



Aeration Industries
International
a newterra company

Aire-O₂[®] Microfloat DAF System

Able to remove up to 90% free-floating FOG, 60% TSS, and 30% BOD

Ideal for industrial applications, our Aire-O₂[®] Microfloat Dispersed Air Flotation (DAF) System is an effective, affordable, and reliable physical/chemical pre-treatment technology for removing up to **90% free-floating FOG, 60% TSS, and 30% BOD*** - all at a much lower cost than traditional DAF systems. The Aire-O₂ Microfloat DAF simply disperses the air using a high RPM, 2900RPM 50Hz and 3600RPM 60Hz, aspirator directly into the DAF tank. The DAF has a specially designed non-clog spinning disc diffuser that creates fine microbubbles (10-50 microns in diameter), allowing for high removal efficiencies. The complete Microfloat DAF system uses only two motors; the Microfloat aerator motor and the scum/rake drive. The Microfloat DAF system does not require an external recycle line.

WHY CHOOSE THE AIRE-O₂[®] MICROFLOAT DAF?

- Reduces surcharges by municipalities for disposal
- Decreases maintenance and energy consumption
- Requires no balancing of flow rates
- Eliminates recycle pumps, compressors, and attendant piping associated with traditional DAF equipment
- New complete custom designs (with skimmers and tankage) or retrofits into existing tankage

*Pending site specifics, jar testing and chemical dosing recommended/required and provided by others.



FEATURING

- Specially designed non-clog spinning disc diffuser creates fine micro bubbles (10-50 microns in diameter)
- Small bubbles result in high removal efficiencies

IDEAL FOR THE FOLLOWING APPLICATIONS

- Food preparation
- Vegetable oil processing
- Slaughterhouse operations
- Milk and dairy processing
- Petrochemical processing
- Paper industry
- Sludge thickening for municipalities
- Tank and truck washing facilities