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› Doulton Biotect Ultra Ceramic Water Filter Instruction Manual

DOULTON FBM-IE-W9123050

Doulton Biotect Ultra Ceramic Water Filter Instruction Manual

Model: FBM-IE-W9123050

INTRODUCTION

The Doulton Biotect Ultra is an advanced ceramic filter element designed to provide clean, great-tasting drinking water. Handcrafted in Britain, this filter significantly reduces a wide range of contaminants, including bacteria, particulates, turbidity, cysts, chlorine, and lead. Its unique ceramic structure incorporates silver to inhibit bacterial growth on the element itself, ensuring enhanced water quality and filter longevity.

This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your Doulton Biotect Ultra filter.

PRODUCT OVERVIEW



Image: The Doulton Biotect Ultra ceramic water filter element.

BioTect Ultra Ceramic Water Filter

For use with undercounter:
HIP BioTect Ultra Inline, HIP
DUO and HIP TRIO filter
systems



Image: Diagram illustrating the internal structure and benefits of the Doulton Biotect Ultra filter, highlighting NSF certification, contaminant reduction, and BPA-free materials.

The Biotect Ultra filter is designed for use with Doulton HIP Inline, HIP DUO, and HIP TRIO under-counter filter systems. It is certified by NSF to NSF/ANSI 42 and 53 standards, ensuring its performance in reducing common water contaminants.

- **Contaminant Reduction:** Effectively removes suspended solids, cloudiness, parasites, pathogenic bacteria, chlorine, bad taste, lead, and over 230 other impurities.
- **NSF Certified:** Meets rigorous standards for water filtration performance.
- **Sustainable:** Made from 100% natural ceramic, reducing plastic waste compared to synthetic cartridges.
- **Self-Sterilizing:** Unique BioTect protection prevents bacterial growth on the ceramic element.
- **Re-cleanable:** The ceramic surface can be cleaned to extend filter life.

SETUP AND INSTALLATION

The Doulton Biotect Ultra filter element is intended for installation into compatible Doulton under-counter filter housings (e.g., HIP Inline, HIP DUO, HIP TRIO). Refer to the specific installation manual for your Doulton filter housing for detailed instructions.

General Installation Steps (for filter element replacement):

1. **Turn off Water Supply:** Locate the cold water supply valve leading to your filter system and turn it off completely.
2. **Depressurize System:** Open the filtered water faucet to release any pressure in the system. Allow water to drain until flow stops.
3. **Open Filter Housing:** Carefully unscrew the filter housing sump from the head. You may need a filter wrench.

4. **Remove Old Filter:** Remove the used filter element and dispose of it properly.
5. **Clean Housing:** Clean the inside of the filter housing sump with warm, soapy water. Rinse thoroughly. Inspect the O-rings for any damage and replace if necessary. Lubricate O-rings with food-grade silicone grease if needed.
6. **Install New Filter:** Carefully insert the new Doulton Biotect Ultra filter element into the housing sump, ensuring it seats correctly. The M12 thread on the filter should align with the corresponding fitting in the housing head.
7. **Reassemble Housing:** Screw the filter housing sump back onto the head. Hand-tighten, then use a filter wrench to tighten an additional 1/4 to 1/2 turn. Do not overtighten.
8. **Restore Water Supply:** Slowly turn on the cold water supply valve. Check for leaks.
9. **Flush System:** Open the filtered water faucet and allow water to run for at least 5-10 minutes to flush out any air and fine ceramic particles. Initial water may appear cloudy; this is normal and will clear.



Image: Close-up of the Doulton Biotect Ultra filter showing the M12 thread and authentication details on the cap.

OPERATING INSTRUCTIONS

Once installed and flushed, your Doulton Biotect Ultra filter operates automatically as water flows through your compatible Doulton under-counter system. Simply open your filtered water faucet to dispense purified water.

- **Initial Use:** After installation and flushing, the water is ready for consumption.
- **Flow Rate:** The filter may slightly reduce the flow rate of your filtered water faucet compared to an unfiltered tap. This is normal and indicates the water is passing through the filtration media.
- **Taste and Odor:** You should notice a significant improvement in the taste and odor of your drinking water.

MAINTENANCE

Regular maintenance of your Doulton Biotect Ultra filter is crucial for optimal performance and longevity. The ceramic element is re-cleanable, allowing you to restore flow rate and extend its effective life.

Cleaning the Filter Element:

Over time, the outer surface of the ceramic filter may accumulate impurities, leading to a reduced flow rate. This indicates it's time for cleaning.

- 1. Turn off Water Supply:** As with installation, turn off the cold water supply to the filter system and depressurize.
- 2. Remove Filter:** Carefully remove the filter element from its housing.
- 3. Clean Ceramic Surface:** Using a soft brush or a clean, abrasive pad (like a Scotch-Brite pad) and clean water, gently scrub the entire outer surface of the ceramic element. Do not use soap or detergents. Scrub until the white ceramic surface is clean and free of discoloration.
- 4. Rinse Thoroughly:** Rinse the filter element under running water to remove all loosened particles.
- 5. Reinstall:** Reinstall the cleaned filter element into the housing, following the installation steps outlined above.
- 6. Flush System:** Flush the system for 5-10 minutes after reinstallation.

Recommended Replacement Interval: The manufacturer recommends replacing the Doulton Biotect Ultra filter element every 6 months or after filtering 2300 liters (approximately 12.6 liters per day for 6 adults), whichever comes first. Regular replacement ensures continued high-quality filtration.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Reduced Water Flow	Filter surface is clogged with impurities.	Clean the ceramic filter element as described in the Maintenance section.
Reduced Water Flow	Air trapped in the system.	Flush the system by running water through the filtered faucet for several minutes until flow stabilizes.
Water Tastes/Smells Bad	Filter element has reached the end of its service life.	Replace the filter element with a new Doulton Biotect Ultra filter.
Water Tastes/Smells Bad	Improper flushing after installation/cleaning.	Flush the system thoroughly for 10-15 minutes.
Leaks from Housing	Housing not tightened properly or damaged O-ring.	Ensure housing is hand-tightened, then an additional 1/4 to 1/2 turn with a wrench. Inspect and replace O-rings if damaged.

SPECIFICATIONS

Attribute	Detail
Model Number	FBM-IE-W9123050 (W9123050)
Material	Ceramic, Plastic

Attribute	Detail
Product Dimensions (Approx.)	3"D x 3"W x 15"H
Item Weight	0.36 Kilograms (12.7 ounces)
External Testing Certification	NSF/ANSI 42, NSF/ANSI 53
Product Benefits	Removes over 230 impurities including bacteria, parasites, chlorine, lead; reduces cloudiness and bad taste. Sustainable and self-sterilizing.
Recommended Replacement	Every 6 months or 2300 liters
Manufacturer	Doulton
UPC	822355004614

WARRANTY AND SUPPORT

Specific warranty information for the Doulton Biotect Ultra filter element is typically provided with the product packaging or can be found on the official Doulton website. For technical support, product inquiries, or warranty claims, please contact Doulton customer service directly.

Visit the official Doulton website for the most up-to-date contact information and support resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question