



PurGuard360®

7cm diameter

Antibacterial Handheld Shower System

Service Life: up to 5 months (150 days)

Model Number: QF10-202



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

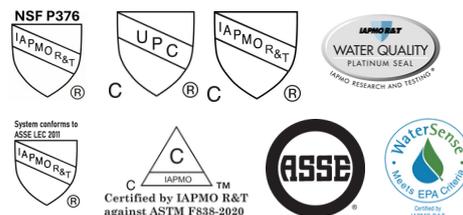
Manufacturing and Regulatory Status	Manufactured in an FDA-registered medical device establishment and a U.S. EPA FIFRA-registered facility
Material	Medical-grade ABS
Pore Size / Technology	0.08 µm Ultrafiltration POU
Bacteria Reduction	Log 10 (99.99999999%) ASTM F838-2020 tested
Service Life	Up to 150 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

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.



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