

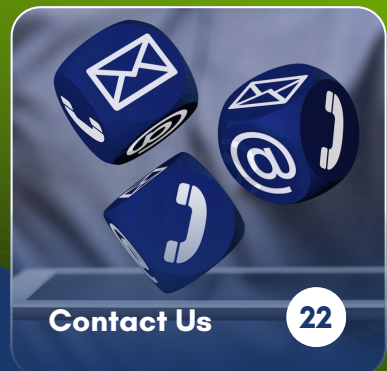


2026 Product Catalogue



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 **MWT**
DIRECT



PurGuard360®

7cm diameter

Antibacterial Handheld Shower System

Service Life: up to 5 months (150 days)

Model Number: QFI0-202



PURGUARD360® is an advanced antibacterial handheld shower system designed to reduce exposure to Legionella pneumophila, NTM, E.coli, Salmonella and other waterborne pathogens at the point of use. With high-performance ultrafiltration technology tested to ASTM F838-2020, it achieves up to 99.99999999% (Log 10) bacteria reduction under controlled laboratory conditions.

Technical Characteristics

Manufacturing and Regulatory Status	Manufactured in an FDA-registered medical device establishment and a U.S. EPA FIFRA-registered facility
Material	Medical-grade ABS
Pore Size / Technology	0.08 µm Ultrafiltration POU
Bacteria Reduction	Log 10 (99.99999999%) ASTM F838-2020 tested
Service Life	Up to 150 days (5 months)
Measurements (Nominal)	Width: 80mm (3.15in) Length: 260mm (10.24in)
Weight (Nominal)	170 g (6 oz)
Clean water flow rate	Maintains shower flow with no loss in water output

Max Operating Pressure

Continuous up to 5 bar / 72.5 psi, short-term peak ≤ 20 bar / 290 psi

Operating Temperature

Continuous up to 140 °F (60 °C), short-term peak up to 158 °F (70°C)






Disinfection Compatibility

External surfaces may be cleaned using common sanitizing agents.

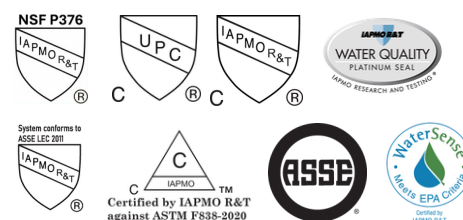
EPA WaterSense®

EPA WaterSense® Special Edition certified

Advantages

-  Higher verified bacteria reduction
-  Longer service life (up to 150 days)
-  Ultrafiltration technology
-  Medical-grade housing material
-  Stronger U.S. regulatory alignment

Regulatory Certifications



Disclaimer

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PurGuard360®

Antibacterial Handheld Shower System



PurGuard360®

15cm diameter

Antibacterial Handheld Shower System

Service Life: up to 5 months (150 days)

Model Number: QF10-202



PURGUARD360® (15 cm) is an advanced antibacterial handheld shower system designed to reduce exposure to Legionella pneumophila, NTM, E.coli, Salmonella and other waterborne pathogens at the point of use. With high-performance ultrafiltration technology tested to ASTM F838-2020, it achieves up to 99.99999999% (Log 10) bacteria reduction under controlled laboratory conditions and offers three operating positions: Rain, Normal, and Steam.

Technical Characteristics

Manufacturing and Regulatory Status Manufactured in an FDA-registered medical device establishment and a U.S. EPA FIFRA-registered facility

Material Medical-grade ABS

Pore Size / Technology 0.08 µm | Ultrafiltration POU

Bacteria Reduction Log 10 (99.99999999%)
ASTM F838-2020 tested

Service Life Up to 150 days (5 months)

Measurements (Nominal) Width: 150.5mm (5.93in)
Length: 330.5mm (13in)

Weight (Nominal) 353 g (12.45 oz)

Operating positions 3 - Rain, Normal, Steam.

Clean water flow rate

Maintains shower flow with no loss in water output

Max Operating Pressure

Continuous up to 5 bar / 72.5 psi, short-term peak ≤ 20 bar / 290 psi

Operating Temperature

Continuous up to 140 °F (60 °C), short-term peak up to 158 °F (70°C)






Disinfection Compatibility

External surfaces may be cleaned using common sanitizing agents

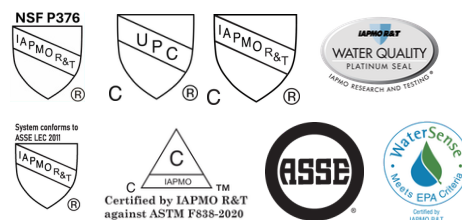
EPA WaterSense®

EPA WaterSense® Special Edition certified

Advantages

-  Higher verified bacteria reduction
-  Longer service life (up to 150 days)
-  Ultrafiltration technology
-  Medical-grade housing material
-  Stronger U.S. regulatory alignment

Regulatory Certifications



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PurGuard360®

Antibacterial Handheld Shower System



SkyStream®

Antibacterial Mounted Showerhead

Service Life: up to 4.5 months (135 days)
Model Number: QF10-177







SkyStream® is an advanced inline shower filtration system designed to reduce exposure to Legionella pneumophila, NTM, E.coli, Salmonella and other waterborne pathogens at the point of use. It integrates high-performance ultrafiltration technology tested to ASTM F838-2020, achieving up to 99.99999999% (Log 10) bacteria reduction under controlled laboratory conditions while preserving standard shower flow and user experience.

Technical Characteristics

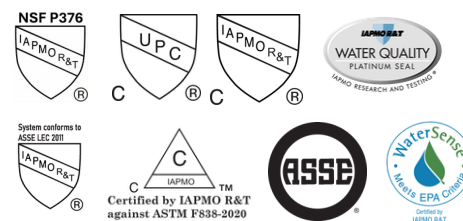
Manufacturing and Regulatory Status	Manufactured in an FDA-registered medical device establishment and a U.S. EPA FIFRA-registered facility
Material	Polypropylene (PP)
Pore Size / Technology	0.08 µm Ultrafiltration POU
Bacteria Reduction	Log 10 (99.99999999%) ASTM F838-2020 tested
Service Life	Up to 135 days (4.5 months)
Measurements (Nominal)	Width: 110mm (4.33in) Length: 220mm (8.66in)
Weight (Nominal)	245g / 8.64 oz
Operating positions	4 - Rain, Normal, Steam, Waterfall

Clean water flow rate	Maintains standard water flow with no loss in water output.
Max Operating Pressure	Continuous up to 10 bar / 145 psi, short-term peak ≤ 20 bar (240 psi)
Operating Temperature	Continuous up to 140 °F (60 °C), short-term peak up to 158 °F (70°C)
Disinfection Compatibility	External surfaces may be cleaned using common sanitizing agents

Advantages

-  Higher verified bacteria reduction
-  Longer service life
-  Ultrafiltration technology
-  Stronger U.S. regulatory alignment

Regulatory Certifications



Disclaimer

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SkyStream®

Antibacterial Mounted Showerhead



Inline Pureflow Blue®

Antibacterial In-line Filter



Service Life: 14,000 liters (3,700 gallons)

Model Number: QF10-177





Inline PureFlow **Blue**® is an inline ultrafiltration system engineered to reduce exposure to Legionella pneumophila, NTM, E. coli, Salmonella and other waterborne pathogens at the point of use. Tested to ASTM F838-2020, it achieves up to 99.99999999% Log 10 bacteria reduction while maintaining standard water flow in professional installations applications.

Technical Characteristics

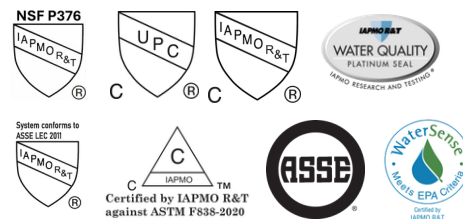
Manufacturing and Regulatory Status	Manufactured in an FDA-registered medical device establishment and a U.S. EPA FIFRA-registered facility
Material	Polypropylene (PP)
Pore Size / Technology	0.08 µm Ultrafiltration
Bacteria Reduction	Log 10 (99.99999999%) ASTM F838-2020 tested
Service Life	14,000 liters (3,700 gallons)
Measurements (Nominal)	Width: 50mm (1.97in) Length: 140mm (5.5in)
Weight (Nominal)	88g / 3.1 oz
Clean water flow rate	Maintains shower flow with no loss in water output

Max Operating Pressure	Continuous up to 10 bar / 145 psi, short-term peak ≤ 20 bar (240 psi)
Operating Temperature	Continuous up to 140 °F (60 °C), short-term peak up to 158 °F (70°C)
Disinfection Compatibility	External surfaces may be cleaned using common sanitizing agents.

Advantages

-  Higher verified bacteria reduction
-  Longer service life
-  Ultrafiltration technology
-  Stronger U.S. regulatory alignment

Regulatory Certifications



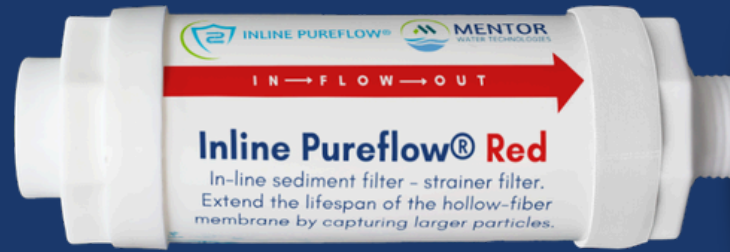
Disclaimer

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Inline Pureflow Red®

High Performance Sediment Filter



Model Number: QF20-175




Inline PureFlow **Red**® is a Sediment Strainer Filter designed to remove large particulate matter from water, protecting downstream filtration systems such as hollow fiber filters. Equipped with a Polysulfone membrane with a pore size of 20 µm & 10 µm, this pre-filtration stage reduces clogging and membrane fouling, improves system efficiency, extends service life, and lowers maintenance requirements. Ideal for water sources with high sediment loads, it ensures consistent system performance.

Technical Characteristics

Manufacturing and Regulatory Status	Manufactured in an FDA-registered medical device establishment and a U.S. EPA FIFRA-registered facility
Material	Polypropylene (PP)
Pore Size / Technology	20 µm & 10 µm
Service Life	20,000 liters (5,300 gallons)
Measurements (Nominal)	Width: 50mm (1.97in) Length: 140mm (5.5in)
Weight (Nominal)	84 g / 2.9 oz
Clean water flow rate	Maintains standard water flow with no loss in water output.

Max Operating Pressure	Continuous up to 10 bar / 145 psi, short-term peak ≤ 40 bar (580 psi)
Operating Temperature	Continuous up to 140 °F (60 °C), short-term peak up to 158 °F (70°C)
Disinfection Compatibility	External surfaces may be cleaned using common sanitizing agents.

Advantages

-  Reduces sediment and clogging
-  Longer service life
-  Stronger U.S. regulatory alignment

Regulatory Certifications



Disclaimer

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Inline Pureflow Green®

High Performance Carbon Filter



Model Number: QF20-176




Inline PureFlow **Green**® is an Active Carbon Filter utilizes granular activated carbon (GAC) to reduce specific chemical contaminants, particularly organic compounds, from water. It is effective in reducing chlorine and substances that cause unpleasant taste and odor, including hydrogen sulfide. Designed to improve water quality and sensory characteristics, it supports consistent system performance in professional filtration applications.

Technical Characteristics

Manufacturing and Regulatory Status	Manufactured in an FDA-registered medical device establishment and a U.S. EPA FIFRA-registered facility
Material	Polypropylene (PP)
Technology	GAC - Granulated Active Carbon
Service Life	18,000 liters (4,750 gallons)*
Measurements (Nominal)	Width: 50mm (1.97in) Length: 140mm (5.5in)
Weight (Nominal)	120 g / 4.3 oz
Clean water flow rate	Maintains standard water flow with no loss in water output.

Max Operating Pressure	Continuous up to 10 bar / 145 psi, short-term peak \leq 40 bar (580 psi)
Operating Temperature	Continuous up to 140 °F (60 °C), short-term peak up to 158 °F (70°C)
Disinfection Compatibility	External surfaces may be cleaned using common sanitizing agents.

Advantages

-  Reduces Chemicals and Odor
-  Longer service life (up to 90 days)
-  Stronger U.S. regulatory alignment

Regulatory Certifications



Disclaimer

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Inline Pureflow®

Antibacterial Inline Filter & High Performance Sediment Filter



AquaGuard Pro®

Antibacterial Ultrafiltration System

Service Life: 34,000 liters (9,000 gallons)

Model Number: QF10-74



AquaGuard Pro® is an ultrafiltration water filtration system designed to reduce bacteria in water, including *Legionella pneumophila*, NTM, *E. coli*, *Salmonella* and other waterborne pathogens. Featuring a 0.08 µm hollow-fiber membrane tested to ASTM F838-2020, it achieves up to 99.99999999% (Log 10) bacteria reduction and supports flexible installation in residential, commercial, and institutional environments. Supports long-term filtration efficiency in hygiene-sensitive applications. Its compact design with a click-connect system enables fast filter replacement in seconds without dismantling the unit.

Technical Characteristics

Manufacturing and Regulatory Status	Manufactured in an FDA-registered medical device establishment and a U.S. EPA FIFRA-registered facility
Material	Polypropylene (PP)
Pore Size / Technology	0.08 µm Ultrafiltration
Bacteria Reduction	Log 10 (99.99999999%) ASTM F838-2020 tested
Service Life	34,000 liters (9,000 gallons)
Measurements (Nominal)	Width: 102mm (4in) Length: 270mm (10.6in)
Weight (Nominal)	523 g / 18.45 oz





Max Operating Pressure Continuous up to 10 bar / 145 psi, short-term peak ≤ 20 bar (240 psi)

Operating Temperature Continuous up to 140 °F (60 °C), short-term peak up to 158 °F (70°C)

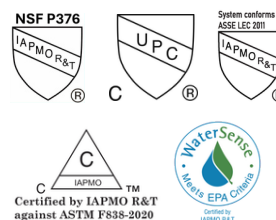
Disinfection Compatibility External surfaces may be cleaned using common sanitizing agents

EPA WaterSense® EPA WaterSense® Special Edition compliance

Advantages

-  Higher verified bacteria reduction
-  Longer service life
-  Ultrafiltration technology
-  Stronger U.S. regulatory alignment

Regulatory Certifications



Disclaimer

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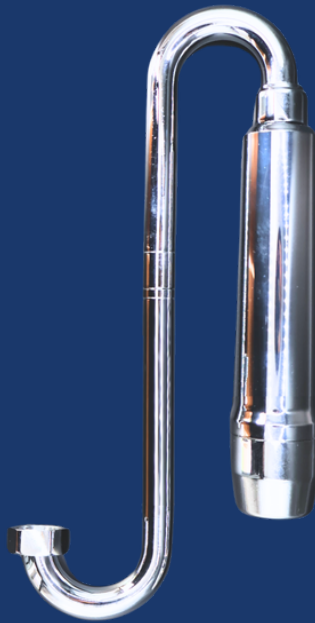
AquaGuard Pro®

Antibacterial Ultrafiltration System



TapTech Pro®

Antibacterial Ultrafiltration Faucet Filter



Service Life: up to 6 months (180 days)
Model Number: QF10-202

TapTech Pro® is a point-of-use ultrafiltration tap system engineered to reduce exposure to Legionella pneumophila, NTM, E. coli, Salmonella and other waterborne pathogens directly at the outlet. It integrates high-performance ultrafiltration technology tested to ASTM F838-2020, achieving up to 99.99999999% (Log 10) bacteria reduction under controlled laboratory conditions while maintaining normal tap flow and usability.

Technical Characteristics

Manufacturing and Regulatory Status	Manufactured in an FDA-registered medical device establishment and a U.S. EPA FIFRA-registered facility
Material	Medical-grade ABS
Pore Size / Technology	0.08 µm Ultrafiltration POU
Bacteria Reduction	Log 10 (99.99999999%) ASTM F838-2020 tested
Service Life	Up to 180 days (6 months)
Measurements (Nominal)	Width: 85mm (3.35in) Length: 280mm (11in)
Weight (Nominal)	283 g (9.9 oz)
Clean water flow rate	Maintains tap flow with no loss in water output

Max Operating Pressure Continuous up to 5 bar / 72.5 psi, short-term peak \leq 20 bar / 290 psi

Operating Temperature Continuous up to 140 °F (60 °C), short-term peak up to 158 °F (70°C)

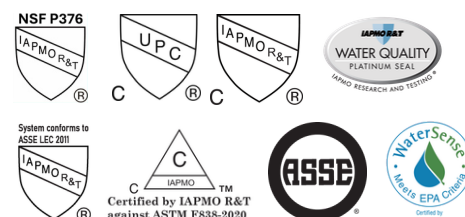
Disinfection Compatibility External surfaces may be cleaned using common sanitizing agents

EPA WaterSense® EPA WaterSense® Special Edition certified

Advantages

- Higher verified bacteria reduction
- Longer service life (up to 180 days)
- Ultrafiltration technology
- Medical-grade housing material
- Stronger U.S. regulatory alignment

Regulatory Certifications



Disclaimer

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TapTech Pro®

Antibacterial Ultrafiltration Faucet Filter



TotalPure®

Advanced Water Purification for High-Demand Environments



Model Number: QF10-80





TotalPure® is a zone-level POE water filtration system engineered for modern apartments, healthcare facilities, elderly care centers, and other high-precision environments. It integrates sediment filtration, KDF media, activated carbon, scale control, and ultrafiltration to reduce chemicals, heavy metals, and waterborne bacteria. Tested to ASTM F838-2020, it achieves up to 99.99999999% (Log 10) bacteria reduction, delivering reliable flow performance without electricity.

Technical Characteristics

Manufacturing and Regulatory Status	Manufactured in an FDA-registered medical device establishment and a U.S. EPA FIFRA-registered facility
Material	Polypropylene (PP)
Pore Size	0.08 μm Ultrafiltration
Bacteria Reduction	Log 10 (99.99999999%) ASTM F838-2020 tested
Technology	5-Stage Filtration POE
Capacity	40,000 gal, up to 50,000 gal depending on water conditions
Measurements (Nominal)	H 500mm (19.7 in); L 343mm (13.5in); W 140mm (5.51 in)
Weight (Nominal)	12.13 lbs. (5.5 kg)

Clean water flow rate	Maintains standard water flow with no loss in water output.
Max Operating Pressure	Continuous up to 10 bar / 145 psi, short-term peak \leq 40 bar (580 psi)
Operating Temperature	Continuous up to 140 °F (60 °C), short-term peak up to 158 °F (70°C)
Plumbing Connection	3/4" NPT Pro Series
Peak Flow Capacity	12.6 GPM (48 lpm)
Optimized Filtration Flow	3.17 GPM (12 lpm)
Maximum Pressure Rating	360 PSI (25 Bars)
Pressure Drop	Minimal Flow Loss

Advantages

-  5-Stage patented technology
-  Higher verified bacteria reduction
-  Ultrafiltration technology
-  Stronger U.S. regulatory alignment

Regulatory Certifications



Disclaimer

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TotalPure®

Advanced Water Purification for High-Demand Environments

Certified Performance & Regulatory Compliance

Our products meet the highest international standards for water safety and performance:

- **FDA-registered medical device establishment** (Owner/Operator Number **10094411**)
- **EPA-FIFRA** registered establishment (**No. 105402-NLD-1**)
- Certified to **ASTM F838-2015ae** for **Legionella reduction with Log 10 efficiency (99.99999999%)**
- **ASSE 2011-2022** certified for material safety and bacterial reduction
- **NSF P376** certified for material safety, and the reduction of bacteria and fungi
- **EPA WaterSense** certified for water efficiency, meeting one of the industry's most rigorous performance benchmarks
- **CE marked** following EU safety and conformity standards, including the **EU Drinking Water Directive (2020/2184), EN 16421, and DIN 58356**

Independent Testing

Our filters are rigorously validated through a stringent testing process conducted at internationally esteemed laboratories.

- **IAPMO - IAPMO R&T (USA)** Laboratory is a globally recognized independent testing and certification body for plumbing and water treatment products, accredited under ISO/IEC 17025, and trusted by regulators and markets worldwide.
- **VITENS Laboratory (EU)** - is a leading European water quality laboratory specializing in microbiological and chemical analysis of drinking water, operating under strict Dutch and EU standards as part of Europe's largest drinking water company.
- **University Medical Center Goettingen (EU)** - The University Medical Center Göttingen, one of Germany's leading medical centers, conducts extensive independent evaluations in water safety inspections, water quality monitoring, Legionella prevention, and pest control.



About MWT-Direct

MWT-Direct is an authorized distribution partner of Mentor Water Technologies, a global manufacturer of advanced water filtration systems engineered to address critical water safety challenges and regulatory compliance in high-risk environments.

This platform is dedicated to industry professionals, including senior living administrators, water safety consultants, healthcare-adjacent facilities, hospitality operators, and building management organizations. It provides direct access to certified, high-performance filtration solutions that support compliance, risk mitigation, and operational continuity.

We represent Mentor Water Technologies based on clear, measurable advantages in real-world applications:

Engineered for critical environments

Designed for senior living, assisted living, rehabilitation, and hospitality settings where waterborne bacteria present operational and legal risk.

Compliance-driven integration

Aligned with frameworks such as ASHRAE 188, CDC guidance, and CMS expectations, supporting effective water management implementation.

Certified, audit-ready performance

Independently tested to deliver high-level bacteria reduction, providing a physical barrier at the point of use and supporting inspection and compliance requirements.


Efficient and scalable deployment

Extended service life and flexible solutions across showers, faucets, inline, and point-of-entry systems enable targeted or full-facility protection.





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