



A Sulzer Brand

PCCS-Series Compact DAF System

Wastewater Pretreatment

The PCCS-Series is a space-saving DAF system that can ship in a 20-ft ISO container — ideal for remote, temporary, or small-scale wastewater applications.

The PCCS-Series Compact DAF from FRC Systems is a high-efficiency, solution for suspended solids and FOG removal. Designed to ship in a standard 20-foot ISO shipping container, it's the go-to option for remote, mobile, or space-constrained industrial wastewater treatment needs.

The PCCS-Series DAF uses a non-proprietary pump and angled dissolving tube to generate whitewater microbubbles, introduced into the main wastewater stream inside a compact tank. By blending high free area for flow with high effective surface area for bubble-particle contact, the system optimizes solids and FOG separation. A motorized skimmer removes surface sludge into a hopper, while clarified water exits from the tank bottom. Its compact form allows for rapid deployment and high treatment efficiency in small or mobile applications.

Key Features

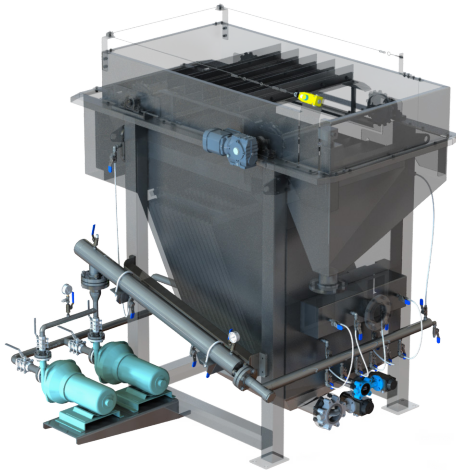
- Compact design fits inside a 20' ISO shipping container
- Easy to transport and quick to install
- Angled air dissolving tube enables fast whitewater generation
- Non-proprietary pumps
- Stainless-steel construction resists corrosion in harsh environments
- Fully customizable system configuration including skids, catwalks, and controls

Specifications

- **Flow Rate:** Up to 150+ GPM (34.1 m³/hr)
- **Free Separation Area:** 8 – 45 sq ft (0.7 - 4.2 m²)
- **Effective Separation Area:** 35 – 252 sq ft (3.3 - 23.4 m²)
- **Construction:** Stainless steel (304, 316, duplex, or custom alloys)

Applications

- Remote and temporary wastewater treatment
- Packaged or export systems
- Industrial TSS and FOG removal
- Pilot-scale installations



Why choose the PCCS DAF?

Mobility, ease of setup, and reliable treatment performance make the PCCS-Series the compact DAF system of choice for industrial users facing space or location constraints.

How can we help you?
Contact us today to find
your best solution.



frcsystems.com
+1 770-534-3681

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