Inline Pureflow® Series

Anti-Legionella/ Bacteria Inline filters

INLINE PUREFLOW®

100% PREMIUM
DUTCH QUALITY

MENTOR
WATER TECHNOLOGIES

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. - 99.999999% (Log 8) bacterial reduction
- **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.

The **Inline Pureflow®** exemplifies unmatched quality and reliability. It is engineered for exceptional durability and safety, with each unit undergoing rigorous testing to ensure membrane integrity and secure, leak-free performance. Its robust physical performance is carefully evaluated, demonstrating strong resistance to 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 is an ultrafiltration unit designed for water bacteriological safety and purification. It helps reduce exposure to waterborne pathogens such as Legionella, NTM (Nontuberculous Mycobacteria), E. Coli, Salmonella, and others, which can cause respiratory and gastrointestinal issues. It can be conveniently installed under the sink or at the main residential water entry point.

- 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. 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 3-5 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 ultrafiltration delivers certified Log 8 bacterial reduction
- 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
- EU Drinking Water Directive (2020/2184)
  DIN EN 16421 & 58356

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
- High-efficiency antimicrobial 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

Certified and tested under the following standards:

- 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
- Meets European safety and compliance standards, including the EU Drinking Water Directive (Directive (EU) 2020/2184) and DIN EN 16421 and 58356.

Transparency and Trust

A complete test dossier, including certified Legionella analysis, is available upon request to support transparency and build confidence with our clients and partners.

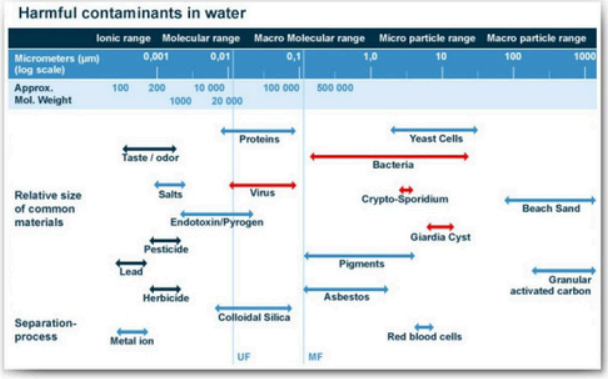
Efficiency

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 required (%)
Legionella pneumophila ATCC 33152	1×10^{11}	99.9999 (6.0 log)
Brevundimonas diminuta ATCC 19146	1×10^{11}	99.9999 (6.0 log)
Pseudomonas aeruginosa ATCC 13388	1×10^{11}	99.9999 (6.0 log)
Aspergillus fumigatus 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 - he Sediment Strainer Filter is designed to remove large particles from water, protecting downstream systems like Hollow Fiber filters. Equipped with Polysulfone membranes, it features pore sizes of 20 µm, with options for 10 µm or 5 µm for varying filtration needs. This pre-filtration process improves the longevity and efficiency of the filtration system by preventing clogging and membrane fouling. Ideal for water with high sediment content, the Sediment Strainer Filter ensures cleaner water and reduces maintenance, enhancing system performance and lifespan.

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

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 6 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

- Meets healthcare safety standards to ensure reliable and safe water quality
- 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.

IAPMO R&T WATER QUALITY PLATINUM SEAL IAPMO RESEARCH AND TESTING

System conforms to ASSE LEC 2011 IAPMO R&T

Instruction For Use (IFU):

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 an effective solution for purifying water by removing specific chemicals, particularly organic compounds. This filter excels at eliminating substances like hydrogen sulfide, which causes a rotten egg smell, and chlorine, both of which affect water taste and odor. By significantly improving water quality, the GAC filter enhances the sensory experience, making it an ideal choice for residential, commercial, or industrial use. With reliable and consistent performance, it ensures clean, great-tasting water while addressing common water quality issues.

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 6 months. The amount of impurities in the water will vary between water systems, so filters will become clogged at different rates.

FEATURES	BENEFITS
High-Pressure Resistance: Up to 40 bar (580 psi)	Waste reduction, cost reduction with high performance
Compatible with ADA compliant pause adapter	Integrates with Legionella Water Management Plans
Material: Plastic (Polypropylene - PP)	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 (Log 8 – 99.999999%) 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

When requested, our filters can be produced using sterilized materials and tested in accordance with the standards set forth by ISO 9001:2008. Our products are certified as CE Marked devices and manufactured under a quality system aligned with EN ISO 13485:2003 & ISO 11137 – 1:2006, ensuring the highest level of quality and safety.

Comprehensive Testing

A complete test dossier, including certified Legionella analysis, is available upon request to support transparency and build confidence with our clients and partners.

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

- CE-marked standards
- Meets European safety and compliance standards, including the EU Drinking Water Directive (Directive (EU) 2020/2184) and DIN EN 16421 and 58356.

Transparency and Trust

A complete test dossier, including certified Legionella analysis, is available upon request to support transparency and build confidence with our clients and partners.

Efficiency

Achieves Log 8 with 99.999999% reduction rate in waterborne contaminants, showcasing the exceptional effectiveness of our technology in purifying water to the highest possible standards.

MENTOR
WATER TECHNOLOGIES

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.

MENTOR CAPITAL
HOLDINGS

Patented Technology
Harnessing exclusive innovations for superior performance

R&D and Innovative Solutions
We leverage science to develop unique water purification solutions.

Price Affordability
Creatives that you will promote to the target market.

Simple Setup
Designed for easy installation

Certified & tested Equipment
Our products are certified at the highest standards through rigorous third-party testing.

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