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Waterdrop WD-FC-06

Waterdrop WD-FC-06 Stainless Steel Faucet Water Filter Instruction Manual

Model: WD-FC-06 | Brand: Waterdrop

1. INTRODUCTION

Thank you for choosing the Waterdrop WD-FC-06 Stainless Steel Faucet Water Filter. This system is designed to provide clean, filtered water directly from your kitchen faucet, effectively reducing chlorine, lead, sediment, rust, and fluoride while retaining beneficial minerals. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your filter.

2. IMPORTANT SAFETY INFORMATION

- **TDS Note:** This filter system does not reduce Total Dissolved Solids (TDS). TDS refers to inorganic salts and a small amount of organic matter. The filter retains beneficial minerals like calcium and magnesium. If you require a reduction in TDS, please consider a Waterdrop Reverse Osmosis (RO) system.
- This product is designed for use with standard faucets only. It is not compatible with pull-out, hand-held, spray-style faucets, or faucets with sensors. Please verify your faucet type before installation.
- Operating Temperature: 41-100°F (5-38°C). Do not use with water outside this temperature range.
- Operating Working Pressure: 15-100 psi (100-689 kPa).

3. PARTS LIST

Before beginning installation, please ensure all parts are present and accounted for:

- Water Filter Faucet System (Main Unit)
- Activated Carbon Block Filter (A)
- Filter Top Cover (B)
- Outlet Valve (C)
- Filter Base (D)
- Connector (E)
- Sealing Ring (F)
- Various Adapters (A3, A4, A5, B4) for faucet compatibility



Figure 3.1: Exploded view of the Waterdrop WD-FC-06 filter system and included adapters.

4. INSTALLATION

The Waterdrop WD-FC-06 features a drill-free design for easy plug-and-use installation. Follow these steps:

- 1. Prepare the Filter:** Take out the Activated Carbon Block Filter (A) from its packaging.
- 2. Assemble the Filter Unit:** Twist off the Filter Base (D) anticlockwise from the main unit. Keep the water outlet hole of the filter downward and place the Activated Carbon Block Filter (A) onto the Filter Base (D). Then, twist the Filter Base (D) clockwise back onto the main unit.
- 3. Prepare Your Faucet:** Remove the aerator from your faucet. Choose the correct adapter (A3, A4, A5, or B4) that matches your faucet's threading. For external threaded faucets, connect the Outlet Valve (C) directly to the faucet. For internal threaded faucets, select the appropriate adapter and connect it to the faucet, then connect the Outlet Valve (C) to the adapter. Ensure the washer between the faucet and the system is installed firmly. If the seal ring of the adapter is loose, please install it firmly. If you still cannot connect it properly, contact customer service for assistance.
- 4. Connect the System:** Attach the main filter unit to the Outlet Valve (C).
- 5. Flush the System:** Before first use, switch the lever on the Outlet Valve (C) to the level position (pure water mode) and run cold water for 3 minutes. It is normal to observe black water and hear air pushing sounds during this initial flushing due to activated carbon. The water will clear after flushing.



Figure 4.1: Faucet compatibility and adapter selection guide.

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Video 4.1: Official Waterdrop WD-FC-06 Installation Instructions. This video demonstrates the step-by-step process of installing the faucet water

filter, including preparing the filter, attaching it to the faucet, and flushing the system.

5. OPERATION

The Waterdrop WD-FC-06 features a simple lever to switch between filtered and unfiltered water:

- To get **filtered water**, switch the lever to the **level position**.
- To get **unfiltered tap water**, switch the lever to the **downward direction**.

6. MAINTENANCE

Filter Replacement

The filter has a capacity of 320 gallons or approximately 3 months of use, whichever comes first. Regular filter replacement is crucial for maintaining optimal filtration performance.

1. To replace the filter, first switch the lever to the downward position (unfiltered water) and turn off the faucet.
2. Twist off the Filter Base (D) anticlockwise.
3. Remove the old Activated Carbon Block Filter (A) and dispose of it properly.
4. Insert a new Activated Carbon Block Filter (A) into the Filter Base (D), ensuring the water outlet hole is downward.
5. Twist the Filter Base (D) clockwise back onto the main unit until secure.
6. Flush the new filter as described in Step 4 of the Installation section.

Replacement filters can be found by searching for "WD-FF-03A".

7. TROUBLESHOOTING

Water Leakage

If you experience water leakage at the connecting position between the faucet and the system:

- Ensure the washer is correctly seated and firmly installed between the faucet and the adapter/system.
- It is recommended to use a wrench to assist in tightening the nut on the Outlet Valve (C).
- Consider using Teflon tape on the threads to create a tighter seal and prevent leakage.

8. SPECIFICATIONS

Feature	Detail
Brand	Waterdrop
Model Name	WD-FC-06
Product Dimensions	4.13" L x 2.32" W x 5.19" H
Item Weight	1.27 pounds (577 Grams)
Material	Food-grade 304 Stainless Steel, Lead-Free

Capacity	320 Gallons
Filter Lifespan	Up to 3 Months
Installation Type	Countertop
Purification Method	Activated Carbon
Maximum Flow Rate	0.5 Gallons Per Minute
Operating Temperature	41-100°F (5-38°C)
Operating Pressure	15-100 psi (100-689 kPa)
Certifications	NSF/ANSI 42 & 372 Certified

9. WARRANTY AND SUPPORT

Waterdrop products are manufactured to high-quality standards. For warranty information, technical support, or any questions regarding your Waterdrop WD-FC-06 Faucet Water Filter, please refer to the official Waterdrop website or contact their customer service directly. Keep your purchase receipt for warranty claims.