



Industrial Water Systems

Products & Company Brochure

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



ENGINEERING YOUR SUCCESS.

Atlantic Sea Series

Safe, reliable and supported
anywhere in the world



The Atlantic Sea is Parker Sea Recovery's largest series of SWRO systems. Its features include a small footprint and fully automatic controls with the capability to produce up to 1,200 metric tons per day. The Atlantic Sea also boasts the lowest consumption of energy per ton of water produced. This system is perfect for those who require an unlimited amount of fresh water anywhere at anytime.

Efficiently productive

From its fully automated controller to its low maintenance HP pump and its I-Save energy recovery system, the Atlantic Sea flawlessly delivers high production capacities. Its automated controller is easy to operate and allows real-time remote monitoring of essential system functions.

The Atlantic Sea's high pressure pump is the most compact and efficient pump on the market. Its flexible installation doesn't require frames, belt drives or gear boxes. The HP pump is corrosion resistant and completely eliminates oil leaks and membrane fouling caused by oil leaks.

The Atlantic Sea is capable of instant-on start-up that allows the system to produce usable, fresh water within minutes.



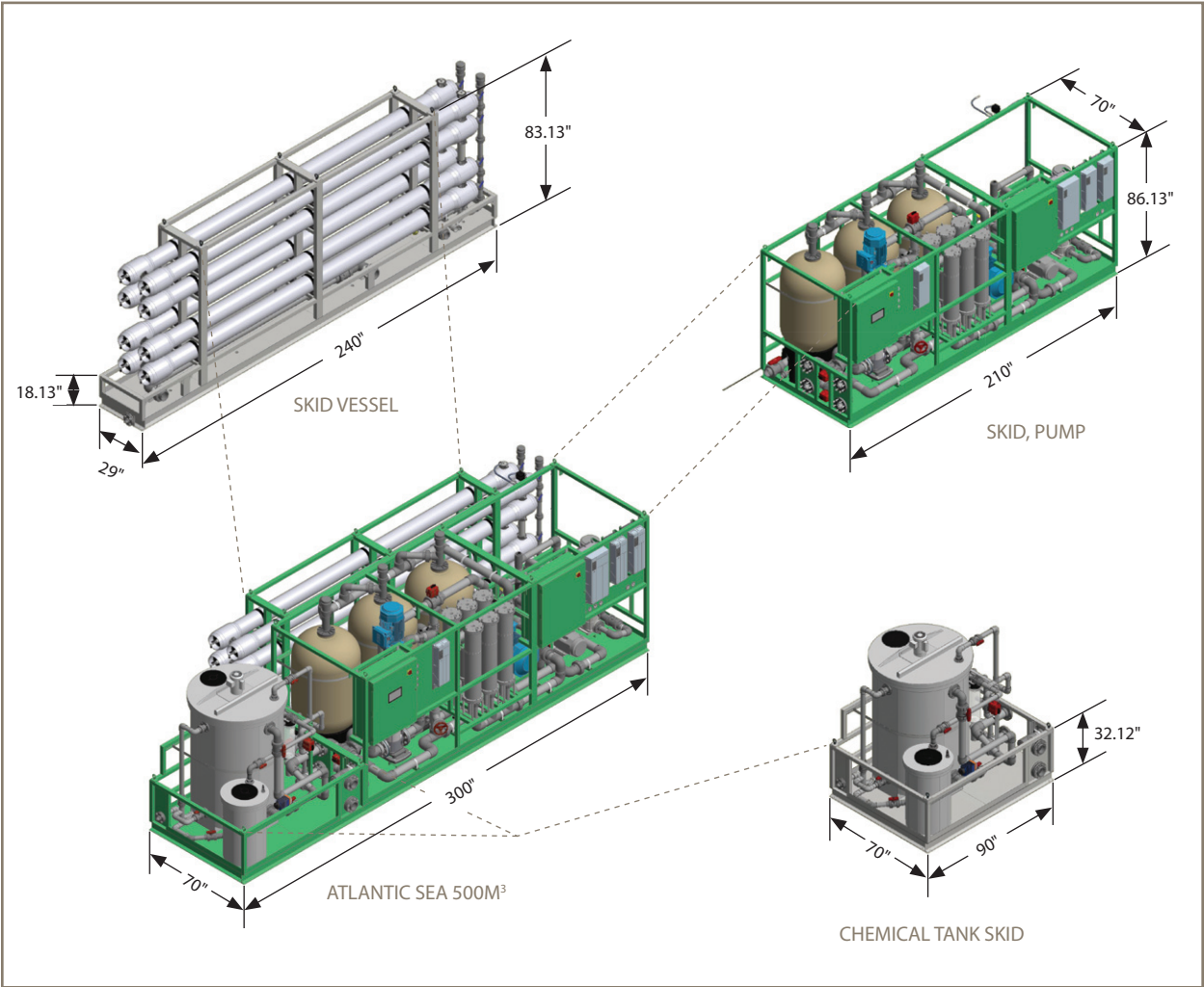
Product features

- **Mega production - up to 1,200 metric tons per day**
- **Digital control with standard MODBUS**
- **Low-maintenance HP pump**
- **I-Save energy recovery system**
- **One-touch start up with instant-on feature**

Atlantic Sea System Specifications

System Production	Energy Recovery Available / Type	No. of Membranes	Production / Hour	Production / 24 Hrs.	Estimated Energy Savings Per M ³ of Water Produced
250 M ³	YES / I-SAVE	12	2,752 gal	66,043 gal	40%
300 M ³	YES / I-SAVE	16	3,302 gal	79,252 gal	40%
400 M ³	YES / I-SAVE	20	4,403 gal	105,669 gal	44%
500 M ³	YES / I-SAVE	30	5,504 gal	132,086 gal	44%
600 M ³	YES / I-SAVE	50	6,604 gal	158,503 gal	44%
750 M ³	YES / I-SAVE	60	8,255 gal	198,129 gal	44%
1000 M ³	YES / I-SAVE	100	11,007 gal	264,172 gal	48%
1200 M ³	YES / I-SAVE	120	13,209 gal	317,006 gal	49%

Atlantic Sea Dimensions



Customized Systems

Designed to meet unique needs

Parker Sea Recovery's advanced water systems are capable of being customized to the special needs of individual customers. The company works closely with customers to meet all specifications, whether it's for customized parts, production capacities or a complete customized re-design. Parker Sea Recovery's customized reverse-osmosis water systems provide the same advanced technologies as standard systems and are delivered and commissioned to any location in the world. A typical delivery time for customized systems ranges from 10 to 12 weeks.

Design

After receiving specifications, Parker Sea Recovery's engineers and system designers create a system that is designed to meet or exceed client specifications. Once the final design is approved by the customer, the dedicated Parker Sea Recovery team of specialists begins building a system that will look and function to agreed standards.

Build

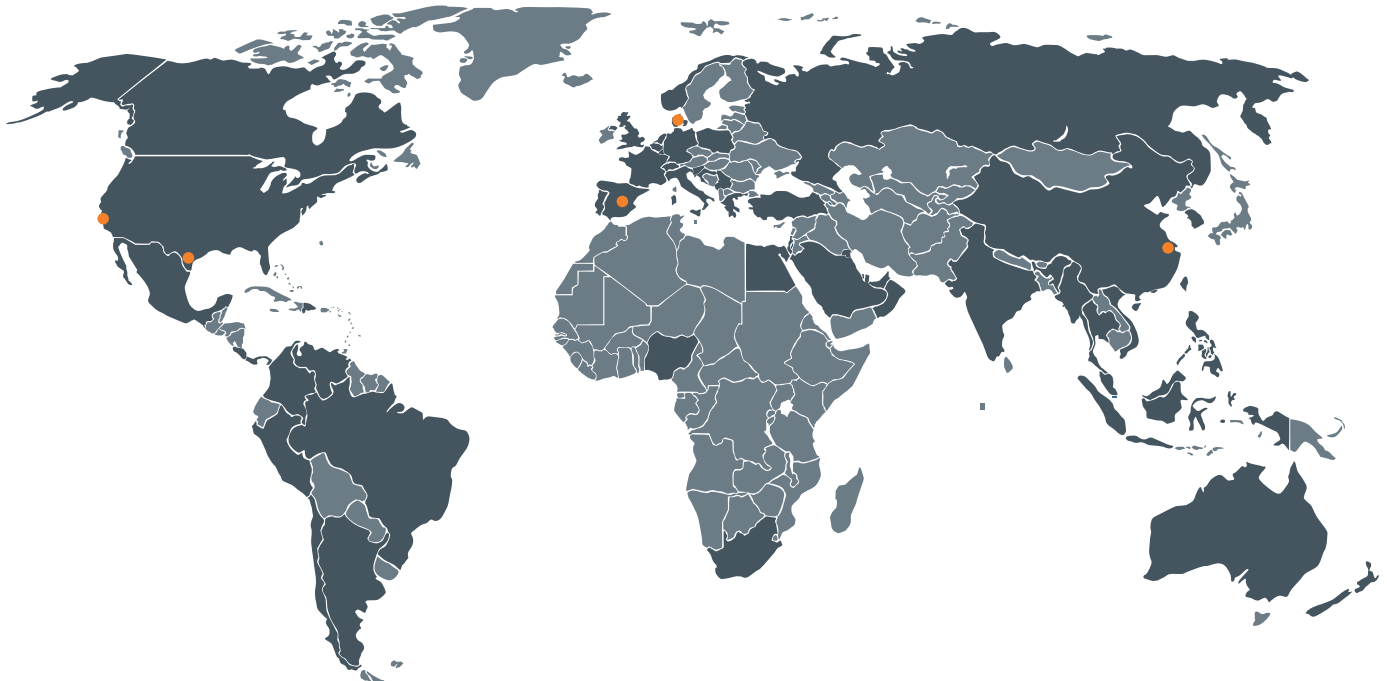
Customized systems are given as much attention as our standard systems. Always at the lead in industry standards, Parker Sea Recovery water systems are built with quality components and materials, incorporating advanced electronics and modern user interfaces that allow ease of operation and maintenance. The Parker Sea Recovery development process also includes extensive testing to the system will run flawlessly and adhere to safety standards once in full operation.

Delivery and Commissioning

Parker Sea Recovery's local sales representatives work closely with customers to ensure their system is delivered and commissioned promptly and properly. With service specialists located in every part of the world, Parker Sea Recovery has local assistance always at the ready. Typically a completely re-designed custom system can be delivered in about 12 weeks.



Worldwide Agents and Dealers



● Local Factory Sales Offices

■ Agents and Distributors

Visit our website to find a dealer, agent or service technician near you.

www.searecovery.com

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