lifetime personalized support** from their team in Georgia, USA.

For technical assistance, troubleshooting, or warranty claims, please contact iSpring customer support. Have your model number (RCD100) and purchase information ready.



Image: A customer support representative wearing a headset, smiling and looking at a computer screen, with a speech bubble asking "Do u have Questions?".

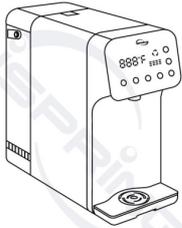
Related Documents - RCD100

	<p>iSpring RCD100 5-Stage Countertop Reverse Osmosis Water Dispenser Installation and User Manual</p> <p>User manual for the iSpring RCD100 5-Stage Countertop Reverse Osmosis Water Dispenser, covering installation, operation, filter replacement, troubleshooting, and warranty. Learn how to set up and maintain your water filtration system.</p>
	<p>iSpring Reverse Osmosis Water Filter Systems User Manual</p> <p>Comprehensive user manual for iSpring under-sink 5-stage, 6-stage, and 7-stage Reverse Osmosis (RO) water filter systems. Includes installation guides, operating conditions, parts index, warranty information, and maintenance tips.</p>
	<p>iSpring Reverse Osmosis Water Filtration Systems: Installation and Owner's Manual</p> <p>Comprehensive guide for installing and operating iSpring Reverse Osmosis water filtration systems, covering setup, maintenance, and troubleshooting for optimal performance.</p>

	<p>iSpring RCS5T Reverse Osmosis Water Filtration System: Installation and Operating Manual</p> <p>Comprehensive installation and operating manual for the iSpring RCS5T Reverse Osmosis Water Filtration System, detailing setup, maintenance, and troubleshooting for clean, healthy drinking water.</p>
	<p>iSpring CRO1000 Reverse Osmosis System: Installation & Operating Manual</p> <p>Comprehensive installation and operating manual for the iSpring CRO1000 Commercial Grade 1000 GPD Reverse Osmosis System. Learn about setup, features, maintenance, and troubleshooting for pure drinking water.</p>
	<p>iSpring RO800 Series 800 GPD Reverse Osmosis Water Filtration System Installation and User Manual</p> <p>This manual provides installation instructions and user guidance for the iSpring RO800 Series 800 GPD Reverse Osmosis Water Filtration System. It covers product introduction, system installation, usage, maintenance, and warranty information.</p>

COUNTERTOP

iSpring RCD100 5-Stage Countertop Reverse Osmosis Water Dispenser



Model: RCD100

Installation Instructions & User Manual

Ver. 09/2023



iSpring Water Systems

Any questions? Scan the QR code for support.



Copyright ©2005-2023 ISPRING WATER SYSTEMS, LLC. All rights reserved.

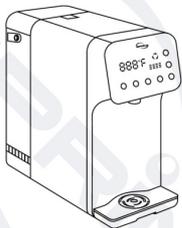
[iSpring RCD100 5-Stage Countertop Reverse Osmosis Water Dispenser Installation and User Manual](#)

User manual for the iSpring RCD100 5-Stage Countertop Reverse Osmosis Water Dispenser, covering installation, operation, filter replacement, troubleshooting, and warranty. Learn how to set up and maintain your water filtration system.

lang:en score:27 filesize: 1.75 M page_count: 16 document date: 2024-06-25

COUNTERTOP

iSpring RCD100 5-Stage Countertop Reverse Osmosis Water Dispenser



Model: RCD100

Installation Instructions & User Manual

Ver. 12/2022



iSpring Water Systems



Copyright ©2005-2022 ISPRING WATER SYSTEMS, LLC. All rights reserved.

[\[pdf\] User Manual](#)

User Manual iSpring RCD100 5 Stage Countertop Reverse Osmosis System Instant Hot RO Water Dispenser with UV 2 1 Pure to Drain 100 GPD Portable Filtration 4 Temperature Options Plug and Play Tools Home Improvement C1F3bvqq1JL m media amazon images I |||

...

lang:en score:17 filesize: 4.13 M page_count: 0 document date: 0000-00-00

iSpring Sliding Tray for RCD100 Series Countertop Water Dispensers

Ver. 09/2024



Model: ATSRCD

Note

- 1 Maximum load capacity: 45 lbs
- 2 To be used on flat surfaces ONLY.
- 3 Size: 10"W x 19 1/2" D x 1 3/4"H

Operations

- 1 Remove the tray from the packaging and place it on a flat surface.
- 2 Unplug the Water Dispenser and place it on the tray.
- 3 Slide the tray to a desired location, then push down the leveler on each wheel to engage the brakes.
- 4 Lift the leveler on each wheel to move the tray.

[\[pdf\]](#)

iSpring Sliding Tray for RCD100 Series Countertop Water DispensersiSpring Dispensers Model ATSRCD

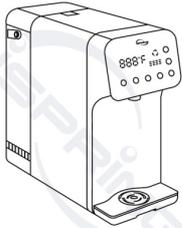
Note 1 Maximum load capacity 45 lbs To be used on flat surfaces ONLYATSRCD Manualispringfilter ac index rt account start id 230 srsltid AfmBOooVDZFYUtlwB xpcPbn9R0VE43SpeKaHgGs xcihL xAccWRv57 |||

...

lang:en score:11 filesize: 122.36 K page_count: 0 document date:

COUNTERTOP

iSpring RCD100 5-Stage Countertop Reverse Osmosis Water Dispenser



Model: RCD100

Installation Instructions & User Manual

Ver. 09/2023



Any questions? Scan the QR code for support.



Copyright ©2005-2023 ISPRING WATER SYSTEMS, LLC. All rights reserved.

[\[pdf\]](#) Catalog

ISPRING 5 Stage Countertop Reverse Osmosis System Instant Hot RO Water Dispenser w UV 2 1 Pure to Drain Ratio 100 GPD RCD100 The Home Depot41604b97 5240 4baa a115 b1043d66ca99images thdstatic catalog Images 41 41604b97 b1043d66ca99 DepotISPRING Depota75fd9f2 ae6d 4326 8ca2 d00aa2682f9c41604b97 a7 a75fd9f2 d00aa2682f9cimages |||

...

lang:en score:10 filesize: 2.41 M page_count: 0 document date: 2024-11-09