



# UET WATER TECHNOLOGIES

High Recovery • High Rejection • Low Energy

**LET'S DISCUSS  
YOUR PROJECT !**

**CUSTOM-ENGINEERED WATER FILTRATION  
& MEMBRANE SYSTEMS FOR INDUSTRIAL,  
REUSE & DESALINATION APPLICATIONS.**

**HIGH PERFORMANCE DESIGNS FOR EFFICIENCY,  
RELIABILITY & OPTIMIZED LIFE CYCLE COST.**



Energy efficiency is a core design principle. Our systems integrate optimized pump selection, hydraulic balancing, and energy recovery technologies (where applicable) to minimize specific energy consumption while maintaining high recovery and performance.

[www.uetwater.com](http://www.uetwater.com)

# ADVANCED MEMBRANE FILTRATION



- Treatment of industrial water, brackish water, seawater, and reuse applications using advanced membrane processes
- Membrane Process Plants from 300 to 30,000 m<sup>3</sup>/day
- Reverse Osmosis Systems
- Seawater Desalination
- Nanofiltration
- Ultrafiltration
- Energy Recovery Integration & Optimization
- Engineered for optimized lifecycle cost and long-term reliability
- Electrodionization for ultra pure water
- Increase energy efficiency, production output and membrane performance
- Systems are designed with optimized membrane staging and hydraulic balancing to maximize recovery and minimize energy consumption



# CUSTOM REVERSE OSMOSIS & DESALINATION



- Custom RO Systems & Seawater Desalination
- Limited or Full Scopes (Flexible)
- We Adapt to a Project & Add Value
- Private Label & Competitive Offerings
- Our team members have over 35 years experience in Membrane Filtration
- Minimum Liquid Discharge, ZLD, and Challenging Applications



# MOBILE CONTAINERIZED MEMBRANE SYSTEMS & CUSTOM WATER FILTRATION



We engineer containerized solutions for rapid deployment, modular expansion, and flexible operation in industrial and remote environments.

- Minimal installation requirements
- Plug-and-play design
- Durable and transport-ready
- Ideal for temporary or permanent applications



# ULTRAFILTRATION (UF) SYSTEMS

# HIGH PRESSURE - HIGH RECOVERY REVERSE OSMOSIS & DESALINATION



**HIGH RECOVERY  
HIGH REJECTION  
LOW ENERGY**

UF systems provide high-efficiency removal of suspended solids and are engineered as critical pretreatment for reverse osmosis and water reuse applications.

**STANDARDIZED & CUSTOM  
HIGH-PERFORMANCE RO SYSTEMS**  
DESIGNED FOR RAPID DEPLOYMENT, SEAMLESS INTEGRATION,  
AND OPTIMIZED LIFECYCLE PERFORMANCE.



**ENGINEERED SYSTEM INTEGRATION**  
DESIGNED TO MEET PROJECT-SPECIFIC RECOVERY TARGETS  
AND PERFORMANCE REQUIREMENTS.

**ENERGY RECOVERY  
INTEGRATION**



**OEM & PRIVATE LABEL MANUFACTURING**  
FLEXIBLE MANUFACTURING SOLUTIONS TAILORED TO PARTNERS,  
EPC CONTRACTORS, AND SYSTEM INTEGRATORS WORLDWIDE.

**DESIGNED FOR  
INDUSTRIAL  
PERFORMANCE**  
HIGH RECOVERY  
HIGH REJECTION • LOW ENERGY



# UET WATER FILTRATION



UET Water engineers will design a water treatment filtration system using optimized filtration media, hydraulics, precision component selection, and application-specific design for reliable, high-performance operation.

- Biomax Media (5 - 10 Microns)
- GAC Carbon Filtration
- Green Sand Filtration
- Demineralization
- Ion Exchange
- Custom Filtration



# UET OZONE GENERATORS FOR WATER STERILIZATION



The UET WATER ozone generating systems are designed and sized to cover a wide range of commercial applications. Rugged - Robust - High Efficiency - Optimized for performance and operational efficiency

Cabinet mounted with capacities up to 168 g/hr in oxygen. The units are shipped complete with a separate oxygen generator, and optional controls and accessories to meet the project requirements such as contacting vessels, ozone injectors, pumps and ozone monitor.

Sample  
Interior  
of Ozone  
System  
Cabinet



# AFTERMARKET SUPPORT & SERVICES



- Spare parts & consumables (membranes, chemicals)
- Maintenance & service programs
- System audits & optimization
- Operational support



## LET'S DISCUSS YOUR WATER PROJECT



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# Personalized Water and Process Solutions by Experienced Professionals

- Custom-engineered membrane systems for industrial and desalination applications
- Water reuse and recovery to maximize water-use efficiency
- Optimized membrane performance and system energy efficiency
- Designed for high recovery and challenging feed waters

## Ultra-Filtration for Industrial Applications



## KEY APPLICATIONS

- Industrial Process Water
- Water Reuse & Recycling
- Brackish & Seawater Desalination
- High-TDS & Challenging Feed Waters
- Boiler Feed & High-Purity Water

## Seawater Desalination



## GLOBAL ENGINEERING - LOCAL EXECUTION

USA | ITALY | MEXICO | CHILE

Italy Direct Office for EMEA Market UET WATER EUROPE, S.R.L.

Mexico Direct Offices: Cancún, Ensenada BCN, Los Cabos, Puerto Vallarta, Mexico City



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