

iSpring RCS10T

iSpring RCS10T Reverse Osmosis Water Filter System

Model: RCS10T - 1000 GPD Tankless 5-Stage RO System

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your iSpring RCS10T 1000 GPD Tankless 5-Stage Reverse Osmosis Water Filter System. This system is designed to provide purified water for residential and light commercial applications, offering a high flow rate and efficient contaminant reduction.

The iSpring RCS10T system utilizes a 5-stage filtration process to reduce up to 99% of over 1,000 common contaminants, including chlorine, fluoride, lead, arsenic, asbestos, sodium, calcium, sand, and unpleasant odors. It features a high-efficiency RO membrane with up to 99% TDS rejection.

1000 GPD High-Flow Reverse Osmosis System

Built for Higher Daily Water Demand



Image: iSpring RCS10T 1000 GPD High-Flow Reverse Osmosis System built for higher daily water demand.

2. SAFETY INFORMATION

Please read all safety instructions before installing or operating the system. Failure to follow these instructions could result in property damage, injury, or death.

- Ensure all connections are secure to prevent leaks.
- Do not operate the system with damaged components.
- Turn off the water supply before performing any maintenance or filter changes.

- Keep the system away from direct sunlight and freezing temperatures.
- Use only genuine iSpring replacement parts to ensure proper function and warranty validity.
- The system operates under water pressure. Ensure your plumbing can handle the required pressure.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- iSpring RCS10T Reverse Osmosis System Unit
- Complete set of 5-stage filters (pre-installed or separately packaged)
- User Manual
- Installation hardware and fittings

4. SETUP AND INSTALLATION

The iSpring RCS10T system is designed for DIY installation with quick-fitting connections. Refer to the included user manual for detailed, step-by-step instructions and diagrams. It is recommended to watch any available installation videos provided by iSpring for visual guidance.

4.1 Pre-Installation Checklist

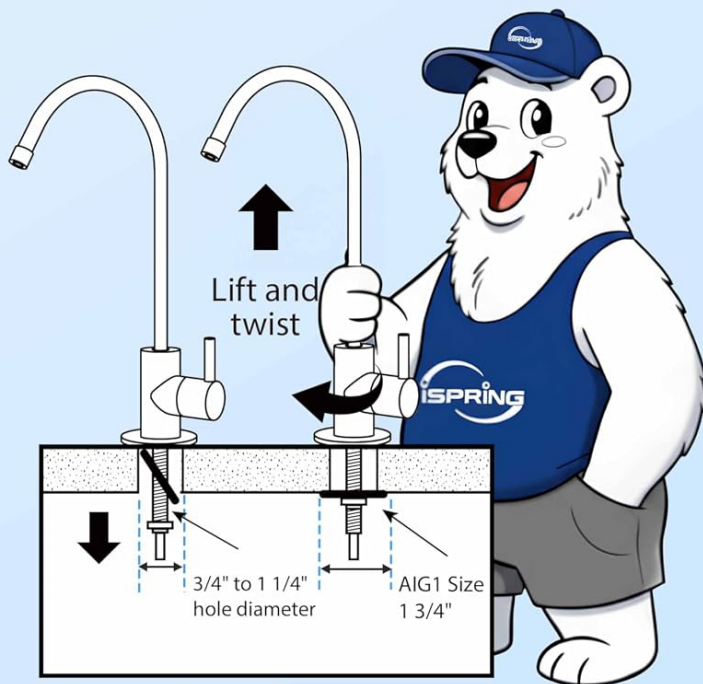
- Confirm available space for the unit (Dimensions: 15.55"L x 8.66"W x 19.29"H).
- Ensure access to a cold water supply line and a drain.
- Gather necessary tools (e.g., drill, wrench, measuring tape).

4.2 Installation Steps Overview

1. Turn off the main cold water supply.
2. Install the feed water adapter to the cold water line.
3. Mount the RO system unit in the desired location (typically under the sink).
4. Connect the tubing for feed water, purified water, and drain.
5. Install the dedicated faucet for purified water.
6. Flush the system according to the detailed instructions in the main manual before first use.

Patented Design for Easy Installation

Patented Top-Mounted Design



PATENTED



2
Step

20
Sec.

Other Brands



- Hard to Reach
- Tools Required
- Tight Space

6+
Step

30
Min.

Image: The system features a patented top-mounted design for simplified installation, often completed in two steps within seconds.

5. OPERATING INSTRUCTIONS

The iSpring RCS10T is a tankless system, providing purified water on demand. Once installed and flushed, the system operates automatically when the purified water faucet is opened.

5.1 First Use

- After installation, slowly open the feed water valve.
- Check for any leaks.
- Open the purified water faucet and allow the system to flush for at least 30 minutes to remove air and carbon fines.
- Close the faucet. The system is now ready for use.

5.2 Daily Operation

Simply open the dedicated purified water faucet to dispense clean water. The system's high-efficiency booster pump

ensures optimal performance, especially in low water pressure conditions, maximizing purified water production.

1000 GPD Larger Water Flow

Up to 0.7 GPM Flow Rate



6S

Get a cup of water8 oz



30S

Get a jar of water45 oz



60S

Get a basin of water89 oz

Image: The 1000 GPD system provides a larger water flow, up to 0.7 GPM, allowing quick dispensing of water.

Tankless Design



iSpringRCS10T

Compact, tankless design for easy installation

No storage tank - fresh water on demand

VS

Traditional RO



Traditional RO

Traditional RO system with storage tank

Image: Comparison illustrating the compact, tankless design of the iSpring RCS10T versus a traditional RO system with a storage tank.

6. MAINTENANCE

Regular filter replacement is crucial for maintaining optimal system performance and water quality. The iSpring RCS10T uses a 5-stage filtration system with specific replacement schedules for each filter.

6.1 Filter Replacement Schedule

Stage	Filter Type	Model Number	Replacement Interval
1	PP Sediment Filter	FP15	Up to 6 months
2	GAC (Granular Activated Carbon) Filter	FG15	Up to 12 months
3	CTO (Carbon Block) Filter	FC15	Up to 12 months
4	RO Membrane	MS10	Up to 36 months
5	Ultra-fine Trace Carbon Filter	FT15	Up to 12 months

Note: Filter life may vary based on incoming water quality and usage.

6.2 Filter Replacement Procedure

- Turn off the water supply to the RO system.
- Depressurize the system by opening the purified water faucet.
- Remove the old filter cartridges using the provided wrench or by twisting them off.
- Insert new filter cartridges, ensuring they are properly seated and tightened.
- Slowly turn on the water supply and check for leaks.
- Flush the system for 10-15 minutes after replacing filters to remove air and carbon fines.

Complete 5-Stage Replacement Filters

for iSpring **RCS10T** Reverse Osmosis System



Stage 1

PP

#FP15

Up to

6 Months

Stage 2

GAC

#FG15

Up to

12 Months

Stage 3

CTO

#FC15

Up to

12 Months

Stage 4

**RO
Membrane**

#MS10

Up to

36 Months

Stage 5

**Ultra-fine
Trace Carbon**

#FT15

Up to

12 Months

Image: Visual representation of the five stages of replacement filters for the iSpring RCS10T system, with their respective model numbers and replacement intervals.

True 5-Stage Filtration

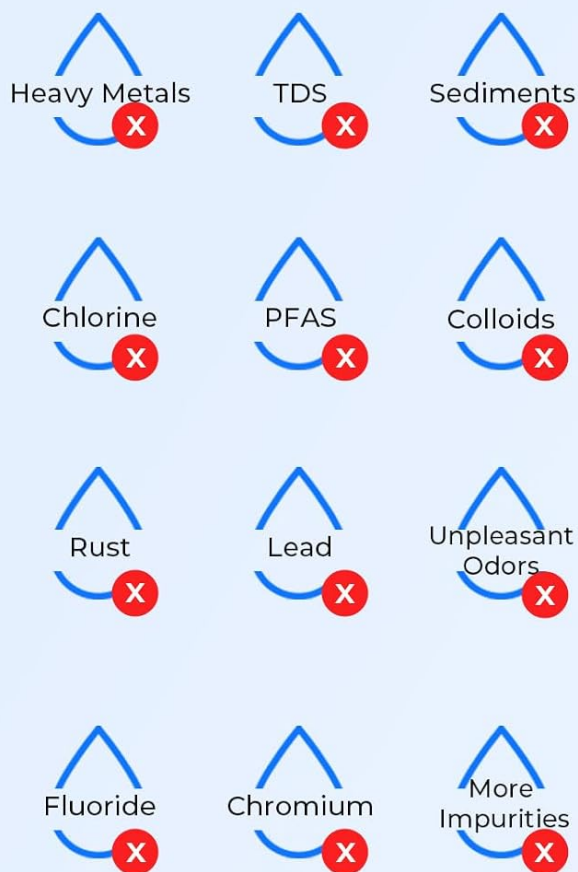


Image: Diagram illustrating the true 5-stage filtration process, showing how various contaminants like heavy metals, TDS, chlorine, and lead are reduced.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your iSpring RCS10T system. For more complex problems, contact customer support.

Problem	Possible Cause	Solution
Low Water Flow from Faucet	Clogged filters, low incoming water pressure, kinked tubing.	Check filter replacement schedule and replace if due. Verify main water supply pressure. Inspect tubing for kinks.
Water Leaks	Loose connections, damaged O-rings, cracked housing.	Tighten all connections. Inspect O-rings and replace if damaged. Contact support if housing is cracked.

Problem	Possible Cause	Solution
Unpleasant Taste/Odor	Expired carbon filters, new system not flushed adequately.	Replace carbon filters (Stage 2, 3, 5). Flush the system for a longer period (e.g., 30-60 minutes).
System Not Producing Water	No water supply, booster pump issue, clogged RO membrane.	Ensure water supply is on. Check power to booster pump. Replace RO membrane if overdue.

8. SPECIFICATIONS

Feature	Detail
Model Name	RCS10T
Brand	iSpring
Capacity	1000 Gallons Per Day (GPD)
Purification Method	5-Stage Reverse Osmosis
Product Dimensions (L x W x H)	15.55" x 8.66" x 19.29"
Item Weight	28.7 pounds
Installation Type	Under Sink
Container Type	Tankless
Supported Water TDS Level Max	300 PPM
Power Source	Water Pressure (with booster pump)
Material	Plastic

9. WARRANTY AND CUSTOMER SUPPORT

The iSpring RCS10T system is backed by a 30-day money-back guarantee and a 1-year manufacturer warranty. An extended warranty may be available upon product registration. For technical assistance, troubleshooting, or warranty claims, please contact iSpring customer support. Refer to the official iSpring website or the contact information provided in your product packaging for the most current support details.

10. ADDITIONAL RESOURCES

10.1 Product Images



Image: Clear filter housing allows visual inspection of sediment accumulation, indicating when filter replacement is needed.

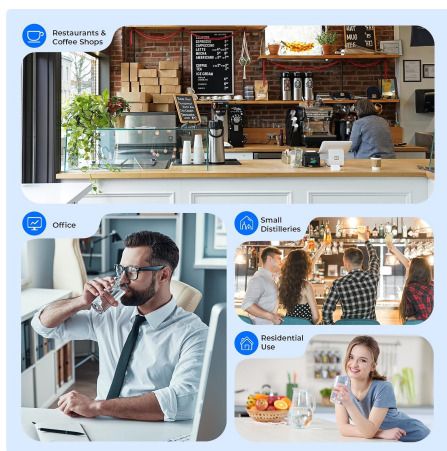


Image: Examples of iSpring RCS10T applications, including residential use, offices, and commercial settings like coffee shops and small distilleries.



Image: Information on the benefits of PFAS-free water, highlighting the system's ability to reduce these contaminants.

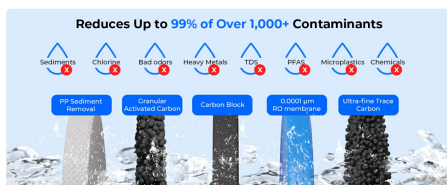


Image: Visual representation of the system's ability to reduce over 1,000 contaminants through its 5-stage filtration process.



Image: Illustrates the system's suitability for high daily water usage in various settings like homes, offices, and coffee stations.

10.2 Official Product Videos

No official seller videos were found for this product that meet the embedding criteria.

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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