

# 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