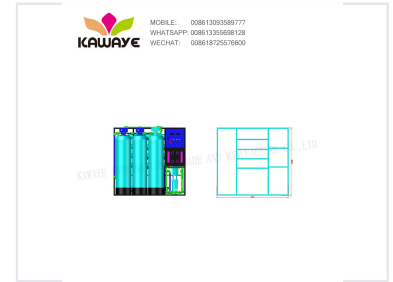


Single-Stage Reverse Osmosis Water Purification System

This single-stage reverse osmosis (RO) system is designed for water purification. It removes minerals, salts, and other impurities from water using a semi-permeable membrane.



ADDITIONAL IMAGES



System Overview

Industrial Reverse Osmosis Solution

This single-stage reverse osmosis system provides high-performance water purification for industrial and commercial applications. By integrating multi-stage pre-filtration with high-pressure membrane separation, the system effectively removes minerals, salts, and impurities to produce consistent, high-quality water. It is a reliable solution designed for diverse requirements, including drinking water production, process water, and industrial wastewater treatment.

Process Flow

Purification Sequence

- Raw water storage
- Multi-media filtration (quartz sand)
- Activated carbon filtration
- Soft water processing (with scale inhibitor)
- Precision filtration
- High-pressure pumping
- Primary Reverse Osmosis (RO)
- UV or Ozone sterilization

System Features

Common Applications

Drinking Water Production • Industrial Water Treatment • Process Water • Wastewater Treatment

Key Features

High-Pressure Membrane Technology, Multi-Stage Pre-Filtration, Scale Inhibition System, Advanced Sterilization, Industrial Grade