

CRANE

CRANE ENVIRONMENTAL
PURE *Water* MADE SIMPLE™

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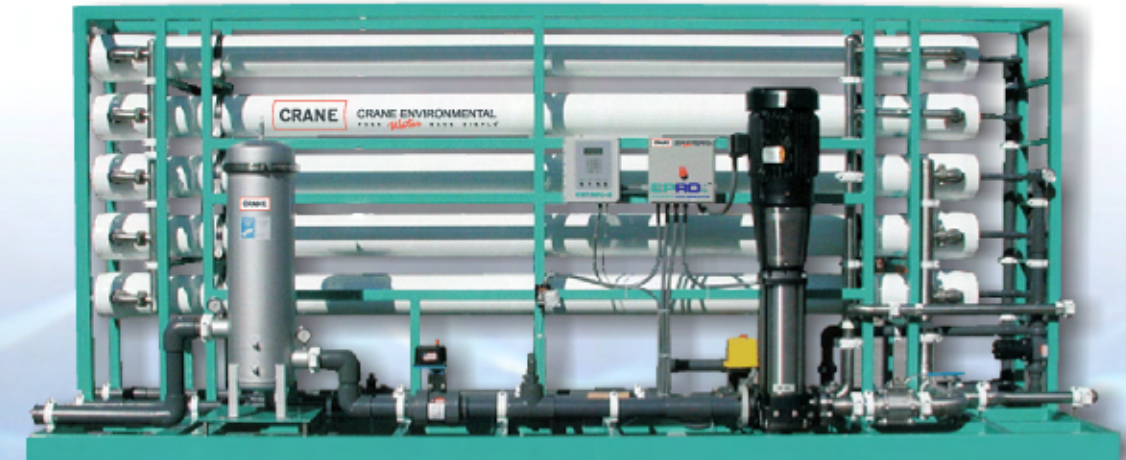
Field Service

- System Start Up
- System Evaluation
- Service Contracts
- Operator Training
- Extended Warranty
- Emergency 24/7 Tech Support



5128 Flag Drive Gallows Bay
Christiansted St. Croix 00824
340.778.3156

EPRO[™]

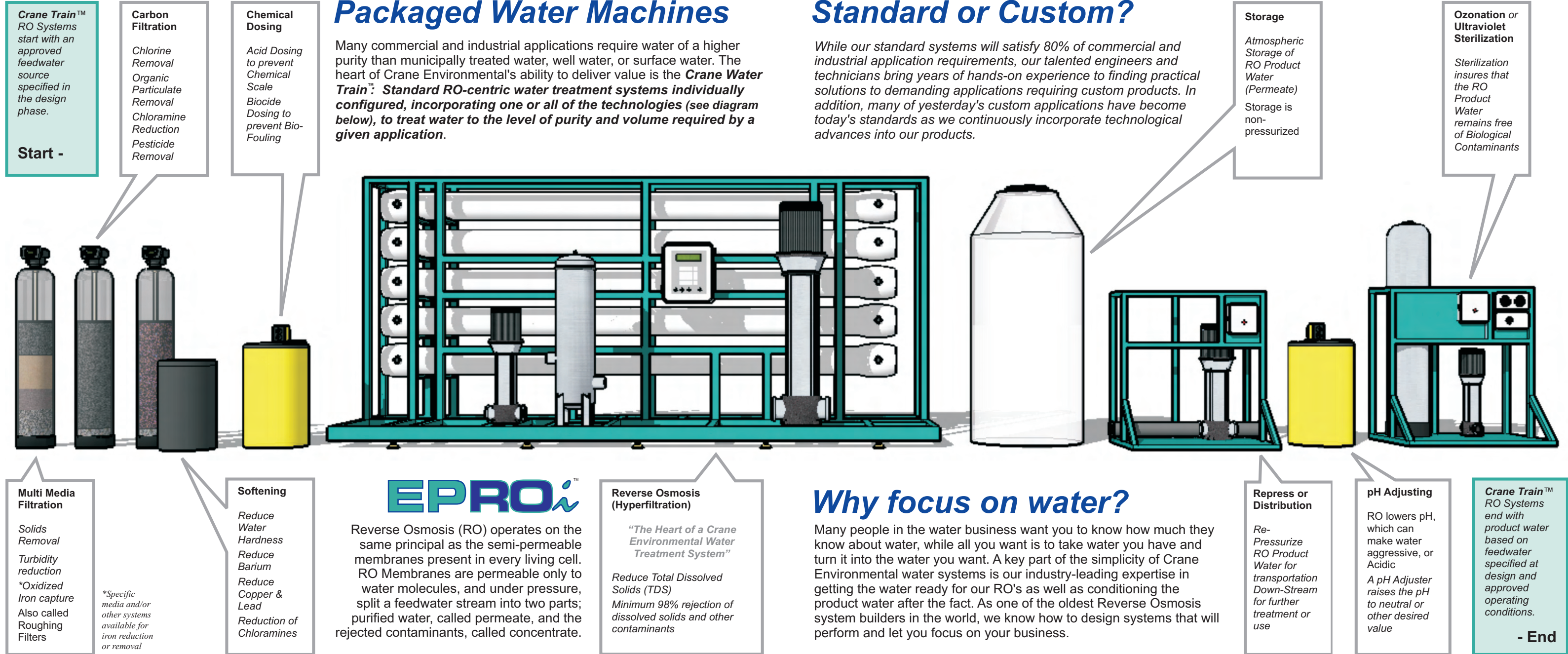


We turn the **water** you have
into the *Water You Need*™

Standard Reverse Osmosis Machines

The Crane Water Train™

The shortest, easiest, simplest path to meeting your water specification



Faster, Better, Easier™

With all of our products and services, Crane Environmental employs Lean Manufacturing Principles to achieve a culture of continuous improvement. As a result, we are able to deliver higher quality products faster from quote to your dock. Our continuous improvement in productivity and cost reduction means that we are able to deliver more value. It also means that we are able to deliver equipment in the time it takes some competitors to deliver a quote.



Design Advantages:

- ☑ Single Power Point for RO machines
- ☑ Skid Envelope protects major components
- ☑ Simple-to-operate controls for all system functions
- ☑ Easy Startup, Commissioning and Maintenance
- ☑ Configured by our Application Engineers to meet your specific requirements (You don't buy what you don't need)
- ☑ Components integrated into a simple to install and operate unit
- ☑ Solid Hydraulic Design protects your investment
- ☑ All RO units are tested prior to shipment

"We turn the water you have into the water you need"™

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Tapwater or Seawater?

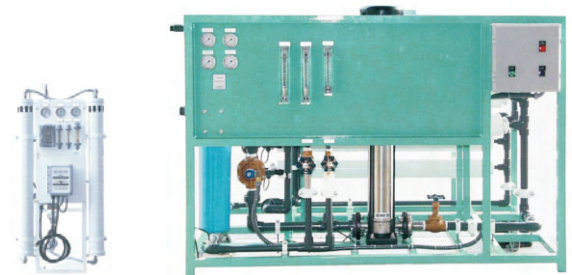
We have standard machines for economically treating your existing water source

EPRO™ Industrial Reverse Osmosis for 0.1 to 500 gallons per minute from tapwater



Standard Features*

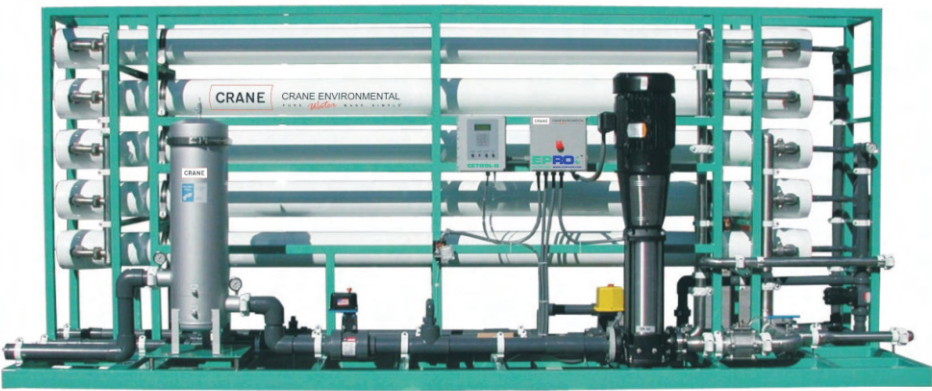
- Electronic control package
- FRP pressure vessels (8")
- Sample Ports
- Cleaning Ports
- Filmtec Membranes
- Prefilter 316 stainless steel*
- Grundfos 460/230 V 60Hz 304 stainless steel pump



EPRO™ 2X440 EPRO™ 7X440

- (Standard Features continued)
- Less than 1,000 TDS feedwater
 - Low Pressure Cut-off at 20 PSI
 - Standard Intake 40 PSI
 - Designed for 70% recovery
 - Standard packaging for shipping

*for machines over 7.5 GPM



EPRO™ 20X840

Options*

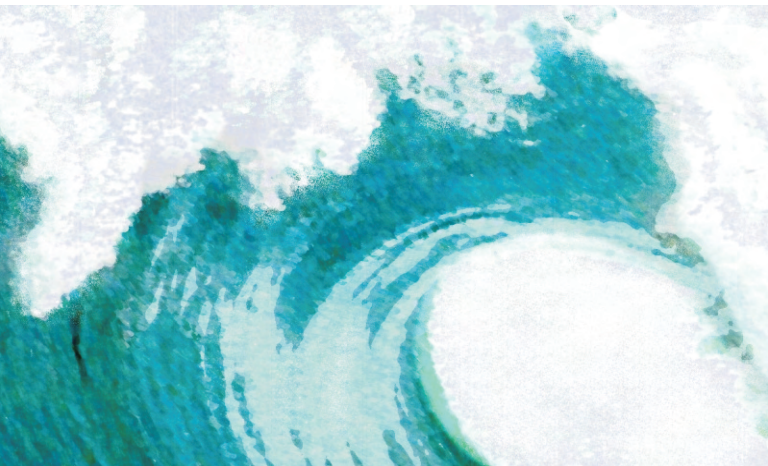
- 316 stainless steel pump
- Up to 3 Dosing Systems - off skid (each may be either PVC, PVC w/mixer, or PVDF w/mixer)
- C.I.P. (Tank off skid, pump and 18x16 electrical box on skid)
- Second pH or ORP
- High TDS divert with alarm and 3-way ball valve
- Filmtec coldwater membranes
- Full crating
- No-wood packaging

High performance products.
High performance team!



Award-winning Venice, FL Assembly Plant.

EPRO™ SW Industrial Reverse Osmosis for 0.1 to 300 gallons per minute from seawater



Standard Features*

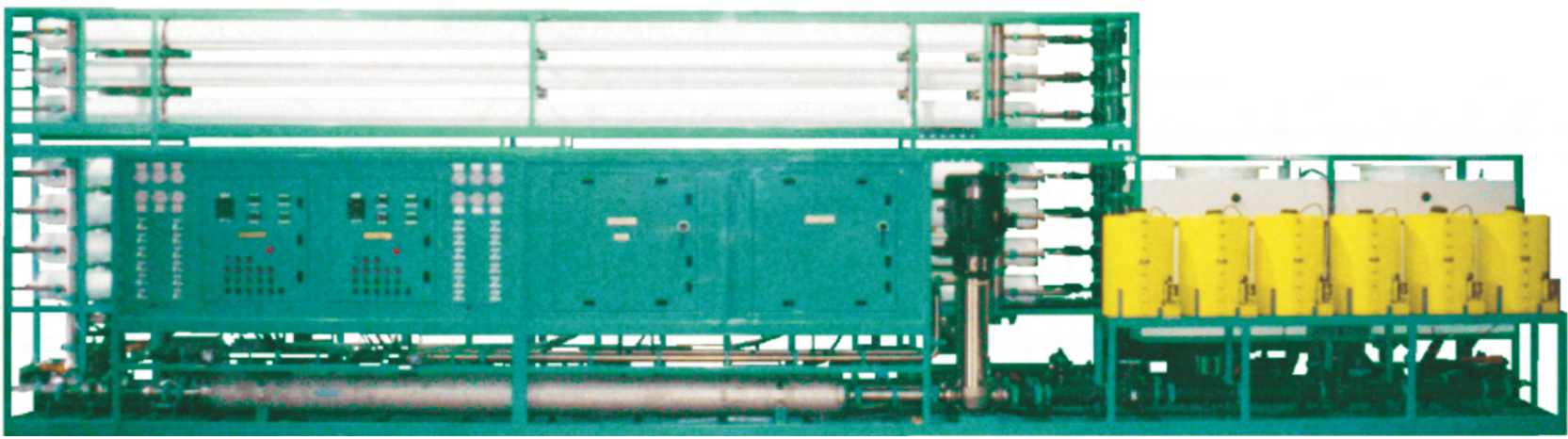
- Dupont epoxy primer with urethane-coated stainless steel frame
- 2205 duplex SS high pressure piping
- Danfoss positive displacement pump (9x840 and smaller)
- Fedco pump with energy recovery turbine (12x840 and larger)
- PVC schedule 80 low pressure plumbing
- Automatic permeate flush
- Electronic control package



EPRO™ SW 2X221 EPRO™ SW 2X840

- (Standard Features continued)
- TDS monitor on permeate
 - Antiscalant dosing (off skid) on feed
 - 316 SS Dykar-coated prefilter
 - Permeate pH meter
 - Fiberglass pressure vessels
 - Partial crate or international packaging

*for machines over 8.3 GPM



EPRO™ SW 8X840

Options*

- Chemical Dosing (up to 2 additional) off skid
- Static Mixer
- Feed pH meter
- Fiberglass Prefilter
- Allen Bradley PLC with (8.5" touchscreen, not Allen Bradley)
- VFD
- ERI PX System & PD Pump (includes VFD) [CALL FOR QUOTE]

All machines shown with options.
Features and options subject to change without notice.



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Applications and Configurations



Oil & Gas / Chemical



Power



Marine



Resort



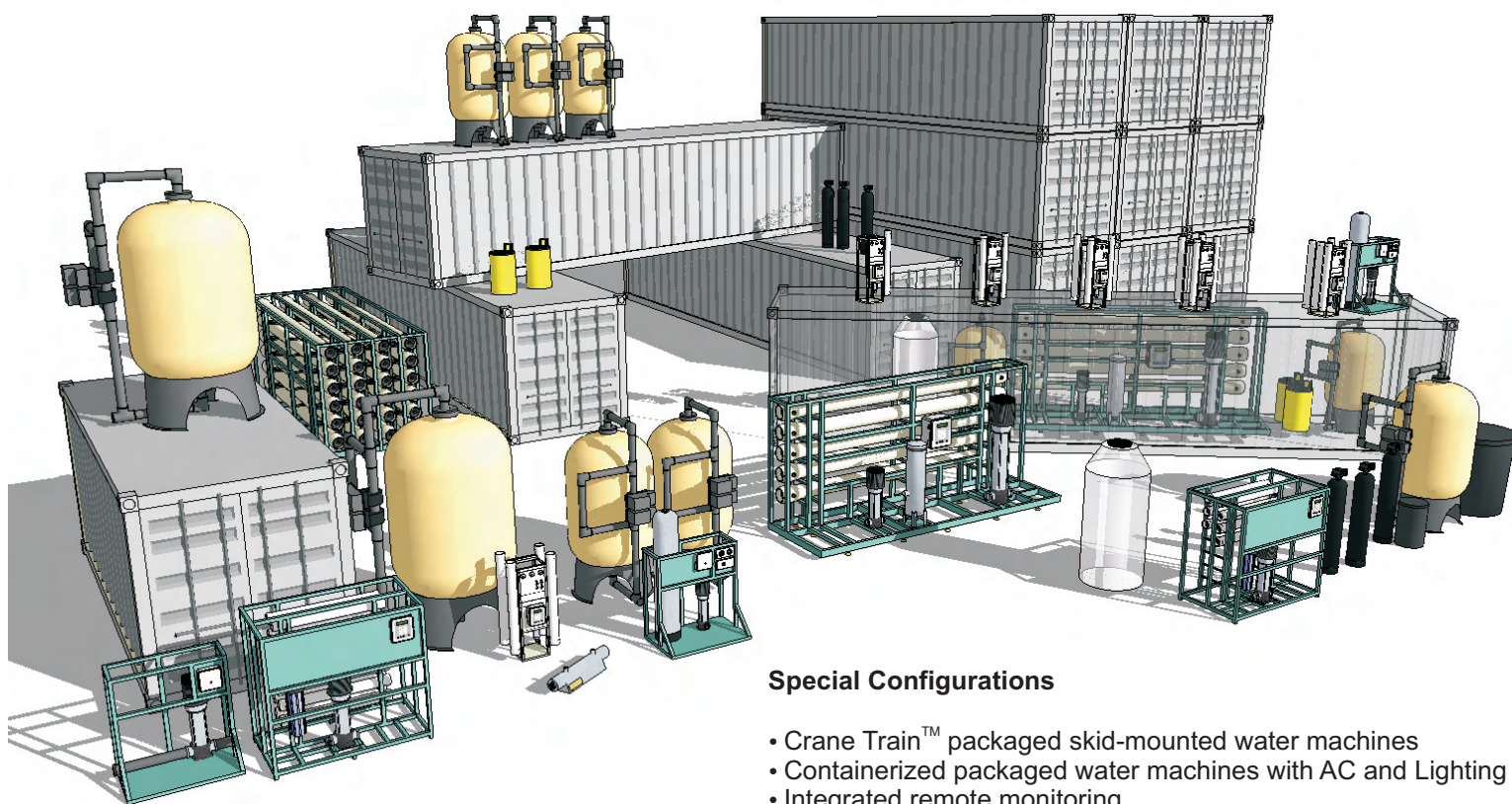
Offshore Platform



Manufacturing

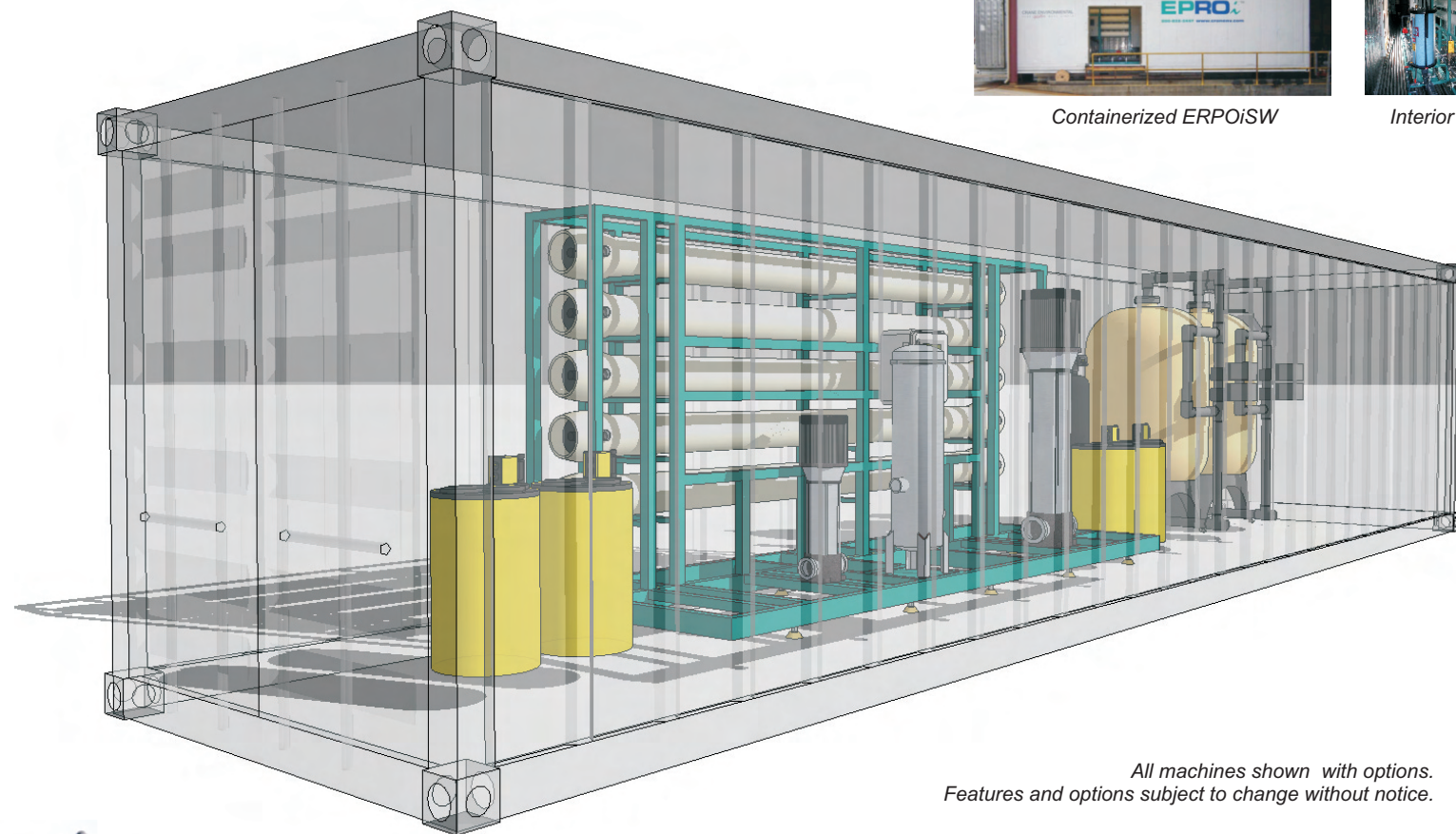
Got a challenging application?
We've seen it all, built it all.

CRANE



Special Configurations

- Crane Train™ packaged skid-mounted water machines
- Containerized packaged water machines with AC and Lighting
- Integrated remote monitoring
- Packaged marine fresh water systems
- Electrodionization (EDI) and polishing



Containerized ERPOiSW



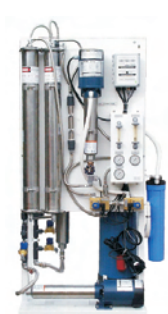
Interior

All machines shown with options.
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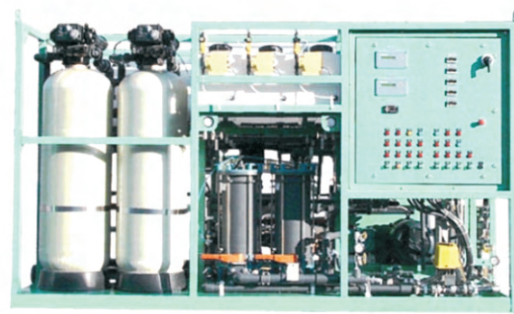
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Custom Compact EPROiSW™



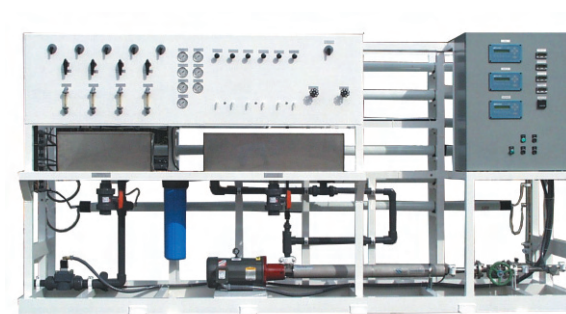
Compact Vertical



Crane Train™ on a single skid



Skid-mounted Triplex Pretreatment



Pilot System - Research and Analysis



Reverse Osmosis - Electrodionization (EDI) - Chemical Dosing