

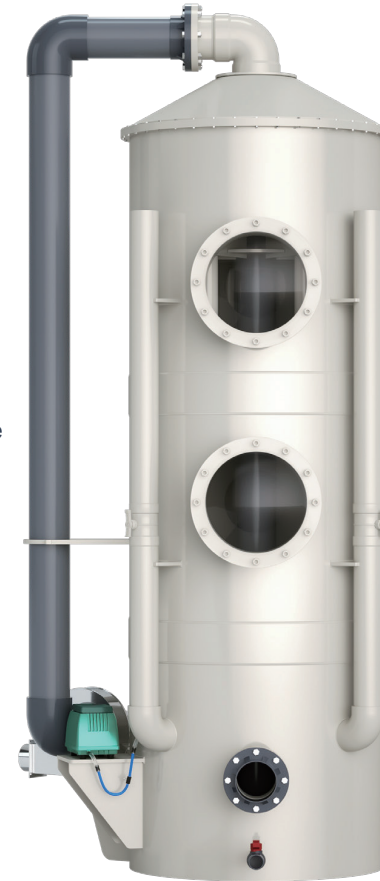
PROTEIN SKIMMER

Technical specification reference for aquaculture and recirculating aquaculture system applications.

A protein skimmer is a supporting water-treatment device that removes dissolved organic compounds and fine organic waste through foam fractionation. It is not a substitute for primary mechanical filtration and is not a complete RAS system.

Working principle

Water enters the contact chamber. Air-water mixing creates fine bubbles. Dissolved and fine organic material attaches to the bubble surface. Organic-rich foam rises for collection and discharge, and treated water returns to the system.



Model-reference note: the number before the T suffix is a catalog reference for approximate recommended applicable water volume in metric tons. It must not be presented as flow capacity, tons per hour, m3/h or GPH. Final selection requires engineering confirmation.

Configuration A - PP Standard

Model	Dimension (mm)	Inlet	Outlet	Sewage outlet
10T	Φ400*1700	50mm	75mm	50mm
20T	Φ500*1900	50mm	75mm	50mm
30T	Φ650*2360	50mm	110mm	50mm
50T	Φ800*2510	50mm	110mm	50mm
80T	Φ1000*2670	75mm	110mm	75mm
100T	Φ1200*2800	160mm	160mm	160mm
150T	Φ1500*2900	160mm	200mm	160mm
200T	Φ1800*3215	200mm	250mm	160mm



Configuration B - PP Standard

Model	Dimension (mm)	Inlet	Outlet	Sewage outlet
60T	Φ1000*3500	110mm	160mm	50mm
100T	Φ1500*3500	110mm	160mm	50mm
150T	Φ2000*3500	160mm	200mm	50mm



Configuration B reference image

Selection information

Provide the following details for model review:

- Total system water volume
- Marine or freshwater application
- Species, biomass and stocking density
- Feed load and expected organic load
- RAS process and water-quality target
- Available installation space and pipe connections

Items to confirm before ordering

Pump configuration, air supply, electrical requirements, hydraulic operating data, salinity range, freshwater applicability, organic removal performance, contact time, operating water level, installation drawings, equipment weight, packing details, warranty and spare-parts scope.