

# UG-1000

## POE Ultrafiltration System

### UG-1000 Membrane Module Features

- ✓ Point of Entry Water Filtration; Whole House
- ✓ Double Skinned Membrane; Greater Reliability
- ✓ High Operating Pressures
- ✓ 99% efficient, Greatly Reduces Waste of Our Water Resources
- ✓ Easily back-flushed due to membrane-housing design
- ✓ Long membrane life
- ✓ Very easy element replacement
- ✓ >5 log reduction of Bacteria, Cysts, Viruses and turbidity reduction\*\*
- ✓ WQA Certified to the USEPA Guide Standard and Protocol for Microbiological Water Purifiers



4" x 20" Hollow Fiber Element



Tri-Port Element Housing

## UF Ultrafiltration POE System

Part Number	Description
UF1000	Complete System with membrane
UF19-2000	Replacement membrane

Note: Mounting bracket included in system.

## Specifications

Membrane Characteristics	PES - Hydrophilic Double-Skin type
Pure water permeability	≤8 GPM @ 60 PSI 72°F
Nominal Molecular Weight	100,000 NMW < 0.02 microns
Fiber ID	0.8mm - 1.4 mm
<b>Outside-In Flow Pattern</b>	
Operating Feed Pressure	60 PSI Max.
Backflush Pressure Max.	Up to 30 PSI
<b>Hollow Fiber Membrane Tolerance</b>	
Max Pressure	75 PSI
CIP Pressure, Max.	30 PSI
Chlorine Tolerance, Max.	200 ppm @ 11 pH
pH Tolerance	2 - 13
Operating Temp. Max.	120°F
Backflush Chlorine Max.	10 ppm

\*Dual barrier. \*\*Independent Laboratory Tests, Documentation on Request.



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