

ULTRAFILTRATION SYSTEMS



Capacities:

- 2 to 10 m³/hr
- 10 to 70 m³/hr

Product Water Quality:

- Turbidity \leq 0.10 NTU
- Silt Density Index around 1
- Bacteria removal \geq 5 log (99.999%)
- Virus removal \geq 4 log (99.99%)

Advantages:

- High product flux & low fouling
- Consistent product quality
- Low operating pressure
- Low energy consumption
- Small footprint and compact structure
- Consistent pore structure
- Chlorine tolerance up to 200 mg/l
- Operating pH range 3 to 12
- Maximizes RO performance by decreasing RO feed pressure, increasing RO elements life
- Backwashable

Applications:

- Pre-treatment for Nanofiltration and Reverse Osmosis
- Ground water or surface water including seawater purification
- Drinking & various process water production
- Waste water treatment, water recycling
- Food & Beverage industry, bacteria removal
- Post-treatment of RO Plant



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