



Global provider of custom water purification equipment

Reverse Osmosis Systems

Advanced Equipment and Services 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

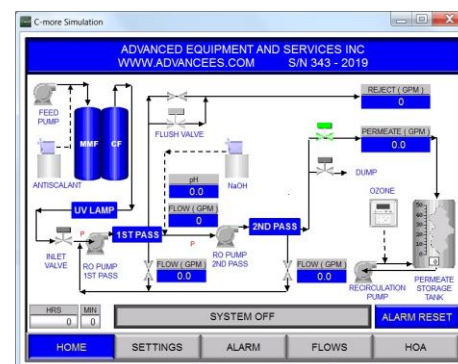
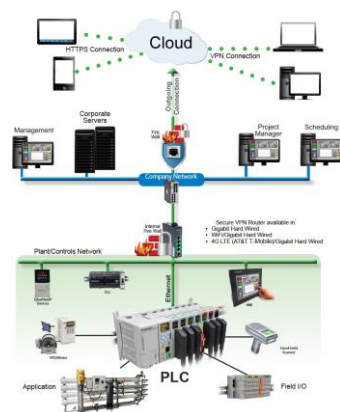
Our two-pass reverse osmosis and/or EDI systems produce ultrapure water up to 18 megohm for pharmaceuticals, electronics manufacturing, high-pressure boilers, gas turbines and other ultrapure applications.

Industrial & Commercial Filtration Systems

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

Maintenance, Operation & Monitoring Services

Our service portfolio offers multiple options for you to rely on us ensuring proper operation of your assets. Remote monitoring is a key component of our services which brings you peace of mind offering alarm management for an entire site accessible from anywhere.



ADVANCED Equipment and Services Inc. (also known as Advancees) is a global provider of custom water purification equipment for the Commercial, Industrial and Municipality markets. We focus on manufacturing efficient equipment's, simple and easy to operate and maintain with high quality materials at the best price in the industry.

Through seawater desalination plants, brackish reverse osmosis units, ultrafiltration, nano-filtration and Softeners we are driving innovation on the water treatment applied to different type of applications such as Desalination, Arsenic Removal, Iron Removal, Ultrapure water, High TDS Reduction, Deionization, High TDS Removal, Hydrogen Sulfite Removal and others that represent an issue for our customers.

We are flexible adapting to any customer need. The units can come with different options: Truly containerized solutions ready to operate, skid mounted systems, booster and feed pump skids, electro-deionization, MM filters, Ozone generators, UV systems, Pre-treatment and post-treatment units. Solar options available.

Membrane Applications:

Beverage/Bottled Water
Chemical Blending
Component Rinse Water
Consumer Products
Cooling Tower Water
Cosmetic
Drinking Water

Boiler Feed
Electronics
Food Processing
Medical
Pharmaceutical
Veterinary
Wastewater Reuse

Seawater Desalination Systems



CONTAINERIZED SEAWATER DESALINATION
SYSTEM – 1500M3D/400.000 GPD



ARKQUA™ SERIES – TRULY CONTAINERIZED
SEAWATER DESALINATION SYSTEM –
500M3D/132,000GPD



BRACKISH WATER SYSTEM SKID
MOUNTED 400M3D/110,000GPD



PUMP STATIONS

Flexible Solutions for your water needs

OUR STANDARD MODEL SIZE RANGE

- Our Solutions for Commercial, Industrial and Municipality markets start at 35M3D/10,000GPD

SOME 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 KwHr/1000 gallons
- Low flux to maximize membrane life

REMOTE MONITORING AND CONTROL FEATURE NOW INCLUDED IN ALL OUR SYSTEMS

www.advancees.com



SEAWATER DESALINATION SYSTEM
FOR OFF SHORE PLATFORMS

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 FOR YOUR INVESTMENT.



SOLAR CONTAINERIZED SEAWATER REVERSE
OSMOSIS SYSTEM