

OSMOSEA EVO 340S NAUTICAL/LAND FACILITIES WATERMAKER 270 LT/H



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The Osmosea EVO 340S watermaker is a one-piece reverse osmosis plant equipped with 3 2540 carbon vessels, capable of supplying up to 270 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 340S 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 270 liters per hour, this watermaker can meet the needs of medium-sized boats, yachts or land-based locations where drinking water supply is limited.

The watermaker is equipped with an automatic control system that precisely monitors and regulates the desalination process. This ensures continuous production of fresh water with the highest possible level of efficiency and quality. The system also has built-in safety devices that protect the watermaker from failure or malfunction.

OSMOSEA is known for the quality and reliability of its products. The OSMOSEA Evo 340S is carefully designed and follows strict manufacturing standards to ensure optimal performance. The company also offers professional customer service to ensure customer satisfaction and proper maintenance of the watermaker over time.

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 land environments. The OSMOSEA Evo 340S 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 340S watermaker's control system constantly monitors the quality of the water produced, ensuring that it is of high quality and potable. The Osmosea EVO 340S 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 340S

Production: 270 lt/h
Daily Production: 6480 lt/day
Vessel Number: 3
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: 4 KW
Frame: stainless steel
Length: 1325 mm
Width: 440 mm
Height: 515 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

Length (mm)	1325
Width (mm)	440
Height (mm)	515
Feed Type	110 / 230 / 400 V
Production for hour at 25°C (Lt/h)	270
Daily production at 25°C (Lt/day)	6480
Membranes	n.3 2.5" x 40"

Remote panel	Digital touch screen
Product type	Watermaker
Weight (Kg)	78
