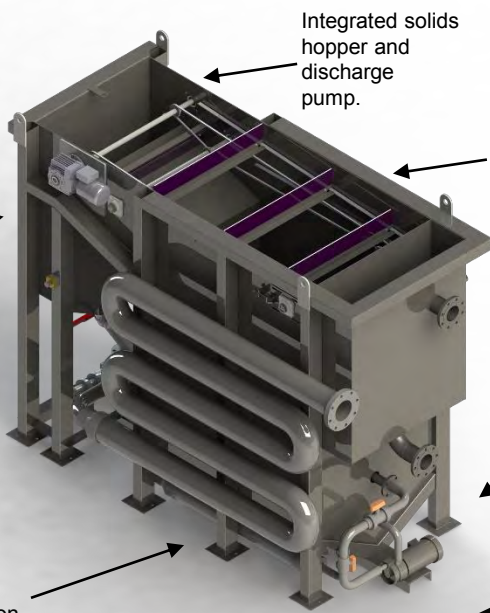


## ACTIVEFLOAT™ DAF

### DISSOLVED AIR FLOATION SOLIDS REMOVAL

A optional variable speed control on the skimmer allows further adjustment to the harvest rate to allow optimization of both the DAF performance as well as sludge solids content



Integrated solids hopper and discharge pump.

Paddle spacing is optimized to the design conditions to allow consistent sludge harvesting and optimum efficiency.

Integrated effluent sump and gravity discharge

Self-aspirating recirculation pump for simplified operation and maintenance

Integrated flocculation tube for optimal separation performance

Headworks BIO ActiveFloat DAF technology is specifically designed for use with the ActiveCell MBBR and IFAS process, and delivers reliable solids separation with very low chemical consumption.

The ActiveFloat DAF is designed to be efficiently customized to treat a variety of flow and loading conditions.

The self-aspirating recycle pump eliminates the need for compressed air supply or saturation tanks.

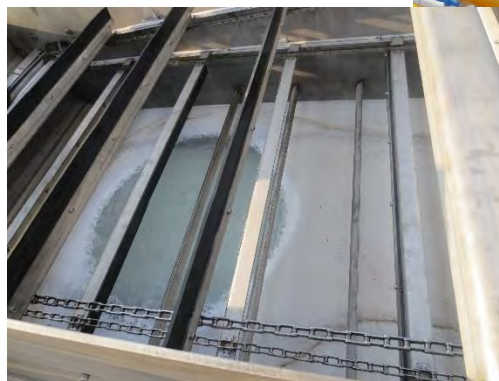
## ACTIVEFLOAT DAF®

### Advantages

- High performance solids removal rates within a very small footprint.
- Optimized for use with MBBR and IFAS processes to minimize chemical consumption.
- Self-aspirating recycle pump simplifies operation.
- Skid mounted design

### Features

- Easy to operate with minimal maintenance
- Standard SS304 (316 optional) construction with PVC piping.
- Available with total system redundancy (optional)
- Available as a fully enclosed unit for odor control (optional)
- Reliable, continuous operation with maximum system uptime

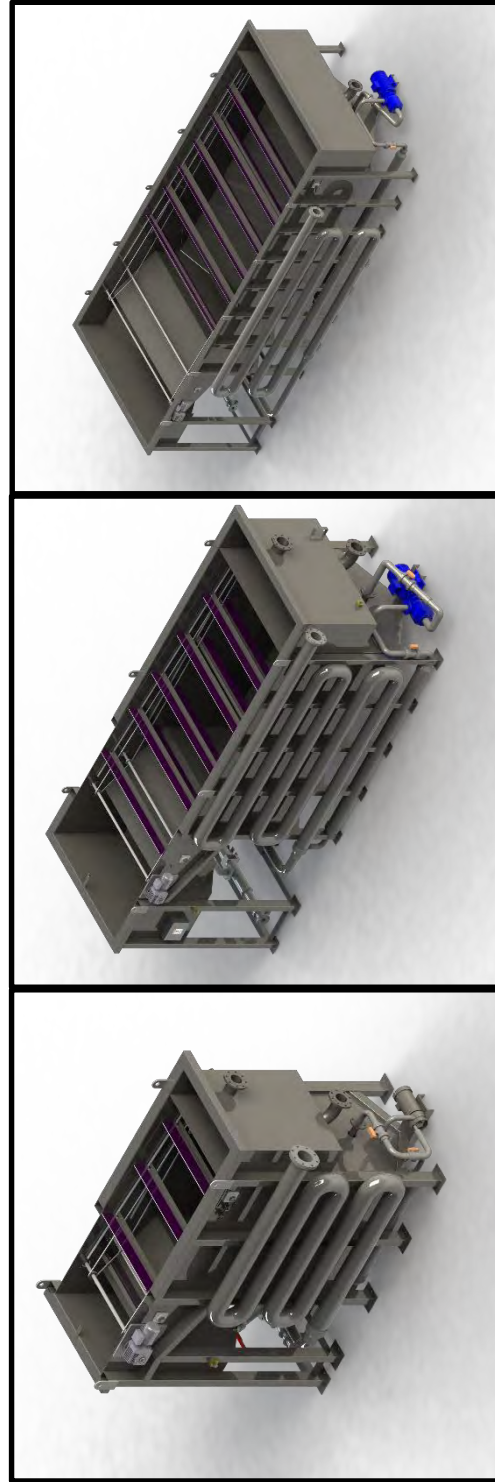


## ACTIVEFLOAT™ DAF



Specification	AF-5 DAF	AF-15 DAF	AF-25 DAF	AF-35 DAF	AF-55 DAF	AF-75 DAF	AF-105 DAF	AF-125 DAF	AF-175 DAF
Flow Range	3 ~ 11 m <sup>3</sup> /hr 1.6m W X 2.5m H X 2.4m L	7.5 ~ 22 m <sup>3</sup> /hr 1.6m W X 2.5m H X 3.1m L	11 ~ 33 m <sup>3</sup> /hr 1.6m W X 2.5m H X 3.9m L	28 ~ 70 m <sup>3</sup> /hr 2.4m W X 2.5m H X 5.1m L	35 ~ 87 m <sup>3</sup> /hr 2.4m W X 2.5m H X 5.8m L	40 ~ 100 m <sup>3</sup> /hr 2.4m W X 2.5m H X 6.6m L	55 ~ 135 m <sup>3</sup> /hr 3.6m W X 2.5m H X 7.7m L	75 ~ 190 m <sup>3</sup> /hr 3.6m W X 2.5m H X 7.7m L	95 ~ 240 m <sup>3</sup> /hr 3.6m W X 2.5m H X 9.1m L
Footprint									
Weight	DRY	~ 1,350 kg ~ 3,100 kg	~ 1,800 kg ~ 4,700 kg	~ 2,900 kg ~ 10,500 kg	~ 3,500 kg ~ 13,100 kg	~ 4,100 kg ~ 15,800 kg	~ 4,100 kg ~ 17,100 kg	~ 5,500 kg ~ 26,100 kg	~ 6,900 kg ~ 35,100 kg
	WET								
Influent TSS Capacity	200 to 5000 mg/L								
Influent FOG Capacity	< 2000 mg/L								
TSS/FOG Reduction - Primary	> 80%								
TSS/FOG Reduction - Secondary	95 ~ 98%								
Tank	SS 304								
Pumps	Cast Iron, Bronze								
Piping	PVC								
Power	Supply	3.5 kW*	5 kW*	7 kW*	10 kW*	17.5 kW*	18.5 kW*	26 kW*	51 kW*
	Requested	2.3 kW*	3.7 kW*	5.4 kW*	6.1 kW*	11.3 kW*	12 kW*	16.8 kW*	34 kW*

\* Subject to flow rate specification



QUALITY THAT NEVER QUILTS



To learn more about ActiveCell DAF & MBBR technology, contact:

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