

ULTRA PRO

The Final Barrier

TECHNOLOGY THAT IS EASY TO UNDERSTAND.

Water Saving. Environmentally Friendly. Innovative Design.

This Ultra Pro reduces colloidal clay silt, bacteria, cysts, virus' and tannins down to 0.02 absolute filtration.

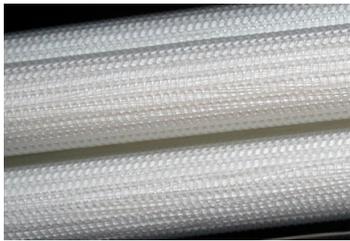
Please note: A detailed water analysis should be completed and reviewed before purchase and installation .

The over 5 miles of membrane in our UF bundles require normal line pressure to Operate and require low waste discharge when in backwash mode plus offer low pressure drop with high service flow rates.

The ULTRA PRO can be utilized as a final polishing stage or on water reclamation Systems for Rainwater or Grey water, along

With offering protection during power outages and Intermittent power. The membrane is NSF 61 Certified and the system is Bio Vir certified and tested for log reduction. The vessel also comes standard with a bottom drain opening for ease of drainage and cleaning purposes of the tank system.





The Ultra Pro Membrane's Outside/In flow is designed for turbidity, cyst reduction and fine sediment filtration applications, and is NSF 61 certified. The membrane operates with flow from the outside-to-inside, with benefits of minimized risk of deep clogging, simple cleaning of the membrane surface with water, and a high area volume ratio which allows for a compact design. The membrane is non-biodegradable and has superior mechanical and chemical Resistance. This unit provides point of entry (POE) filtration, for safe and clean water at every faucet.

MEMBRANE:

- Patented Outside/In Polymeric Membrane Filtration Module that is NSF 61, EPA, ACS And CDHS certified.
- Bio Vir certified and tested system for log Reduction of Bacteria and Virus.
- Four Bundles of 0.02 micron filtration.
- High performance flow rates, up to 12 gpm.
- Standard 2.5" tip inlet opening for connection With standard backwashable control valves to In/out heads, for metered service.
- Standard bottom drain and opening for Drainage and cleaning purposes of the system.
- No special controller or programming needed.
- Economical POE packaging that looks like Standard water treatment equipment.
- Low waste water discharge used when cleaning.
- Designed for cyst reduction, turbidity, and fine Sediment filtration applications.
- Protection during power surges and intermittent Power.

APPLICATIONS:

- Grey Water and Rainwater use, catchment, And recycling.
- Tannin removal.
- RO Pre-filter
- Polishing post filter filtration
- Colloidal removal.
- Bacteria, cyst and virus removal.

TECHNICAL INFORMATION:

- Continuous flow at 10 gpm filtration At 0.02 microns.
- 4.4 log reduction of Bacteria.
- 2.4 log reduction of Virus..
- 2.0 log (est) reduction of Cyst.
- 100,000 MWC

FILTRATION LEVEL:

- 0.02 micron.
- Operating Temperature: 35 to 100 degrees F.
- Operation Pressure: 10 to 100 psi.
- Continuous Flow Rate : 10 gpm.
- The system provides a treated flow of up to 12 gpm at 25 C and 60 psi.
- Membrane is NSF 61 Certified.
- Raw Water Specifications:
 - *Pre-filtration: 5 microns or less
 - *Chlorine: 1.0 ppm maximum for Continuous flow (up to 2000 ppm for Cleaning only)
 - *Iron: Less than 0.30 ppm.
 - *Manganese: Less than 0.05 ppm.
 - *Silt Density Index: Less than 6.0
 - *pH: 3 to 11.
 - *Pressure Decay Test (PDT) is required Upon installation.

TECHNICAL INFORMATION:

- Backflush: Once per day (5 minutes at 0.7 to 2 gpm).
- Drain Flush: Once per week (2 minutes at 5 gpm).

***This product is not certified as a microbiological purifier and should not be applied as a stand alone disinfection solution for microbiologically unsafe water.**

