

Commercial Reverse Osmosis Water Purification System

This commercial RO water purification system filters raw water to meet drinking water standards. It is a key component for establishing a bottling plant.



ADDITIONAL IMAGES



Overview

Professional Water Purification

This commercial reverse osmosis system is engineered for industrial-scale water purification, specifically tailored for bottling plant applications. Utilizing advanced membrane technology and PLC-controlled automation, the system ensures consistent water quality while maintaining high recovery rates. Each unit is customized based on specific raw water analysis to guarantee optimal performance and reliability in demanding production environments.

Performance Metrics

Purification Capacity

3000 L/H

Capacity

Recovery Rate: 85 %

Salt Rejection: 98 %

Technical Specifications

Operating Pressure	225 psi
Max Water Pressure	261 psi
Power Supply	3 phases, customized
Total Power	7 KW

Feed Water Requirements

Max Feed Water Temperature	35
Feed pH Range	6.5-7.5
Max Feed Silt Density Index	5

System Features

Operational Modes <ul style="list-style-type: none">• Automatic (Running)• Manual (Maintenance)	
Construction	Stainless Steel
Control System	PLC controlled, fully-automatic