

Wet Flue Gas Desulfurization System

This system removes sulfur dioxide from flue gases in industrial power plants. It features high desulfurization efficiency and low absorbent consumption.



Overview

Industrial Wet Flue Gas Desulfurization System

This advanced Wet Flue Gas Desulfurization (FGD) system is designed for high-efficiency sulfur dioxide removal in industrial power plants. It features a compact, space-saving design with a single absorber capacity capable of handling up to 660MW. The system utilizes unique energy-saving spray technology and specialized serosity separation to ensure optimal gypsum crystallization and consistent performance.

Performance Metrics

Desulfurization Efficiency

98 %

Efficiency

Absorbent Consumption Ratio (Ca/S)

1.05

Technical Specifications

Single Absorber Capacity

660 MW

Key Features

Energy-saving spray, Low pressure operation, Anti-clogging nozzles, Advanced gypsum crystallization

Operational Capabilities

Operational Advantages

- No clogged internals in spray nozzles
- Staggering-structure layout minimizes space requirements
- Impulse suspending system prevents gypsum settlement
- Reliable start-up capability after long shutdowns