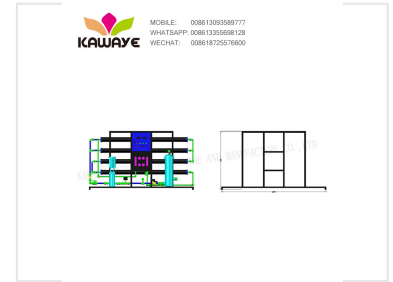


Double Stage Reverse Osmosis Water Purification System

This system utilizes reverse osmosis and multi micro mineralization equipment. It is designed for efficient and reliable operation in various water treatment applications.



ADDITIONAL IMAGES



Product Overview

High-Purity Double Stage RO System

This double stage reverse osmosis water purification system is engineered for industrial and commercial applications requiring high-purity water. The system utilizes a sophisticated two-stage filtration process including multi-media, activated carbon, and dual RO membranes to effectively remove impurities. Built on a durable stainless steel frame with integrated digital controls, it ensures reliable and efficient operation for demanding water treatment needs.

Technical Process

Purification Process Flow

- Raw water intake and storage
- Multi-media and activated carbon filtration
- Soft water processing
- Precision filtration
- Primary reverse osmosis stage
- Intermediate water storage
- Secondary reverse osmosis stage
- Sterile water storage
- Ultraviolet (UV) sterilization
- Micro hole final filtration

System Components

Key Hardware Components

High Pressure Pumps, RO Membranes, Stainless Steel Frame, Digital Control Panel, Pressure Gauges, UV Sterilizer, Multi-media Filter, Activated Carbon Filter

Design & Construction

Monitoring & Control

- Multiple pressure gauges for performance monitoring
- Digital display control panel
- Integrated manual switches

Frame Material

Stainless Steel

Applications

Target Applications

Industrial Water Treatment • Commercial Purification • High-Purity Water Supply