



PurGuard360®

Antibacterial Handheld Shower System



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7cm diameter

Antibacterial Handheld Shower System

Service Life: up to 5 months (150 days)

Model Number: QF10-202-EU

Configured for the European market



PURGUARD360® is an advanced antibacterial handheld shower system engineered to reduce bacteria, including Legionella pneumophila, NTM, E. coli, and Salmonella, at the point of use. Utilizing high-performance ultrafiltration technology, independently 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 under ISO-certified systems, aligned with EU regulatory frameworks and CE requirements.

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.

European Compliance Complies with European water efficiency standards

Advantages

- Higher verified bacteria reduction
- Longer service life (up to 150 days)
- Ultrafiltration technology
- Medical-grade housing material
- EU Regulatory Compliance

International Testing & 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.