

P-TEC

HS MacroDAF™

CAPACITIES FROM 90 GPM TO 1,200 GPM



- **High Solids Loading Rates**
- **Stainless Steel Construction**
- **Float Dewatering Grid System**
- **Stainless Steel Flocculator Available**
- **Flotation and Settling in a Single System**
- **Heavy Duty Skimmer System**
- **Automated Control Panel Included**

The HS MacroDAF is an open style, rectangular Dissolved Air Flotation (DAF) system that incorporates proven fundamental concepts in liquid/solids separation. The HS series utilizes a large free surface area for flotation in high solids loading applications. Floating solids are concentrated in a full surface area skimmer system with a static dewatering grid. Settled solids are collected in inverted pyramid type cones for automatic or manual discharge by gravity flushing. The system features all stainless steel construction and is equipped with high pressure recirculation (air dissolving) pumps that are mounted and pre-piped on the unit. System operation can be either manual or automatic using an automated control panel that integrates with pneumatic controls and other equipment as necessary.

HS MacroDAFs are used in a variety of different industries as pre-treatment systems, with or without chemical treatment, as well as, biological clarifiers and algae removal systems.

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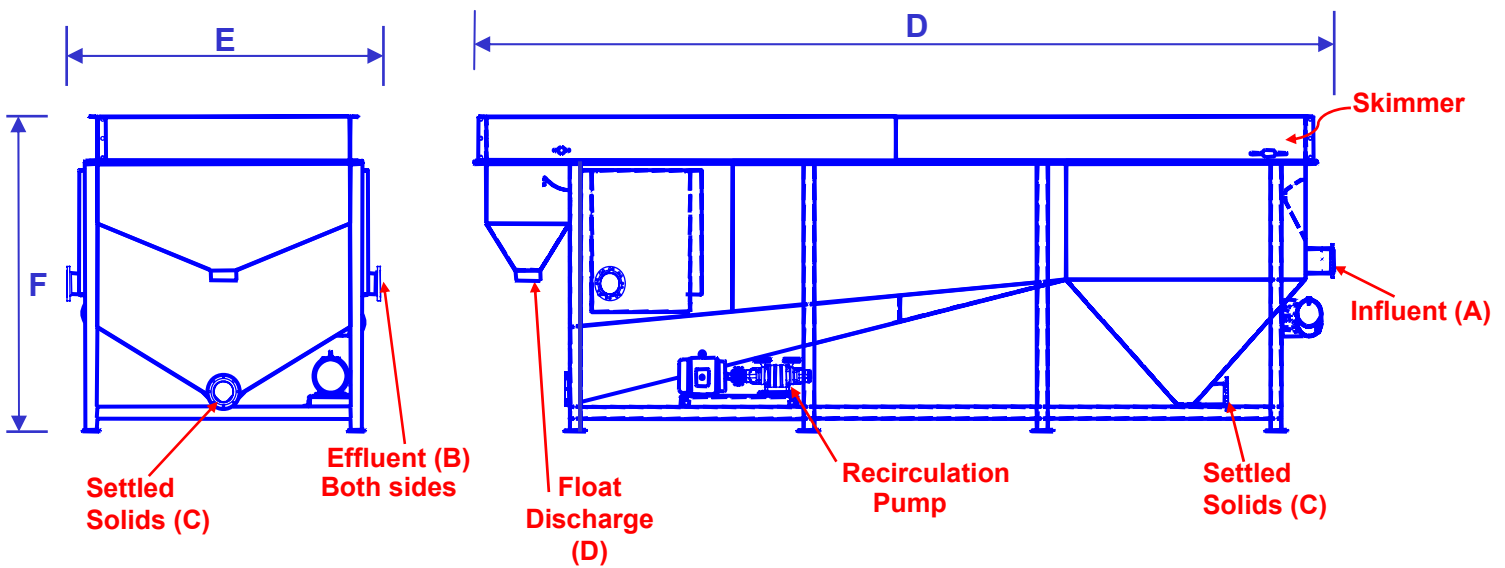
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HS MacroDAF™



HS Dissolved Air Flotation Units

DESCRIPTION	UNITS	MODEL NUMBER						
		HS-90	HS-175	HS-275	HS-400	HS-600	HS-900	HS-1200
Capacity *	GPM	90	175	275	400	600	900	1200
Surface Area	Sq.Ft.	46	95	152	228	336	455	604
Overflow Rate	GPM/Ft. ²	2	2	2	2	2	2	2
A - Influent *	Dia. In.	4	6	6	6	8	10	12
B - Effluent	Dia. In.	6	8	10	10	10	12	14
C - Settled Solids	Dia. In.	6	6	6	6	6	6	6
D - Float Discharge	Dia. In.	8	8	8	8	10	10	10
D - Length	Ft. / In.	10' 9"	17' 9"	25' 9"	27' 9"	37' 9"	48' 9"	62' 9"
E - Width	Ft. / In.	8' 0"	8' 0"	8' 0"	12' 0"	12' 0"	12' 0"	12' 0"
F - Height	Ft. / In.	8' 3"	8' 3"	8' 3"	10' 8"	10' 8"	10' 8"	10' 8"

© Capacities may be significantly decreased with high solids loading.