



MENTOR 
WATER TECHNOLOGIES USA



PurGuard360®

Antibacterial Handheld Shower System
FDA 510(k)-Cleared Class II Medical Device



PurGuard360®

7cm diameter

Antibacterial Handheld Shower System

Service Life: up to 5 months (150 days)

Model Number: QF10-202 / MWT-2740-2741 (WS)

FDA 510(k)-Cleared Class II Medical Device



PURGUARD360® is an FDA 510(k)-cleared Class II medical device and 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) bacterial reduction under controlled laboratory conditions.

Technical Characteristics

Manufacturing and Regulatory Status FDA 510(k)-Cleared · Class II Medical Device · FDA & EPA-FIFRA Registered

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)

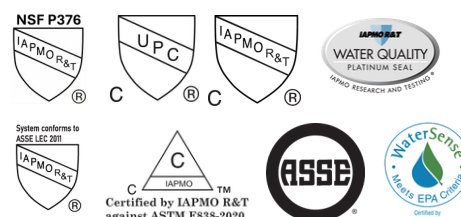
Disinfection Compatibility External surfaces may be cleaned using common sanitizing agents.

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

Service life is estimated and may vary based on source water quality, usage conditions, and operating environment. Performance cannot be guaranteed. Product specifications are derived from controlled laboratory testing and are provided for reference only. Actual results may differ in real-world applications.