Waterdrop g3p800

Waterdrop G3P800 Reverse Osmosis System User Manual

Model: G3P800 with WD-MNR35 Remineralization Filter

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Waterdrop G3P800 Reverse Osmosis System, bundled with the WD-MNR35 Remineralization Filter. This system is designed to provide high-quality filtered and remineralized water for household use.



Figure 1: Waterdrop G3P800 Reverse Osmosis System and WD-MNR35 Remineralization Filter.

2. Key Features

- **NSF/ANSI Certified:** Certified by IAPMO R&T against NSF/ANSI 58 for TDS reduction, NSF 42 for chlorine, taste, and odor reduction, and NSF/ANSI 372 for lead-free materials.



Figure 2: NSF/ANSI Certifications for the Waterdrop G3P800 system. For detailed reports, refer to the IAPMO R&T certification database.

- **High Capacity & Fast Flow:** Provides 800 gallons per day (GPD) capacity, filtering one cup of water in approximately 6 seconds.



Figure 3: Illustration of the 800 GPD high capacity and fast water dispensing rate.

- **Efficient Water Usage:** Features an advanced water dispensing technology with a 3:1 pure to drain ratio, producing one cup of wastewater for every three cups of filtered water.



Figure 4: Comparison of the 3:1 pure to drain ratio with traditional RO systems.

- **9-Stage Filtration:** Effectively reduces PFAS, fluoride, heavy metals (lead, chromium, iron, radium), salts (nitrate, chloride), large particles, and radioactive substances.



Figure 5: SGS & CSA testing results demonstrating reduction rates for various contaminants.

- **Remineralization Filter (WD-MNR35):** Utilizes PCC technology to activate crystalline structures of natural minerals like Calcium (Ca), Magnesium (Mg), Strontium (Sr), Sodium (Na), and Potassium (K), simulating natural spring water.



Figure 6: Illustration of the natural minerals added by the WD-MNR35 remineralization filter.



Figure 7: Overview of potential benefits associated with mineralized water.

- **Universal Compatibility (WD-MNR35):** The WD-MNR35 filter is designed with 1/4" quick connect tubing, allowing compatibility with most reverse osmosis systems or under-sink water filtration systems.



Figure 8: The WD-MNR35 filter's universal compatibility with various water systems.

3. Setup and Installation

The Waterdrop G3P800 system is designed for under-sink installation. Due to the complexity of plumbing connections, professional installation is recommended. Ensure all local plumbing codes are followed.

3.1 Pre-Installation Checklist

- Verify all components are present as per the packing list.
- Ensure adequate space under the sink for the main unit and filters.
- Confirm water pressure and temperature are within specified operating ranges.
- Turn off the main water supply before beginning installation.

3.2 Installation Steps (Overview)

1. Mount the main RO unit securely under the sink.
2. Connect the feed water adapter to the cold water line.
3. Install the dedicated faucet on the countertop.

4. Connect the tubing from the main unit to the faucet, feed water adapter, and drain saddle.
5. Insert the filter cartridges (CB, CF, RO, and WD-MNR35) into their respective slots.
6. Slowly turn on the water supply and check for leaks.
7. Flush the system as per the initial flushing instructions to prepare it for use.

Refer to the detailed installation guide included in your product packaging for step-by-step instructions and diagrams.

4. Operating Instructions

Once installed and flushed, the Waterdrop G3P800 system operates automatically to provide purified water.

4.1 Dispensing Water

To dispense water, simply open the dedicated RO faucet. The system will automatically activate and begin producing filtered water. Close the faucet to stop the flow.

4.2 TDS Monitoring

The system features a TDS (Total Dissolved Solids) display, allowing you to monitor the water quality. A lower TDS reading indicates higher purity.

5. Maintenance

Regular maintenance, primarily filter replacement, is crucial for optimal performance and water quality.

5.1 Filter Replacement

The G3P800 system uses multiple filters, including the WD-MNR35 remineralization filter. Filter lifespan varies based on water quality and usage, but general guidelines are:

- **WD-MNR35 Remineralization Filter:** Up to 12 months or 1,100 gallons, whichever comes first.



Figure 9: The WD-MNR35 filter offers long-term cost savings compared to bottled water.

- Refer to your system's display or user manual for specific replacement indicators for other filters (CB, CF, RO).

5.2 Replacement Procedure

1. Turn off the water supply to the RO system.
2. Depressurize the system by opening the RO faucet.
3. Twist and pull out the old filter cartridge.
4. Insert the new filter cartridge, ensuring it is fully seated.
5. Turn on the water supply and check for leaks.
6. Flush the new filter as per instructions to remove air and carbon fines.

6. Troubleshooting

This section addresses common issues you might encounter with your Waterdrop G3P800 system.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Low Water Flow	Clogged filters, low incoming water pressure, kinked tubing.	Replace filters, check water supply pressure, inspect tubing for kinks.
Unusual Taste/Odor	Expired carbon filters, new filter not flushed properly.	Replace carbon filters (CB, CF), flush the system thoroughly.
High TDS Reading	Expired RO membrane, system not flushed, bypass valve open.	Replace RO membrane, flush system, ensure bypass valve is closed.
Leaks	Loose connections, damaged O-rings, cracked housing.	Tighten connections, replace O-rings, contact support if housing is damaged.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Waterdrop customer support.

7. Specifications

Attribute	Value
Brand	Waterdrop
Model Name	G3P800
Special Feature	Reduce TDS, Tankless
Installation Type	Under Sink
Power Source	Manual (Water Pressure)
Maximum Flow Rate	39.5 Milliliters Per Second
Supported Water TDS Level Maximum	500 PPM
Pure to Drain Ratio	3:1
Daily Production Capacity	800 GPD (Gallons Per Day)
Filter Lifespan (WD-MNR35)	Up to 12 months or 1,100 gallons

8. Warranty and Support

Waterdrop provides a limited warranty for its products. Please refer to the warranty card included with your purchase for specific terms and conditions.

8.1 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Waterdrop customer support. You can find more information and contact details on the official Waterdrop website: Waterdrop Official Store.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I resolve Error Code E03 on the Waterdrop G3P800 Reverse Osmosis System when there are no leaks or kinks and filters were recently changed?

On Waterdrop Reverse Osmosis systems like the G3P800, the E03 error code typically indicates a long-term working protection or a potential internal sensor issue. This error is often triggered when the unit has been...

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