

# JOWA RO 3,2T-5,5T SEA REVERSE OSMOSIS

FRESH WATER MAKER



“MADE FOR MARINE”



## FOR FRESH WATER PRODUCTION

Fresh water maker using environmentally friendly Reverse Osmosis technology. A high-quality system producing excellent potable water.

JOWA RO 3,2-5,5T Sea is a compact plug and play system designed for a tough marine environment. Easy access for maintenance and ergonomic operational design.

Capacity is 3,2T or 5,5T potable water per day. Continuous monitoring and automatic rejection of the product flow depending on salinity value. Full production with a seawater temperature between 6-35°C and a TDS of 35 000ppm (salinity).

The unit can be equipped with energy saving recovery system that saves up to 50% of the energy consumption. Unique design with top quality HMI interface. User friendly touch screen prepared for communication to ECR/ AIS via PROFIBus, CANbus, MODbus and more.

### Main features

- » Modular plug & play system for easy installation
- » Small footprint
- » High pressure piping system in SS316L material
- » Direct driven high-pressure pump SS316L
- » Salinity control system with automatic 3-way valve
- » Auto flush system after each stop, via active carbon filter
- » Low pressure switch upstream HP pump
- » Hi-Flow 20" 5micron feed water filter
- » Communication features: TCP/IP, MODbus, CANbus, RS232, RS485, USB and more
- » High quality HMI colour touch graphic display
- » Robust Marine Design
- » All in one skid solution

### Pre/post treatment and options

- » Pre-filter multilayer bed AFM green glass system for best performance.
- » CIP cleaning tank
- » Re-hardening filter
- » Dosing equipment for anti-scalant, chlorine and more
- » UV sterilizer or Silver Ion Sterilizer
- » CO2 dosing system
- » Feed pump or Feed valve

Size	Capacity (m3/24h)	TDS	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
RO 3,2T SEA	3,2T/24h	<500ppm	1250	550	980	119
RO 5,5T SEA	5,5T/24h	<500ppm	1250	550	980	132