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- › [Pureit](#) /
- › [Pureit 5 Series UR5440 RO Reverse Osmosis Water Purifier User Manual](#)

Pureit UR5440

Pureit 5 Series UR5440 RO Reverse Osmosis Water Purifier User Manual

Model: UR5440 | Brand: Pureit

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your Pureit 5 Series UR5440 Reverse Osmosis Water Purifier. Designed to deliver cleaner, safer, and more wholesome water, this tankless system utilizes advanced DURAViva filtration technology to reduce total dissolved solids (TDS) and heavy metals, ensuring high-quality purified water for your household.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Ensure the unit is connected to a grounded electrical outlet.
- Do not attempt to repair or modify the unit yourself. Contact qualified personnel for service.
- Keep the unit away from direct sunlight and heat sources.
- Ensure all connections are secure to prevent leaks.
- Do not drink water during the initial flushing process.

3. PRODUCT OVERVIEW

The Pureit 5 Series UR5440 is a compact, tankless reverse osmosis water purifier designed for under-sink installation. It features DURAViva filtration technology and is WQA Gold Seal-Certified for quality and safety.

Key Features:

- **DURAViva Filtration Technology:** Provides lasting filtration, maintaining performance even in hard water conditions, and filters up to 30% more water compared to systems without this technology.
- **WQA Gold Seal-Certified:** Certified to rigorous industry standards for quality, durability, and safety.
- **Tankless Design:** Up to 40% more compact than traditional RO tank purifiers, fitting discreetly under your sink.
- **Fast Flow Rate:** Fills a 6oz glass of purified water in approximately 8 seconds.
- **Multi-Stage Filtration:** Three primary filters provide five layers of filtration to reduce germs, bacteria, and remove 90% of total dissolved solids (TDS) and 99% of heavy metals (cadmium and lead).

- **Tool-Free Filter Replacement:** Filters can be changed in four simple snap-in, snap-out steps.
- **Filter Lifetime Indicator:** Notifies you when a filter needs replacement.
- **Lead-Free Materials:** Certified to NSF 372 standards.



Figure 3.1: Pureit 5 Series UR5440 RO Water Purifier with accompanying faucet.



Figure 3.2: Product dimensions showing the compact size of the Pureit UR5440 unit.

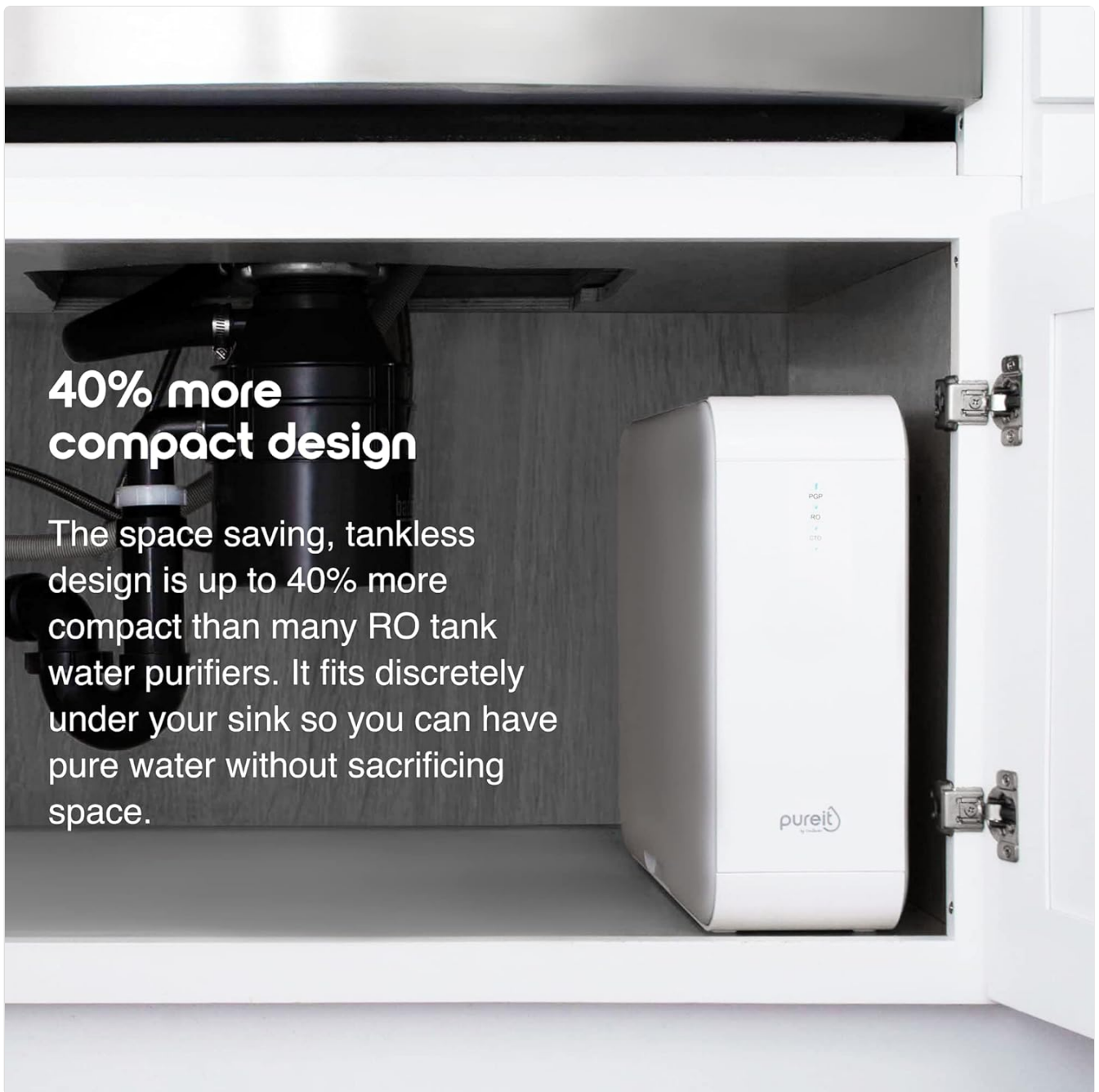


Figure 3.3: The tankless design allows for discreet and space-saving installation under the sink.

Filtration Technology:

The DURAViva filtration technology employs a multi-stage process to ensure water purity:

- **Pre-Filtration (PGP/Composite Filter):** The first three layers remove sediment and particulates before water reaches the RO filter.
- **Reverse Osmosis (RO) Filter:** A compact, 3-layer semi-permeable membrane with tiny pores (0.0001 micron) allows only purified water to pass through, effectively removing dissolved solids and heavy metals.
- **Carbon Block Filter (CTO):** The final stage removes odor and color, resulting in purer, cleaner water.

Our DURAViva Reverse Osmosis filtration technology is designed to provide lasting filtration. Even when tested in hard water conditions our performance is maintained to remove total dissolved solids (TDS) by 90% and heavy metals* by 99%.**



*Tested on cadmium and lead only.

**Testing was performed under standard laboratory conditions with water hardness of 230 - 270 mg/L, TDS 450 - 550 mg/L. Actual filter performance may vary. Measured up to 7000L (UR5640) and 4800L UR5440).

Figure 3.4: Internal view illustrating the PGP, CTO, and RO filter stages.



Figure 3.5: The filtration system is designed to reduce bacteria and viruses, providing safer water.

4. SETUP (INSTALLATION)

Proper installation is crucial for the optimal performance of your Pureit water purifier. It is recommended to have a qualified professional perform the installation if you are not comfortable with plumbing and electrical work.

Pre-Installation Requirements:

- An electrical outlet must be available under the sink.
- A 1-inch hole in the countertop is required for the faucet installation.

Initial System Flush:

Before first use, the system requires an initial flush to prepare the filters and ensure optimal water quality. This process involves disabling the self-protection mode and flushing the system for a total of 24 hours. During this flushing period, the water is not potable but can be used for other household purposes like watering plants.

To begin the flush:

1. Connect the power adapter to the unit and plug it into the wall outlet.

2. Immediately press and hold the 'Select' button for 5 seconds to disable self-protection mode.
3. Turn on the cold water supply valve and the feed water adapter, then open the Pureit faucet.
4. Check for any leaks at all connections. If leaks are present, turn off the faucet and purifier, then re-check tubing connections.
5. Set a timer and allow the Pureit faucet to run for 2 hours. The filter life indicator lights will turn blue during flushing.
6. After 2 hours, close the faucet and wait for 24 hours.
7. After the 24-hour waiting period, open the Pureit faucet again and flush the system for another 2 hours. Continue checking for leaks.
8. Finally, re-enable self-protection mode by unplugging the purifier and plugging it back into the power outlet. All three lights will flash, and the purifier will beep three times to indicate power is on. The purifier will then auto-flush for 20 seconds. Wait for this auto-flush to complete before turning on the faucet for drinking water.

Note: Official installation videos may be available from the manufacturer for visual guidance.

5. OPERATING INSTRUCTIONS

Once installed and flushed, your Pureit water purifier is ready for daily use.

Dispensing Water:

Simply turn on the dedicated Pureit faucet to dispense purified water. The system is designed to provide a constant fast flow rate, filling a 6oz glass in approximately 8 seconds.

Purer water without the wait

Pureit 5 Series is designed to provide a constant fast flow rate - so you can fill a 6oz glass with purified water in just 8 seconds*



Figure 5.1: Enjoy purified water on demand with the fast flow rate.

6. MAINTENANCE

Regular maintenance, primarily filter replacement, ensures the continued performance and longevity of your Pureit water purifier.

Filter Replacement:

The Pureit 5 Series features a convenient snap-in, snap-out design for filter replacement, requiring no tools. The filter lifetime indicator lights on the unit will notify you when a filter needs to be replaced.

Tool-free filter replacement

Easily change filters in four simple steps with our snap in, snap out design.



Figure 6.1: Filters are easily accessible for tool-free replacement.

Refer to the specific filter replacement instructions provided with your replacement filters for detailed steps.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Pureit water purifier.

Common Issues and Solutions:

- **No Water Flow or Slow Flow:**
 - Check if the cold water supply valve and feed water adapter are fully open.
 - Ensure the unit is properly plugged into a working electrical outlet.

- Verify that the filter lifetime indicators are not signaling a need for filter replacement.

- **Leaks:**

- Immediately turn off the water supply to the unit.
- Inspect all tubing connections for proper seating and tightness. Re-secure any loose connections.
- Check O-rings and seals on filters during replacement.

- **Unusual Taste or Odor:**

- This may indicate that filters need replacement. Refer to the filter lifetime indicators.
- Ensure the initial flushing process was completed as instructed.

If you encounter issues not listed here or if the problem persists, please contact Pureit customer support for further assistance.

8. SPECIFICATIONS

Attribute	Detail
Brand	Pureit
Model Name	UR5440
Installation Type	Undermount
Item Weight	18.3 Pounds
Product Dimensions	24.1 x 8.3 x 18.3 inches
Color	White
UPC	689122017051
Special Feature	Durability
Manufacturer	Blueair
First Available Date	September 20, 2021

9. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the official Pureit website or contact their customer service directly. As a Unilever family brand, Pureit is committed to providing reliable products and support. Contact information for Pureit customer support can typically be found on the product packaging or the official brand website.