

Dometic Sea Xchange CX Watermakers

Most Advanced & Durable Commercial-Grade RO System



Dometic Sea Xchange CX20000 model shown

Dometic Sea Xchange CX series commercial-grade watermakers provides the optimum solution to the most demanding applications including commercial marine, petroleum exploration, development and support, offshore activities, military vessels, private and commercial real estate developments and resorts, municipalities, and a variety of other applications where commercial demands require larger volumes of water.

CX systems provide the convenience of fully automatic operation, coupled with the backup reliability of mechanical and electrical overrides for full redundancy.

Ranging in output from 8,000 to 40,000 GPD, CX systems utilize variable frequency technology to ramp up or down outputs depending on the requirements.

CX systems are the most innovative and the most rugged commercial-grade systems available. They are constructed with rugged, Line-X coated, welded steel frames designed to withstand the most extreme environments encountered offshore. The membrane vessel assembly is built in a separate integrated frame which can either be joined to the system frame, or can be remotely mounted if installation space is limited.

CX systems have all 316SS plumbing on the high- and low-pressure sides of the system to provide unparalleled, maintenance-free durability. CX systems also have backwashable media filtration incorporated on the watermaker skid, which greatly reduces maintenance costs. Further, CX systems have multiple 316SS prefilter housings that incorporate unique cyclonic prefiltration technology, providing longer prefilter life.

Superior system design is demonstrated by state-of-the-art 316SS passivated motor mount isolators which properly support the system's high pressure pump during operation, thus minimizing system vibration. Super-duplex, water-cooled radial axial high pressure pumps, which have 8,000 hour service intervals, are employed. CX systems are controlled using a 13-in. color touch screen display, and they also provide both digital and analog pressure and flow monitoring.



Ideal for military vessels,



...island resort hotels,



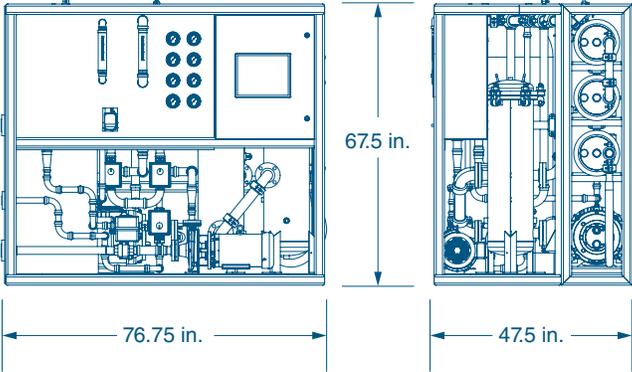
...and oil platforms.

Key Benefits

- Fully automatic with mechanical and electrical redundancy
- Uses variable frequency technology to increase system output
- Produces 8,000 to 40,000 GPD
- 316SS plumbing on high-pressure and low-pressure sides of the systems
- Digital and analog pressure and flow monitoring
- Automatic, backwashable media filter reduces service and maintenance costs
- Automatic, fully programmable freshwater flush extends membrane service intervals
- Rugged, Line-X coated, welded steel frame
- Membrane racks can be remotely mounted
- Utilizes the most advanced 316SS passivated motor mount isolating technology for balanced operation
- Includes a super-duplex, water-cooled, radial axial high pressure pump that has an 8,000 hour recommended service interval, which greatly reduces ongoing maintenance costs
- 316L SS prefilter housings provide a total of 340 sq. ft. of prefiltration surface area
- Superior prefiltration extends system component life and reduces maintenance costs
- Remote monitoring and operation minimizes service and maintenance costs
- Customer specified prefiltration and postfiltration packages



Dimensions



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