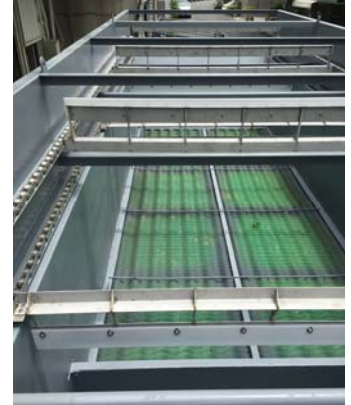




Ecolgix designs utilize EcoPack parallel plates (Lamella) pack technology to provide more separation surface and therefore to enhance the separation efficiency of the unit. EcoPack is an improved design that enhances separation and clarification of insoluble contaminates. When combined with the flocculation system, the unit is capable of removing in excess of 95% of flocculated scum/sludge, reduced COD,BOD and FOG.



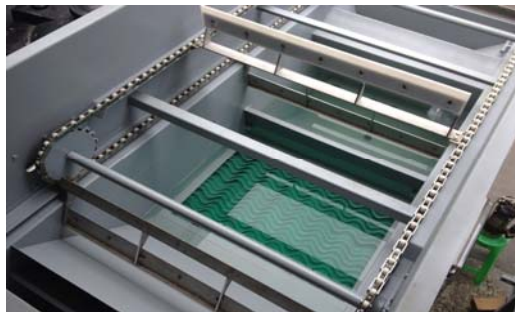
Process: The feed water to the EcoPack DAF float tank is often receiving the wastewater from flocculants system. A portion of the clarified effluent water leaving the DAF tank is pumped into an Air Dissolver Tube system (ADT) into which compressed air is also introduced. This results in saturating the pressurized milkywater. The milkywater is pressure released in front of the float tank and flows through a pressure reduction valve just as it enters the front of the float tank, which results in the air being released in the form of tiny bubbles (30-40 micron). The bubbles adhere to the suspended matter, causing the suspended matter to float to the surface and form a froth layer which is then removed by a skimmer. The froth-free water exits the float tank as the clarified effluent from the DAF unit. EcoPack DAF unit designs utilize parallel plate packing material (Lamellas) 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
- Petrochemical industry
- Oil and fat refineries
- Vehicle washing water reuse
- Ground water clarification



milkywater (right) release from ADT

Dimension and Technical Data

Model	Flow rate m ³ /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"	5"	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

- Dependent on the floc. Concentration, the technical data and dimensions are subject to change without notice.
- Settle tank type are subject to change without notice