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› Waterdrop UL12B Under-Sink Water Filtration System with Faucet Instruction Manual

## Waterdrop WD-UL12B

# Waterdrop UL12B Under-Sink Water Filtration System with Faucet

Model: WD-UL12B

## 1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Waterdrop UL12B Under-Sink Water Filtration System. This system is designed to provide filtered water directly from your faucet, reducing various contaminants and improving water quality.

The Waterdrop UL12B system features advanced filtration technology certified by IAPMO against NSF/ANSI Standard 42 for the reduction of chlorine, taste, and odor, and NSF/ANSI 372 for lead-free materials. It is also effective in reducing PFAS, PFOA/PFOS, rust, heavy metals, chemical impurities, and sand.

Please read this manual thoroughly before installation and use to ensure proper function and safety.

## 2. PRODUCT OVERVIEW

### 2.1 Components Included

- Waterdrop UL12B Filter Unit
- Dedicated Faucet
- Connection Accessories (T-adapter, tubing)
- 3/8"-1/2" Converter
- 3/8" Line
- Filter Change Indicator

### 2.2 Key Features

- **Advanced Filtration:** Reduces PFAS, PFOA/PFOS, lead, chlorine, rust, heavy metals, chemical impurities, and improves taste and odor.
- **Certified Performance:** IAPMO certified to NSF/ANSI 42 for chlorine, taste, and odor reduction, and

NSF/ANSI 372 for lead-free materials.

- **Drill-Free Installation:** Features a no-drill wall mount with a rotary lock for easy under-sink setup.
- **Long Filter Life:** Provides up to 11,000 gallons or 12 months of filtration.
- **High Flow Rate:** Delivers a fast flow rate of 5.026 liters per minute (1.33 GPM).
- **Filter Life Indicator:** Integrated indicator alerts you when it's time to replace the filter.

## Advanced Purification for Clean Water

**NSF/ANSI 372 certified** Lead-free materials

**NSF/ANSI 42 certified** Reduce Chlorine, Taste & Odor

PFOA\* PFOS\* VOC\* Rust\* Heavy metals\* Chemical impurities\*

\*Tested by a third-party lab.  
Note: This product does not remove TDS and can only be connected to cold water lines.

**Drill Free**



Image: Waterdrop UL12B filter installed under a sink, showing certifications and contaminants reduced. Note: This product does not remove TDS and can only be connected to cold water lines.

**If you also need an extra faucet Choose**  
**WD-UL12B**

**If you only need a filter Choose**  
**WD-UL12A**

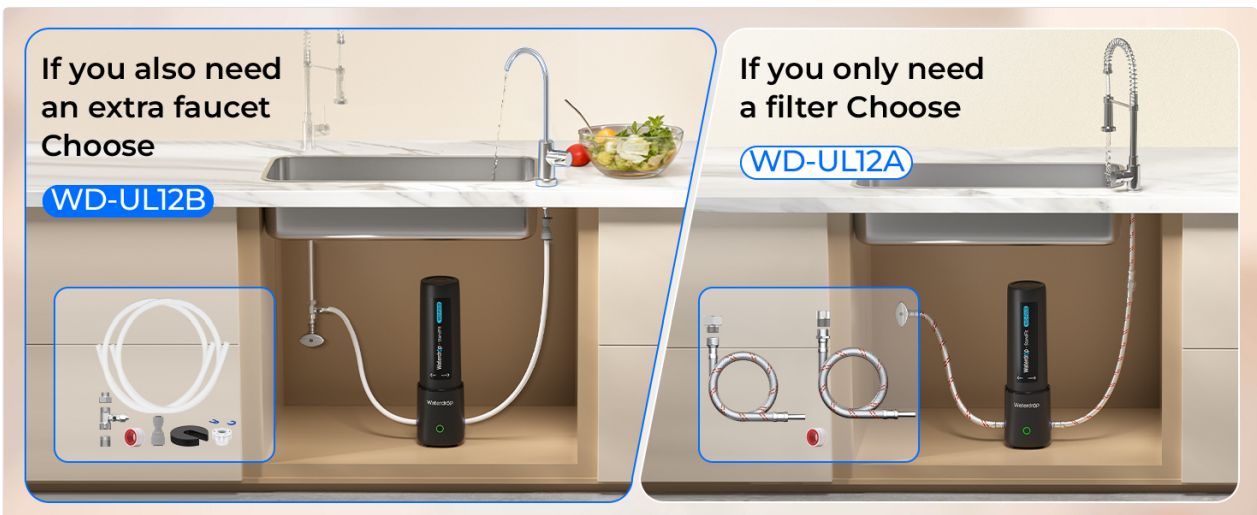


Image: IAPMO R&T Certificates of Listing for NSF/ANSI Standard 42 and 372 for the WD-UL12B filter.

## Faucet Installation Kit

Top mount, Tool-free, Easy to install

**360° Swivel**

**Deluxe Chrome Finish**

**STEP 1**  
Install from the top

**STEP 2**  
Lift and Twist



Image: Multi-stage filtration process diagram, showing reduction of various contaminants by polyester membrane and

activated carbon block.



Image: Comparison of Waterdrop's 3-layer filter with 20X filtration efficiency against a single-layer filter.

### 3. SAFETY INFORMATION

- This system is designed for use with cold water lines only. Do not connect to hot water.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- The system does not reduce Total Dissolved Solids (TDS). If TDS reduction is required, a Reverse Osmosis system may be more suitable.
- Ensure all connections are secure to prevent leaks.
- The product is made from BPA-free and lead-free materials.

### 4. SETUP AND INSTALLATION

#### 4.1 Before You Begin

- Ensure you have all components listed in Section 2.1.
- Turn off the main water supply to your sink.
- Gather necessary tools (though minimal tools are required for this drill-free system).

#### 4.2 Installation Steps

1. **Install the Faucet:** If using the included faucet, install it into an existing hole on your sink or countertop. The faucet features a 360-degree swivel and a chrome finish. Secure it from the top and twist to lock.
2. **Connect to the Filter:** Connect the inlet tubing to the filter unit. The system uses push-to-connect fittings for ease of installation.
3. **Connect the Water Supply:** Shut off the water supply. Remove the existing faucet hose from the cold water supply valve. Install the provided T-adapter to the cold water supply valve, then reconnect your original faucet hose to the T-adapter. Connect the filter's inlet tubing to the T-adapter.
4. **Connect to the Faucet:** Connect the outlet tubing from the filter unit to the dedicated faucet.
5. **Secure the Filter Unit:** The filter unit can be secured under the sink using its drill-free wall mount with a rotary lock. A suction cup base provides additional stability.



Image: Three-step setup guide for connecting the filter to the water supply and faucet.



Image: Faucet installation kit details, showing top mount and 360-degree swivel.

## 5. OPERATING INSTRUCTIONS

### 5.1 Initial Flushing

After installation, slowly turn on the cold water supply. Open the dedicated filtered water faucet and let the water run for at least 5-10 minutes. This flushes out any carbon fines and air from the system, ensuring optimal performance and taste.

### 5.2 Normal Operation

Once flushed, your system is ready for use. Simply open the dedicated filtered water faucet to dispense purified water. The system maintains a strong flow rate for quick filling.

## 6. MAINTENANCE

### 6.1 Filter Life Indicator

The Waterdrop UL12B system includes an integrated indicator light on the filter unit:

- **Green light flashing:** Indicates it is time to replace the battery for the indicator.
- **Red light flashing and beep:** Indicates it is time to replace the filter.

If no light is visible or a steady green light is shown, the filter and battery are functioning correctly. Tap the

indicator to save power.



Image: Filter life reminder indicator lights.

## 6.2 Filter Replacement

The filter should be replaced every 12 months or after filtering 11,000 gallons, whichever comes first, or when the red indicator light flashes.

1. Turn off the cold water supply to the filter system.
2. Twist the old filter cartridge counter-clockwise to unlock and remove it.
3. Insert the new filter cartridge and twist clockwise to lock it into place. No tools are required.
4. Turn on the cold water supply and flush the new filter for 5-10 minutes as per initial flushing instructions.



Image: Filter replacement process, highlighting tool-free and quick replacement.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Slow water flow	Clogged filter cartridge; Low water pressure; Kinked tubing	Replace filter cartridge; Check household water pressure; Straighten tubing
Water leaks	Loose connections; Damaged O-rings; Incorrectly installed filter	Tighten all connections; Check and replace O-rings if damaged; Reinstall filter correctly
Bad taste/odor returns	Filter cartridge expired or saturated	Replace filter cartridge
Filter indicator not working	Battery depleted	Replace the battery for the indicator.

## 8. SPECIFICATIONS

Specification	Value
Model Number	WD-UL12B

Specification	Value
Dimensions (L x W x H)	18L x 13.5W x 33H centimeters
Material	Plastic
Filter Capacity	11,000 Gallons
Filter Lifespan	12 Months
Max Flow Rate	5.026 Liters per minute (1.33 GPM)
Installation Type	Under-sink
Purification Method	Filtration
Power Source	Water Pressure
Max TDS Supported	300 PPM (Note: Does not reduce TDS)
Certifications	NSF/ANSI 42, NSF/ANSI 372 (IAPMO Certified)

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact Waterdrop customer service directly. Refer to the product packaging or the official Waterdrop website for contact details.