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› iSpring RCC7 5-Stage Reverse Osmosis Water Filter User Manual

iSpring RCC7

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Model: RCC7

INTRODUCTION

The iSpring RCC7 is a high-capacity under-sink 5-stage reverse osmosis water filtration system designed to provide clean, pure, and great-tasting drinking water. It is NSF/ANSI 58 & 372 certified, ensuring effective removal of up to 99% of over 1,000 harmful contaminants.



This image displays the complete iSpring RCC7 system, including the main filter unit, the storage tank, and the brushed nickel faucet.

WHAT'S IN THE BOX

Your iSpring RCC7 system includes the following components:

- 5-Stage Filtration System Unit
- Pressurized Water Storage Tank
- Brushed Nickel Faucet
- Complete Set of Filters (PP Sediment, GAC, CTO, RO Membrane, Post Carbon)
- Installation Hardware and Tubing
- User Manual (PDF version available online)

SETUP AND INSTALLATION

The iSpring RCC7 system is designed for straightforward DIY installation. Follow these steps for proper setup.

Pre-Installation Checklist

- Ensure you have adequate space under your sink for the filter unit (15 x 8 x 18 inches) and the storage tank.
- Verify your water pressure meets the system requirements (if low, a booster pump may be needed).
- Gather necessary tools (drill, wrench, utility knife, etc.).

Installation Steps

For detailed visual instructions, refer to the official installation videos.

Connecting to a Refrigerator (Optional)

The iSpring ICEK (Ice Maker Kit) allows you to connect your RO system directly to your refrigerator for filtered water and ice.

Your browser does not support the video tag.

This video demonstrates how to connect your iSpring filtration system to a refrigerator using the iSpring ICEK kit, providing crystal clear, odor-free ice cubes and filtered water directly from your fridge dispenser.

QUICK & EASY SET UP

US-Patented Top-Mounted Design



COUNTERTOP



No Back Pain



No Under-Sink Struggles

This diagram illustrates the patented top-mounted faucet design, simplifying installation by allowing access from above the countertop, reducing the need to crawl under the sink.

To Existing Kitchen Faucet

Fits both 1/2" NPT & 3/8" COMP

Feed Water Adapter #AFW43

One Piece Design. No Risk of Leaking.

RO 1/4" Tubing

Do Not Over Tighten

Cold Water Shutoff Valve



This image details the connection of the feed water adapter and cold water shutoff valve, showing how the RO tubing connects to your existing water line.

OPERATING INSTRUCTIONS

Once installed, the iSpring RCC7 system operates automatically.

First Use

- After installation, open the RO faucet and allow the tank to completely drain. This flushes out any carbon fines and air from the system.
- Close the faucet and allow the tank to refill (this may take 2-3 hours).
- Repeat the drain and refill process 2-3 times to ensure all air is purged and the filters are properly flushed.

Daily Use

- Simply open the RO faucet to dispense purified water.

- The system will automatically refill the storage tank as water is used.

MAINTENANCE

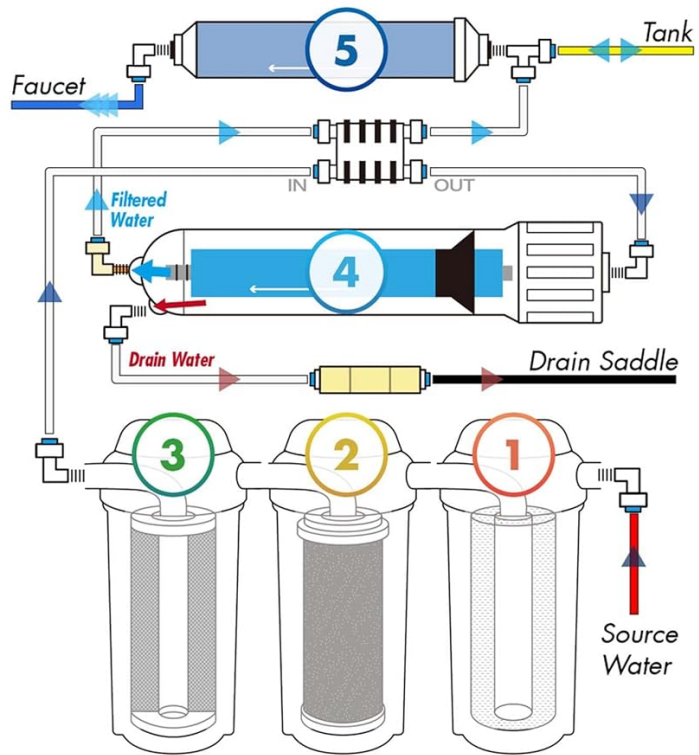
Regular maintenance ensures optimal performance and water quality.

Filter Replacement Schedule

Filter Stage	Description	Replacement Frequency
1st Stage (PP Sediment)	Removes sediments, dust, sand, particles, dirt and rust.	6-12 months
2nd Stage (GAC)	Removes chlorine, tastes & odors, cloudiness and colors.	6-12 months
3rd Stage (CTO)	Removes chloramine, harmful chemicals and more.	6-12 months
4th Stage (RO Membrane)	Produces bottled quality drinking water up to 75 gallons per day.	2-3 years
5th Stage (Post Carbon)	Removes any possible residual taste and odors from the tank.	6-12 months

Replacement filter kits are available in 6-month, 1-year, 2-year, and 3-year options.

Complete Reverse Osmosis Filtration Process



NSF Certified to NSF/ANSI 58

*** Package includes a complete set of filters**

This diagram visually explains each of the five filtration stages, from sediment removal to post-carbon polishing, and their respective functions and recommended replacement intervals.

TROUBLESHOOTING

Low Water Flow from Faucet

- Check the storage tank pressure. If low, the tank may need to be recharged or replaced.
- Inspect filters for clogging. Replace if necessary.
- Ensure all shut-off valves are fully open.

Poor Water Taste/Odor

- Replace the Post Carbon filter (5th stage).
- Ensure proper flushing after filter changes.
- Check the RO membrane for degradation (replace if older than 2-3 years).

Leaks

- Tighten all connections.
- Inspect O-rings and fittings for damage.
- Ensure the Leak Stop Valve (if installed) is not activated.

SPECIFICATIONS

Feature	Detail
Model Number	RCC7
Product Dimensions	15 x 8 x 18 inches
Item Weight	25 Pounds
Material	Plastic
Product Benefits	Reverse Osmosis Membrane
Certifications	NSF/ANSI 58 & 372 Certified
Daily Production Capacity	75 GPD (Gallons Per Day)
Country of Origin	China

NSF/ANSI 58 CERTIFIED

✓ Chemical Extraction Test

✓ Cyclic Test

✓ Hydrostatic Test

✓ TDS Reduction Test

• NON-PRESSURE BEARING COMPONENT

✓ Material Safety

• PRESSURE BEARING COMPONENT

✓ Material Safety

✓ Structural Integrity

• COMPLETE SYSTEM

✓ Material Safety

✓ Structural Integrity



Please note: This RO system CANNOT reduce TDS to very low level or zero if wanting pH+ water.

This image highlights the NSF/ANSI 58 certification for various components and the complete system, along with key dimensions of the filter unit and storage tank.

WARRANTY AND SUPPORT

The iSpring RCC7 comes with a 1-year limited manufacturer warranty upon registration. iSpring offers lifetime personalized support from Georgia, USA.

- For technical assistance, installation questions, or replacement parts, contact iSpring customer support.
- Visit the official iSpring website for more information and resources.

