

OSMOSEA EVO 240S NAUTICAL/LAND FACILITIES WATERMAKER 200 LT/H



Reference: A-0000002212

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The Osмосеа EVO 240S watermaker is a one-piece reverse osmosis plant equipped with 2 2540 carbon vessels, capable of supplying up to 200 lt/h of fresh water through the reverse osmosis process.

The watermaker's semi-permeable membrane used in the reverse osmosis process separates the salt and impurities in the seawater from the freshwater, allowing the freshwater to be collected on the opposite side of the membrane.

The OSMOSEA EVO 240S watermaker uses reverse osmosis technology to remove salt and impurities in seawater, transforming it into high-quality fresh drinking water. With a production capacity of 200 liters per hour, this watermaker can meet the needs of medium-sized boats, yachts or land-based locations where drinking water supply is limited.

Reliability and durability are key features of the Osмосеа EVO 240S. 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 desalination system is designed to be compact and easily installed in both marine and terrestrial environments. The OSMOSEA Evo 240S 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 Osмосеа EVO 240S watermaker's control system constantly monitors the quality of the water produced, ensuring that it is of high quality and potable. The Osмосеа EVO 240S watermaker is also compact and easy to install, suitable for any boat, 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 240S

Production: 200 lt/h
Daily Production: 4800 lt/day
Vessel Number: 2
Vessel Type: 2540 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: 2.7 KW
Frame: stainless steel
Length: 1325 mm
Width: 389 mm
Height: 481 mm
Weight: 78 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

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|------------------------------------|----------------------|
| Length (mm) | 1325 |
| Width (mm) | 389 |
| Height (mm) | 481 |
| Feed Type | 110 / 230 / 400 V |
| Production for hour at 25°C (Lt/h) | 200 |
| Daily production at 25°C (Lt/day) | 4800 |
| Membranes | n.2 2.5" x 40" |
| Remote panel | Digital touch screen |
| Product type | Watermaker |
| Weight (Kg) | 78 |