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› iSpring RO600BN Tankless Reverse Osmosis System User Manual

iSpring RO600BN

iSpring RO600BN Tankless Reverse Osmosis System User Manual

Model: RO600BN

INTRODUCTION



The iSpring RO600BN Tankless Reverse Osmosis System with brushed nickel faucet.

The iSpring RO600BN Tankless Reverse Osmosis System provides high-quality, purified water directly from your tap. This advanced filtration system is designed for efficiency, space-saving, and ease of maintenance, delivering clean and great-tasting water for your household needs.

This manual provides essential information for the installation, operation, and maintenance of your iSpring RO600BN system. Please read it thoroughly before beginning installation or use.

SETUP AND INSTALLATION

The iSpring RO600BN system features a tankless design, saving up to 70% of under-sink space, and is engineered for DIY-friendly installation. Follow these general steps for setup:

- **Preparation:** Ensure you have all components as listed in the package contents. Turn off the main water supply and relieve pressure from the existing faucet.
- **Faucet Installation:** Install the brushed nickel faucet on your sink.
- **System Placement:** Position the main RO unit under the sink, ensuring adequate space for connections and future

filter changes.

- **Water Connections:** Connect the feed water adapter to your cold water line. Connect the pure water line from the system to the new faucet. Install the drain saddle on the drain pipe for wastewater.
- **Power Connection:** Plug the system into a standard electrical outlet.
- **Initial Flush:** After installation, slowly turn on the water supply and check for leaks. Flush the system according to the detailed instructions in the included PDF manual to prepare it for use.

Effortless System Maintenance

RO600

 *Twist-and-lock design*

 *One button filter reset*

2s *filter replacement*



Diagram illustrating the under-sink installation of the iSpring RO600BN system, showing connections for pure water, drain, and power.



Tankless Design

saves space under-sink

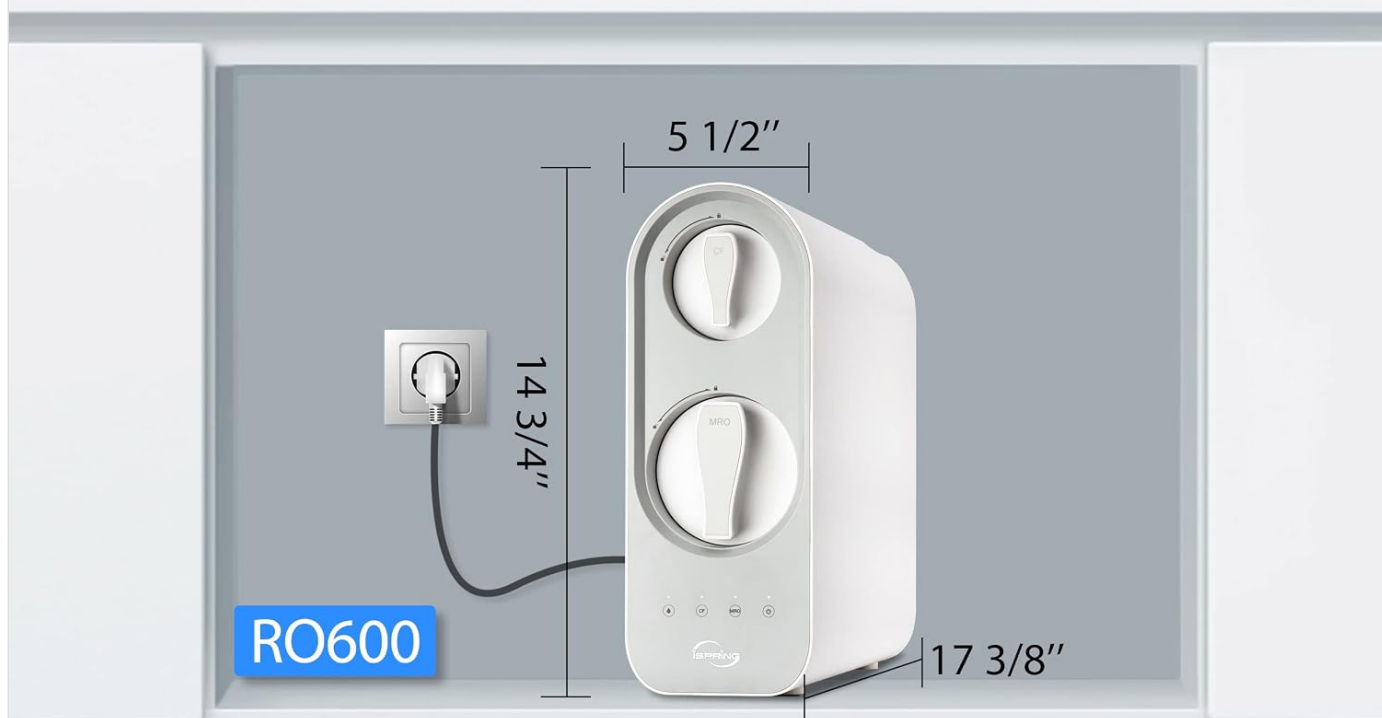


Image showing the compact tankless design of the iSpring RO600BN, highlighting its space-saving benefits under the sink with dimensions.

One Solution for All



Visual representation of the iSpring RO600BN package contents, including the main unit, filters, faucet, and installation accessories.

OPERATING INSTRUCTIONS

The iSpring RO600BN system is designed for simple operation, providing purified water on demand.

Water Dispensing:

To dispense purified water, simply open the dedicated brushed nickel faucet. The system's built-in booster pump ensures a fast flow rate of up to 0.4 GPM, filling an 8 oz cup in less than 10 seconds.

Faster Water Flow

with Less Waste Water **RO600 Tankless RO**



600
GPD

*Purified Water
on Demand*

Up to
0.4
gal/min

*Fills an 8oz
Cup in 10 seconds*

10
s/cup

1 : 2.5

Drain to Pure Ratio



Visual representation of the iSpring RO600BN's fast water flow (600 GPD, 0.4 gal/min) and efficient 2.5:1 pure to drain ratio.

Filtration Technology:

This system utilizes advanced multi-stage filtration to reduce up to 99% of over 1,000 contaminants. The 1st stage FCF600 composite filter removes odor, sand, rust, dirt, particles, chlorine, pesticides, and absorbs THMs. The 2nd stage MRO600 600 GPD high flow RO membrane reduces lead, fluoride, arsenic, asbestos, sodium, calcium, and odors, achieving a TDS rejection rate up to 99%.

RO600 Advanced Filter Set

- Effective filter combination
- High efficient filtration
- Quick filter replacement



1st-Stage **FCF600**

Utilizing a multi-layer design, the composite filter removes odor, sand, rust, dirt, particles, chlorine, pesticides, and absorbs THMs.



2nd-Stage **MRO600**

600 GPD high flow RO membrane is capable of removing up to 99% of over 1,000 contaminants including lead (up to 98%), fluoride, chlorine, arsenic, asbestos, hormones, calcium, sodium and more.

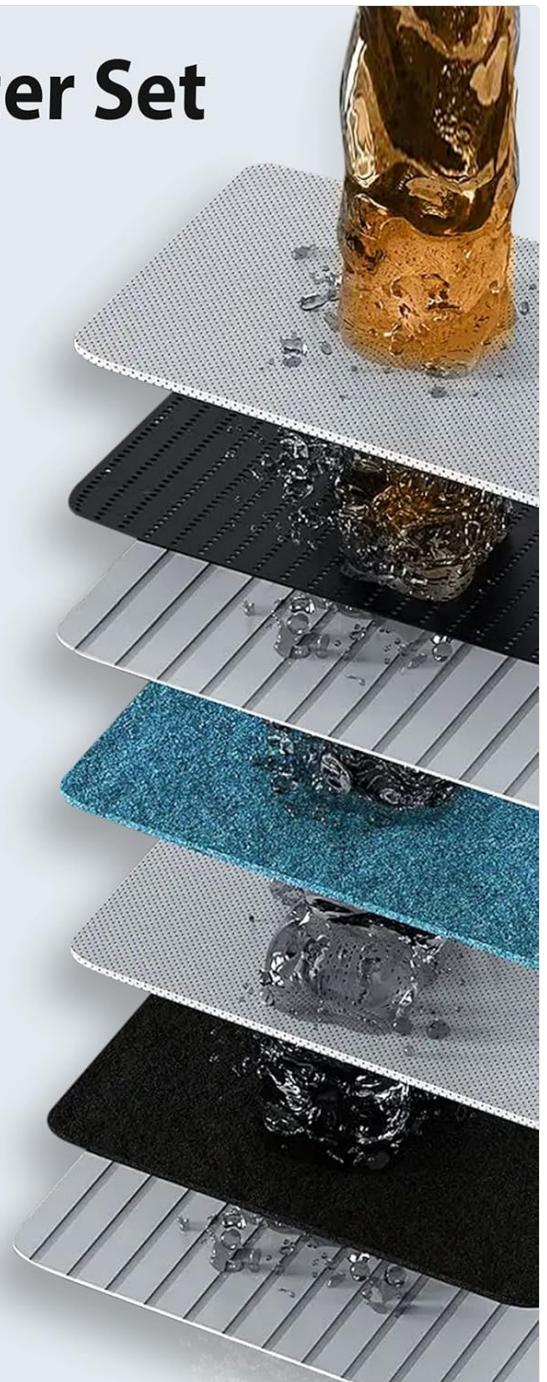


Image detailing the two-stage advanced filter set (FCF600 and MRO600) used in the iSpring RO600BN system, explaining their respective filtration capabilities.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your iSpring RO600BN system.

Filter Life Reminder:

The system features built-in LED indicators to track filter status in real-time. A white light indicates normal operation, a blinking white light signals less than 10% filter life remaining, and a red light indicates that filter replacement is needed. Compatible replacement filters are FCF600 (composite filter) and MRO600 (RO membrane).

RO600 SMART PANEL DESIGN

Tankless Reverse Osmosis Water Filtration System



Close-up of the iSpring RO600BN's smart panel design, showing status lights for filter service life (CF and MRO) and power, along with the filter service life reset button.

Filter Replacement:

Filters are designed for quick, tool-free replacement using a twist-and-lock mechanism. You do not need to shut off your water supply for filter changes. After replacing filters, press the filter service life reset button to reset the indicator.

Effortless System Maintenance

RO600

 *Twist-and-lock design*

 *One button filter reset*

2s filter
replacement



Illustration demonstrating the effortless filter replacement process for the iSpring RO600BN, highlighting the twist-and-lock design.

Automatic Self-Cleaning:

The system includes an automatic self-cleaning function that flushes the RO membrane after 24 hours of non-use. This feature helps extend the life of the RO membrane.

TROUBLESHOOTING

If you encounter issues with your iSpring RO600BN system, please refer to the detailed troubleshooting guide in the full user manual (PDF) available for download. Common issues may include:

- **Low Water Flow:** Check filter status indicators. Clogged filters are a common cause. Ensure adequate water pressure to the system.
- **Unusual Taste/Odor:** This often indicates that filters need replacement. Perform a system flush after filter changes.
- **Leaks:** Carefully inspect all connections. Ensure O-rings are properly seated and connections are tightened.
- **System Not Turning On:** Verify power connection and check the power outlet.

For complex issues or further assistance, please contact iSpring customer support.

SPECIFICATIONS

Feature	Detail
Product Dimensions	17.4"L x 5.5"W x 14.8"H
Item Weight	23.3 Pounds
Model Name	Reverse Osmosis Water Filtration System
Maximum Flow Rate	0.4 Gallons Per Minute
Installation Type	Under Sink
Power Source	DC Power Supply
Special Feature	Reverse Osmosis, Tankless
Shelf Life	2 Years (for filters, typically)

WARRANTY AND SUPPORT

The iSpring RO600BN system is constructed with BPA-free materials and is backed by a 1-year limited warranty upon registration. iSpring provides lifetime customer support from Georgia, USA, ensuring you have assistance whenever needed.

For detailed warranty information, product registration, or to contact customer support, please refer to the official iSpring website or the full user manual.

You can also download the comprehensive User Manual (PDF) for this product[here](#).

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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