Waterdrop WD-G2P600-W

Waterdrop G2P600 Reverse Osmosis System User Manual

Model: WD-G2P600-W

1. Product Overview

The Waterdrop G2P600 Reverse Osmosis System is a state-of-the-art tankless water filtration solution designed for under-sink installation. It provides clean, great-tasting water by effectively reducing a wide range of contaminants, ensuring a healthier water supply for your home.



Figure 1: Waterdrop G2P600 Reverse Osmosis System

2. Key Features

- **NSF/ANSI Certified 7-Stage Filtration:** This system is certified by NSF/ANSI 58 & 372 for lead-free materials and effectively reduces over 1,000 contaminants, including TDS, lead, chlorine, PFAS, PFOA, PFOS, and more.



Figure 2: 7-Stage Filtration Process



Figure 3: NSF/ANSI 372 Certification. For more details, visithttps://qr10.cn/E43pXS

- **High Flow Rate (600 GPD):** Enjoy fast and stable water flow, filling a 200ml cup in just 8 seconds. Ideal for drinking,

cooking, and meeting the demands of large families.



Figure 4: Fast Water Flow Comparison

- **Efficient 2:1 Pure to Drain Ratio:** This advanced system significantly reduces water waste, producing only 1 cup of wastewater for every 2 cups of pure water, saving 600% more water compared to traditional RO purifiers.



Figure 5: Water Efficiency Comparison

- **Tankless and Space-Saving Design:** The compact tankless design frees up to 70% more under-sink space, providing a cleaner and more organized kitchen environment.



Figure 6: Space-Saving Tankless Design

- **Easy Installation and Filter Replacement:** Designed for quick and easy DIY installation in about 30 minutes. Filters feature a twist-and-pull design for 3-second tool-free replacement. Filter life indicators provide timely reminders.



Figure 7: Quick Filter Replacement

3. Setup and Installation

Before beginning installation, ensure you have sufficient space under your sink and a power outlet nearby. The system requires two drilled holes for installation: one for the RO faucet and one for the drain pipe connection.



Figure 8: Product Dimensions and Installation Notes

3.1. Installation Video Guide

For a detailed visual guide on the installation process, please watch the official Waterdrop video below:

Your browser does not support the video tag.

Video 1: How to install RO system? This video provides a step-by-step guide for setting up your Waterdrop G2P600 system.

3.2. Step-by-Step Installation

1. **Prepare the Installation Area:** Ensure the water supply is shut off and release any remaining pressure from your kitchen faucet.
2. **Install the Feed Water Adapter:** Disconnect the cold water pipe from the cold water supply valve. Twist the feed water adapter (with its washer) onto the cold water supply valve and tighten with an adjustable wrench. Then, twist the cold water pipe (with its washer) onto the feed water adapter and tighten.
3. **Install the RO Faucet:** Insert the faucet spout into the faucet body. Insert the faucet stem into the pre-drilled hole on your countertop. Under the sink, install the mounting washer onto the faucet stem, slip on the nut, and tighten it up.
4. **Install the Drain Saddle:** Choose a convenient spot on the drainpipe and drill a 1/4" hole. Slip the front plate to one end of the red tubing (without mark) and insert the tubing into the drilled hole up to about 0.6". Fix the drain saddle with screws and install the lock clip on the fitting to secure the connection.
5. **Connect Tubing:**
   - Connect the white 3/8" input water tubing from the feed water adapter to the "IN" input water port on the system.
   - Connect the white 1/4" filtered water tubing from the RO faucet to the "F" filtered water port on the system.
   - Connect the red 1/4" waste water tubing from the drain saddle to the "W" waste water port on the system.

   Note: Make sure each tubing is fully inserted until you reach the mark on the tubing. Use the blue lock clips on the fittings to secure the tubing in place and prevent it from falling off.
6. **Position the RO System Housing:** Place the system in a suitable location under your sink, ensuring it is not placed directly against the cabinet to allow for proper ventilation and access.

7. **System Startup:** Turn on the cold water supply valve and plug the power cord into a nearby power outlet. Turn on the RO faucet and let water run for 30 minutes. This flushes the system and activates the filters. The filtering indicator on the front panel will change from flashing to permanent blue once flushing is complete.

4. Operating the System

The Waterdrop G2P600 system is designed for simple daily operation. Once installed and flushed, simply turn on the dedicated RO faucet to dispense purified water.

4.1. Filter Life Indicators

The system features helpful electronic filter indicators on the front panel that notify you when it's time for routine filter replacement. These indicators change color to signal filter status:

- **Blue:** Filters are functioning well.
- **Purple:** You need to replace the filter soon (within 15 days).
- **Red:** You must replace the filter now.

Your browser does not support the video tag.

Video 2: FAQ: How to reset filter life indicators? This video demonstrates how to interpret and reset the filter life indicators.

5. Maintenance and Filter Replacement

Regular filter replacement is crucial for maintaining optimal water quality and system performance. The G2P600 features a user-friendly design for quick filter changes.

5.1. Filter Lifespan

- **Pre-Sediment and Carbon Block Filter (CF):** Replace every 12 months or 1,100 gallons, whichever comes first.
- **Multiple Reverse Osmosis Membrane Filter (MRO):** Replace every 24 months or 2,200 gallons, whichever comes first.

Note: Filter life may vary depending on your filtered water consumption. Always refer to the filter life indicators for timely replacement.

5.2. Replacing Filters

The twist-and-pull design allows for tool-free filter replacement in seconds.

1. **Twist and Remove:** Twist the filter that needs to be replaced counterclockwise and pull it out.
2. **Insert New Filter:** Insert the new filter into its corresponding hole, aligning the arrow with the empty circle on the housing. Twist the filter clockwise until you hear a click, ensuring it is properly fitted.
3. **Reset Filter Life Indicator:** After replacing the filter, you must reset the filter life indicator. Press the filter life reset indicator for 5 seconds until you hear a beep. Then, press the reset indicator again to select the specific filter (CF or

MRO) that was replaced. Press the reset indicator for 5 seconds one more time until you hear a beep and the filter life indicator turns permanent blue.

Refer to Video 2 for a visual demonstration of resetting the filter life indicators.

6. Troubleshooting

Problem	Possible Cause	Solution
Slow water flow from RO faucet.	Clogged filters, low water pressure, or issues with refrigerator connection.	Check filter life indicators and replace if necessary. Ensure main water supply is fully open. If connected to a refrigerator, consider a bypass filter for the refrigerator's internal filter.
System making loud noises.	Normal operation of the pump, air in the system, or loose connections.	Some pump noise is normal, especially during initial startup or heavy use. Check all tubing connections for tightness. Ensure the system is placed on a stable, flat surface.
Filter life indicator remains red after replacement.	Filter not properly reset.	Follow the filter reset procedure carefully (refer to Section 5.2 and Video 2). Ensure you fully cover the sensor with a dry finger when pressing.
Water tastes unusual or has odor.	Expired filters, improper flushing, or issues with water source.	Replace expired filters. Ensure initial 30-minute flushing was completed. If using well water, consider pre-filtration.

7. Specifications

Attribute	Detail
Model Name	WD-G2P600-W
Product Dimensions (L x W x H)	17.33" x 5.91" x 13.98"
Item Weight	25.35 Pounds
Maximum Flow Rate	600 GPD (0.42 gal/min)
Filtration Stages	7-Stage
Pure to Drain Ratio	2:1
Installation Type	Under Sink
Power Source	Corded Electric
UPC	840814171820

8. Warranty and Support

For detailed warranty information, technical support, or to purchase replacement filters, please refer to the official Waterdrop website or contact Waterdrop customer service.
You can also find additional resources and PDF manuals via the following links:

- User Guide (PDF)
- User Manual (PDF)

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