



EVERPURE Dirtyclean CPF Ultrafiltration Water Purifier

Recommended for use in conjunction with Everpure filtration system

Safeguard your backend water purification system, adeptly managing high-demand water usage.



In instances where the raw water quality is compromised, featuring elevated levels of sediment, suspended particles, and colloids, issues such as clogging can easily arise in water purification equipment. This can result in decreased water output, or even a complete cessation, significantly impacting the water quality for businesses and hindering production efficiency, particularly during peak periods. The frequent replacement of backend filters not only disrupts regular operations but also entails an increase in operational costs to a certain extent.



Occurrence of filter blockage in various application settings



Dirtyclean CPF-20BB



Dirtyclean CPF-40BB

The Everpure Dirtyclean CPF Ultrafiltration Water Purifier is specifically engineered to tackle these challenges, serving as your comprehensive commercial water solution for a variety of applications.

- Effectively prolongs the lifespan of the primary filter, thereby safeguarding the backend water purification equipment.
- Boasts a substantial water flow, enabling it to seamlessly handle peak water usage, even during high-demand periods.

Product Features

High Flow Capacity and Efficient Removal of Escherichia Coli

- Maximum filling efficiency of the simplified UF membrane filaments
- Boasting an expansive surface area of up to 5.5m²*
- Precision filtration utilizing UF ultrafiltration membrane to physically eliminate potential pathogenic bacterial groups, including Escherichia coli. This process effectively reduces raw water turbidity, visible impurities, and bacterial** indicators.

*The calculated membrane area is based on theoretical assessments conducted by Pentair Suzhou Laboratory.

** Bacteria, in this context, specifically refer to Escherichia coli.

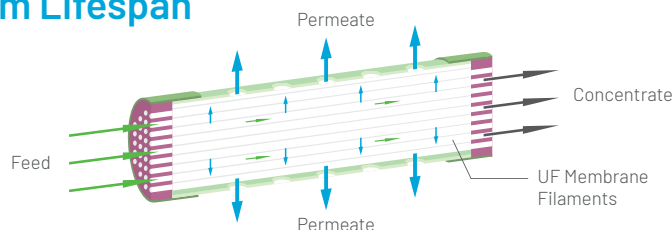
Stringent Material Selection and Robust Manufacturing Processes for Structural Stability and High Compression Resistance

- Stainless steel tube wall thickness is designed to achieve 1.1mm.
- Strict control over manufacturing processes ensures a high level of product stability.
- Complies with structural integrity testing requirements: cycles (water hammer): 0-150psi/100,000 times, static pressure: 15 minutes @ 300psig*

*Pentair Suzhou Laboratory confirms the testing based on the aforementioned requirements.

Effective Flushing for an Extended System Lifespan

- Utilizes an internal pressure ultrafiltration system, ensuring high flow rates to the membrane surface during both forward and reverse flushing. The distribution is uniform, guaranteeing a more thorough and effective flushing process.



Installation Guidelines

- Carefully choose the installation location, with special consideration for load-bearing walls if wall-mounted.
- The equipment is intended for horizontal installation; however, adaptation to on-site conditions allows for horizontal or inverted installation.
- After a thorough 30-minute flush of the drain outlet, the system is ready for normal operation.

Operational Tips

- The recommended lifespan for the filter cartridge is 12-36 months.
- The usage period serves as a suggested replacement cycle; actual lifespan may vary based on real water usage conditions and local tap water quality.
- Under standard tap water conditions, it is advisable to flush the system every 4 hours for 3 minutes.
- In regions with suboptimal raw water quality, it is recommended to increase the flushing frequency, particularly before and after peak hours at the store.
- During flushing, the water output speed is maintained at half of the normal operating flow rate, generally without impacting non-peak water usage at the store.

Product Specifications

Product Model	Dirtyclean CPF-20BB	Dirtyclean CPF-40BB
Order Number	SA31306	SA31307
Product Name	Everpure Dirtyclean CPF-20BB Ultrafiltration Water Purifier	Everpure Dirtyclean CPF-40BB Ultrafiltration Water Purifier
Net Water Flow Rate (L/min)	8	12
Rated Total Water Volume (m ³)	10	10
Filtration Precision (µm)	0.1	0.1
Inlet	3/4 Inch	3/4 Inch
Outlet	3/4 Inch	3/4 Inch
Operating Pressure (MPa)	0.14~0.35	0.14~0.35
Ambient Temperature (°C)	5~38	5~38
Product Dimensions (Diameter X Length mm)	ø108 x 540	ø108 x 800
Product Net Weight (kg)	5	7
Filter Cartridge	Ultrafiltration	Ultrafiltration

Smart, Sustainable Water Solutions For Life

Pentair was founded in 1966 and is headquartered in Minnesota, USA. Everpure, a brand of Pentair, has been one of the most trusted brands in the foodservice industry since 1933. An expansive portfolio of technologies and products are designed to be the right sized to deliver the exact water quality specifications needed to meet operator's ingredients and process water requirements. Pentair had revenue in 2022 of approximately USD 4.1 billion, and trades under the ticker symbol PNR. With approximately 11,250 global employees serving customers in more than 150 countries, we work to help improve lives and the environment around the world.

At Pentair, we are driven to create a better world through smart, sustainable water solutions. We help the world sustainably move, improve, and enjoy water, life's most essential resource. From our residential and commercial water solutions, to industrial water management and everything in between, Pentair is focused on driving innovation that helps our planet and people thrive.

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About Everpure

Everpure, a brand of Pentair, is dedicated to providing one-stop water solutions for commercial organizations across the world. With outstanding products and services, Everpure has successfully served numerous clients, including commercial coffee chain shops, beverages, fast food, and convenience stores, in customising well-rounded solutions, helping them improve water and energy efficiency, and realising sustainable development.

1933	Everpure was established
Started offering solutions for automatic beverage dispensers in the U.S. Achieved rapid growth	1940
1960	Became the designated water treatment supplier for a well-known large fast food chain brand in the U.S.
Expanded into convenience stores Started offering customised solutions for convenience stores	1980
1984	Launched BIB Syrup pump to support the water demand during Los Angeles Olympics
MC series filter cartridge was invented and manufactured Today it has become an iconic product for water treatment in the foodservice industry	1974
2000	The MRS-R0 mix water system was created in the U.S. It has been serving as the designated coffee water system for a well-known coffee chain brand up to now
Acquired by Pentair	2003



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