

FRESHPOINT™ ULTRAFILTRATION SYSTEM

COMPLETE POINT OF ENTRY FILTRATION



The FreshPoint™ Ultrafiltration System provides a complete point-of-entry (POE) filtration solution. Enjoy safer and cleaner water at every tap, with the proven hollow-fiber UF membrane technology the system employs.

FEATURES/BENEFITS

Ultrafiltration System

Designed for turbidity, and fine sediment filtration applications

Reduces cysts such as Cryptosporidium and Giardia by mechanical means

> 98% reduction of 0.025-micron (25 nanometer) particles*

> 99.99% (> 4 Log) reduction of 0.065-micron (65 nanometer) particles*

Forward-flush and back-flush cleaning cycles provide extended filter life in a wide range of applications

Proprietary hollow-fiber ultrafiltration membrane

Professional-grade housing, controller and flush valve

Metered self-cleaning cycle flushes only when needed

FreshPoint™ Filter Technology

Reduces turbidity and other particles down to 0.025-micron in size

Multi-bore membrane structure combines seven single capillaries into one resistant structure to maximize membrane integrity, virtually eliminating the potential for fiber breakage

Requires only normal line pressure to operate

Protects during power outages or intermittent power

Retains natural mineral content of the water

High surface area and tolerance to plugging

Low pressure drop / high flow rates

EPA EST. NO. 086074-NH-001



CONTROLLER FEATURES/BENEFITS

SXT System Controller

Designed for ease of programming, install and service

Efficiently flush system based on gallons filtered, daily time schedule, or a combination of both

One level of programming allows for quick and efficient setup and installation

Capability to backflush once per hour, increasing efficiency during harsh water applications

Allows for multiple FreshPoint systems to be installed in parallel, with ease, to achieve higher flow rates when needed

NEMA-4 box protects controller from moisture and dust

Global power supply now included

SYSTEM SPECIFICATIONS

Membrane

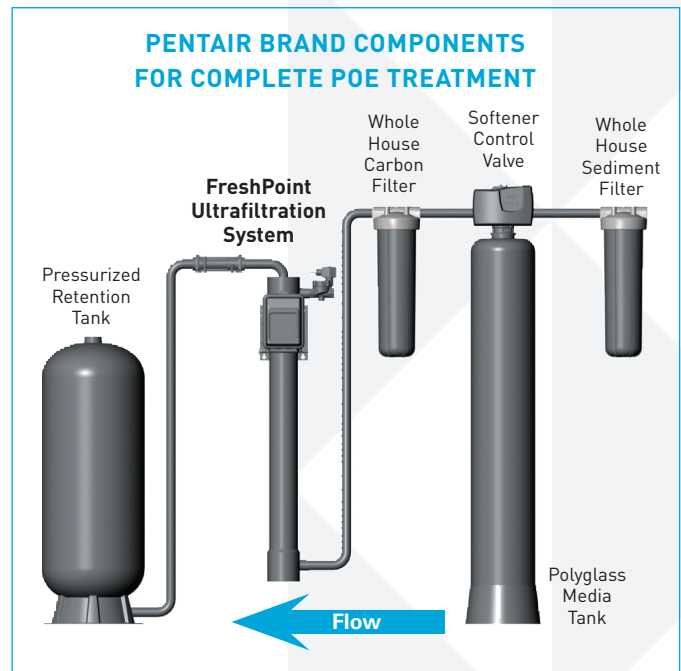
Material	Polyethersulfone, modified (PESM)
Pore Size	0.025-micron (nominal) 0.065-micron (absolute)
Molecular Weight Cut Off (MWCO)	100-150 kD
Active Membrane Surface	51 sq. ft.
Service Flow Rate @ 15 psi drop	6.23 gpm to 10 gpm (1,416 L/h to 2,271 L/h)

Controller

Electrical Rating	50/60 Hz
Forward Flush Cycle	1-99 minutes
Metered Volume	1-9,999 gallons
Meter Accuracy	1-50 gpm +/- 5%

System

Inlet/Outlet	3/4-inch NPT
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NOTE: This setup is used for most applications.



FILTRATION & PROCESS

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