

1. Applied Membranes Inc. Company Presentation

Description: A company overview of Applied Membranes Inc. It describes company capabilities, experience and products. Applied products include:

- Membranes & Housing
- Instrumentation
- Filters
- Media Filtration
- Membrane Chemicals
- Silt Density Index Testing
- Membrane Elements
- Water Treatment Systems
- Containerized RO System

2. Series HL-300 – 9,000 GPD

Description:

Designed to produce low dissolved solids water from tap or well water, these RO systems use high efficiency reverse osmosis membranes. The product water is used in applications such as water stores, whole house, ice makers, humidification, misting and a wide variety of other applications.

- Processes: Reverse osmosis
- Product Volume: 1,200 GPD (quoted system)
- Feed Water Types: Brackish Water, 1,000 to 5,000 ppm TDS
- Concentrate Volume: Saline waste stream, 10 -15% recovery
- Power Requirements: Diesel generator providing power to the system – 150 kw
- Footprint: 20" x 35" x 55", 350 lbs
- Estimated Cost: \$9,748, AMI Model HL-44A-216
- System Availability: In-stock – 3 weeks, Built unit – 6 to 12 weeks

3. Series K-28,00 – 324,000 GPD

Description:

Designed to produce low dissolved solids water from tap or well water, these systems use high efficiency reverse osmosis membranes. The product water is used in applications such as semiconductor, boiler feed, pharmaceutical, municipal, water reuse, food processing, bottling, and a wide variety of other applications.

- Processes: Reverse osmosis
- Product Volume: 1,200 GPD (quoted system)
- Feed Water Types: Brackish Water, 1,500 to 3,000 ppm TDS
- Concentrate Volume: Saline waste stream, 65-80% recovery
- Power Requirements: Diesel generator providing power to the system – 90 kw
- Footprint: 40 ft container, 5,275 lbs
- Estimated Cost: \$405,725
- System Availability: In-stock – 3 weeks, Built unit – 6 to 12 weeks
- Notes: Specifications and price quote are attached. Quote includes the cost of a generator and the 40 ft container.

4. Pall AriaSM AP-Series Water Treatment Systems:

Description:

System Data Sheet for Product. Pall Aria SM AP-Series Water Treatment Systems are specifically designed to meet the drinking water treatment requirements of small communities. Aria systems use uniquely designed Pall Microza* membrane modules in a hollow fiber configuration to remove the following contaminants from surface and ground water sources:

- Turbidity
- Bacteria
- Cysts and Oocysts
- Iron and Manganese
- Arsenic

5. Containerized Mobile Water Treatment Systems

Description:

AMI offers a variety of mobile water treatment systems for fast response for emergency situations, supplemental or temporary requirements. Our mobile system solutions are available in a full range of applications such as Reverse Osmosis, Ultrafiltration, Nanofiltration, Seawater Desalination, and Softening & Filtration. Some systems include:

- Containerized Seawater & Brackish Water RO Systems for Military Use: Treat water with 20,000 ppm to 45,000 ppm feed TDS. Flowrate is 120,000 gal/day.
- Containerized High Brackish Water RO Systems: High Brackish Feed Water of 10,000ppm TDS, 60,000 Gallon Per Day Reverse Osmosis Systems
- Containerized 2-Pass Seawater RO System for Off-Shore Oil Platform Installation: 25 GPM Seawater RO System, 2-Pass + 10 GPM Potable water from 1st Pass, feedwater 35,000 PPM @ 50°F (10°C)