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Whirlpool WHKF-DWH

Whirlpool WHKF-DWH Whole House Water Filter Housing User Manual

Model: WHKF-DWH

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Whirlpool WHKF-DWH Whole House Water Filter Housing. This system is designed to provide clean, filtered water throughout your entire home, reducing sediment, sand, soil, silt, and rust from your water supply. It is suitable for households of 1-4 persons and features 3/4-inch stainless steel inlets for durability.

2. SAFETY INFORMATION

WARNING: Electrical Shock Hazard

Before installation or servicing, always turn off the main water supply and disconnect power to any water heaters or other electrical appliances connected to the plumbing system. Failure to follow these instructions could result in electrical shock or personal injury.

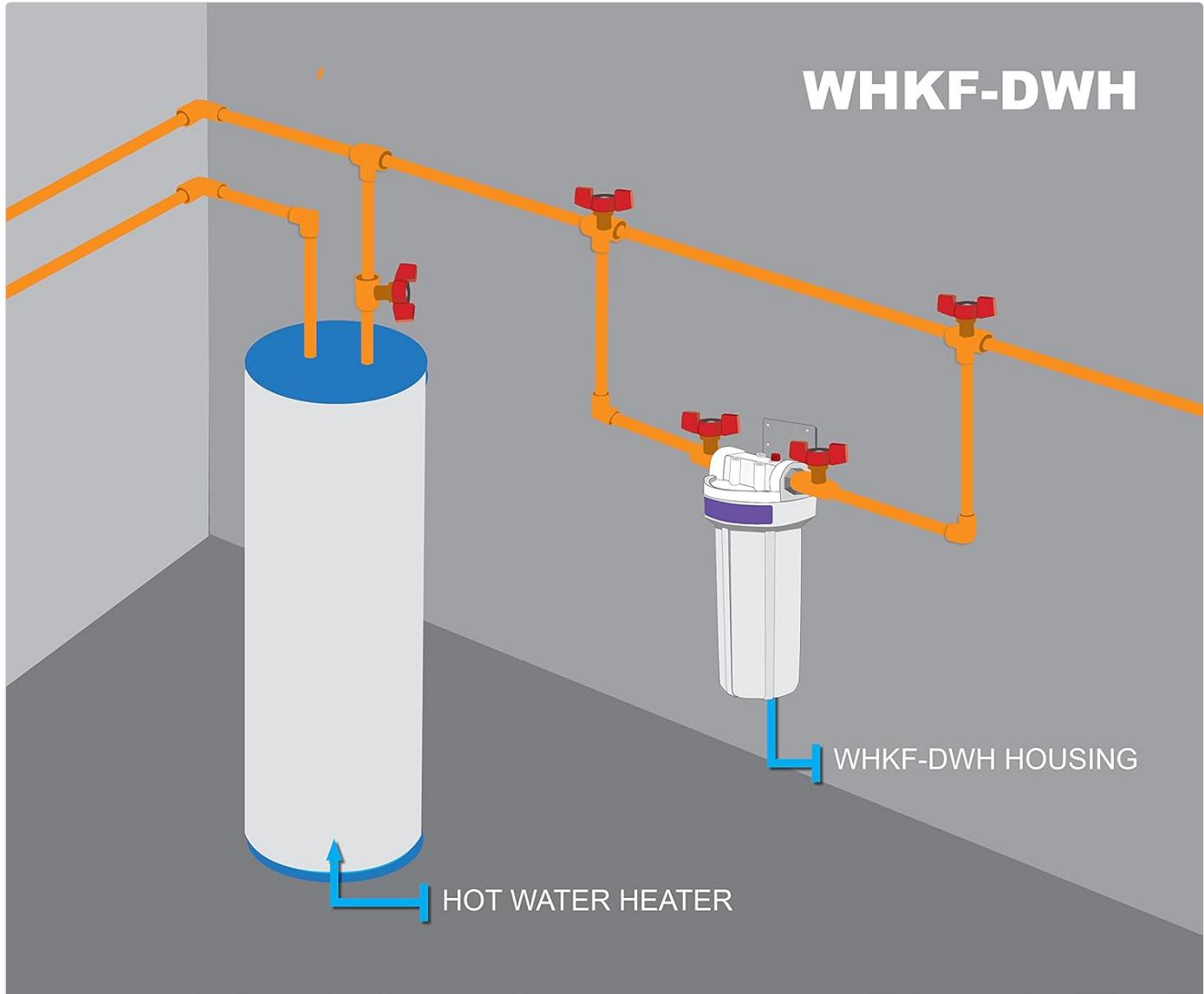
This water filter housing is designed for cold water use only. Do not install on hot water lines.

3. PACKAGE CONTENTS

Verify that all items are present before beginning installation:

- 1 x Whirlpool WHKF-DWH Filter Housing with pressure relief button
- 1 x Housing Wrench
- 1 x User Manual (this document)

WHKF-DWH



WHKF-DWH is a Point-of-Entry system can be installed inside your garage or in the basement on the main water line.

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Image: The Whirlpool WHKF-DWH filter housing, a housing wrench, and the user manual are included in the package. The housing is white with a clear sump, and the wrench is blue.

4. PRODUCT FEATURES

- 3/4-inch Stainless Steel Inlets:** Durable inlets designed to last longer than plastic alternatives, ensuring a secure connection to your plumbing.
- Built-in Pressure Relief Button:** Facilitates easier filter replacement by releasing pressure within the housing.
- NSF Tested and Certified:** Certified by the National Sanitation Foundation International against NSF/ANSI Standard for material safety and structural integrity.
- Rubber O-Ring:** Ensures a secure and leak-proof seal for reliable operation.
- Household Capacity:** Ideal for households with 1-4 persons.
- Compatible Filters:** Designed for use with Whirlpool genuine replacement filters including WHKF-GD05, WHKF-WHPL, WHKF-WHSH, and WHKF-WHWC.



WHKF-DWH

FEATURES & BENEFITS



3/4" Stainless Steel Inlets lasts longer than plastic inlets.

Built in Pressure Relief Button for quick filter changes



WHKF-DWH is rated for a 1-4 person household

Rubber O-Ring to ensures a secure and leak proof seal

WHKF-DWH is best used with these Whirlpool® genuine replacement filters:

- WHKF-WHPL
- WHKF-WHWC
- WHKF-WHSH
- WHKF-GD05

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Image: This graphic highlights key features of the WHKF-DWH, including 3/4-inch stainless steel inlets, a built-in pressure relief button, suitability for 1-4 person households, and a rubber O-ring for a leak-proof seal. It also lists compatible Whirlpool replacement filters.



Image: A visual representation of the WHKF-DWH filter housing, indicating its approximate dimensions: 12 1/4 inches in height and 4 3/4 inches in width.

5. SETUP (INSTALLATION)

The Whirlpool WHKF-DWH is a Point-of-Entry system, meaning it is installed on your main water line to filter all water entering your home. Installation can be complex and may require professional plumbing assistance. Ensure you have adequate space and accessibility for future filter changes.

Installation Overview:

- Plan Location:** Choose a location on your main water line, typically in a basement, garage, or utility area, where the filter will be easily accessible for maintenance.
- Shut-off Valves:** Install shut-off valves on both sides of the filter housing. A bypass pipe around the housing is recommended for continued water supply during filter changes.
- Mounting:** Securely mount the filter housing using a compatible mounting bracket (e.g., Whirlpool WHKF-B6, sold separately) to provide additional support.

- Connect Plumbing:** Connect the filter housing to your plumbing using appropriate fittings. Additional fitting adapters may be required depending on your pipe sizes. Ensure all connections are tight to prevent leaks.
- Initial Flush:** After installation, slowly turn on the water supply and check for leaks. Flush the system according to the detailed instructions in the included user guide to remove any air or carbon fines.

WHKF-DWH

INCLUDES

1 - Housing
with pressure
relief button



Housing Wrench

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Image: A diagram illustrating the typical installation of the WHKF-DWH as a Point-of-Entry system on a main water line, often near a hot water heater, inside a garage or basement.

Official Product Videos:

Your browser does not support the video tag.

Video: This video provides an overview of Whirlpool Water Filtration Housings, showcasing their features and benefits for whole home water treatment.

Your browser does not support the video tag.

Video: A product video specifically for the Whirlpool WHKF-DWH water filtration system, detailing its design and functionality.

6. OPERATING

Once properly installed, the Whirlpool WHKF-DWH Whole House Water Filter Housing operates continuously, filtering all incoming water to your home. There are no active controls required for daily operation. The system works passively to reduce sediment and other particles from your water supply.

7. MAINTENANCE

Regular filter replacement is crucial for optimal performance. The frequency of replacement depends on your water quality and household usage, but it is generally recommended to replace filters every 3-6 months.

Filter Replacement Procedure:

1. **Turn Off Water Supply:** Close the shut-off valves on both sides of the filter housing to stop water flow.
2. **Release Pressure:** Press the red pressure relief button on top of the housing to release any trapped pressure.
3. **Unscrew Housing:** Use the provided housing wrench to unscrew the clear sump from the housing head. Be prepared for some water spillage as the sump detaches.
4. **Remove Old Filter:** Discard the used filter cartridge.
5. **Clean Housing:** Clean the inside of the clear sump and inspect the O-ring. Apply a thin coating of silicone grease to the O-ring to maintain its seal and prevent sticking. *Do not use petroleum-based greases as they can damage the O-ring.*
6. **Insert New Filter:** Place a new, compatible Whirlpool filter cartridge (e.g., WHKF-GD05, WHKF-WHPL, WHKF-WHSC, WHKF-WHWC) into the sump.
7. **Reassemble Housing:** Carefully align the sump with the housing head and screw it back on by hand until snug. Then, use the wrench for a final quarter-turn to ensure a tight seal.
8. **Restore Water Supply:** Slowly open the shut-off valves. Check for any leaks around the housing. If leaks occur, tighten slightly or re-check O-ring placement.

BENEFITS OF CLEAN WATER



*Whirlpool Whole Home Water Filtration
can improve the water in your home
and the quality of life for your entire family.*

Whirlpool®
Every day, care.

Image: A selection of Whirlpool replacement filter cartridges, including sediment and carbon block types, compatible with the WHKF-DWH housing.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Water leaks from housing connections	Loose connections, damaged O-ring, improper O-ring seating, insufficient Teflon tape on threaded pipes.	Ensure all connections are tightened. Inspect the O-ring for damage and proper seating; replace if necessary. Apply silicone grease to the O-ring. Re-tape threaded pipe connections with sufficient Teflon tape (wrap clockwise).
Pressure relief button not working	System still under pressure, button mechanism stuck.	Ensure main water supply is completely off. Press the button firmly. If still stuck, gently tap the button area.
Reduced water flow	Clogged filter cartridge.	Replace the filter cartridge.

Problem	Possible Cause	Solution
Housing appears cracked or damaged	Physical impact, material fatigue, excessive water pressure.	Immediately shut off water supply to prevent flooding. The housing cannot be repaired and must be replaced. Contact Whirlpool customer support.

9. SPECIFICATIONS

Specification	Detail
Model Name	WHKF-DWH
Product Dimensions (L x W x H)	4.75" x 4.75" x 12.25"
Installation Type	Whole House (Point-of-Entry)
Purification Method	Sedimentation
Inlet/Outlet Size	3/4-inch Stainless Steel
Upper Temperature Rating	100 Degrees Fahrenheit (37.8°C)
Supported Water TDS Level Maximum	500 PPM
Material	NSF Certified Materials
Item Weight	2.92 pounds

10. WARRANTY AND SUPPORT

Specific warranty details for the Whirlpool WHKF-DWH Whole House Water Filter Housing are typically provided with the product packaging or can be found on the official Whirlpool website. Please refer to these resources for the most accurate and up-to-date warranty information.

For technical assistance, replacement parts, or further inquiries, please contact Whirlpool customer support. Contact information can usually be found in the product documentation or on the Whirlpool brand website.