



## OSMOSEA EVO 321S NAUTICAL/LAND FACILITIES WATERMAKER 140 LT/H

Reference: A-0000002209

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The Osmosea EVO 321S watermaker is a one-piece reverse osmosis plant equipped with 3 2521 carbon vessels, capable of supplying up to 140 lt/h of fresh water through the reverse osmosis process.

The watermaker's semipermeable membrane used in the reverse osmosis process separates salt and impurities in seawater from fresh water, allowing fresh water to be collected on the opposite side of the membrane.

Versatility is one of the key features of the Osmosea EVO 321S. Due to its high throughput capacity, it is suitable for a wide range of applications, including luxury yachts, commercial vessels, and sport activity boats. It can easily provide fresh water for cooking, showers, washing and other daily needs.

Reliability and durability are key features of the Osmosea EVO 321S. Constructed of high-quality, corrosion-resistant materials, it is designed to withstand demanding marine conditions, ensuring long life and consistent performance over time. It requires minimal maintenance and offers reliable operation even in adverse marine conditions.

#### The watermaker is sold complete with:

- Touchscreen Remote Panel
- APS (Automatic High Pressure Regulation System)
- AISI 316 Stainless Steel Feed Pump
- High pressure pump made of AISI 316 stainless steel
- Pre-filters
- Post-filter
- AFS (Automatic Flushing System)
- Carbon Filter for Flushing
- Non-compliant produced water rejection system
- Digital Plant Controller
- Analog Emergency Panel
- Non-Return Valve
- NMEA 2000 Compatibility

The watermaker is designed to be compact and easily installed in both marine and terrestrial environments. The OSMOSEA Evo 321S features a solid and durable chassis that ensures durability and protection of internal components. In addition, the watermaker is designed for quiet operation with low power consumption, offering optimal efficiency in both freshwater production and energy savings.

The Osmosea EVO 321S watermaker's control system constantly monitors the quality of water produced, ensuring that it is of high quality and potable. The Osmosea EVO 321S watermaker is also compact and easy to install, suitable for any vessel, large or small, and requires little in the way of maintenance.

## REMOTE PANEL FUNCTIONS

- Start/Stop
- Start with Soft Start
- Automatic Stop with timer or with programmable liter counter
- Inlet Pressure Readout
- Differential pressure reading
- Readout lt/h produced
- Salinity reading
- Hour counter
- Immediate osmotic membrane flushing
- Osmotic membrane flushing Periodic
- Automatic Pressure Regulation
- Salinity Monitoring and Control System

## TECHNICAL CHARACTERISTICS OSMOSEA EVO 321S

Production: 140 lt/h  
Daily Production: 3360 lt/day  
Vessel Number: 3  
Vessel Type: 2521 Carbon  
Membranes: Tri-polyamide high efficiency  
Expelled Salt: 99.4%  
Pressure adjustment: Automatic  
Salinity monitoring: Automatic  
Maximum use salinity: 50000 ppm  
Power supply voltage: 110 / 230 / 400 V  
Frequency: 50 Hz  
Installed power: 2.4 KW  
Frame: stainless steel  
Length: 699 mm  
Width: 475 mm  
Height: 441 mm  
Weight: 53 kg

Looking for a watermaker with different features? [HERE](#) you can find the area dedicated to watermakers from OSMOSEA or other specialized brands.

Non-binding images and technical data.

## Technical Sheet

Length (mm)	699
Width (mm)	475
Height (mm)	441
Feed Type	110 / 230 / 400 V
Production for hour at 25°C (Lt/h)	140
Daily production at 25°C (Lt/day)	3360
Membranes	n.3 2.5" x 21"
Remote panel	Digital touch screen
Product type	Watermaker
Weight (Kg)	53