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Waterdrop RF15 UF

Waterdrop RF15-UF Under Sink Water Filter Replacement Cartridge User Manual

Model: RF15-UF

Brand: Waterdrop

1. PRODUCT OVERVIEW

The Waterdrop RF15-UF is a 0.01 micron replacement filter cartridge designed for various Waterdrop under sink water filter systems. This filter is engineered to provide clean, safe, and healthy purified water by effectively reducing lead, chlorine, bad taste, and odor. It features an ultrafiltration membrane and activated carbon block for comprehensive filtration.





Image 1: Waterdrop RF15-UF Replacement Filter Cartridge. This image displays the black cylindrical filter cartridge with Waterdrop branding and model information.

2. COMPATIBILITY

This replacement filter is compatible with the following Waterdrop under sink water filter systems:

- Waterdrop 15UA/15UA-UF
- Waterdrop 15UB/15UB-UF
- Waterdrop 15UC/15UC-UF Inline Water Filter for Refrigerator

The filter supports all three connection methods, providing purified water from your original faucet, a dedicated faucet, or your refrigerator.



Image 2: Waterdrop Filter Compatibility Chart. This image illustrates different filter sizes and their corresponding compatible Waterdrop systems, indicating varying service lives (12, 24, 36 months).

3. FILTRATION TECHNOLOGY

The RF15-UF filter utilizes innovative multistage filtration to ensure high-quality water. Key features include:

- **0.01 Micron Ultrafiltration Membrane:** Effectively filters out most bacteria larger than 0.01 μm .
- **Activated Carbon Block:** Made from natural coconut shells, it reduces chlorine, taste, and odor.
- **Multi-stage Filtration:** Reduces heavy metals, chemical pollutants, sediment, and other large particles.
- **Enhanced Filtration Area:** An upgraded design provides a 20X increase in dirt adhesion area, improving filtration capability and minimizing clogging risk.

Extraordinary ultrafiltration membrane

4

stages
filtration

0.01

micron
ultrafiltration

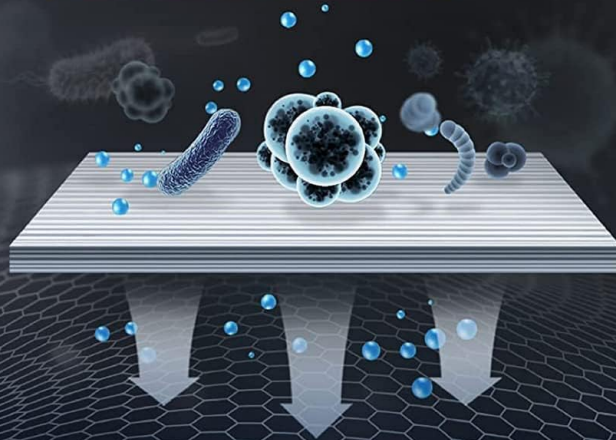
Bacteria

filtration

Upgrade



WD-RF15



*Information is based on Effectiveness of Membrane Filtration to Improve Drinking Water;
A Quasi-Experimental Study from Rural Southern India, Nov 2016.



Image 3: Waterdrop Ultrafiltration Membrane Technology. This graphic details the 4 stages of filtration, highlighting the 0.01 micron ultrafiltration and bacteria filtration capabilities.

Remains minerals, like **potassium, calcium, sodium, and magnesium.***

Remains minerals, like **potassium, calcium, sodium, and magnesium.***

Up to
97%

16,000
gallons

Polyester membrane

Activated carbon block

Ultrafiltration (UF) membrane

NOTE: Do not lower TDS

*Information is based on Drinking Water Treatment: Activated Carbon Filtration, Nov 2013.

*The service life mentioned above is subject to chlorine reduction. Actual result varies according to the local water quality.



Image 4: Waterdrop Filter Mineral Retention. This image explains how the filter reduces unwanted substances like chlorine (up to 97%) while retaining beneficial minerals such as potassium, calcium, sodium, and magnesium. It also notes that the filter does not lower TDS.

The Waterdrop RF15-UF filter features a twist-and-lock design for quick and tool-free installation and replacement. This process can typically be completed in 3 seconds.

1. Turn off the water supply to your under sink filter system.
2. Twist the old filter cartridge counter-clockwise to unlock and remove it.
3. Insert the new filter cartridge into the system.
4. Twist the new cartridge clockwise to lock it into place.
5. Turn on the water supply and check for any leaks.
6. Flush the new filter with water for a few minutes as per your system's instructions to remove any carbon fines.

Simple replacement



Image 5: Waterdrop Simple Filter Replacement Steps. This image visually demonstrates the 3-second twist-to-replace and twist-to-install process for the filter cartridge.

4.2. Installation and Replacement Video

Video 1: Easy to replace! This video demonstrates the simple twist-and-lock mechanism for replacing the Waterdrop under sink filter cartridge, showing the quick removal of an old filter and installation of a new one.

5. OPERATING INSTRUCTIONS

Once installed, the Waterdrop RF15-UF filter provides a continuous supply of filtered water. Simply open your compatible faucet or refrigerator dispenser to access purified water. The system is designed to maintain a stable and adequate water supply, ensuring fast water flow.



Image 6: Waterdrop Stable Water Flow. This image highlights the consistent and fast water flow provided by the filter system, indicating that a cup of water can be obtained in 2 seconds.

6. MAINTENANCE

For optimal performance and water quality, regular replacement of the filter cartridge is essential. The RF15-UF filter has an ultra-long service life.

- **Service Life:** Up to 2 years or 19,000 gallons when used with municipal water. Actual results may vary based on local water quality.
- **Replacement:** Replace the filter cartridge every 2 years or 19,000 gallons, whichever comes first.

6.1. Filter Replacement Video

Video 2: Waterdrop Filter: 35 Months Later Review + Replacement. This video provides a long-term review of the Waterdrop filter and demonstrates the replacement process, highlighting its ease of use.

7. TROUBLESHOOTING

If you experience issues such as reduced water flow or changes in water taste/odor, consider the following:

- **Reduced Flow:** The filter may be nearing the end of its service life or experiencing clogging due to high sediment in your water. Replace the filter cartridge.
- **Taste/Odor Issues:** This indicates the filter's capacity to remove contaminants is diminishing. Replace the filter cartridge.
- **Leaks:** Ensure the filter cartridge is properly seated and locked into the system. Check all connections for tightness.

For further assistance, please contact Waterdrop customer service.

**If you have any questions,
please contact our
customer service**

Questions about installation?

- Please ask us.

Questions about compatibility?

- Please ask us.



Image 7: Waterdrop Customer Service Contact Information. This image encourages users to contact customer service for questions regarding installation or compatibility.

8. SPECIFICATIONS

Attribute	Value
Material	Carbon Fiber
Product Dimensions	3.6"D x 3.6"W x 15"H
Item Weight	1.9 Pounds
External Testing Certification	Tested by third party laboratory (NSF/ANSI 42, NSF/ANSI 53)
Product Benefits	Removes Lead, Reduces Chlorine, Removes Bacteria, Reduces Sediment
Unit Count	1.0 Count
Compatible Water Purifier Models	Waterdrop WD-15UA, Waterdrop WD-15UA-UF, Waterdrop WD-15UB, Waterdrop WD-15UB-UF, Waterdrop WD-15UC-UF
Service Life	Up to 2 years or 19,000 gallons




9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or any technical support, please refer to the official Waterdrop website or contact their customer service directly. Waterdrop is committed to ensuring customer satisfaction and provides support for their products.

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Related Documents - RF15 UF

	<p>Waterdrop Direct Connect Undersink Water Filtration System Installation and User Guide</p> <p>Comprehensive guide for installing and using the Waterdrop Direct Connect Undersink Water Filtration System (Model: WD-15UA). Includes parts list, specifications, installation steps, troubleshooting, and warranty information.</p>
	<p>Waterdrop WD-UB Undersink Water Filtration System Installation Instructions</p> <p>Comprehensive installation guide for the Waterdrop WD-UB Quick Connect Undersink Water Filtration System. Includes specifications, step-by-step instructions, troubleshooting FAQs, and performance data.</p>
	<p>Waterdrop Undersink Water Filter Replacement: Installation Guide & FAQs</p> <p>Get detailed installation instructions and answers to frequently asked questions for Waterdrop replacement filters (WD-RF10, WD-RF15, WD-RF17 series) for undersink water filtration systems. Learn how to install, replace, and troubleshoot your filter for optimal performance.</p>

	<p>Waterdrop Replacement Filter Installation Instructions</p> <p>Comprehensive installation guide for Waterdrop replacement filters for undersink water filtration systems, including specifications, precautions, filter replacement steps, and frequently asked questions.</p>
	<p>Waterdrop Direct Connect Undersink Water Filtration System Installation and Use Guide</p> <p>Comprehensive guide for installing and using the Waterdrop Direct Connect Undersink Water Filtration System, model WD-UB. Includes parts list, specifications, installation steps, troubleshooting, and filter replacement instructions.</p>
	<p>Waterdrop WD-FC-02 Ultrafiltration Faucet Filtration System Owner's Manual</p> <p>Comprehensive owner's manual for the Waterdrop WD-FC-02 faucet filtration system, detailing installation, usage, maintenance, specifications, warnings, and warranty information.</p>