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RWF3000 Replacement Water Filter



Product Code: RWF3000

RWF3000 High-Capacity PFAS & Contaminant Water Filter

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Compatible with Washware Essentials Models: WCWM water cooler and WCBF bottle filler cooler.

Why Choose the RWF3000?

The RWF3000 is a premium-grade replacement water filter cartridge, built on the proven filtration technology of Murdock's 3,000-gallon PFAS filter. Designed for demanding environments, it delivers superior water quality and peace of mind for your WCWM and WCBF systems.

Key Features & Benefits

Two-Stage Filtration - The RWF3000 uses a dual-stage design combining hollow core fiber and a carbon block to deliver robust performance.
Broad Contaminant Reduction - PFAS: Reduces total PFAS, including PFOA, PFOS, PFHpA, PFHxS, and PFNA.
Lead: Greater than 99.7% reduction at rated test conditions.
Chlorine & Taste/Odour: Meets NSF/ANSI 42 standard for taste, smell, and particulates.
Cysts / Bacteria: Certified to remove microorganisms to 0.1 micron (99.9% bacteria removal) via ASTM F838-20.
Microplastics: Certified reduction under NSF/ANSI 401.
Long Service Life: Rated for up to 3,000 gallons (approx. 11,356 litres), or one year, whichever comes first.
Solid Flow Rate: Maximum permitted flow rate of 1.25 GPM (~1.9 L/min), ensuring good water delivery during peak use.

Temperature & Pressure

- Tested for use in the range of 2 °C to 38 °C.
- Maximum operating pressure: 105 PSIG (724 kPa).

Easy Replacement

- Twist-in cartridge design with a hygienic cap for safe handling.

Certifications

- Complies with NSF/ANSI standards: 42, 53, 401, and also meets ASTM F838-20 for bacterial reduction.

Installation & Maintenance

Installation:

- Ensure the filter is used for cold water only (maximum 38 °C) to protect integrity.
- Insert the cartridge into the filter head and twist clockwise until it locks into place.
- After fitting, flush approximately 23 litres (6 US gallons) before use: per Murdock instructions, either 12 minutes via bubbler or 6 minutes via bottle filler.

Replacement

- Replace the RWF3000 every 12 months or when the 3,000-gallon capacity is reached, or sooner if flow noticeably drops.
- Do not use with water of unknown microbial quality without disinfection before or after filtration.

Compatibility with Washware Essentials

- WCWM (Washware Water Cooler Model) and WCBF (Washware Bottle Filler).
- The RWF3000 integrates seamlessly into these systems, providing your users with high-quality filtered water while leveraging Murdock's proven filter design.
- Filter Housing: Your system must support a filter head compatible with Murdock-style cartridges (or the appropriate adapter) to properly mount the RWF3000.

Safety & Regulatory Notes

- Ensure installations comply with local plumbing regulations.
- Use only with cold water supply.
- Protect the filter from freezing.
- Follow wash and flush procedure after installation to avoid any initial fine carbon dust.

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