

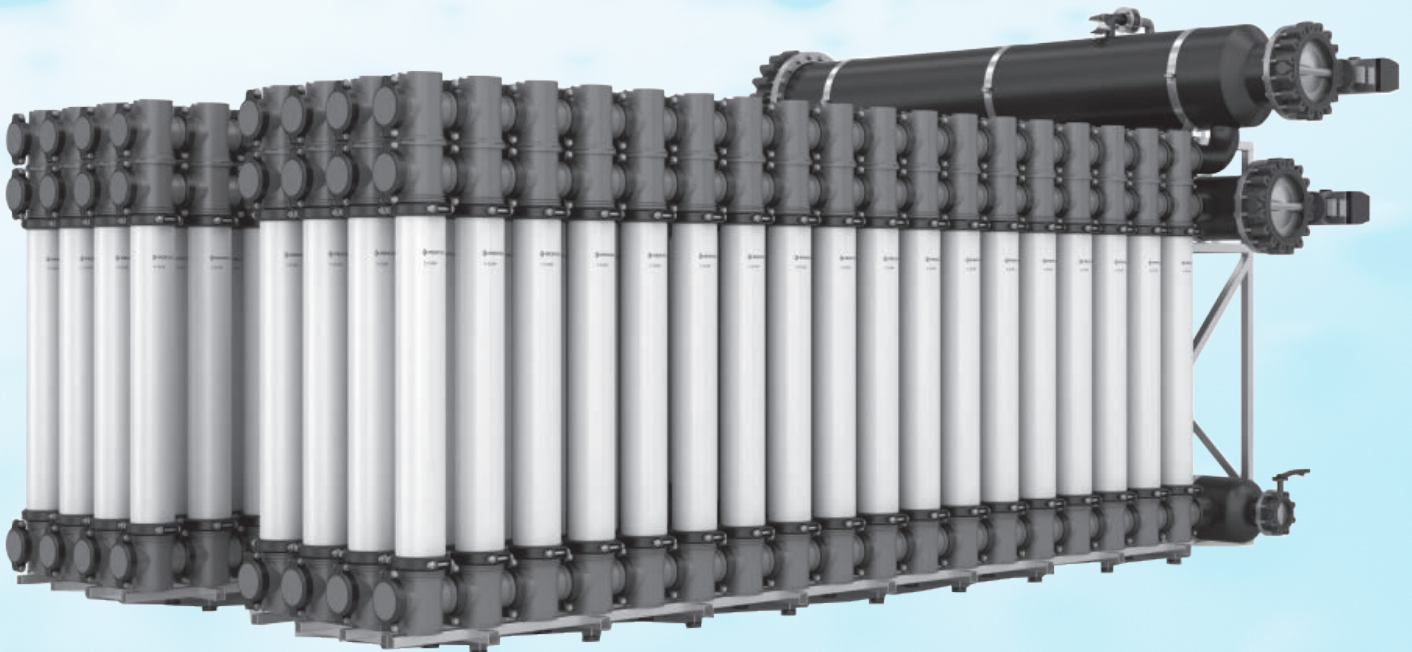
X-LINE



BLUEMATER
ECO-EFFICIENT SOLUTIONS

ULTRAFILTRATION

Bluemater offers compact modular treatment solutions of ultrafiltration for drinking water or wastewater. In all ultrafiltration systems commercialised by Bluemater, advanced disinfection (with ozone or electrolysis) and automatic cleaning system, or Clean In Place (CIP) are included.



Bluemater manufactures and installs high quality ultrafiltration systems. The ultrafiltration membrane systems are crossflow type and modular, and can be installed in the treatment of potable or wastewater. Includes automatic cleaning (CIP) and advanced disinfection (with ozone or electrolysis) systems. The ultrafiltration process is indicated for drinking water with high solids and organic matter contents, or effluents that require a highly refined treatment.

ADVANTAGES

- Removal of pathogenic micro-organisms (viruses, bacteria, protozoa and fungi)
- Removal of suspended solids
- Ozone or electrolysis final disinfection system
- Crossflow and self-cleaning
- Low operating costs
- Fully automated system
- Modular units assembled according to the effluent flow rate

TECHNICAL FEATURES

- Ultrafiltration membranes
- Capacity: 20 - 500 m³ / day
- PLC controlled automatic system
- Built-in pre-filters and self-cleaning pump
- Final disinfection with ozone or electrolysis
- Stainless steel frame
- Integrated cleaning in place (CIP)
- Integrated hydraulic and pneumatic connections



APPLICATIONS

- Treatment of drinking water
- Treatment of industrial, domestic or municipal wastewater
- Treatment of landfill leachate



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