

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
Outside-In Flow Pattern	
Operating Feed Pressure	60 PSI Max.
Backflush Pressure Max.	Up to 30 PSI
Hollow Fiber Membrane Tolerance	
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.

