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Waterdrop WD-FC-06

Waterdrop Stainless-Steel Faucet Water Filter

Model: WD-FC-06

Brand: Waterdrop

1. Product Overview

The Waterdrop Stainless-Steel Faucet Water Filter (Model WD-FC-06) is designed to provide clean, filtered water directly from your faucet. This system effectively reduces common contaminants while retaining beneficial minerals, ensuring improved water quality for various household uses.



Image 1.1: Waterdrop Stainless-Steel Faucet Water Filter and included replacement filters.

Key Features:

- **High-Efficiency Filtration:** Reduces up to 98% chlorine, lead, sediment, rust, and fluoride.
- **Mineral Retention:** Utilizes additional mineralization filtration media to add beneficial minerals like potassium, magnesium, and calcium.
- **Durable Construction:** Made from food-grade 304 stainless steel, featuring a joint-free, anti-corrosion design.
- **Flexible Design:** Features a 360° rotating faucet for convenient water access.
- **Long Filter Life:** Provides 320 gallons of filtered water, lasting up to 3 months.
- **Fast Flow Rate:** Delivers water at 0.5 gallons per minute (GPM).
- **Versatile Application:** Suitable for kitchen, bathroom, pet drinking, and RV use.



Image 1.2: The Waterdrop Faucet Water Filter installed on a kitchen countertop.

2. Product Components

The Waterdrop Stainless-Steel Faucet Water Filter system includes the following components:

- Waterdrop Faucet Water Filter Unit (Model WD-FC-06)
- Replacement Filter (WD-FF-03A) - 4 included with this package
- Various Faucet Adapters (A3, A4, A5, B3, B4) to ensure compatibility with most faucet types.



Image 2.1: The main Waterdrop Faucet Water Filter unit.



Image 2.2: Waterdrop replacement filters.

3. Specifications

Specification	Value
Item Model Number	WD-FC-06
Brand	Waterdrop
Special Feature	Chlorine Reduction, Mineral Retention
Installation Type	Countertop
Power Source	Manual Operation
Maximum Flow Rate	0.5 Gallons Per Minute

Specification	Value
Operating Temperature	41-100°F (5-38°C)
Operating Working Pressure	15-100 psi (100-689 kPa)
Filter Capacity	320 Gallons or 3 Months
Material	Food-grade 304 Stainless Steel

4. Installation Guide

The Waterdrop Faucet Water Filter is designed for easy, drill-free installation. It connects directly to your existing faucet.

4.1 Faucet Compatibility

The system comes with multiple adapters to fit most standard faucets. Please refer to the image below to identify compatible and incompatible faucet types.



Image 4.1: Faucet compatibility and included adapters (A3, A4, A5 for female threads; B3, B4 for male threads).

Note: If the included adapters do not fit your faucet, please contact Waterdrop customer service for assistance.

4.2 Installation Steps

1. Unscrew the aerator from your existing faucet.
2. Select the appropriate adapter from the provided set that matches your faucet's thread type (male or female).
3. Screw the chosen adapter onto your faucet.
4. Attach the Waterdrop Faucet Water Filter unit to the adapter, ensuring it is securely tightened to prevent leaks.
5. Turn on the cold water supply to check for any leaks. If leaks occur, re-tighten the connections.

5. Operating Instructions

Using your Waterdrop Faucet Water Filter is straightforward.

5.1 Water Flow and Temperature

- The filter provides a fast flow rate of 0.5 GPM, allowing you to fill a cup in approximately 6 seconds.
- The filter is designed for use with **cold water only**. Using hot water may damage the filter media and reduce its effectiveness.
- The faucet unit features a 360° rotating design, allowing you to direct the water flow conveniently.



Image 5.1: Illustration of the smart filtration process, maintaining beneficial minerals.

6. Maintenance & Filter Replacement

Regular maintenance ensures optimal performance and longevity of your Waterdrop Faucet Water Filter.

6.1 Filter Life and Replacement

- The filter cartridge (Model WD-FF-03A) has a capacity of 320 gallons or approximately 3 months, whichever comes first.
- It is recommended to replace the filter cartridge promptly when the capacity is reached or if you notice a decrease in water flow or quality.

6.2 Replacing the Filter Cartridge

1. Turn off the water supply to the faucet.
2. Carefully unscrew the bottom portion of the filter unit to access the cartridge.
3. Remove the old filter cartridge.
4. Insert a new Waterdrop WD-FF-03A replacement filter cartridge, ensuring it is seated correctly.

5. Screw the bottom portion back onto the filter unit, ensuring it is tightened securely to prevent leaks.
6. Turn on the water supply and flush the new filter for a few minutes to remove any carbon fines.

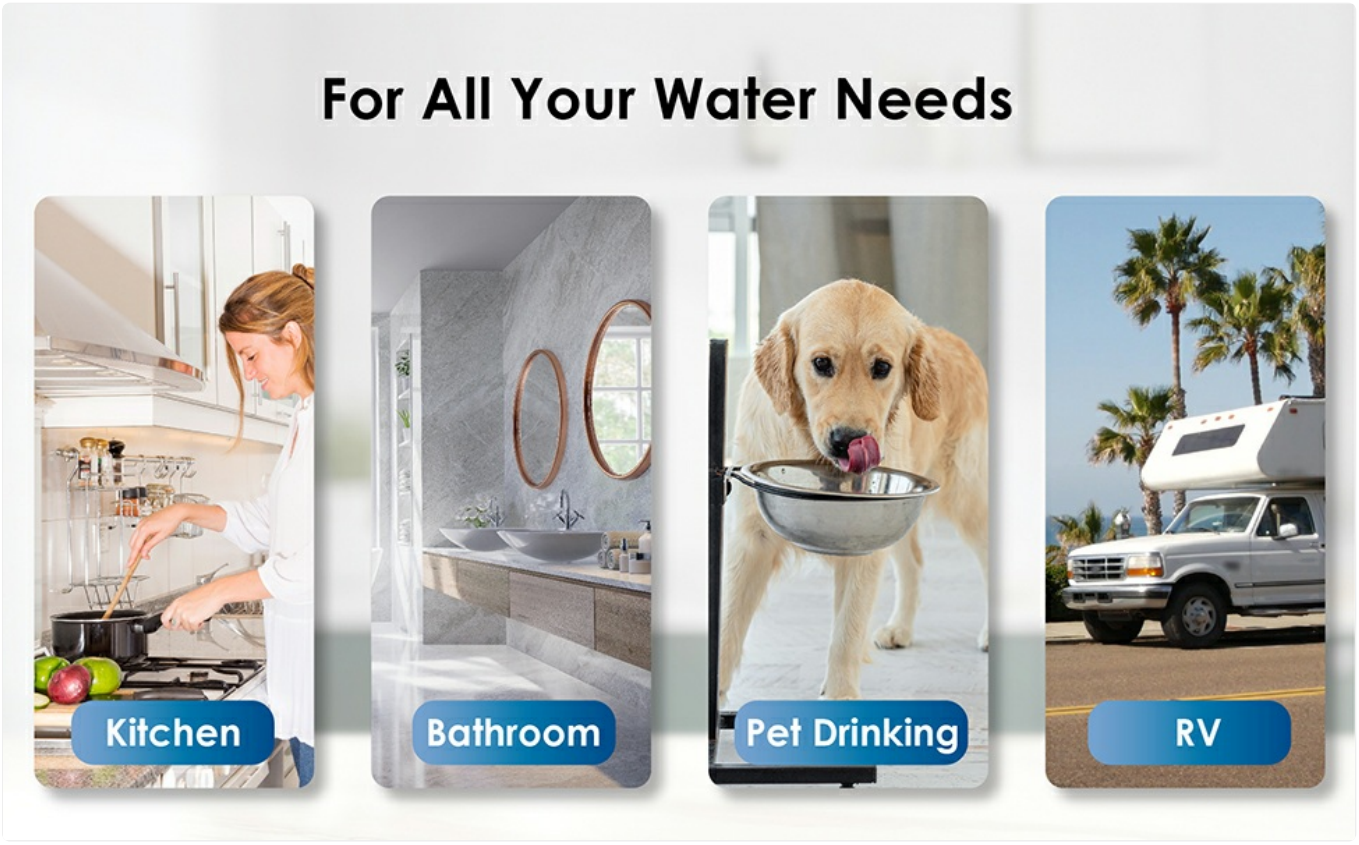

Image 6.1: The filter provides 320 gallons or 3 months of filtered water.

7. Troubleshooting

This section addresses common questions and issues you might encounter.

7.1 TDS Value Remains High

Issue: After installing the filter, the Total Dissolved Solids (TDS) value of the water does not decrease, or even slightly increases.
Explanation: This system is designed to retain beneficial minerals (like potassium, magnesium, and calcium) in the water, which contribute to the TDS value. Therefore, the filter will not significantly lower the TDS value. It focuses on reducing harmful substances like chlorine, lead, and sediment, while enhancing the water with minerals.
Solution: If your primary goal is to decrease the TDS value, this faucet filter is not the appropriate solution. For significant TDS reduction, consider a Waterdrop Reverse Osmosis (RO) system.

7.2 Leaks from Connections

Issue: Water is leaking from the connection points after installation.
Solution: Ensure all connections, especially where the filter unit attaches to the faucet adapter and where the filter cartridge is housed, are securely tightened. Check that all O-rings and gaskets are properly seated and not damaged.

8. Customer Support

For any questions regarding installation, filter replacement, or general inquiries about your Waterdrop product, please contact our customer service team.



Image 8.1: Waterdrop Customer Service is available 24/7.

Please visit the official Waterdrop website or refer to the product packaging for the most up-to-date contact information.

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