

HR MACRODAF

100 GPM TO 3000 GPM

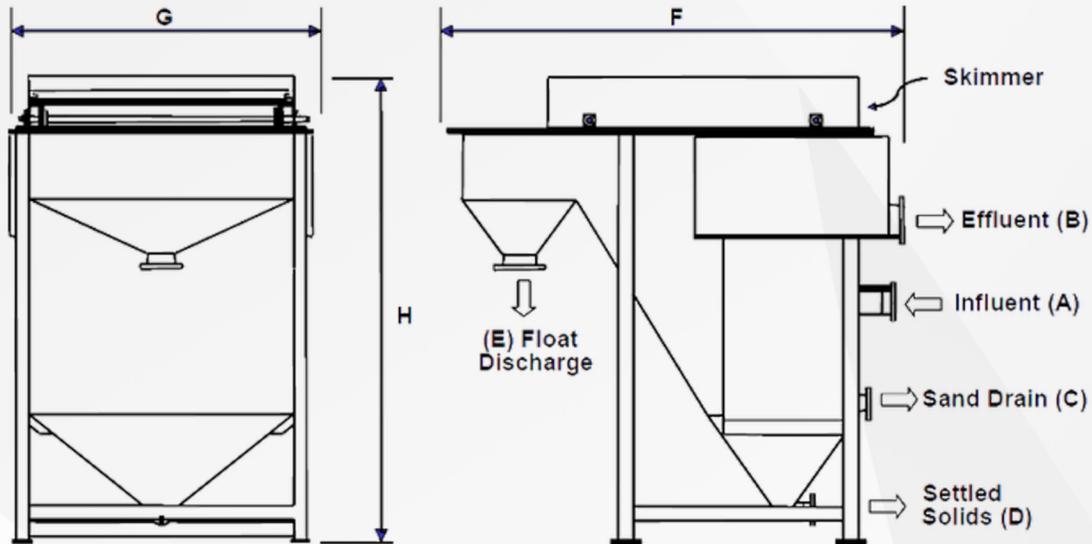
Spectrum HR Series DAF systems are specifically designed utilizing inclined plate technology and can be used to treat waste streams in both primary and secondary applications. The HR Series units are compact in size relative to the amount of flow they can treat. Designed to handle both floating and settling solids effectively, the HR series DAF is a very versatile machine for many different applications.

The inclined plate design of the HR Series allows for the utilization of effective surface area to significantly increase the hydraulic capacity of these machines while preventing solids build-up often found in systems with plates or media.

The HR Series DAFs utilize the unique Spectrum Skimmer System that is known for reliability and low maintenance. The settled solids removal system is also simple and low to no maintenance. These low maintenance characteristics combined with a heavy-duty design and proven treatment efficiencies allows these machines to be the safest and best place to spend your capital when considering DAF for your applications.



Spectrum HR MacroDAF



HR Dissolved Air Flotation Units

Description	Units	Model Number									
		HR-100	HR-200	HR-400	HR-600	HR-800	HR-1200	HR-1600	HR-2000	HR-2400	HR-3000
Capacity ☺	GPM	100	200	400	600	800	1200	1600	2000	2400	3000
Free Surface	ft. ²	19	38	64	90	92	117	143	168	216	260
Effective Plate Surface	ft. ²	145	290	580	870	1444	2166	2888	3610	4332	5412
Overflow Rate	GPM / ft. ²	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
A - Influent	Dia. In.	4	6	6	8	10	12	14	16	16	18
B - Effluent	Dia. In.	6	8	10	12	12	14	14	18	18	20
C - Sand Drain	Dia. In.	2	4	4	4	4	4	4	4	6	6
D - Settled Solids Drains	Dia. In.	4	4	6	6	6	6	6	6	6	6
E - Float Discharge	Dia. In.	6	8	10	10	10	10	10	10	12	12
F - Length	Ft. / In.	10' 0"	10' 0"	13' 6"	17' 0"	18' 0"	21' 6"	25' 0"	29' 6"	25' 0"	30' 2"
G - Width	Ft. / In.	4' 6"	8' 0"	8' 0"	8' 0"	8' 5"	8' 5"	8' 5"	9' 6"	12' 0"	13' 2"
H - Height	Ft. / In.	10' 10"	10' 10"	10' 10"	10' 10"	16' 0"	16' 0"	16' 0"	16' 0"	16' 0"	16' 0"

☺ Capacities may be significantly decreased with high solids loading.