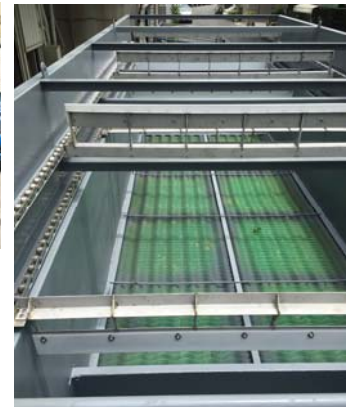


Ecoligix designs utilize lamella parallel plates technology to provide more separation surface and therefore to enhance the separation efficiency of the unit. EcoPack is an improved design that enhances separation and clarification of insoluble contaminants. When combined with the flocculation system, the unit can remove in excess of 95% of flocculated scum/sludge, reduced the COD, BOD and FOG concentration.



Till 2023, Total around 120 packages install in wastewater treatment plant of various industries



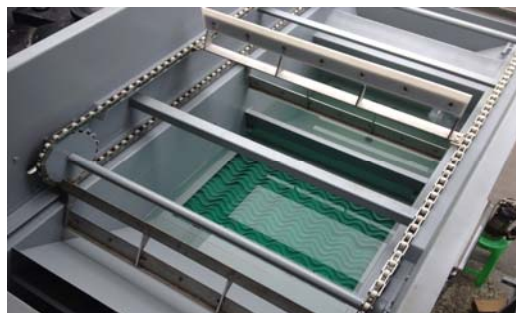
Process: The feed water to the lamella DAF is often dosed with a coagulant and flocculants to flocculate the suspended matter. A portion of the clarified water flow the DAF tank is pumped into an air dissolved tank (ADT), the air which via Ecoligix patented air inducing unit introduced into ADT, this results in saturating the pressurized water and air. The air-saturated water stream (milky water) is release to the front of the float tank through a pressure reduction valve, which results in a stream including micro bubbles (milky water). The bubbles adhere to the flocculated scum or oil, causing the flocculated and oil float to the surface and form a scum layer which is then removed by a skimmer system, then flow to its compartment. The water down flow through lamella which to provide more separation surface and therefore to enhance the separation efficiency of the unit.

**EcoPack offers the following unique features:**

- Proven technology
- Cost effectiveness
- Minimal space requirements
- Prevention and elimination of odors
- Above ground and accessible
- Few moving parts

**Applications:**

- Poultry and slaughterhouses
- Convenience food production
- Industrial kitchens and canteens
- Meat, fish processing and packing
- Textile, pulp, and paper industry
- Oil and fat refineries
- Vehicle washing water reuse
- River water clarification



**Dimension and Technical Data**

Model	Flow rate m <sup>3</sup> /h.(GPM)	Dimension L x W x H(mm)	Connect Schedule-Flange			
			Inlet	Outlet	Sludge	Drain
EcoPack-5	5.0(20)	2360 x 1300 x 2200	3"	4"	4"	2" x 2
EcoPack-10	10.0(40)	2660 x 1300 x 2200	3"	4"	4"	2" x 2
EcoPack-15	15.0(60)	2960 x 1300 x 2200	3"	4"	4"	2" x 2
EcoPack-20	20.0(80)	3260 x 1300 x 2500	4"	4"	4"	2" x 3
EcoPack-25	25.0(100)	3260 x 2100 x 2500	4"	6"	4"	2" x 5
EcoPack-30	30.0(120)	3560 x 2100 x 2500	4"	6"	4"	2" x 5
EcoPack-50	50.0(200)	4430 x 2100 x 2890	6"	6"	5"	3" x 5
EcoPack-60	60.0(240)	5150 x 2100 x 2890	6"	6"	4"	3" x 7
EcoPack-75	75.0(300)	6400 x 2100 x 2890	6"	6"	5"	3" x 9
EcoPack-100	100.0(400)	6870 x 2100 x 2890	8"	8"	6"	3" x 9
EcoPack-125	125.0(500)	8000 x 2100 x 2890	8"	10"	6"	3" x 13
EcoPack-225	225.0(900)	8000 x 3300 x 3600	8" x 2	10" x 2	6" x 2	3" x 11

■ Dependent on the floc. Concentration, the technical data and dimensions are subject to change without notice.  
 ■ Custom size to 250m<sup>3</sup>/h available as option.