

[Manuals.plus](#) /

› [Waterdrop](#) /

› Waterdrop X8-PRO Dual Flow Reverse Osmosis Water Filter User Manual

Waterdrop WD-X8W

Waterdrop X8-PRO Dual Flow Reverse Osmosis Water Filter User Manual

Model: WD-X8W

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Waterdrop X8-PRO Dual Flow Reverse Osmosis Water Filter System. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The Waterdrop X8-PRO is an 800 GPD tankless RO system featuring 9-stage filtration, designed for undersink installation. It includes an LED faucet and is BPA-free, providing both pure RO water and filtered water for various kitchen needs.

IMPORTANT SAFETY INFORMATION

- Ensure all connections are secure to prevent leaks.
- The system requires an under-sink electrical outlet.
- Faucet installation requires drilling holes in the countertop.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Operating temperature range: 41°F (5°C) to 100°F (38°C).
- Maximum supported water TDS level: 500 PPM.

INCLUDED COMPONENTS

The Waterdrop X8-PRO system package includes the following items:

- Waterdrop X8-PRO RO System Unit
- Replacement Filters (F1G, F2W, F3)

- Smart Faucet with LED display
- User Manual (this document)
- Necessary tubing and connectors for installation



Image: Waterdrop X8-PRO RO System unit with the smart faucet.

SETUP AND INSTALLATION

The Waterdrop X8-PRO system is designed for undersink installation and typically takes about 30 minutes to set up. Proper installation is crucial for optimal performance and to prevent leaks.

Pre-Installation Checklist:

- Verify you have all included components.
- Ensure sufficient space under your sink for the unit (Dimensions: 18.2"L x 6.25"W x 16.72"H).
- Confirm an available under-sink electrical outlet.

- Prepare for drilling two holes in the countertop for the RO faucet and drain pipe connection.

Tankless Design Cleaner & More Space-Saving

Easy 30-min setup

Tankless RO Cleaner under sink area

Modern Stylish look



Image: Tankless design of the Waterdrop X8-PRO system installed under a sink, showing dimensions.

Installation Steps Overview:

1. **Prepare the Installation Area:** Clear the space under your sink. Turn off the cold water supply.
2. **Install the RO Faucet:** Drill a hole in your countertop (if not pre-drilled) and mount the smart RO faucet.
3. **Connect the Feed Water Adapter:** Install the feed water adapter to your cold water line.

4. **Install the Drain Saddle:** Attach the drain saddle to the drain pipe.
5. **Connect Tubing:** Connect the pure water, drain, and inlet tubing to the corresponding ports on the RO system and faucet. Ensure tubing is fully inserted until it reaches the mark and lock clips pop up to prevent leaks.
6. **Install Filters:** Insert the F1G, F2W, and F3 filters into their respective slots.
7. **Power On:** Plug the system into the electrical outlet.
8. **Flush the System:** Follow the initial flushing procedure outlined in the detailed manual to prepare the system for use.

For a comprehensive visual guide, please refer to the installation video below:



Video: Detailed instructions on how to install the Waterdrop X8-PRO Reverse Osmosis System.

OPERATING INSTRUCTIONS

The Waterdrop X8-PRO provides an innovative dual water flow system for various kitchen needs.



Video: Overview of the Waterdrop X8-PRO Tankless Reverse Osmosis Water Filter features.

Dual Water Flow System:

The Waterdrop X8-PRO features an innovative dual water flow design, providing two types of water:

- **Pure RO Water:** Delivered through the dedicated smart RO faucet for drinking and cooking. This water undergoes 9-stage filtration.
- **Filtered Water:** Delivered through your existing kitchen faucet for washing dishes, fruits, and vegetables. This water undergoes 5-stage filtration, reducing chlorine and odor.

Pure & Filtered Shields Your Family Each Flow

Upgraded dual-flow system
designed for all water needs

RO Faucet

Pure RO Water

- Healthier drinking
- Tastier meals

Your Faucet

Filtered Water

- Washing dishes
- Washing fruits

Reduced:
PFAS
Lead
TDS

Reduced:
Chlorine
Odor

*Please note: We only provide one included faucet.
The existing faucet is the one in your home; the image is for reference only.

Image: Illustration of the dual water flow system, distinguishing between pure RO water from the smart faucet and filtered water from the existing kitchen faucet.

Smart Faucet Features:

The included smart faucet provides real-time information:

- **TDS Monitor:** Displays the Total Dissolved Solids (TDS) level of the pure RO water.
- **Filter Reminder:** Indicates when filters need replacement to ensure continuous water quality.

- **Fault Alert:** Notifies you of any system malfunctions.

Smart Faucet Design Shields Your Family



TDS Monitor
Real-time display



Filter Reminder
Ensure water quality



Fault Alert
Worry-free usage



Image: Close-up of the smart faucet display showing TDS levels and filter life indicators.

High Flow Rate and Water Efficiency:

The 800 GPD (Gallons Per Day) capacity ensures a high flow rate, providing instant pure water without waiting. The system also boasts a 2:1 purified water ratio, minimizing water waste compared to traditional RO systems.

Saves Time & Water

High flow rate & less wasted water



800 GPD

Fill a cup in **5s**

2:1 Purified Water Ratio
Water-saving choice



* The diagram shows the amount of water filled in 5s at a flow rate of 800G. And a cup of water has a volume of 6oz.

Image: Visual representation of the 800 GPD flow rate and the 2:1 purified water to wastewater ratio.

Connecting to Other Appliances:

The Waterdrop X8-PRO can be connected to other kitchen appliances for complete water purification. An optional XT Kit may be required for certain connections.

- **Refrigerator:** Provides stable pure water for ice makers and water dispensers.
- **Dishwasher:** Supplies filtered water for cleaner dishes and reduced scale buildup.

- **Ice Maker:** Ensures fresh, RO-filtered ice.

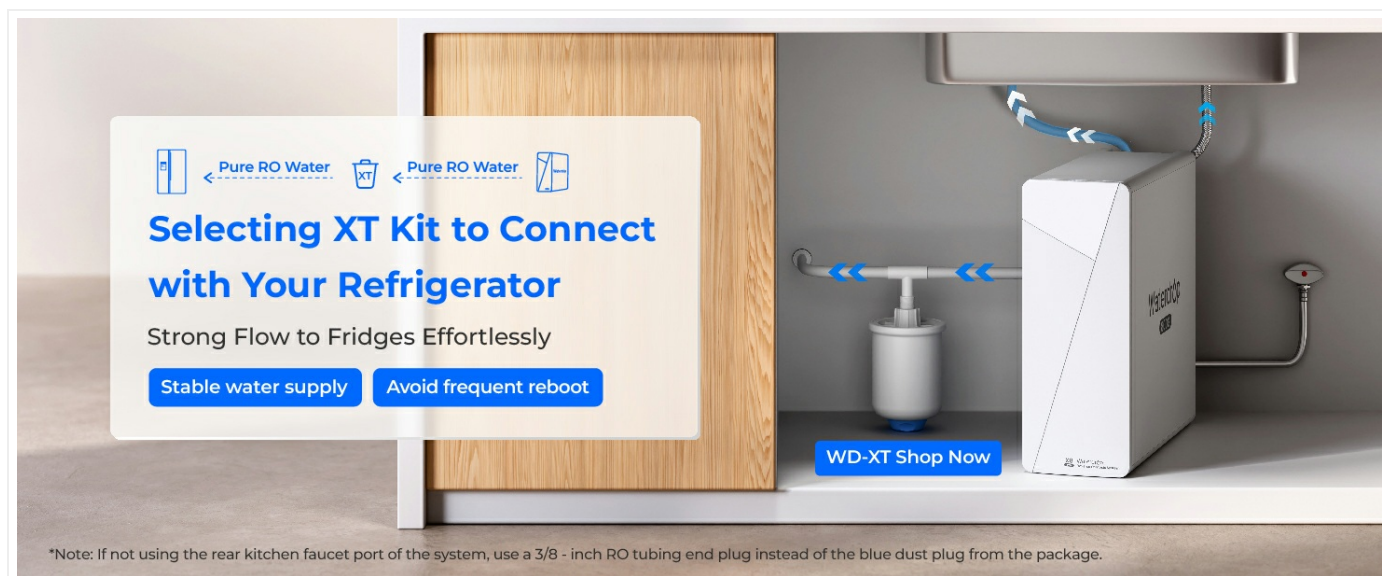


Image: Diagram showing the Waterdrop X8-PRO system connected to a refrigerator.



Image: Diagram showing the Waterdrop X8-PRO system connected to a dishwasher.



Image: Diagram showing the Waterdrop X8-PRO system connected to an ice maker.

9-Stage RO Filtration (for Pure RO Water):

The dedicated RO faucet provides water purified through a 9-stage filtration process, including a 0.0001 µm RO membrane. This process is SGS-tested to effectively reduce TDS, PFOA, PFOS, chlorine, fluoride, arsenic, lead, and other impurities.

1. Mesh filter cotton
2. Origami cotton
3. Precision Activated Carbon
4. Scale inhibitor
5. PP cotton
6. 0.0001µm RO Filtration
7. Non-woven fabrics
8. Activated carbon filtration
9. PP cotton

9-stage Filtration

Get Pure RO Water

RO
faucet



9-stage filtration

- 1 Mesh filter cotton
- 2 Origami cotton
- 3 Precision Activated Carbon**
- 4 Scale inhibitor
- 5 PP cotton
- 6 0.0001µm RO Filtration**
- 7 Non-woven fabrics
- 8 Activated carbon filtration
- 9 PP cotton

* Tested by a third party laboratory.



Image: Diagram illustrating the 9-stage filtration layers of the Waterdrop X8-PRO system.

5-Stage Filtration (for Filtered Water):

Water delivered through your existing kitchen faucet undergoes a 5-stage filtration process, primarily focused on reducing chlorine and odors, making it suitable for washing food and dishes.

Still Washing Food with Tap Water Full of Residues?

Your faucet



Waterdrop Filtered water
pure for washing

- ✓ Reduces chlorine & odor in tap water
- ✓ Less organic pollutants
- ✓ Makes your food tasting better

5-stage filtration



Original tap water
not clean enough

- ✗ Residual chlorine and bad odor
- ✗ Organic contaminants persist
- ✗ Affecting food taste

Image: Demonstrates washing food with filtered water, emphasizing the reduction of chlorine and odor.

MAINTENANCE AND FILTER REPLACEMENT

Regular maintenance, especially timely filter replacement, is essential to ensure the continuous performance and longevity of your Waterdrop X8-PRO system.

Filter Lifespan:

- **F1G Filter:** Approximately 12-month lifespan.
- **F2W Filter:** Approximately 6-month lifespan.
- **F3 RO Filter:** Approximately 24-month lifespan.

The smart faucet will provide filter life reminders. The system also features automatic water shutoff during filter replacement for convenience.



Image: Diagram showing the Waterdrop X8-PRO filters (F1G, F2W, F3) and their respective lifespans.

Filter Replacement Procedure:

Filters can be replaced easily without tools in approximately 3 seconds per filter.



Image: Illustration of the tool-free filter replacement process for the Waterdrop X8-PRO.

For a visual guide on filter replacement, please watch the video below:



Video: Instructions on how to replace the filters in the Waterdrop X8-PRO Reverse Osmosis System.

Resetting Filter Lifespan Indicator:

After replacing a filter, you will need to reset its lifespan indicator on the system unit. To reset, press and hold the corresponding filter button (F1, F2, or F3) on the system unit for 7 seconds until the system beeps and the indicator light changes.

TROUBLESHOOTING

If you encounter any issues with your Waterdrop X8-PRO system, please refer to the following common troubleshooting tips. The smart faucet's fault alert feature can also help identify problems.

- **No Water Flow:** Check water supply valve, ensure system is plugged in, and filters are correctly installed.
- **Slow Water Flow:** Filters may be clogged and require replacement. Check for kinks in tubing.
- **Leaks:** Inspect all connections for tightness. Ensure O-rings are properly seated.
- **Unusual Taste/Odor:** Filters may need replacement. Ensure proper system flushing after installation or filter change.

- **TDS Reading High:** RO membrane (F3 filter) may need replacement. Ensure proper flushing.

For more detailed troubleshooting or issues not covered here, please contact Waterdrop customer support.

SPECIFICATIONS

Feature	Detail
Brand	Waterdrop
Model Name	WD-X8W
Product Dimensions (L x W x H)	18.2" x 6.25" x 16.72"
Item Weight	16.58 Kilograms
Capacity	800 Gallons Per Day (GPD)
Purification Method	Reverse Osmosis (9-stage filtration)
Material	BPA Free
Installation Type	Under Sink
Power Source	Corded Electric
Lower Temperature Range	41 Degrees Fahrenheit (5°C)
Upper Temperature Rating	100 Degrees Fahrenheit (38°C)
Supported Water TDS Level Maximum	500 PPM
Included Components	X8-PRO RO System, Replacement Filters, Smart Faucet, User Manual

More Details About Product

**Installation**
Require under-sink electricity, Drill 2 holes for installation

**Feed Water Requirement**
Not recommend using well water directly

**Faucet Compatibility**
Use the provided faucet, Not be directly used on the main water supply pipe

**Pre-measure Dimensions**
Measure cabinet size before buying to ensure it fits your kitchen

**About Dual Water Outlet**
A pipe is included to connect to your existing faucet for filtered water while the built-in faucet provides RO water.

* One hole for RO faucet and the other for drain pipe connection. The size of the faucet hole is 1"

* If you are using well water as the source, please ensure the feed water has been filtered through a pre-filtration system

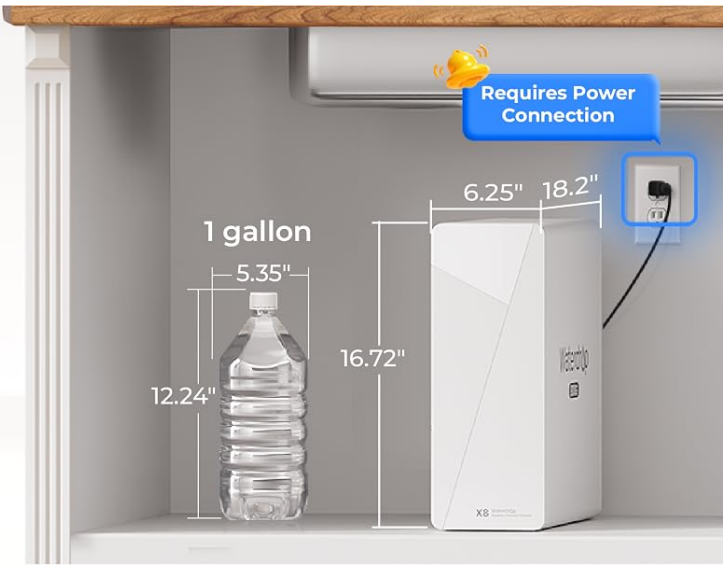


Image: Detailed view of the Waterdrop X8-PRO system, highlighting dimensions and power connection.

WARRANTY AND SUPPORT

Warranty Information:

Waterdrop products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Waterdrop website for specific warranty terms and conditions applicable to your X8-PRO system.

Customer Support:

For technical assistance, replacement parts, or any questions regarding your Waterdrop X8-PRO system, please contact Waterdrop customer support. You can find contact information on the official Waterdrop website or in the documentation provided with your product.

Official Waterdrop Website: www.waterdropfilter.com

