

## OSMOSEA NEW12 50 NAUTICAL WATERMAKER 50 LT/H

Reference: A-0000002260



### OSMOSEA NEW12 50 NAUTICAL WATERMAKER 50 LT/H

The Osмосea New12-50 watermaker is a one-piece reverse osmosis plant equipped with 2 carbon 2521 vessels, capable of supplying up to 50 lt/h of fresh water through the reverse osmosis process.

The watermaker's semipermeable 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 Osмосea New12-50 nautical watermaker is specially designed for boats, offering constant production of fresh water thanks to its automatic control system, which regulates pressure and pump speed.

The Osмосea New12-50 watermaker's control system constantly monitors the quality of the water produced, ensuring that it is of high quality and potable. The Osмосea New12-50 watermaker is also compact and easy to install, suitable for any boat, large or small, and requires little in the way of maintenance.

#### The watermaker is sold complete with:

- Osмосea® Pressure Intensifier
- Stainless Steel Feed Pump with Brushless Motor
- Pre-filter
- Post-filter;
- Flushing System
- Carbon Filter for Flushing
- Touchscreen Remote Panel
- Digital System Control Unit
- Brushless Motor Control Unit
- Installation Kit (Hoses, fittings, hose clamps)
- Maintenance Kit (No.1 spare filter set, filter wrench, Products for washing and winterization)
- Non-Return Valve
- NMEA 2000 Compatibility

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#### REMOTE PANEL FUNCTIONS

- Start/Stop
- Start with Soft Start
- Automatic Stop with timer or with programmable liter counter
- Inlet Pressure Reading
- 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 NEW12 50

Production: 50 lt/h  
Daily Production: 1200 lt/day  
Vessel Number: 2  
Vessel Type: 2521 in Carbon  
Membranes: high efficiency  
Salt expelled: 99.4%  
Pressure regulation: Not necessary  
Salinity monitoring: Automatic Electronic  
Maximum use salinity: 50000 ppm  
Power supply voltage: 12 / 24 V  
Installed power: 180 W  
Frame: stainless steel  
Length: 796 mm  
Width: 300 mm  
Height: 353 mm  
Net weight: 45 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

Power (W)	180
Length (mm)	796
Width (mm)	300
Height (mm)	353
Feed Type	12 / 24 VDC
Production for hour at 25°C (Lt/h)	50
Daily production at 25°C (Lt/day)	120
Membranes	n.2 2.5" x 21"
Remote panel	Digital touch screen
Product type	Watermaker
Weight (Kg)	45