

Land-Based Seawater Desalination System

This land-based system efficiently converts seawater into potable water through a multi-stage process. It uses advanced technology and high-quality components to ensure a reliable and consistent supply of desalinated water.



ADDITIONAL IMAGES



Overview

High-Efficiency Seawater Desalination

This land-based seawater desalination system is engineered for reliability, converting seawater into drinking water that meets World Health Organization standards. Utilizing advanced computer-simulated design, the system features PLC automatic control for simple one-button operation and monitoring. Built with high-quality components, it offers a compact, lightweight, and durable solution for industrial and remote water treatment needs.

Performance Data

Featured Metrics

99.2 %

Desalination Rate

35000 ppm

Max Raw Water TDS

600 ppm

Max Output Water TDS

Operating Conditions

- Sea water temperature range: 5°C to 45°C
- Operating pressure: 4.0 to 6.5 MPa

Technical Specifications

Model Specifications

Model	Capacity (Ton/H)	Power Consumption (Kw.h/T)
QDDS-SW-001	0.05	14
QDDS-SW-002	0.1	10
QDDS-SW-003	0.15	7
QDDS-SW-005	0.25	7.5
QDDS-SW-010	0.5	7

Key Features

PLC Automatic Control • Computer Simulated Design • Compact Design • One-Button Operation

Suitable Applications

Yachts, Fisheries, Ocean Ships, Islands, Water-scarce areas

Power Requirements

Supports 380V/50HZ and 220V/440V/415V 60HZ configurations per client demand