

Dissolved Air Flotation (DAF) System

Product Specification Sheet

OVERVIEW

High-efficiency solid-liquid separation technology for industrial wastewater pretreatment. Wufang DAF systems remove suspended solids, oil & grease, COD, and algae from food processing, slaughterhouse, paper mill, petrochemical, and textile wastewater. Modular design supports easy capacity expansion and rapid on-site installation.

TECHNICAL SPECIFICATIONS

Flow Rate	1–200 m³/h, modular design
TSS Removal	≥ 90%
Oil & Grease Removal	≥ 95%
Material	SS304, SS316L, or carbon steel with anti-corrosion coating
Operating Pressure	0.25–0.45 MPa (air dissolving tank)
Recycle Ratio	20–30% (adjustable)

APPLICATIONS

Food & beverage, slaughterhouse, pulp & paper, petrochemical, textile & dyeing, and municipal pretreatment.

STANDARD CONFIGURATION

- Dissolved air system (recycle pump, air compressor, dissolving tank)
- Flotation tank with skimming mechanism
- Sludge hopper and discharge
- PLC control panel with automatic operation
- Chemical dosing system (coagulant / flocculant) — optional

WARRANTY & SERVICE

12-month warranty on core components. Lifetime technical support, spare parts supply within 7 days, and optional on-site commissioning by Wufang engineers.

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