

[Manuals.plus](#) /

› [Waterdrop](#) /

› Waterdrop AS08 Stainless Steel Under Sink Water Filter System Instruction Manual

Waterdrop AS08

Waterdrop AS08 Stainless Steel Under Sink Water Filter System Instruction Manual

Model: AS08 (WD-8008A)

1. PRODUCT OVERVIEW

The Waterdrop AS08 Stainless Steel Under Sink Water Filter System is designed to provide filtered water directly from your existing kitchen faucet. It features a durable 304 stainless steel housing and a high-capacity activated carbon filter to reduce various contaminants while retaining beneficial minerals.



Image 1.1: Waterdrop AS08 Stainless Steel Under Sink Water Filter System with connection hoses and adapters.

Key Features:

- **Durable Construction:** 304 stainless steel housing, lead-free and food-grade, corrosion-proof and compression-proof.
- **Effective Filtration:** 0.5 µm coconut shell activated carbon block reduces chlorine, lead, fluoride, hydrogen sulfide, and heavy metals. Retains beneficial minerals like potassium, calcium, sodium, and magnesium.
- **Long Service Life:** Up to 8,000 gallons or 12-24 months, depending on water quality.
- **High Flow Rate:** Up to 1.6 GPM (Gallons Per Minute).
- **Easy Installation:** Connects directly to existing kitchen faucet lines, no drilling required for a separate faucet.

Important Note: The filter is pre-installed upon receipt. Do not disassemble it before initial use. The included wrench is for future filter replacements only. This system is not designed for Total Dissolved Solids (TDS) reduction.

2. PACKAGE CONTENTS

Verify that all components are present before beginning installation.



Image 2.1: Diagram showing the complete accessories pack for the Waterdrop AS08 filter system.

- Filter housing (1)
- Bracket (1)
- Filter head (1)
- Filter (1) (pre-installed)
- Plastic shrink ring (2)
- Fastening ring (1)
- 3/8" and 1/2" feed water adapter (1)
- 3/8" inlet tube (2)
- Teflon tape (1)

- Wrench (1)
- Drill sticker (1) (for optional mounting)
- Screw (2) (for optional mounting)
- Lock clip (2)

3. INSTALLATION GUIDE

This system is designed for easy installation under your sink, connecting directly to your existing kitchen faucet. No drilling into your countertop is typically required.

Before You Begin:

- Ensure you have adequate space under your sink (dimensions: 12 inches x 4.1 inches).
- Turn off the cold water supply valve under your sink.
- Open your kitchen faucet to relieve water pressure and drain any remaining water.
- Have a towel and a bucket ready to catch any drips.

Installation Steps:

1. **Disconnect Cold Water Line:** Disconnect the existing cold water supply line from your kitchen faucet to the cold water supply valve.
2. **Install Adapters:**
 - Apply Teflon tape to the threads of the 1/2"-3/8" feed water adapter.
 - Connect the adapter to the cold water supply valve.
 - Connect the original cold water supply line to the adapter.
3. **Connect Inlet Tube to Adapter:** Connect one end of the provided 3/8" inlet tube to the remaining port on the feed water adapter. Secure with a lock clip.
4. **Connect Inlet Tube to Filter System:** Connect the other end of the 3/8" inlet tube to the "IN" port on the filter head. Ensure a secure connection and use a lock clip.
5. **Connect Outlet Tube to Faucet:** Connect the second 3/8" inlet tube to the "OUT" port on the filter head. Connect the other end of this tube to the cold water inlet of your kitchen faucet. Secure with lock clips.
6. **Mount the Filter (Optional):** The system can stand freely. If desired, use the drill sticker and screws to mount the bracket to the cabinet wall under the sink, then secure the filter housing to the bracket.
7. **Check for Leaks:** Slowly turn on the cold water supply valve. Check all connections for leaks. Tighten any leaking connections gently.
8. **Flush the System:** Let the water run from your kitchen faucet for 10 minutes to flush the new filter. This removes air and carbon fines.

Consistent Water Flow for Multiple Uses



Image 3.1: Diagram illustrating the under-sink installation of the Waterdrop AS08 filter system, showing connections to the existing faucet.

4. OPERATING INSTRUCTIONS

Once installed and flushed, your Waterdrop AS08 system is ready for use. Simply open your cold water faucet to dispense filtered water.

Water Filtration Performance:

The 0.5 µm micropore coconut shell activated carbon block effectively reduces a wide range of contaminants:

- Chlorine
- Lead
- Fluoride
- Hydrogen Sulfide
- Heavy Metals
- Bad Taste and Odor
- Cysts

- Organic Compounds

The system is designed to retain beneficial minerals such as potassium, calcium, sodium, and magnesium, which contribute to the taste and health benefits of your water. It does not reduce Total Dissolved Solids (TDS).

Optimal Filtration Performance

Chlorine

Lead

Chemicals

Heavy metals

Organic compound

Dirt

Cyst

Odor

Organism

More

*The data comes from a third-party lab.

Image 4.1: Diagram illustrating the filtration capabilities of the Waterdrop AS08 filter, showing reduction of various contaminants.

Flow Rate:

The system provides a consistent water flow of up to 1.6 Gallons Per Minute (GPM), ensuring quick access to filtered water for various household needs.

5. MAINTENANCE AND FILTER REPLACEMENT

Regular filter replacement is crucial for maintaining optimal filtration performance and water quality.

Filter Lifespan:

The filter has a lifespan of up to 8,000 gallons or 12-24 months. For best performance, it is recommended to

replace the filter every 12 months. Actual lifespan may vary based on local water quality and usage.



Image 5.1: Comparison illustrating the 8,000-gallon or 1-year lifespan of the Waterdrop AS08 filter.

Replacement Filter:

When it's time to replace the filter, search for model number B08X46N831. The stainless steel housing is reusable, reducing plastic waste.

Filter Replacement Steps:

1. **Turn Off Water Supply:** Close the cold water supply valve under your sink.
2. **Relieve Pressure:** Open your kitchen faucet to release any remaining water pressure.
3. **Remove Housing:** Use the provided wrench to unscrew the filter housing from the filter head. Turn counter-clockwise.
4. **Remove Old Filter:** Carefully remove the old filter cartridge from the housing. Dispose of it properly.
5. **Clean Housing:** Rinse the inside of the filter housing with clean water.
6. **Install New Filter:** Insert the new filter cartridge into the housing, ensuring it is seated correctly.
7. **Reassemble Housing:** Screw the filter housing back onto the filter head. Hand-tighten, then use the

wrench for a final quarter-turn to ensure a snug fit. Do not overtighten.

- 8. **Restore Water Supply:** Slowly turn on the cold water supply valve.
- 9. **Flush New Filter:** Run water from your kitchen faucet for 5-10 minutes to flush the new filter and remove any air or carbon fines. Check for leaks.

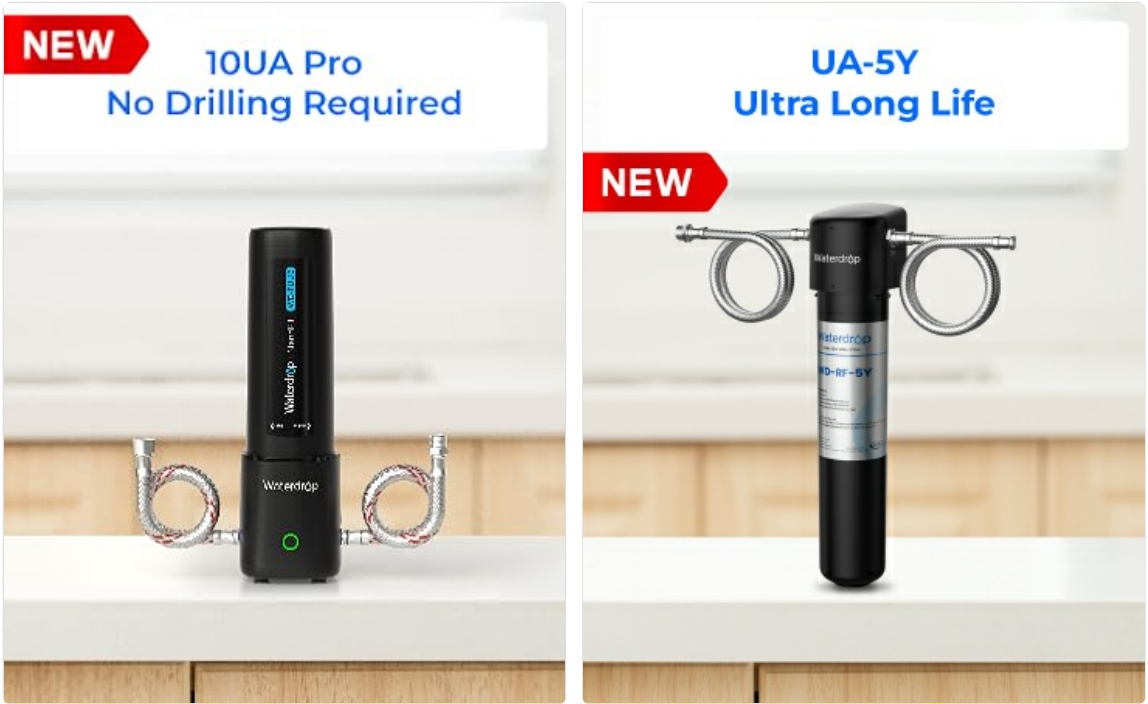


Image 5.2: Visual guide for removing the filter housing and replacing the filter cartridge.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Waterdrop AS08 filter system.

Problem	Possible Cause	Solution
Low Water Flow	• Clogged filter cartridge • Air trapped in the system • Partially closed water supply valve	• Replace the filter cartridge if it's near or past its lifespan. • Flush the system by running water for several minutes to release air. • Ensure the cold water supply valve is fully open.
Water Leaks	• Loose connections • Improperly seated O-rings or filter • Damaged O-rings	• Turn off water supply, then check and gently tighten all connections. • Ensure the filter cartridge is correctly seated and O-rings are in place. • Inspect O-rings for damage; replace if necessary.

Problem	Possible Cause	Solution
Bad Taste or Odor in Filtered Water	- Filter cartridge needs replacement - Initial carbon fines	- Replace the filter cartridge. - Flush the system thoroughly for 10-15 minutes.

If you experience persistent issues not covered here, please contact Waterdrop Customer Service for assistance.

7. SPECIFICATIONS

Attribute	Detail
Brand	Waterdrop
Model Name	AS08 (WD-8008A)
Installation Type	Under Sink
Housing Material	304 Stainless Steel
Filter Lifespan	8,000 gallons or 12-24 months (recommended 12 months)
Maximum Flow Rate	1.6 Gallons Per Minute (GPM)
Product Dimensions	4.09"L x 4.09"W x 12"H
Item Weight	3.72 Pounds
Upper Temperature Rating	100 Degrees Fahrenheit
Filtration Micron Rating	0.5 µm
Replacement Filter ASIN	B08X46N831

304 Stainless Steel Housing



Anti-corrosion



Compression-proof



Anti-abrasion



Easy to clean

304



Image 7.1: Features of the 304 stainless steel housing, highlighting anti-corrosion, compression-proof, anti-abrasion, and easy-to-clean properties.

Upgraded Thickness, Durable Design



Image 7.2: Illustration of the filter's upgraded thickness (0.16 inch strong material) and improved dual sealing rings for durability and leak prevention.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or contact Waterdrop Customer Service directly. The EU Spare Part Availability Duration is 1 year.

Customer Service:

If you have any questions regarding installation, filter replacement, troubleshooting, or any other product-related inquiries, please contact Waterdrop customer service.

If you have any questions, please contact our customer service



Have questions about the installation?

- Please contact us!

Have questions about the filters?

- Please contact us!

Any questions at all?

- Please contact us!



Image 8.1: Information on contacting Waterdrop customer service for assistance.

You can typically find contact details on the Waterdrop official website or through the retailer where you purchased the product.