

Industrial Wastewater Reverse Osmosis System

This large-scale system uses reverse osmosis to treat industrial wastewater. Its multi-stage filtration process incorporates membrane modules and an electrical control panel.



System Overview

Industrial Wastewater Treatment Solution

This advanced industrial reverse osmosis system is engineered for large-scale wastewater management, specifically tailored for demanding environments like steel plants. Utilizing high-efficiency inverse penetration film technology, the system employs a multi-stage filtration process housed within a durable, reinforced framework. It integrates sophisticated fluid transport piping and centralized electrical controls to ensure compliance with stringent environmental discharge standards.

Technical Specifications

Filtration Type	Inverse penetration film (Reverse Osmosis)
Recommended Industries	Steel Manufacturing, Large-scale Industrial, Wastewater Treatment

System Design

Build Features

- Robust structural frame
- Multi-stage cylindrical membrane modules
- Color-coded fluid transport piping
- Integrated electrical control cabinet