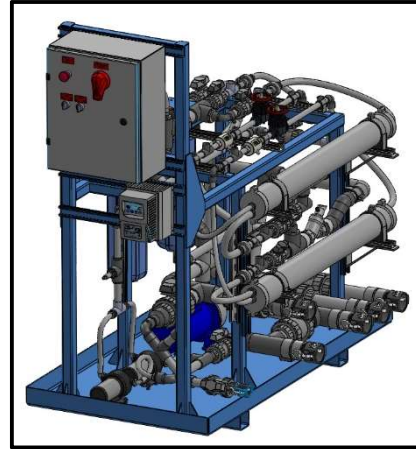
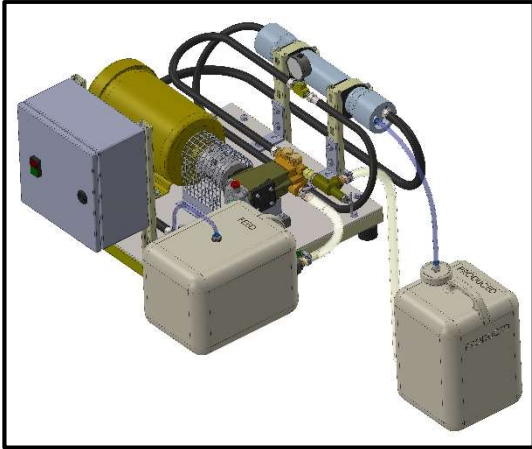


Reverse Osmosis Systems Datasheet



Unlike our competitors RO systems, our systems are compact and built to fit in tight spots! Instead of using a stacked membrane and long layout design, we design our systems to fit comfortably on a skid that uses only half the space of typical commercial RO systems. Our integrated user panels and VFD controlled pumps make our systems as compact as we can get them – without huge pressure drops. Typical Schedule 80 PVC/CPVC construction on the low-pressure lines and SST construction on the high pressure lines, we can put together any system - big or small, fresh, brackish or desalination – to fit your process needs.

Tabletop versions thru 10' skids, our engineers will design you a solution to meet your needs. If desired, our systems can be fully integrated with auto backwashing pre-filters and PPG Spiral Wound Membrane MF/UF pre-RO polishing filters – along with any combination of post-RO (carbon, polishing, etc.) elements. 2.5", 4" and 8" housings with 14", 21", 40" and longer combinations available depending on your flow needs. We can do any system in manual valves/analog gauges to full PLC controlled systems with remote logins.

Need something custom or have really difficult water – consult with us to develop your custom design.

Physical Characteristics	
System Size	2' x 2' to over 8' x 10', depending on flow rates
System Weight	100-5,000 pounds dry
Electrical	
Voltage / Frequency / Type	480 VAC, 60 Hz, 3 Phase Or 208-240 VAC, 60 Hz, 3 Phase Single Phase and European (50 Hz) Power available on request
Breaker Size	5 to 100 Amps, 3 Ø
Water Characteristics	
Influent Water	Ground Water / Gray Water / Brackish Water
Influent Temperature	120 (max) °F
Flow Rates	Units as low as 150 GPD up to 250 GPM
System Interconnections	
Water Connections	1-1/2", 2" or 4" Unions or Cam-Lok Connectors
Electrical Connection	Twist-lock Plug, flying leads or internal lugs