

Inline Pureflow® Series

Anti-Legionella/ Bacteria Inline filters



Redefining Water Purity



The **Inline Pureflow®** series is a microfiltration unit for water bacteriological securing and water purification.

Introducing the Inline Pureflow® Series

Discover the Inline Pureflow® series, available in three distinct models to cater to your specific water purification needs:

- **Inline Pureflow® Blue:** Equipped with an advanced hollow-fiber filter, this model provides exceptional anti-bacterial protection.
- **Inline Pureflow® Red:** Designed with a high-performance sediment filter to effectively remove particles and impurities from your water.
- **Inline Pureflow® Green:** Features a Granular Activated Carbon (GAC) filter to eliminate unwanted tastes, odors, and organic contaminants, ensuring fresh and clean water.

Inline Pureflow® stands as a testament to unmatched quality and reliability. It exemplifies exceptional durability and safety, each unit undergoes 100% testing to ensure membrane integrity and absolute leak tightness. Its robust physical performance is meticulously evaluated, demonstrating remarkable resistance against temperature fluctuations and chlorine exposure.



INLINE PUREFLOW® BLUE

Equipped with an advanced hollow-fiber filter, this model provides exceptional anti-bacterial protection.



Inline Pureflow® Blue - A microfiltration unit for water bacteriological securing and purification, such as Legionella, Bacteria, and viruses, which can be located under the sink or main Residential water.

This special filter protects against waterborne pathogens such as Legionella, NTM (Nontuberculous Mycobacteria), E. Coli, Salmonella, and more, which can cause severe lung infections.

- Pore Size: 0.08 μm / Efficiency 99.999999% (Log 8)
- Function: Prevents organisms larger than 0.08 microns from passing through the membrane.
- Capacity: 6,500 liters / 1,720 gallons of safe and pure drinking water, depending on the original water quality*.

Tested to efficiently purify up to 6,500 liters / 1,720* gallons of water—varying with water quality—it exemplifies exceptional durability and safety. Proudly bearing the CE mark as a Class 1 product, provide the highest level of protection against waterborne bacteria, fully compliant with **U.S. FDA, USP, and EMA** standards for sterile filtered water and certified with **ASTM F838-2015ae for Legionella reduction (Log 8)**

Product Applications:

The product comes in different modified versions:

- Standard Version - Suitable for individual houses, residences, hotels, sports centers, restaurants, etc.
- Specific Version - Designed for hospitals, clinics, Dental Clinics health centers, etc.
- Specific & Portable Version - Ideal for NGOs, base life, military, fire, civil, etc.

*Capacity depends on local water conditions, the amount of microparticles (SDI), and pre-filtration. SDI is measured according to ASTM D4189-95. It is recommended that the filter cartridge be replaced after 4 months. The amount of impurities in the water will vary between water systems, so filters will become clogged at different rates.

FEATURES

- + 0.08 µm sterilizing grade hollow fiber membranes
 - + High-Pressure Resistance: Up to 40 bar (580 psi)
 - + Compatible with ADA compliant pause adapter
 - + Material: Plastic (Polypropylene - PP)
- Certifications:
- + ASTM F838-2015ae1
 - + *Legionella* reduction standards

BENEFITS

- + In Compliance with EPA WaterSense ; ASTM F838-20 ; ASSE LEC 2011-2022
- + Retains microorganisms without volume restriction
- + Waste reduction, cost reduction with high performance
- + Complete Anti-Microbial protection embedded throughout the system
- + Integrates with Legionella Water Management Plans

International standard & reliability tests

Our products are subject to stringent testing processes to align with global standards. Right from the development stage of our water purifiers and filters, we prioritize durability, safety, performance, and functionality.

This commitment is demonstrated through comprehensive reliability testing that conforms to international stress test standards, ensuring our products meet the highest quality criteria.

Instruction For Use (IFU):



TECHNICAL CHARACTERISTICS



Filtration Capacity

A substantial filtration area of Hollow Fiber is designed for maximum efficiency and effectiveness up to 6,500 liters / 1,720 gallons of water- varying with water quality in water purification.



Safety and Compliance

Adherence to CE-marked Class 2 standards, underscoring our dedication to safety and regulatory compliance.

- ASSE LEC 2011 - 2022 U.S Water Engineering Association for Bacteria reduction Log 6
- ASTM F838-2015ae Legionella reduction Log 8
- Complies with EPA WaterSense & ASTM F838-20



Transparency and Trust

A complete dossier of tests, including comprehensive analyses on Legionella, is readily available, providing transparency and building trust with our clients.



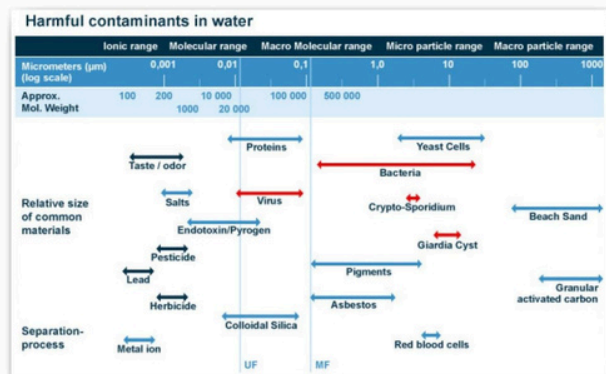
Efficiency

Achieves a Log 99.999999% reduction rate in waterborne contaminants, showcasing the exceptional effectiveness of our technology in purifying water to the highest possible standards.

P376 MICROBIOLOGICAL FILTRATION REQUIREMENTS FOR CHALLENGE ORGANISMS & REDUCTION REQUIREMENTS

ORGANISM	Maximum influent concentration (cfu/L)	Minimum required reduction (%)
<i>Legionella pneumophila</i> ATCC 33152	1×10^{11}	99.9999 (6.0 log)
<i>Brevundimonas diminuta</i> ATCC 19146	1×10^{11}	99.9999 (6.0 log)
<i>Pseudomonas aeruginosa</i> ATCC 13388	1×10^{11}	99.9999 (6.0 log)
<i>Aspergillus fumigatus</i> ATCC 10894	1×10^9	99.99 (4.0 log)

Filtration Spectrum:



INLINE PUREFLOW® RED

Designed with a high-performance sediment filter to effectively remove particles and impurities from your water.



Inline Pureflow® Red – Sediment Strainer filter

The sediment strainer filter is an essential filtration unit designed to remove large particles from water, thereby enhancing the lifespan of the Hollow Fiber system. It is equipped with Polysulfone membranes featuring pore sizes of 20 µm, and options for either 10 µm or 5 µm.

Tested to efficiently purify up to 8,000 liters / 2,115 gallons* of water—varying with water quality—it exemplifies exceptional durability and safety. Proudly bearing the CE mark as a Class 1 product, the Inline Pureflow achieves an extraordinary purification log of 99.999999%, offering unparalleled purity and peace of mind in every drop.

Product Applications:

The product comes in different modified versions:

- Standard Version – Suitable for individual houses, residences, hotels, sports centers, restaurants, etc.
- Specific Version – Designed for hospitals, clinics, Dental Clinics health centers, etc.
- Specific & Portable Version – Ideal for NGOs, base life, military, fire, civil, etc.

*Capacity depends on local water conditions, the amount of microparticles (SDI), and pre-filtration. SDI is measured according to ASTM D4189-95. It is recommended that the filter cartridge be replaced after 4 months. The amount of impurities in the water will vary between water systems, so filters will become clogged at different rates.

FEATURES

- + High-Pressure Resistance: Up to 40 bar (580 psi)
- + Compatible with ADA compliant pause adapter
- + Material: Plastic (Polypropylene - PP)
- + Certifications: ASSE LEC 2011-2022

BENEFITS

- + Highest healthcare safety standards
- + Retains organisms without volume restriction
- + Waste reduction, cost reduction with high performance
- + Integrates with Legionella Water Management Plans

International standard & reliability tests

Our products are subject to stringent testing processes to align with global standards. Right from the development stage of our water purifiers and filters, we prioritize durability, safety, performance, and functionality.

This commitment is demonstrated through comprehensive reliability testing that conforms to international stress test standards, ensuring our products meet the highest quality criteria.

Instruction For Use (IFU):



System conforms to
ASSE LEC 2011



INLINE PUREFLOW® GREEN

Features a Granular Activated Carbon (GAC) filter to eliminate unwanted tastes, odors, and organic contaminants, ensuring fresh and clean water.



Inline Pureflow® Green - Granular Activated Carbon (GAC)

The Granular Activated Carbon (GAC) filter is a highly effective solution for purifying water by removing specific chemicals, especially organic compounds. This type of filter excels in eliminating substances that cause unpleasant odors or tastes in water, such as hydrogen sulfide, which imparts a rotten egg smell, and chlorine. Its reliable performance makes it an excellent choice for enhancing water quality and sensory enjoyment.



Tested to efficiently purify up to 8,000 liters / 2,115* gallons of water—varying with water quality—it exemplifies exceptional durability and safety.

*Capacity depends on local water conditions, the amount of microparticles (SDI), and pre-filtration. SDI is measured according to ASTM D4189-95. It is recommended that the filter cartridge be replaced after 4 months. The amount of impurities in the water will vary between water systems, so filters will become clogged at different rates.

FEATURES

- + High-Pressure Resistance: Up to 40 bar (580 psi)
- + Compatible with ADA compliant pause adapter
- + Material: Plastic (Polypropylene - PP)

BENEFITS

- + Waste reduction, cost reduction with high performance
- + Integrates with Legionella Water Management Plans
- + Retains organisms without volume restriction

International standard & reliability tests

Our products are subject to stringent testing processes to align with global standards. Right from the development stage of our water purifiers and filters, we prioritize durability, safety, performance, and functionality.

This commitment is demonstrated through comprehensive reliability testing that conforms to international stress test standards, ensuring our products meet the highest quality criteria.

Instruction For Use (IFU):



MANUFACTURING DATA



The Inline Pureflow Series offers 3 models:

- **Inline Pureflow Blue** - Ultra Filtration 0.08µm Anti- Legionella/Bacteria, Hollow-fiber filter
- **Inline Pureflow Red** - Sediment filter.
- **Inline Pureflow Green** - Active Carbon filter (GAC - Granular Activated Carbon)



Sterilization and Quality Assurance

Utilizing (by request) filter materials that have been sterilized and rigorously tested in accordance with the standards set forth by ISO 9001:2008.

Additionally, our products are certified as CE Marked medical devices under EN ISO 13485:2003 & ISO 11137 - 1:2006, ensuring the highest level of quality and safety.



Comprehensive Testing

Each product undergoes 100% testing for membrane integrity and leak tightness, affirming our commitment to reliability and performance.



Durability

Demonstrated physical resilience against temperature fluctuations and chlorine exposure, with a proven long performance lifespan depending on the quality of the source water.





Filtration Capacity

A substantial filtration area of Hollow Fiber is designed for maximum efficiency and effectiveness in water purification.



Safety and Compliance

Adherence to CE-marked Class 2 standards, underscoring our dedication to safety and regulatory compliance.



Transparency and Trust

A complete dossier of tests, including comprehensive analyses on Legionella, is readily available, providing transparency and building trust with our clients.



Efficiency

Achieves a Log 99.999999% reduction rate in waterborne contaminants, showcasing the exceptional effectiveness of our technology in purifying water to the highest possible standards.



ABOUT US

Redefining Water Purity

Mentor Water Technologies BV, based in the Netherlands, leads in innovative water purification solutions for a sustainable future. Our extensive Research & Development division, where water experts from diverse continents collaborate, drives our commitment to high-quality, accessible, and affordable water purification technologies. Founded by Mentor Capital Holdings BV, a global Dutch investment advisory firm, Mentor Water Technologies benefits from over two decades of international expertise. Our systems are designed for superior efficiency and cost-effectiveness, ensuring exceptional value for our clients.

As a proud member of Mentor Capital Holdings BV, we believe in nurturing relationships through a personal touch, embodied by our employees and distributors worldwide. At Mentor Water Technologies, we provide not only the finest water purification solutions but also unparalleled service to meet your needs.



Patented Technology

Harnessing exclusive innovations for superior performance



Price Affordability

Creates that you will promote to the target market.



Certified & tested Equipment

Our equipment is certified at the highest standards through rigorous third-party testing.



R&D and Innovative Solutions

We leverage science to develop unique water purification solutions.



Simple Setup

Designed for easy installation

