WATER TREATMENT EQUIPMENT

150Ton Per Day Reverse Osmosis Seawater Desalination Equipment

This RO Water Plant suitable for Islands and large chemical plants

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Water Treatment Equipment
Standard	EN
Material	Stainless steel
Weight / Size	Technical Parameter： Product ： 150m3/day Raw water ： 35000PPM Inlet temp...
Certificate	CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Water Treatment Equipment	**Model / SKU**	150Ton-Per-Day-Reverse-Osmosis-Seawater-Desalination-Equipment
Standard	EN	**Material**	Stainless steel
Weight / Size	Technical Parameter： Product ： 150m3/day Raw water ： 35000PPM Inlet temperature ： 5~35℃ PH value of Raw Water ： 3.0~10.0 Boosting inlet pressure： 0.1~1kg/cm2 (Positive) Salt content of product water ： ≤600PPM Desalination rate ： ≥98.5% Product water pressure ： ≤0.3Mpa Recovery ： ≈25% Power supply ： 380VAC/50HZ/3φ Power consumption ： ≈6.6KW （Include boost pump） Control cabinet： 220VAC Control voltage:	**Certificate**	CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

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- ZC-FSHB150 Sea Water Reverse Osmosis System:
- Technical Parameter：
- System Function:

ZC-FSHB150 Sea Water Reverse Osmosis System:

This RO Water Plant suitable for Islands and large chemical plants.

Fresh water standard comply with WHO
Capacity: 150Ton/day

Salt content: ≤600mg/L

Raw water: sea water

Other basic design condition related

Purpose：Marine and offshore

Power supply：380V，50 HZ，3P

System Function:

1. Sea water 35000-38000ppm, for desalinating sea water into fresh water 600ppm

2. Whole system under control and monitoring via Automatatical.

3. Semi-automatic cleaning and back-flushing system equipped for sand filter,

4. There is over-pressure protection available for high pressure pump, when pressure is over 6.5Mpa, the system will shut down automatically.

High pressure pump equipped with low-pressure protection device, when pre-treated sea water pressure is less than 0.05Mpa, the system will shut down automatically and give alarm for attention.

5. Working parameter (product flow, brine flow, operation pressure, product water conductivity)

6. If the product water is unqualified (salt content more than 700ppm), the system will drain automatically and give alarm for attention.

7. Potential-free alarm and running indication available for extension.

Technical Parameter：

Product ：	150m3/day
Raw water ：	35000PPM
Inlet temperature ：	5~35℃
PH value of Raw Water ：	3.0~10.0
Boosting inlet pressure：	0.1~1kg/cm2 (Positive)
Salt content of product water ：	≤600PPM
Desalination rate ：	≥98.5%
Product water pressure ：	≤0.3Mpa
Recovery ：	≈25%
Power supply ：	380VAC/50HZ/3φ
Power consumption ：	≈6.6KW（Include boost pump）
Control cabinet：	220VAC
Control voltage: 220VAC	
IP: IP55	
Potential-free extension for running indication and common alarm available.	
Motor ：	IP： IP55
	Insulation class: “F”