

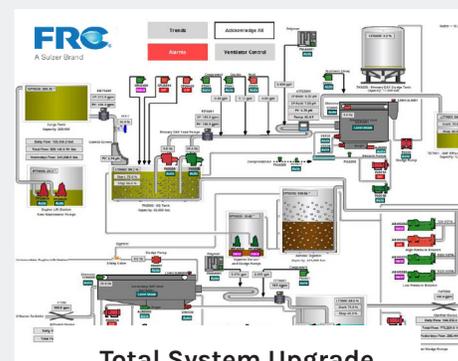
System Upgrades



Pneumatic Panel
IMPROVED AIR CONTROL



Air Dissolving Tube
WHITewater GENERATOR



Total System Upgrade
COMPLETE PLANT INTEGRATION

Aeration Upgrade

The aeration of a DAF is the heart and soul of the system. Our simple design works so well that we're constantly retrofitting competitors' DAFs with our upgraded aeration system. FRC is completely brand-agnostic with regards to the model of recycle pump used on our DAF.

Recycle Pump

FRC's design uses the recycle pump to pump water, not dissolve air. That means these recycle pumps are much less costly than a specialty whitewater pump. This allows you to choose the pump material of construction based on the needs of your environment.

Air Dissolving Tube

An air dissolving tube is used to generate white water in our aeration system. This short expansion and angled configuration allows for increased water and air interface, so saturation occurs almost instantly.

Pneumatic Panel

The pneumatic panel design for each DAF contains safety features to protect the recycle pumps and is also used to avoid discharging untreated wastewater as a process control measure.

Electrical Panel Upgrade

Over the course of time, existing panels may become unreliable or may no longer be capable of sufficient automation, forcing unnecessary operator intervention. We know that is not acceptable in today's demanding production environments. In addition to our standard panel offerings, FRC can provide additional features for SCADA and plant integration.

Engineering Know How

FRC has a dedicated mechanical and electrical project team to design the electrical control panels for our systems in-house. Our expertise and familiarity with the equipment provides a solid know how of how the system operates. Time is money and we have the experience to minimize and even eliminate downtime during the upgrade.

Plant Integration

Our panels can be upgraded to include Supervisory Control and Data Acquisition (SCADA) to trend and store data for the analysis sought after in today's information driven facilities. FRC can customize your panel to allow for integration with Distributed Control System (DCS), centralized data historian, and remote monitoring solutions to deliver access to data anywhere and anytime.



A Sulzer Brand

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