
Membranes

- Fewer membranes compared to MBR unit processes
- No-break fibers guarantee consistent effluent quality and eliminate costly repairs
- Inside-out flow pattern does not require air scour for cleaning
- PES material allows cleaning with caustic and is more resistant to 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

Controls

- SCADA and IntelliPro® system ready controls
- Integrated PLC-based control system

Applications

- Enhanced biological nutrient removal
- Beneficial reuse of wastewater effluent, including pretreatment for reverse osmosis
- Impaired water bodies (Total Maximum Daily Load= TMDL)
- Retrofits for existing treatment works
- Industrial recycling limiting fresh-water demands
- Disinfection augmentation
- New plant construction, upgrades, retrofits, and expansion to existing system to meet future requirements