

OSMOSEA NEW12 50 NAUTICAL WATERMAKER 50 LT/H

Reference: A-0000002260



OSMOSEA NEW12 50 NAUTICAL DESALINATOR 50 LT/H

The Osмосea New12-50 watermaker is a monoblock reverse osmosis system equipped with two 2521 carbon vessels, capable of producing up to 50 liters/h of fresh water through the reverse osmosis process.

The semipermeable membrane used in the reverse osmosis process separates the salt and impurities present in seawater from the freshwater, allowing the freshwater to be collected on the opposite side of the membrane.

The Osмосea New12-50 watermaker was specifically designed for boats, offering constant freshwater production thanks to its automatic control system, which regulates the pressure and pump speed.

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

The watermaker is sold complete with:

- Osмосea® Pressure Intensifier
- Stainless Steel Fuel 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
- Non-Return Valve
- NMEA 2000 Compatibility

The The Osмосea New12-50 marine watermaker was specifically designed for boats, offering consistent freshwater production 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 it is high-quality and drinkable. The Osмосea New12-50 watermaker is also compact and easy to install, suitable for any vessel, large or small, and requires little maintenance.

REMOTE PANEL FUNCTIONS

- Start/Stop
- Soft Start
- Automatic Stop with timer or programmable flow meter

- Inlet Pressure Reading
- Differential Pressure Reading
- L/h Product Reading
- Salinity Reading
- Hour Counter
- Immediate RO Membrane Flushing
- Periodic RO Membrane Flushing
- Automatic Pressure Regulation
- Control and Monitoring System Salinity

TECHNICAL CHARACTERISTICS OS MOSEA NEW 12 50

Production: 50 l/h
Daily production: 1200 l/day
Number of Vessels: 2
Vessel Type: 2521 Carbon
Membranes: High efficiency
Salt expelled: 99.4%
Pressure regulation: Not necessary
Salinity monitoring: Automatic Electronic
Maximum salinity use: 50,000 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 OS MOSEA watermakers or other specialized brands.

Images and technical data are not binding.

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