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› [Waterdrop G5P700A Alkaline Mineral pH+ Reverse Osmosis Water Filter User Manual](#)

## Waterdrop G5P700A

# Waterdrop G5P700A Alkaline Mineral pH+ Reverse Osmosis Water Filter User Manual

Model: G5P700A

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Waterdrop G5P700A Alkaline Mineral pH+ Reverse Osmosis Water Filter System. Please read this manual thoroughly before installation and retain it for future reference.



Image 1.1: Waterdrop G5P700A Reverse Osmosis Water Filter System with smart faucet.

## 2. PRODUCT FEATURES

- **8-Stage Precision Filtration:** Reduces contaminants such as PFOA, PFOS, chlorine, lead, fluoride, heavy metals, and other impurities.
- **Alkaline Mineralization:** Combines a  $0.0001\mu\text{m}$  RO membrane with alkaline technology to enrich water with essential minerals like  $\text{Ca}^{2+}$ ,  $\text{Mg}^{2+}$ ,  $\text{Na}^+$ , and  $\text{K}^+$ .
- **Tankless Design:** Compact system saves up to 70% of under-sink space and prevents recontamination associated with traditional tanks.

- **700 GPD High-Speed Flow:** Provides a consistent and rapid water flow, filling a 6-ounce cup in approximately 6 seconds.
- **2:1 Pure-to-Drain Ratio:** Generates 400% more clean water compared to conventional systems, minimizing water waste.
- **Smart LED Faucet:** Features a real-time TDS monitor and filter life reminder for convenient water quality monitoring.
- **NSF/ANSI 372 Certified:** System is certified for low lead content, ensuring safe usage.

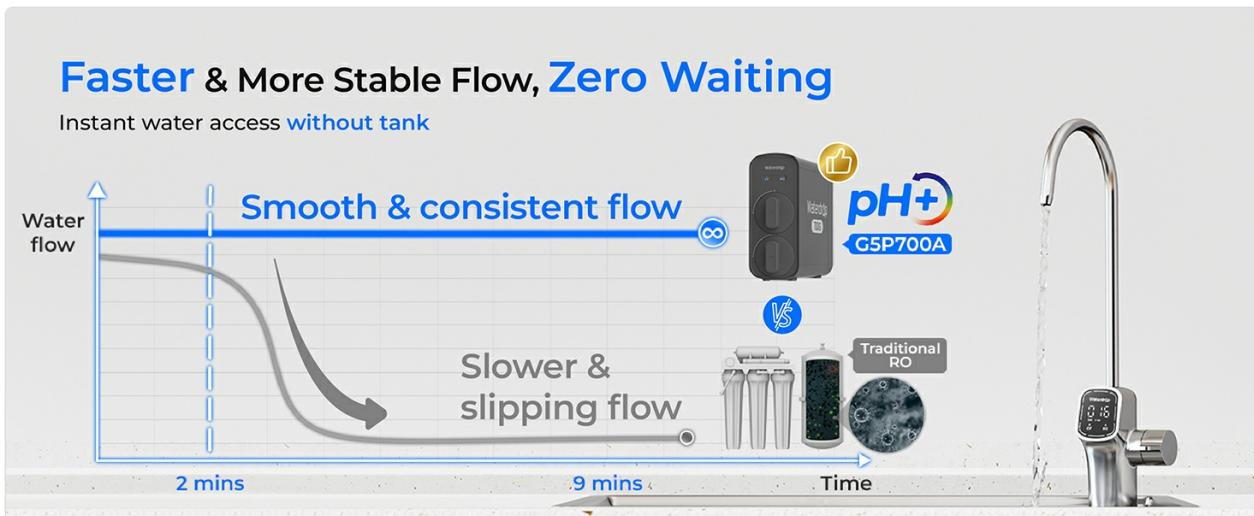


Image 2.1: Detailed diagram of the 8-stage filtration process, including alkaline boost.

**Why Choose Tankless with 700GPD Alkaline?**

Alkaline minerals	NSF/ANSI 372 certified	Filter life reminder	Filtration stages	Flow rate	Pure to drain ratio	Waterdrop GSP700A	Space saving	Installation	Leakage risk	Ro filter life
✓	✓ Lead-free material	Indicator faucet & buzzer alert	8 stages	700 GPD rapid flow	67% pure water (2:1)		Save up to 70%	≤ 30 mins	Lower	24 months
✗	✗	✗	5 stages	50 GPD unstable flow	20% pure water (0.25:1)		≈ 2 waste processors	> 120 mins	Higher	12 months

Image 2.2: NSF/ANSI 372 Certification for lead-free materials, ensuring product safety.

### 3. WHAT'S IN THE Box

Verify that all components are present before beginning installation:

- RO system unit
- RO/CF filter cartridges
- Smart LED Faucet
- PE pipes (various sizes for connections)
- T-fitting (for water supply connection)

## 4. SETUP AND INSTALLATION

The Waterdrop G5P700A system is designed for under-sink installation. Please follow these guidelines carefully.

### 4.1 Pre-Installation Considerations

- Countertop Drilling:** Faucet installation requires drilling holes in the countertop. Typically, two holes are needed: one for the RO faucet and another for the drain pipe connection.
- Electrical Outlet:** An electrical outlet is required under the sink to power the system.
- Feed Water Requirements:** If using well water as the source, pre-treatment through a filtration system is recommended. This RO system is not designed to be directly connected to the kitchen main faucet.
- Dimensions:** Measure your under-sink cabinet space before installation to ensure the system (5.69" L x 16.69" W x 13.9" H) fits appropriately.



Image 4.1: Installation requirements, including electrical outlet and system dimensions.

### 4.2 Installation Steps

Refer to the included quick start guide and detailed instruction manual for step-by-step installation. The tankless design simplifies the process, often allowing for installation within 30 minutes without complex plumbing.

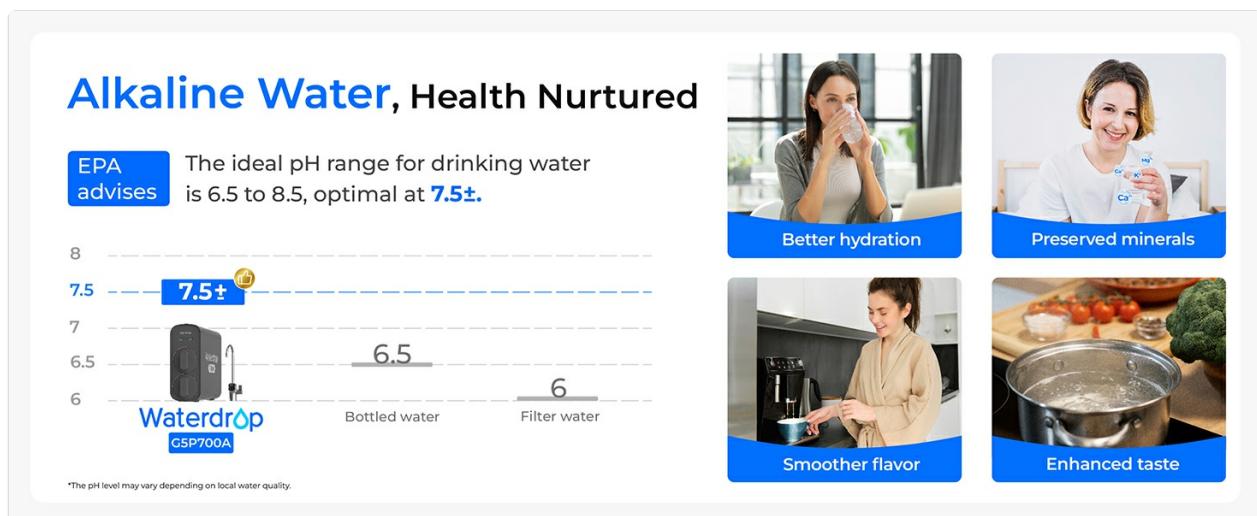


Image 4.2: The compact tankless design saves significant under-sink space.

## 5. OPERATING INSTRUCTIONS

Once installed, operating your Waterdrop G5P700A system is straightforward.

### 5.1 Dispensing Water

Turn the handle on the smart LED faucet to dispense purified water. The system will activate automatically, providing a smooth and consistent flow.

### 5.2 Smart Faucet Display

The integrated smart LED faucet provides real-time information:

- **TDS Monitor:** Displays the Total Dissolved Solids (TDS) level of the filtered water.
- **Filter Life Reminder:** Indicates the remaining lifespan of the CF (Composite Filter) and RO (Reverse Osmosis) filter cartridges.



Image 5.1: The smart faucet provides real-time TDS monitoring and filter life reminders.

## 6. MAINTENANCE

Regular maintenance, primarily filter replacement, ensures optimal performance and water quality.

### 6.1 Filter Replacement

The system uses two filter cartridges with different replacement schedules:

- **CF (Composite Filter):** Replace every 6 months.
- **RO (Reverse Osmosis) Filter:** Replace every 24 months.

The smart faucet will indicate when a filter needs replacement. The system features automatic water shutoff during filter changes for convenience and to prevent leaks.

## Find the Model Your **Need** Today

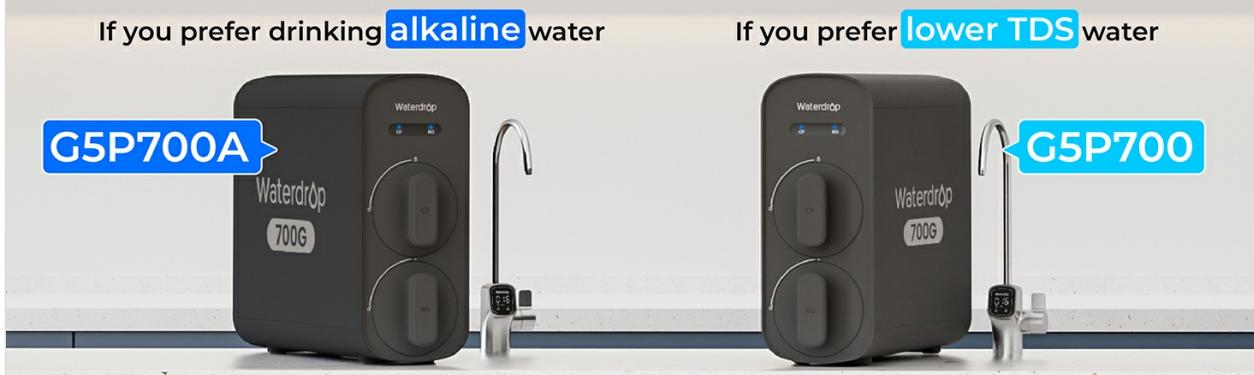


Image 6.1: Filter replacement is a simple 3-second process by aligning to the midpoint and twisting.



Image 6.2: RO filter lasts 24 months, CFA filter lasts 6 months.

## 7. TROUBLESHOOTING

This section addresses common issues and smart alerts to help maintain your system.

### 7.1 Smart Alerts

The system is equipped with comprehensive smart alerts to safeguard water safety:

- **Leakage Warning:** Alerts you to potential water leaks.
- **Fault Warning:** Indicates system malfunctions.
- **Automatic Water Shut-off:** Engages to prevent water damage in case of a detected leak or fault.
- **Micro-leakage Protection:** Provides additional security against small leaks.



Image 7.1: Comprehensive smart alerts for leakage, fault, and micro-leakage protection.

## 7.2 Common Issues

- Low Water Flow:** Check filter life indicators. If filters are near end-of-life, replace them. Ensure adequate water pressure from the supply.
- Unusual Taste/Odor:** This may indicate expired filters. Replace the CF filter first, then the RO filter if the issue persists.
- TDS Reading Inconsistency:** While the smart faucet provides a real-time TDS display, external TDS meters may show slight variations. If the reading is consistently high or does not fluctuate as expected after inactivity, ensure filters are correctly installed and not expired. Contact customer support if concerns persist.
- Leaks:** Check all connections for tightness. The system has fewer connection points (3 vs. 26 in traditional systems) to reduce leak risk. If a leak is detected, the automatic shut-off should activate.



Image 7.2: The G5P700A features only 3 connection points, significantly reducing the risk of leaks compared to traditional systems.

## 8. SPECIFICATIONS

Feature	Specification
Model Name	G5P700A
Product Dimensions (L x W x H)	5.69" x 16.69" x 13.9"

Item Weight	21.4 Pounds
Filtration Stages	8-stage (including Alkaline Mineral)
RO Membrane Precision	0.0001µm
Water Production Rate	700 Gallons Per Day (GPD)
Pure to Drain Ratio	2:1
Supported Water TDS Level Maximum	500 PPM
Installation Type	Under Sink
Power Source	Manual (Water Pressure) / Electrical (for pump and smart faucet)
CF Filter Lifespan	6 Months
RO Filter Lifespan	24 Months

## 9. WARRANTY AND SUPPORT

Waterdrop is committed to providing reliable products and customer satisfaction.

### 9.1 Customer Service

For any questions regarding installation, operation, maintenance, or troubleshooting, please contact Waterdrop customer service. 7/24 customer service is available to assist you.

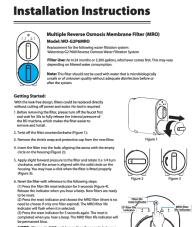
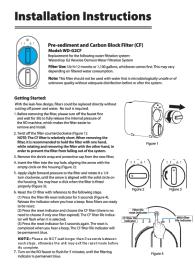
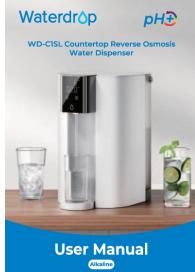
### 9.2 Warranty Information

Specific warranty details are provided with your product documentation. Please refer to the warranty card included in your packaging or contact Waterdrop customer service for comprehensive information regarding your product's warranty coverage.

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## Related Documents - G5P700A

 <p>Waterdrop Reverse Osmosis Water Filtration System</p> <p>Product User Manual Model: WD-RG17-BCN/WD-RG17-BAN</p>	<p><a href="#"><u>Waterdrop WD-RG17-BCN/WD-RG17-BAN Reverse Osmosis Water Filtration System User Manual</u></a></p> <p>Comprehensive user manual for the Waterdrop WD-RG17-BCN/WD-RG17-BAN Reverse Osmosis Water Filtration System, covering installation, operation, maintenance, troubleshooting, and warranty information.</p>
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	<p><b>Waterdrop Mineral Water Filter Installation Guide</b></p> <p>Step-by-step installation instructions and frequently asked questions for the Waterdrop Mineral Water Filter, designed for RO reverse osmosis systems. Learn how to replace and maintain your filter for optimal water quality.</p>
	<p><b>Waterdrop WD-G2P6MRO MRO Filter Installation and Maintenance Guide</b></p> <p>Comprehensive installation, maintenance, and troubleshooting guide for the Waterdrop WD-G2P6MRO Multiple Reverse Osmosis Membrane Filter, including filter replacement and life indicator reset.</p>
	<p><b>Waterdrop WD-G3P600-RO Replacement Filter Installation Instructions</b></p> <p>Step-by-step guide for installing the Waterdrop WD-G3P600-RO replacement filter for your Waterdrop Reverse Osmosis Water Filtration System. Includes performance data, FAQs, and warnings.</p>
	<p><b>Waterdrop WD-G2CF Filter Installation Guide &amp; Maintenance</b></p> <p>Comprehensive installation instructions, maintenance tips, and FAQs for the Waterdrop WD-G2CF CF filter replacement for G2 Reverse Osmosis Water Filtration Systems.</p>
	<p><b>Waterdrop WD-CISL Countertop Reverse Osmosis Water Dispenser User Manual</b></p> <p>User manual for the Waterdrop WD-CISL Countertop Reverse Osmosis Water Dispenser. Provides instructions on preparation, installation, operation, and features for optimal use of this alkaline water system.</p>