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› [Waterdrop 17UB-UF 0.01 µm Ultra Filtration Under Sink Water Filter System Instruction Manual](#)

Waterdrop WD-17UB-UF

Waterdrop 17UB-UF 0.01 µm Ultra Filtration Under Sink Water Filter System

Model: WD-17UB-UF

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Waterdrop 17UB-UF 0.01 µm Ultra Filtration Under Sink Water Filter System. Please read this manual thoroughly before installation and retain it for future reference. Proper installation and maintenance are crucial for optimal performance and longevity of the system.

SAFETY INFORMATION

- Connect the system only to a cold water supply. Do not connect to a hot water line.
- Ensure all connections are secure to prevent leaks.
- Do not expose the filter system to freezing temperatures.
- The system is designed for municipal water. If using well water, ensure it is tested and pre-treated if necessary.
- The activated carbon in the filter is made from natural coconut shells. If you have allergies, please confirm suitability.
- Maintain a minimum of 21.5 inches of vertical under-sink space for proper installation.

PRODUCT OVERVIEW

The Waterdrop 17UB-UF system utilizes 0.01 µm ultrafiltration technology to provide clean, great-tasting water directly from a dedicated faucet. It is designed to reduce chlorine, taste, odor, heavy metals, chemical impurities, sediment, and other large particles. The system includes a lead-free brushed stainless steel faucet and features an innovative multistage filtration process.





Waterdrop 17UB-UF Under Sink Water Filter System with dedicated faucet.

Key Features:

- **0.01 µm Ultrafiltration:** Effectively reduces various contaminants for improved water quality.
- **Long Filter Lifespan:** Up to 36 months or 24,000 gallons when used with municipal water.
- **Multistage Filtration:** Tested by third-party laboratories against NSF/ANSI 42 and 53 standards for chlorine, taste, odor, and lead reduction.
- **Clogging Prevention:** Features a 20X increased dirt adhesion area to enhance filtration and minimize clogging.
- **Fast Flow Rate:** Delivers 0.75 gallons per minute (gpm) at 60 psi.
- **Premium Materials:** Constructed with BPA-free and lead-free components.

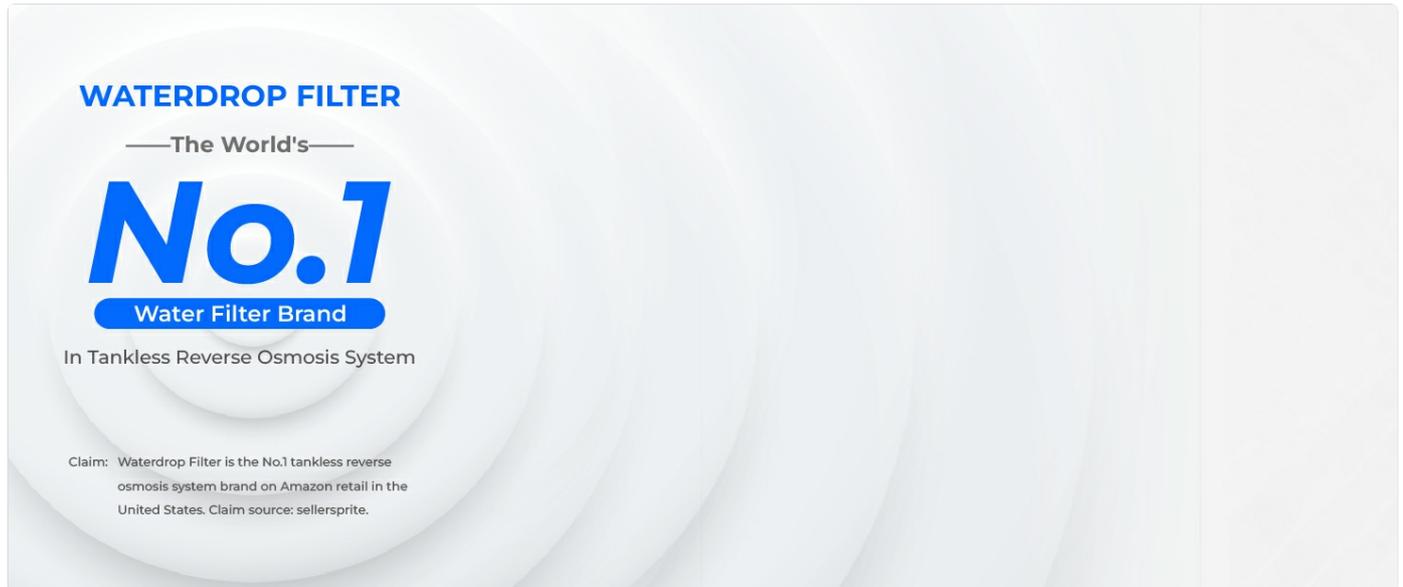


Diagram illustrating the Waterdrop 17UB-UF system's filtration capabilities, showing reduction of harmful substances like lead, chlorine, and bad taste, with dimensions and a dedicated faucet.

An infographic with a white background and a blue curved bottom. It features three main statistics: '82+' Available in 82+ Countries, '200+' Authoritative certifications 200+, and '10M+' Serves 10M+ Families. Below these are eight certification logos: EU food-grade Certification, NSF International, ETL Intertek Certification, EU CE Certification, UK WRAS Approval, NSF/ANSI 42 Certification, NSF/ANSI 53 Certification, and US FCC Certification. At the bottom, the slogan 'Filter Better Live Healthier' is written in white on a blue background.

Visual representation of the 0.01 µm ultrafiltration process, showing how it removes chlorine, bad taste, odor, lead, sediments, rust, harmful substances, and large particles.

SETUP AND INSTALLATION

The Waterdrop 17UB-UF system is designed for easy DIY installation, typically taking less than 3 minutes with its innovative push-to-connect fittings. A full installation kit is included.

Pre-Installation Checklist:

- Ensure you have at least 21.5 inches of vertical space under your sink.
- Confirm the system will be connected only to a cold water supply line.
- Gather basic tools: adjustable wrench, drill (if a new faucet hole is needed), bucket, towel.

Installation Steps:

1. **Turn off Water Supply:** Locate and turn off the cold water supply valve under your sink. Open the existing faucet to relieve pressure.
2. **Install Dedicated Faucet:** If a new hole is required for the dedicated faucet, drill a hole in your countertop or sink. Secure the faucet according to the included instructions.
3. **Connect Feed Water Adapter:** Disconnect the cold water line from your existing faucet. Install the feed water adapter (3/8"-1/2" convertor fitting included for compatibility) to the cold water supply valve. Reconnect the existing faucet's cold water line to the adapter.
4. **Mount Filter System:** Choose a suitable location under the sink, ensuring the 21.5-inch vertical clearance. Mount the filter head securely.
5. **Connect Tubing:** Connect the provided tubing from the feed water adapter to the 'IN' port of the filter head. Connect another piece of tubing from the 'OUT' port of the filter head to the dedicated faucet. Ensure all push-to-connect fittings are fully inserted.
6. **Insert Filter:** Align the filter cartridge with the filter head and twist-and-lock it into place.
7. **Check for Leaks:** Slowly turn on the cold water supply. Check all connections for any signs of leakage.
8. **Flush System:** Open the dedicated faucet and let water run for 5-10 minutes to flush out air and carbon fines.

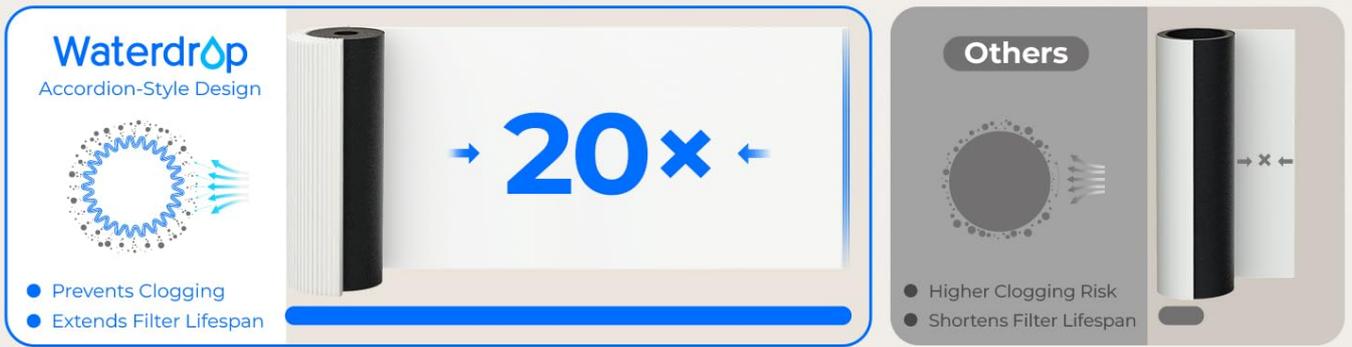
Note: If you require a female threaded connector for your specific plumbing setup, please contact Waterdrop customer support.



Installation guide showing the 3-minute DIY setup process for the Waterdrop filter, including connecting to cold water only, using a 3/8"-1/2" converter, and the need for countertop drilling for the dedicated faucet.

20× Larger Filtration Surface, 20× More Dirt Adsorption

Longer freshness, purer water



* 20× adsorption surface is compared to standard single-layer PP filters, based on Waterdrop laboratory test data.

Diagram illustrating the dimensions of the Waterdrop filter and the required under-sink space, showing both vertical and horizontal installation options.

OPERATING INSTRUCTIONS

Once installed, your Waterdrop 17UB-UF system provides filtered water on demand through its dedicated faucet. The system is designed for continuous use in various settings.

- **Daily Use:** Simply open the dedicated faucet to dispense filtered water for drinking, cooking, or other household needs.
- **Flow Rate:** The system delivers a fast and stable flow rate of 0.75 gpm at 60 psi, ensuring quick access to pure water.
- **Initial Flush:** After installation or filter replacement, run water for 5-10 minutes to ensure optimal taste and performance.
- **Infrequent Use:** If the system is not used for 3-5 days, flush it for approximately 1 minute before consuming water to ensure fresh taste.

3-Sec Filter Swap, Easy Maintenance

Twist-and-Pull Design
All-in-One Filter, Cleaner Use
0 Leakage

Waterdrop
Model: WD-RF17-UF

Other Brand
Risk of Contamination

Vs

Collage showing various applications of filtered water: drinking, cooking, cleaning, and camping, demonstrating the versatility of the Waterdrop system.

MAINTENANCE

Regular filter replacement is the primary maintenance requirement for your Waterdrop system to ensure continued high-quality filtration.

Filter Replacement:

- **Replacement Schedule:** The filter (Model: WD-RF17-UF) should be replaced every 36 months or after 24,000 gallons of use, whichever comes first. Actual lifespan may vary based on water quality and usage.
- **Easy Swap:** The system features a twist-and-lock design for a quick 3-second filter swap without the need for tools.

Replacement Steps:

1. **Turn off Water Supply:** Close the cold water supply valve to the filter system.
2. **Release Pressure:** Open the dedicated faucet to release any remaining pressure in the system.
3. **Remove Old Filter:** Twist the old filter cartridge counter-clockwise to unlock it, then pull it down to remove.
4. **Install New Filter:** Remove the protective cap from the new WD-RF17-UF filter. Insert the new filter into the filter head and twist clockwise until it locks securely into place.
5. **Restore Water Supply:** Slowly turn on the cold water supply valve.
6. **Flush System:** Open the dedicated faucet and let water run for 5-10 minutes to flush the new filter. Check for leaks.

0.01 μm Ultrafiltration for Better-Tasting Water



Chlorine Bad Taste* Odor* Lead*

Sediments* Rust* Harmful Substance* Large Particles*

* Tested by a third-party lab.

Image demonstrating the 3-second filter swap with a twist-and-pull design, highlighting the all-in-one filter for cleaner use and zero leakage.

Check Dimensions Before You Buy

Works both horizontally and vertically



Horizontal or Vertical, it always works.

16oz Coffee Mug (4" diameter)

52oz Liquid Dish Soap (11.2" height)

3/4 HP Garbage Disposal (8.25" top diameter, 12.25" height)

19.1" (filter height)

3.6" (filter base width)

3.9" (filter top width)

8.25" (filter top diameter)

0.6x 17UB-UF's Height

Graphic detailing the 36-month ultra-long lifespan of the filter.

TROUBLESHOOTING

If you encounter issues with your Waterdrop 17UB-UF system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Slow water flow from faucet	Clogged filter cartridge; Low incoming water pressure; Kinked tubing.	Replace the filter cartridge (WD-RF17-UF). Ensure incoming water pressure is adequate (minimum 15 psi). Check tubing for kinks and straighten if found.
Water has an unusual taste or odor	Filter needs replacement; Initial flush not completed; Contaminants in source water.	Replace the filter cartridge. Flush the system for 5-10 minutes. If problem persists, contact Waterdrop support.
Leaks at connections	Loose fittings; Improperly inserted tubing; Damaged O-rings.	Ensure all push-to-connect fittings are fully inserted. Tighten threaded connections carefully. Inspect O-rings for damage and replace if necessary.
No water from faucet	Water supply turned off; Severely clogged filter; Kinked tubing.	Check if the cold water supply valve is open. Replace filter cartridge. Check and straighten tubing.

Your browser does not support the video tag.

Official product video demonstrating the features and benefits of the Waterdrop 17UB-UF Under Sink Water Filter System.

SPECIFICATIONS

Feature	Detail
Brand	Waterdrop
Model Name	WD-17UB-UF
Purification Method	Ultra Filtration
Filtration Accuracy	0.01 µm
Filter Lifespan	36 Months or 24,000 Gallons
Replacement Filter	WD-RF17-UF
Product Dimensions (L x W x H)	3.9" x 3.6" x 19.1"
Minimum Vertical Clearance	21.5"
Installation Type	Under Sink
Item Weight	4.62 Pounds
Maximum Flow Rate	0.75 Gallons Per Minute (at 60 psi)
Material	BPA-FREE, Lead-Free
Included Components	Filter, Faucet

3-Minute DIY Setup, No Plumbers Required

Full installation kit included

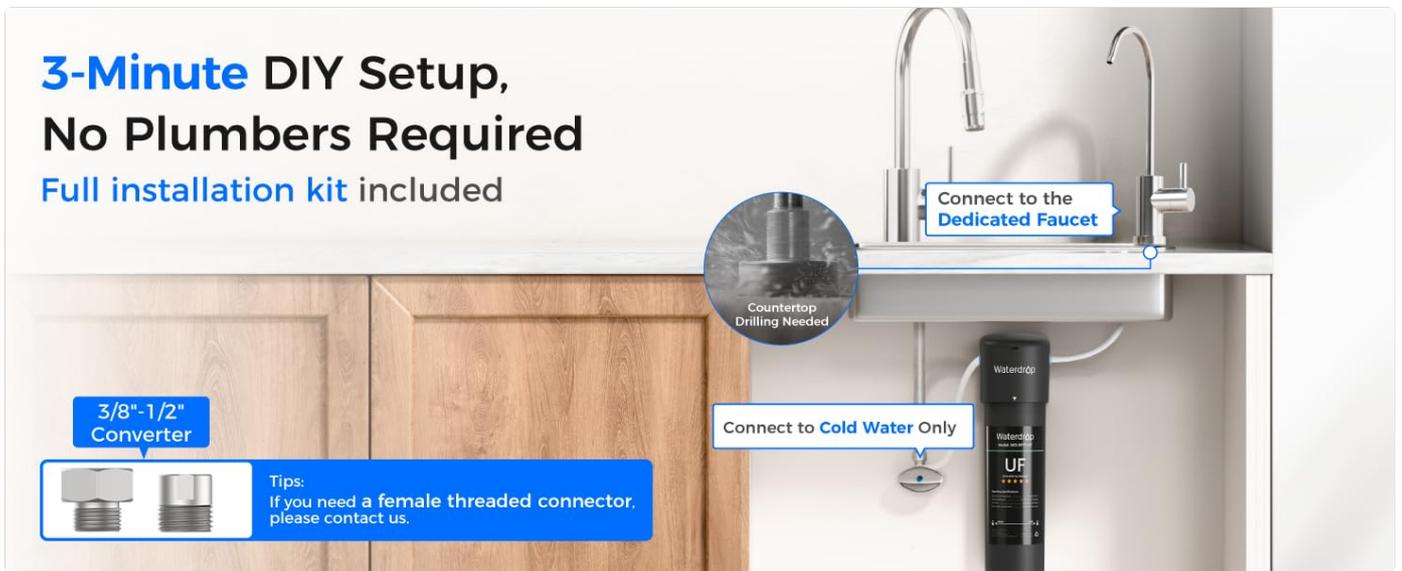


Image highlighting the sturdy construction of the filter, mentioning 300 PSI pressure test and 100,000+ impulse test for durability.

WARRANTY AND SUPPORT

Warranty:

The Waterdrop 17UB-UF Under Sink Water Filter System comes with a **1-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, installation questions, or to inquire about specific parts (e.g., female threaded connectors), please contact Waterdrop customer support. Refer to the contact information provided on the Waterdrop official website or product packaging.