

Seawater Desalination System with Reverse Osmosis

This seawater desalination system produces potable water from seawater sources. It integrates pre-filtration, reverse osmosis membranes, and post-treatment stages.



ADDITIONAL IMAGES



Overview

Professional Seawater Desalination Solution

This advanced reverse osmosis desalination system is engineered to provide a reliable source of potable water from seawater. Featuring a robust stainless steel structure, the unit integrates high-performance membrane technology with comprehensive automated monitoring. Designed for continuous and efficient operation, it is an ideal solution for coastal facilities, industrial sites, and remote applications requiring a stable freshwater supply.

Technical Features

Membrane Maintenance

- Manual washing mode
- Automatic washing mode
- Online chemical membrane cleaning

Operational Automation

Auto-stop on full tank, Auto-stop on low water source, Real-time conductivity monitoring

Safety Systems

Protection Mechanisms

- No voltage protection
- Under-voltage protection
- Over-current protection
- Short circuit protection
- Open circuit protection
- Current leakage protection

Construction

Structural Material

Stainless Steel