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Waterdrop WD-X8

Waterdrop X8-Basic Reverse Osmosis System User Manual

Model: **WD-X8** | Brand: **Waterdrop**

NSF/ANSI 42&58&372 Certified, 800 GPD Tankless RO Water Filter, 9-Stage Filtration Undersink RO Filtration System

Introduction

The Waterdrop X8-Basic Reverse Osmosis System provides advanced water filtration for your home. This tankless system is designed for efficiency and convenience, effectively reducing various contaminants to deliver clean, great-tasting water.

Key features include:

- **Trusted Certification:** Tested and certified by IAPMO R&T against NSF/ANSI 42 & 58 & 372 standards, and by SGS for harmful substance reduction.
- **Advanced RO Filtration:** Features a 9-stage filtration process, including a 0.0001µm RO membrane, to reduce Chloride, Lead, TDS, Fluoride, PFOA, PFOS, Sand, Odor, Taste, Salt, and more.
- **Tankless Design:** Saves up to 70% undersink space compared to traditional tank RO systems.
- **Efficient Filtration:** Produces 800 gallons of pure water per day with a 2:1 pure to drain ratio, minimizing wastewater.
- **Intelligent Monitoring:** Smart faucet provides real-time TDS monitoring and filter life reminders.



Figure 1: Waterdrop X8-Basic Reverse Osmosis System and Smart Faucet.

Setup and Installation

The Waterdrop X8-Basic system is designed for straightforward installation, typically taking around 30 minutes. It requires under-sink electricity and drilling two holes for installation (one for the RO faucet and one for the drain pipe connection). Ensure you pre-measure your cabinet space to confirm fit.

For detailed visual instructions, please refer to the official installation video below.

▶ **Watch video online**

Waterdrop X8 Undersink Reverse Osmosis Water Filter.

Video 1: Official installation guide for the Waterdrop X8 Undersink Reverse Osmosis Water Filter system.



Figure 2: The tankless design saves significant under-sink space compared to traditional RO systems.



Figure 3: Detailed dimensions and installation considerations for the Waterdrop X8-Basic system.

Operating Instructions

Once installed, operating the Waterdrop X8-Basic is simple. The system provides instant access to purified water through its dedicated smart faucet.

- **Water Dispensing:** Turn the smart faucet handle to dispense purified water. The system can filter 800 gallons per day, providing a fast flow rate that can fill a 6oz cup in approximately 5 seconds.
- **TDS Monitoring:** The smart faucet features a real-time Total Dissolved Solids (TDS) monitor, displaying the water quality directly on the faucet's screen.
- **Filter Life Reminder:** The smart faucet also indicates the remaining life of each filter (F1, F2, F3), ensuring you know when it's time for replacement to maintain optimal water quality.
- **Malfunction Alert:** The system provides alerts for any detected malfunctions, ensuring worry-free usage.



Figure 4: The smart digital faucet provides real-time water quality status and filter reminders.



Figure 5: Experience fast water dispensing with the 800 GPD capacity.

Maintenance

Regular filter replacement is crucial for maintaining the performance and water quality of your Waterdrop X8-Basic system. The tankless design allows for effortless filter changes in just 3 seconds, without needing to move the system or use tools.

- **Filter Types:** The system uses three main filters: WD-F1G, WD-F2, and WD-X8-F3.
- **Replacement Cycle:** The RO filter (WD-X8-F3) has a lifespan of up to 24 months, while other filters may require replacement more frequently (e.g., WD-F2 every 6 months, WD-F1G every 12 months), depending on water quality and usage. The smart faucet will remind you when replacement is due.
- **Easy Replacement:** Simply twist and pull to remove old filters, and push and twist to install new ones.



Figure 6: Ensure to select the correct filter replacements for your X-series system.



Figure 7: The professional 9-stage filtration system ensures comprehensive water purification.

Troubleshooting

If you encounter any issues with your Waterdrop X8-Basic system, please refer to the following common

troubleshooting tips:

- **Low Water Flow:** Check if filters need replacement as indicated by the smart faucet. Ensure the water supply valve is fully open.
- **Unusual Taste/Odor:** This often indicates that filters need to be replaced. Flush the system thoroughly after replacing filters.
- **Leaks:** Inspect all connections and ensure they are properly tightened. Check O-rings on filters for proper seating.
- **TDS Reading High:** If the TDS reading remains high after initial flushing or filter replacement, ensure the RO membrane (F3 filter) is correctly installed and not expired.
- **No Power:** Verify the power adapter is securely plugged into both the system and a working electrical outlet.

For persistent issues or problems not listed here, please contact Waterdrop customer support.

Specifications

Feature	Detail
Brand	Waterdrop
Model Name	WD-X8-Basic
Special Feature	Reduce TDS, NSF/ANSI 42&58&372 Certified
Product Dimensions	18.2"L x 6.25"W x 16.72"H
Installation Type	Under Sink
Power Source	Electricity
Lower Temperature Rating	41 Degrees Fahrenheit
Upper Temperature Rating	100 Degrees Fahrenheit
Supported Water TDS Level Maximum	1500 PPM
Item Weight	36.4 pounds
Color	Pure White
Shelf Life (RO Filter)	24 Months

Warranty and Support

Waterdrop products are designed for durability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official Waterdrop website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or to order replacement parts, please contact Waterdrop customer service through their official channels. Contact information can typically be found on the product packaging or the Waterdrop website.

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