JOWA RO 15T-30T SEA REVERSE OSMOSIS

FRESH WATER MAKER

"MADE FOR MARINE"

JOWA

www.jowa.com

an IMS GROUP company

FOR FRESH WATER PRODUCTION

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

JOWA RO 15-30T Sea is a compact plug and play system designed for a tough marine environment. Easy access for maintenance and ergonomic operational design. Capacity is 15T or 30T potable water per day.

Continuous monitoring and automatic rejection of the product flow depending on salinity value. Full production with a seawater temperature between 6-35C° 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 for pre-post treatment

» Dosing equipment for anti-scalant, chlorine and more

» UV sterilizer or Silver Ion Sterilizer

» Second pass system for technical water <10ppm capacity of 4-14T / day

» CO2 dosing system

» Feed pump or Feed valve

Size	Capacity (m3/24h)	TDS	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
RO 15T SEA	15T/24h	<500ppm	1330	660	1668	290
RO 30T SEA	30T/24h	<500ppm	1330	660	1668	345