



High Efficiency Sedimentation DAF (SDAF)

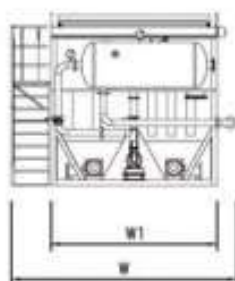
SDAF is a new dissolved air flotation based on the DAF applications for years. It's a perfect combination of sedimentation and DAF to achieve high efficient solid-liquid separation.

Core technology :

- Microbubbles generation technology
- Surface capture technology, counter flow
- Box type skimming technology
- Horizontal flow technology in separation zone
- Scum recirculation and flocculation technology
- Inclined plates in separation zone, it provides more effective separation area and optimizes the flow distribution.
- Suitable for high concentration solid (suspended solids, oil and colloidal substance) content (the highest concentration of 10000 mg/L/Waste water.
- Maximum hydraulic load 12 m³/(m².h) and better outlet water quality.
- Lower chemical consumption.
- No dead angle in scum collection tank, no deposit .



Note :
Due to keeping innovation,
the specification and
machine pictures or color
are subject to alteration
without notice!



型号 Model	处理量Capacity		功率表 (kW)				规格尺寸Dimension (m)			接口表Nozzle list (DN)		
	(m ³ /h)	溶气泵 Recirculation pump	空压机 Air compressor	撇油机 Skimmer	刮泥机 Sludge scraper		L/L ₁	W/W ₁	H/H ₁	进水口 Inlet (a)	出水口 Outlet (b)	刮泥口 Sludge outlet (c)
SDAF-003	~ 3	0.75	0.55	0.18	/		3.4/2.2	2.4/1.7	2.4/1.9	80	80	100
SDAF-005	~ 5	1.1	0.55	0.18	/		3.8/2.5	2.2/1.5	2.5/2.1	80	80	100
SDAF-010	~ 10	1.1	0.55	0.18	/		5.1/3.8	2.4/1.7	3.0/2.4	100	100	100
SDAF-020	~ 20	3.0/5.5	0.75	0.18	/		5.4/4.1	2.9/2.2	3.0/2.4	150	150	150
SDAF-030	~ 30	3.0/5.5	0.75	0.18	/		5.5/4.2	3.2/2.5	3.2/2.6	150	150	150
SDAF-040	~ 40	4.0/5.5	0.75	0.18	/		6.5/5.2	3.2/2.5	3.2/2.6	200	200	150
SDAF-050	~ 50	7.5	1.5	0.18	1.5		7.2/5.9	3.2/2.5	3.2/2.6	200	200	150
SDAF-060	~ 60	7.5	1.5	0.18	1.5		7.8/6.7	3.1/3.3	3.3/2.7	250	250	150
SDAF-080	~ 80	11	1.5	0.18	1.5+2		9.4/8.5	3.1/2.4	3.3/2.7	250	250	150
SDAF-100	~ 100	15	2.2	0.18	1.5+2		10.0/9.8	3.7/3.0	3.3/2.7	300	250	150
SDAF-120	~ 120	15	2.2	0.18	1.5+2		10.9/9.7	3.7/3.0	3.3/2.7	300	300	150
SDAF-150	~ 150	18.5	2.2	0.18	1.5+2		13.5/12.2	3.7/3.0	3.3/2.7	350	300	150