



TotalPure®

Advanced Water Purification for High-Demand Environments



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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

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.