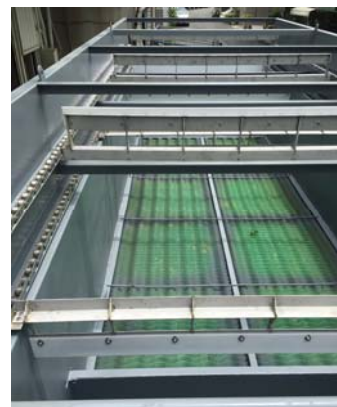




EcoPack-225cmh Lamella DAF



EcoPack-100cmh Lamella DAF



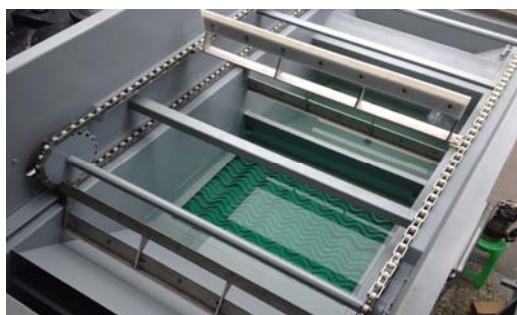
Process: The feed water to the lamella DAF is often dosed with a coagulant and flocculants to flocculate the suspended matter. A portion of the clarified water flow the DAF tank is pumped into an air dissolved tank (ADT), the air which via Ecologix patented air inducing unit introduced into ADT, this 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



milkywater (right) release from ADT

### Dimension and Technical Data

| Model       | Flow rate<br>m <sup>3</sup> /h.(GPM) | Dimension<br>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)                            | 5630 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.