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Culligan WH-HD200-C

Culligan WH-HD200-C Whole House Water Filter System User Manual

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Culligan WH-HD200-C Whole House Water Filter System. This heavy-duty system is designed to filter water entering your home, reducing sediment, rust, and scale to improve water quality and protect your plumbing and appliances.

2. SAFETY INFORMATION

- Always turn off the main water supply before beginning installation or maintenance.
- Release water pressure from the system by opening a nearby faucet before servicing.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation and maintenance.
- Ensure all connections are secure and leak-free before restoring water pressure.
- If you are not comfortable performing the installation, consult a qualified plumber.
- Do not overtighten plastic components, as this may cause damage.

3. PACKAGE CONTENTS

The Culligan WH-HD200-C system includes the following components:

- WH-HD200-C Filter Housing with Clear Sump
- Mounting Bracket
- Housing Wrench
- Filter Life Indicator (battery included)
- Built-in Shut-off and Bypass Valve
- Pressure Relief Valve
- Installation Guide

Note: Filter cartridges are sold separately. Refer to the "Compatible Cartridges" section for recommended options.

4. SETUP & INSTALLATION

The Culligan WH-HD200-C is a point-of-entry system designed for installation on your main water line. It should be installed after your water meter or pressure tank, and before any other water treatment devices (e.g., water softeners, drinking water filters).

4.1. Choosing an Installation Location

- Select a location that is easily accessible for filter changes and maintenance. Ensure at least 1.5 inches of clearance below the housing for removal.
- The system requires sufficient space on either side for plumbing connections.
- Mount the system to a sturdy surface, such as a wood stud or concrete wall, to support its weight when filled with water.

4.2. Tools and Materials Required (Not Included)

- Pipe cutter or hacksaw
- Adjustable wrenches (2)
- File or deburring tool
- Teflon tape (thread sealant)
- Pencil or marker
- Measuring tape
- Drill and appropriate drill bits (for mounting bracket)
- Pipe fittings suitable for your plumbing type (e.g., 1-inch quick connect adapters, compression fittings, or sweat fittings).
- Food-grade silicone grease (for O-rings, recommended for easier maintenance and leak prevention).

4.3. Installation Steps

1. Prepare for Installation:

- Turn off the main water supply to your home.
- Open the nearest faucet to relieve water pressure and drain the pipes.

2. Attach Mounting Bracket:

- Align the holes on the mounting bracket with the corresponding holes on the back of the filter head.
- Secure the bracket to the filter head using the provided screws. Ensure the arrows on the filter head align with your water flow direction (e.g., left to right).

3. Prepare Pipe Fittings:

- Wrap the pipe threads of your chosen fittings (e.g., 1-inch quick connect adapters) with approximately 6 inches of Teflon tape in a clockwise direction.
- Screw the fittings into the filter head by hand, then tighten with a wrench. Do not overtighten.

4. Cut and Prepare Main Water Line:

- Measure the length of your filter head with the attached fittings. Determine the section of your main water line that needs to be removed to accommodate the filter system. Allow for sufficient pipe engagement into the fittings.
- Mark the section of pipe to be removed.
- Using a pipe cutter or hacksaw, carefully cut and remove the marked section of pipe.
- File down any sharp edges or burrs from the cut pipe ends to ensure a smooth connection.

5. Install Filter System:

- Position the filter system into the gap in your main water line.
- Push the pipe ends firmly into the quick connect adapters until they hit a hard stop, ensuring full engagement.
- Drill the mounting bracket into your wall using appropriate screws for your wall type (e.g., wood screws for studs, masonry anchors for concrete).

6. Insert Filter Cartridge:

- Ensure the filter cartridge is properly seated over the standpipe at the bottom of the clear housing.
- Carefully screw the clear housing with the filter cartridge into the filter head. Hand-tighten first, then use the provided housing wrench to tighten firmly. Do not overtighten.

7. Restore Water Supply:

- Turn the bypass valve to the "FILTER" position using the housing wrench. It may be stiff the first time.
- Slowly turn on the main water supply to your home.
- Slowly press the red pressure relief button on top of the filter head to release any trapped air.
- Open the nearest faucet and let water run for approximately 10 minutes to flush the filter cartridge and allow the system to depressurize. Some sputtering is normal initially.
- Check all connections for leaks. If leaks occur, turn off water, relieve pressure, and re-tighten connections.

4.4. Installation Videos

Culligan Whole House Filter Installation Video

Your browser does not support the video tag.

This video provides a general overview of the installation process for Culligan whole house water filter systems, including models like the WH-HD200-C. It covers key steps from preparation to final checks.

4.5. Product Images



Front view of the Culligan WH-HD200-C Whole House Water Filter System, showcasing its clear housing and bypass valve.



Detailed front view of the Culligan WH-HD200-C, highlighting the clear sump and stainless steel reinforced cap.



Side view of the filter system, showing the inlet/outlet ports and the bypass valve mechanism.



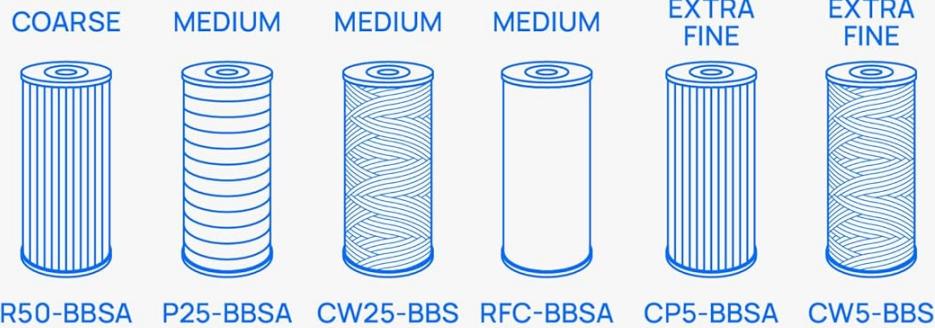
The Culligan WH-HD200-C with a filter cartridge installed, visible through the clear housing.



An example installation of the Culligan WH-HD200-C system on a main water line with copper pipes.

Selection guide

Culligan Whole Home Heavy Duty Filters



	COARSE R50-BBSA	MEDIUM P25-BBSA	MEDIUM CW25-BBS	MEDIUM RFC-BBSA	EXTRA FINE CP5-BBSA	EXTRA FINE CW5-BBS
Sediment	✓	✓	✓	✓	✓	✓
Rust and scale	✓	✓	✓	✓	✓	✓
Coarse sand	✓	✓	✓	✓	✓	✓
Sand			✓	✓	✓	✓
Fine sand				✓	✓	✓
Extra fine sand					✓	✓
Silt				✓	✓	✓
Chlorine				✓		
Micron rating	50	25	25	25	5	5
Filter life	6 Months 24,000 Gal.	5 Months 20,000 Gal.	5 Months 20,000 Gal.	3 Months 10,000 Gal.	3 Months 12,000 Gal.	4 Months 16,000 Gal.
Flow rate (GPM)	10	8	8	3	8	8

A selection guide for compatible Culligan Whole Home Heavy Duty Filters, detailing micron ratings, filter life, and flow rates.



Easy to install

DIY design to easily change your filter



Durable design

Filter housing with a stainless steel reinforced cap



WQA certified

Tested and certified by WQA for structural integrity



Universal fit

Compatible with most GE, Whirlpool, Omni, Dupont and 3M Filtrete filtration filters

Key features of the Culligan WH-HD200-C, including easy installation, durable design, WQA certification, and universal fit.



Whole Home filtration

Cleaner, filtered water for the whole home



Protects home appliances

Helps extend the life of washing machines, water heaters, softeners, and appliances that use water



Heavy duty filtration

Supports high water flow on your 1-inch main water line at point of entry



Filter sold separately

From fine to coarse filtration, choose the filter that meets your needs

Benefits of whole home filtration, heavy-duty filtration, and appliance protection provided by the Culligan system.

5. OPERATION

5.1. Bypass Valve

The system features a built-in bypass valve, allowing you to divert water around the filter for maintenance or if filtered water is not required. The valve has three positions:

- **FILTER:** Water flows through the filter cartridge. (Default operating position)
- **BYPASS:** Water bypasses the filter. Use this position when changing the filter or if filtered water is not needed.
- **OFF:** Water supply to the system is shut off.

To change the valve position, use the provided housing wrench for leverage, as the valve can be stiff.

5.2. Filter Life Indicator

The filter life indicator is a battery-operated monitor that helps track when your filter cartridge needs replacement. Press the

"RESET" button for 2 seconds after each filter change to reset the timer.

6. MAINTENANCE

6.1. Filter Cartridge Replacement

Filter cartridges should be replaced regularly based on water quality and usage, or when the filter life indicator signals replacement. The clear housing allows for visual inspection of the filter's condition.

1. Turn off the main water supply to the system by setting the bypass valve to "OFF" or "BYPASS".
2. Open a nearby faucet to relieve pressure.
3. Press the red pressure relief button on top of the filter head to release any remaining pressure.
4. Using the housing wrench, unscrew the clear filter housing.
5. Remove the old filter cartridge and dispose of it properly.
6. Clean the inside of the filter housing with warm, soapy water. Rinse thoroughly.
7. Inspect the O-ring for any damage or wear. Apply food-grade silicone grease to the O-ring to ensure a proper seal and prevent leaks. Replace the O-ring if necessary.
8. Insert a new filter cartridge, ensuring it seats correctly over the standpipe.
9. Screw the clear housing back onto the filter head. Hand-tighten first, then use the housing wrench to tighten firmly. Do not overtighten.
10. Slowly turn the bypass valve to the "FILTER" position.
11. Slowly turn on the main water supply.
12. Press the red pressure relief button to release trapped air.
13. Flush the new filter by running water from a nearby faucet for 10 minutes.
14. Reset the filter life indicator by holding the "RESET" button for 2 seconds.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Water Leakage	Loose connections, damaged O-ring, cracked housing.	Turn off water, relieve pressure. Check and tighten all fittings. Inspect O-ring for damage; replace if necessary and apply silicone grease. If housing is cracked, it needs replacement.
Low Water Pressure	Clogged filter cartridge, trapped air in the system.	Replace the filter cartridge. Press the red pressure relief button to release trapped air. Ensure the bypass valve is fully in the "FILTER" position.
Valve is Hard to Turn	Lack of lubrication, stiff mechanism.	Use the provided housing wrench for leverage. If persistent, consider applying food-grade silicone grease to the valve mechanism (consult a professional if unsure).
Water Not Filtering	Bypass valve in "BYPASS" or "OFF" position, missing filter.	Ensure the bypass valve is set to "FILTER". Verify a filter cartridge is correctly installed.

If troubleshooting steps do not resolve the issue, please contact Culligan customer support.

8. SPECIFICATIONS

- **Model:** WH-HD200-C
- **Inlet/Outlet Size:** 1 inch
- **Housing Material:** Clear Sump, Stainless Steel Reinforced Cap
- **Product Dimensions:** 8.26" L x 7.48" W x 16.33" H
- **Weight:** 3 Pounds
- **Maximum Capacity:** 16,000 Gallons (with compatible filter)
- **Special Features:** Heavy Duty, WQA Certified, Rust Resistant, Built-in Shut-off/Bypass, Pressure Relief Valve, Filter Life Indicator
- **Installation Type:** In Line
- **Purification Method:** Sedimentation (depends on filter cartridge)
- **Power Source:** Not Powered (Filter Life Indicator uses 1 Lithium Metal battery, included)

9. WARRANTY INFORMATION

Culligan products are backed by a limited warranty. For specific details regarding your product's warranty coverage, including terms, conditions, and how to make a claim, please refer to the warranty card included with your purchase or visit the official Culligan website. Keep your proof of purchase for warranty purposes.

10. CUSTOMER SUPPORT

If you have any questions, require assistance with installation, operation, or maintenance, or need to order replacement parts, please contact Culligan Customer Support:

- **Website:** www.culligan.com
- **Phone:** Refer to your product packaging or the Culligan website for the most current contact numbers.
- **Online Resources:** Visit culligandiyl.com for additional DIY installation guides and resources.