
Aqua UltraFiltration® MEMBRANE SYSTEM

Features/Benefits

- No-break fibers guarantee consistent effluent quality and eliminate costly repairs
- Inside-out flow pattern does not require air scour for cleaning
- Polyethersulphone (PES) material allows cleaning with caustic in lieu of chlorine
- Hydrophilic membrane resists fouling
- Small, uniform pores increase permeability and reject 99.99% of viruses
- Uniform feed and backwash flows minimize water and chemical usage
- Compact, modular membrane rack has smaller footprint and allows for easy expansion
- PLC based control system that is IntelliPro® ready
- Best life cycle cost

Applications

- Beneficial reuse of wastewater effluent
- Impaired water bodies (TMDL = Total Maximum Daily Load)
- Pretreatment for reverse osmosis (RO) systems
- Drinking water systems
- Industrial recycling limiting fresh-water demands
- Water treatment for industrial, commercial, or recreational use
- Filtration/concentration of filter backwash water
- Disinfection augmenting capabilities
- Expansion to existing system to meet future requirements