



Global provider of custom skid-mounted water purification equipment

Reverse Osmosis Systems

Advances can provide desalination or high purity water systems capable of producing up to 30 million gallons per day. Feed water sources include seawater, brackish water, tap water or pre-treated wastewater.

Membrane Softening

Membrane softening replaces lime softening for drinking water systems. It reduces hardness and TDS to any preferred level, removes micro-organisms that are immune to today's typical oxidation sanitizing systems, and that are small enough to pass through standard filtration systems, and removes organic contaminants that combine with chlorine to form trihalomethanes.

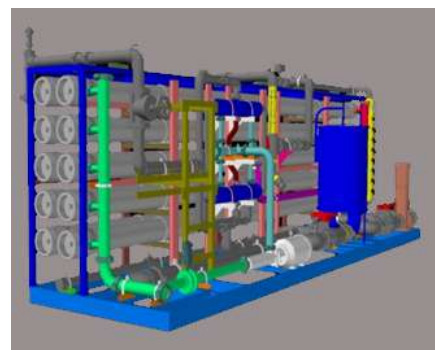
Demineralization Systems

Our two-pass reverse osmosis and/or EDI systems produce ultrapure water up to 18 megohm for pharmaceuticals, electronics manufacturing, high-pressure boilers, gas turbines and other ultrapure applications.

Industrial/Commercial Filtration Systems

We offer multi-media, activated carbon and cartridge filter systems for sediment, colloids, organics and hydro-carbons reduction and dechlorination.

From the design board in Auto Cad 3D modeling To fully assembly and tested system.



Advanced Equipment and Services Inc. (Known as Advances) has been providing reliable membrane based water purification technology and components worldwide since it was formed. More than 10 years of experience is behind all our systems.

Advances's capabilities to provide better solutions to the global water and wastewater industry cover the following areas: reverse osmosis (RO), deionization (DI), microfiltration (MF), and nanofiltration (NF) membrane technologies. Advances provides standard systems, custom-engineered systems and products/components to produce high purity or potable water from seawater, brackish water, surface water sources and reuse water from wastewater

Membrane Applications:

- | | |
|------------------------|---------------------------------------|
| Beverage/Bottled Water | Boiler Feed |
| Chemical Blending | Electronics |
| Component Rinse Water | Food Processing |
| Consumer Products | Medical |
| Cooling Tower Water | Pharmaceutical |
| Cosmetic | Veterinary |
| Drinking Water | Wastewater Reuse & other applications |

Seawater Desalination Systems



STANDARD SEAWATER DESALINATION SYSTEM
LAND BASE – 288.000 GPD



SEAWATER DESALINATION SYSTEM
OFF-SHORE BASE – 18.000 GPD

Brackish Water Systems



BRACKISH WATER SYSTEM
LAND BASE – 35.000 GPD

Flexible Solutions for your water needs

OUR STANDARD MODEL SIZE RANGE

- 500 to 660,000 GPD

SWRO –BENEFITS

- 40 – 50 % Lower power consumption
- Pressure exchanger or Turbo as energy recovery device.
- Well proved components available worldwide
- Heavy duty materials
- Easy to operate and maintain systems
- 100% automatic operation
- Design for continuous operation
- Low chemical consumption
- Typically power 7.5 to 8.2 Kwh/1000 gallons
- Low flux to maximize membrane life



SEAWATER DESALINATION SYSTEM
LAND BASE – 5000 GPD

TYPICAL APPLICATIONS

- Remote islands.
- Off Shore platforms.
- Municipal.
- Beverage and Bottling.
- Hotels and Resorts.
- Industrial.
- Irrigation.
- FPSO.
- Petrochemical plants.

ADVANCED EQUIPMENT AND SERVICES PROVIDES THE BEST RETURNS YOUR INVESTMENT.



BRACKISH WATER SYSTEM
LAND BASE – 300.000 GPD