

Ecologix GD-DAF 為針對高濃度油污與絮凝浮渣而設計的氣浮刮除機,若接續前端的化學混凝動作,能分離刮除 90%以上的油脂與浮渣,減輕後續之處理負荷.



操作- 經由化學混凝的污水預先由集合管與奶水(40-50 micron bubbles)綿密混合,流入 DAF 槽體後,油脂與浮渣快速上浮,經由表面之刮除機構將其刮入暫存槽,以重力排出,清潔水體於末端上流到處理後清水槽體,以重力排出.

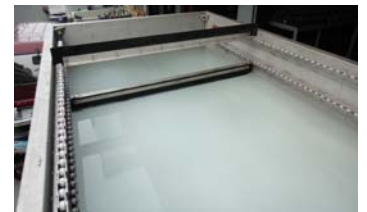
清水槽另設出口,以 30%-40%左右的迴流量由一套加壓幫浦並結合微量的空氣,將水氣在加壓溶解槽-Air Dissolved Tank-ADT,將其產生的超微氣泡水體(奶水)分別多點的釋放於集合分配管,避免操作時進水量分佈不均,進行其包覆絮凝物與油脂,再引入 DAF 槽快速上浮,經由刮泥系統於水面被刮除.

DAF 槽體進流底部設計有沉澱斜槽,收集雜物定時排出,或設有螺旋或另設刮泥軸定時排出,全自動與精密設計的結構,明顯的發揮其優越功能. 針對各行業之污水,浮渣臭味,可另行增設蓋板.



適用產業:

- 雞,鴨,豬等動物電宰污水
- 魚肉處理污水
- 廣泛的各類食品加工污水
- 工業區與石油化工污水
- 各型電子產業污水
- 紡織染整,制革與紙廠污水
- 河川,地下水體預先處理



Dimension and Technical data

Model	Flow rate (m ³ /h)	Recir. Pump Hp	Dimension L x W x H(mm)	Connect Schedule-Flange			
				Inlet	Outlet	Sludge	Drain
EcoDAF-3	3	3.0	1200 x 1200 x 1700	2"	1-1/2"	2"	1-1/2"
GD-DAF 6	6	5.0	2000 x 1600 x 1500	2"	2"	2"	2"
GD-DAF 12	12	7.5	2400 x 1600 x 1600	3"	3"	3"	2"
GD-DAF 18	18	7.5	2800 x 1800 x 1600	3"	3"	3"	2"
GD-DAF 24	24	10	3800 x 2000 x 1800	4"	4"	3"	2"
GD-DAF 36	36	15	4900 x 2000 x 2100	4"	4"	3"	2"
GD-DAF 48	48	15	5400 x 2000 x 2100	6"	6"	4"	3"
GD-DAF 60	60	20	6000 x 2000 x 2100	6"	6"	4"	3"
GD-DAF 72	72	20	6400 x 2000 x 2400	6"	6"	4"	3"
GD-DAF 90	90	25	8000 x 2000 x 2400	8"	8"	6"	4"
GD-DAF 120	120	30	10,000 x 2000 x 2400	8"	10"	6"	4"
GD-DAF 150	150	45	12,000 x 2000 x 2400	8"	10"	8"	6"

■ Material(s): Stainless steel 304 with epoxy coated; 316 available as option

■ Package included Tank, Pump, Sludge skimmer, Air Dissolved Tube system (ADT) and Control panel

■ Dependent on the floc concentration, the technical data and dimensions are subject to change without notice.

■ Settle tank types are subject to change without notice

■ Settle tank types are subject to change without notice 底部污泥排放槽依據設計需求改變,不另行通知