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American Plumber WPD-110

American Plumber WPD-110 Whole House Sediment Filter Cartridge

Instruction Manual

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your American Plumber WPD-110 Whole House Sediment Filter Cartridge. This filter is designed to reduce sediment particles from your water supply, protecting your plumbing and appliances. Please read these instructions thoroughly before beginning installation or use.



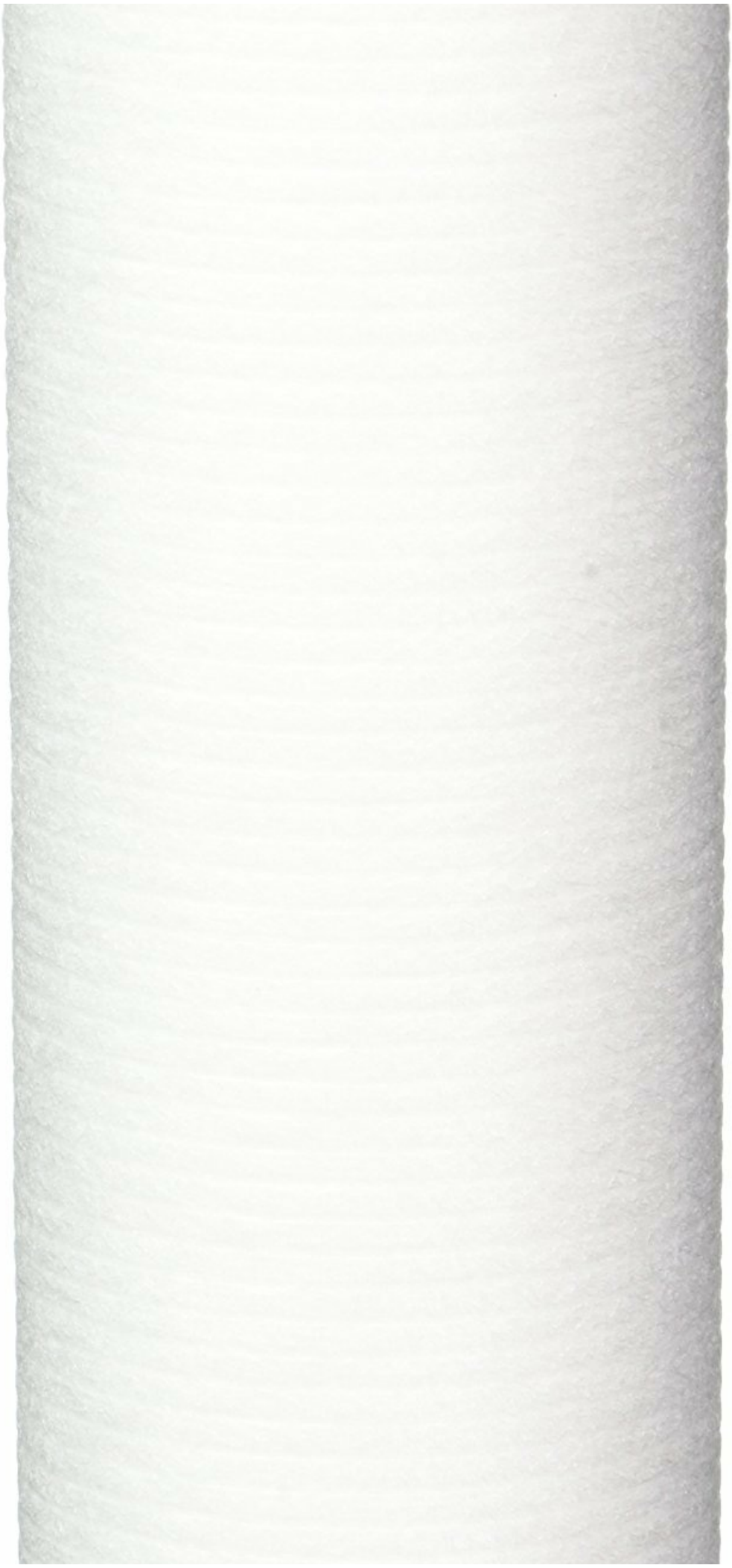




Figure 1: American Plumber WPD-110 Whole House Sediment Filter Cartridges.

2. Safety Information

Observe the following safety precautions to prevent injury or damage to the product:

- Always turn off the main water supply before installing or servicing the filter system.
- Relieve water pressure in the system before opening the filter housing.
- Use appropriate tools and follow all local plumbing codes.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Ensure all connections are secure to prevent leaks.

3. Product Overview

The American Plumber WPD-110 is a pleated cellulose whole house filter cartridge designed for effective sediment reduction. Key features include:

- **POLYDEPTH Polypropylene Design:** Protects valuable appliances and plumbing fixtures by effectively capturing sediment.
- **Thermal Bonded Micro-Fiber Construction:** Engineered to withstand high pressure differentials, ensuring durability and consistent performance.
- **Sediment Reduction:** Reduces particles as small as 5 microns in size.

4. Installation Instructions

This cartridge is designed for use in standard whole house filter housings. Refer to your filter housing's manual for specific installation steps. General steps for cartridge replacement are as follows:

1. **Turn Off Water Supply:** Locate and turn off the main water supply valve to your house.
2. **Relieve Pressure:** Open a nearby faucet to relieve pressure in the plumbing system. If your filter housing has a pressure relief button, press it to release trapped air.
3. **Unscrew Housing:** Using a filter wrench, slowly unscrew the filter housing sump from the cap.
4. **Remove Old Cartridge:** Carefully remove the old filter cartridge and discard it.
5. **Clean Housing:** Clean the inside of the filter housing sump with warm, soapy water. Rinse thoroughly. Inspect and lubricate the O-ring with a silicone lubricant if necessary.
6. **Insert New Cartridge:** Place the new American Plumber WPD-110 cartridge into the housing sump, ensuring it seats properly on the center standpipe.
7. **Reassemble Housing:** Screw the housing sump back onto the cap by hand until it is snug. Then, use the filter wrench to tighten it an additional 1/4 to 1/2 turn. Do not overtighten.
8. **Restore Water Supply:** Slowly turn on the main water supply. Check for leaks.
9. **Flush System:** Open a nearby cold water faucet and let the water run for several minutes to flush out any air and fine particles.

5. Operating Guidelines

Once installed, the American Plumber WPD-110 filter cartridge will continuously filter sediment from your whole house water supply. No special operation is required beyond regular maintenance. The filter operates passively as water flows through your plumbing system.

6. Maintenance and Replacement

Filter Replacement Schedule

The lifespan of your WPD-110 filter cartridge depends on your water quality and usage. It is recommended to replace the cartridge every 3 to 6 months, or sooner if you notice a significant drop in water pressure or a return of sediment in your water.

Replacement Procedure

Follow the steps outlined in the **Installation Instructions** (Section 4) to replace your used filter cartridge with a new one.

7. Troubleshooting

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Reduced Water Pressure	Clogged filter cartridge	Replace filter cartridge.
Water Leaks from Housing	Improperly seated O-ring, damaged O-ring, loose housing	Ensure O-ring is clean and properly seated. Replace O-ring if damaged. Tighten housing.
Sediment in Filtered Water	Filter bypass valve open, incorrect cartridge installation, filter media exhausted	Check bypass valve. Reinstall cartridge correctly. Replace filter cartridge.

8. Specifications

Technical specifications for the American Plumber WPD-110 Whole House Sediment Filter Cartridge:

Attribute	Value
Material	Polypropylene (PP)
Item Weight	14.1 ounces
External Testing Certification	NSF
Product Benefits	Protects appliances and plumbing fixtures with Polypropylene design
Brand	American Plumber
UPC	733353841555, 051678750520
Number of Items	2 (as per product listing, cartridge is sold in 2-pack)
Product Dimensions	5 x 2.3 x 10.3 inches
Manufacturer	American Plumber
Item model number	AMERICAN-PLUMBER-WPD-110

9. Warranty and Support

For specific warranty information or technical support regarding your American Plumber WPD-110 Whole House Sediment Filter Cartridge, please refer to the packaging or contact American Plumber customer service directly. Contact details are typically available on the manufacturer's official website or product packaging.

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