

Ultrapure Water System for AdBlue Production

Commercial RO water purification system treats raw water to ultrapure water for AdBlue diesel exhaust fluid (DEF) production. Numbers of ultra pure water systems have been supplied to AdBlue licensed manufacturers.



ADDITIONAL IMAGES



System Overview

Industrial Ultrapure Water Solutions for DEF Production

This professional-grade industrial reverse osmosis system is engineered specifically for the stringent water quality requirements of AdBlue and Diesel Exhaust Fluid (DEF) manufacturing. With a high-capacity output and advanced filtration technology, the system ensures consistent deionization and impurity removal. Built for durability with stainless steel construction, it offers both automatic and manual operation modes to optimize production efficiency and maintenance.

System Highlights

- Stainless steel construction
- LG PLC controlled automation
- Automatic running and manual maintenance modes
- World-class component integration
- Customizable to specific raw water quality

Performance Metrics

Key Performance Indicators

3000 L/H

Purification Capacity

85 %

Overall Recovery Rate

98 %

Normal Salt Rejection

Operating Conditions

Operational Parameters

Parameter	Value
Operating Pressure	225 psi (1.5 Mpa)
Max Water Pressure	261 psi (1.8 Mpa)
Max Feed Water Temp	35
Feed pH Range	6.5 - 7.5
Max Feed SDI	5

Technical Specifications

Power Requirements	3 phases, customized configuration, 7KW total power
System Capabilities	Reverse Osmosis, Deionization, Industrial Scale, PLC Automated