

PUREFLOW BIO | FE UNIT

Foam extractor selection guide | Made in India | Worldwide service

For foam and gas handling from protein-skimmer collector heads. Use this checklist to prepare a project enquiry. Final model, capacity, dimensions, materials and blower duty are confirmed in the quotation and approved drawing.

Project information to confirm

Selection item	Details needed for the project
Skimmer interface	Model, quantity, collector dimensions and connection sizes.
Foam and gas loads	Expected foam loading; gas flow and its temperature / pressure basis; skimmers operating together.
Suction and pipework	Required suction, pipe lengths, elevations, fittings and downstream pressure losses.
Water and materials	Freshwater, saltwater or brackish duty; temperature, chemistry and compatible seals / valves.
Drainage and access	Liquid waste, siphon arrangement, drain level, backpressure and service clearance.
Electrical and controls	Voltage, phase, frequency, blower power in watts, control-panel scope and interlocks.
Ozone service	Gas concentration / load, off-gas treatment, monitoring, ventilation and controls.

Gas-flow calculation

For identical skimmers operating together: total gas flow = gas flow per skimmer x quantity. Add only the extra allowance specified for your project. Convert L/min to m³/h by multiplying by 0.06.

Use gas volumes at the same operating conditions. Normal or standard gas volumes need conversion before use. This arithmetic does not establish FE capacity or select a blower; suction, pressure losses, foam loading and the complete arrangement still need review.

Ozone and equipment scope

Foam extraction alone does not establish ozone destruction. Where ozone is used, confirm the complete gas treatment and monitoring arrangement. Pipework, controls and accessories are included only when stated in the agreed scope.

Warranty, dispatch and quotation

One-year warranty from the invoice date covers the body and supplied components. Normal wear, improper operation and physical damage are excluded. Operating outside agreed conditions can affect cover. Dispatch is within 15 working days after order confirmation; transit time is additional.

Specifications and pricing may change. Confirm current ratings, regional electrical requirements, delivery and installation responsibilities in your quotation.

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