The smarter choice for the serious hobbyist

A new level of performance, user friendliness and affordability in protein skimming.

Features

- PSK Air Injector - 800 lph (200 gph)
- Integrated neck washing system *
- FoamView™ skim adjustment window *
- High efficiency skim reactor
- Stand-alone or In- summoned

* patents pending
Peripheral flow, closed loop, skim chamber

Inlet: Aquarium water is injected into an air pocket above the skim chamber, and is spread evenly around the periphery of the skim chamber walls, preventing turbulent flows on non-aerated water which can de-stabilize the foam production.

Aeration: The PSK aspiration pump recirculates the water in the skimmer, injecting 800 lph (200gph) of micro air bubbles.

Foaming: The conical top of the skimming chamber concentrates the air/water mixture, forcing it up into the neck of the collection cup where it slowly transforms into dry concentrated organics-laden foam.

Outlet: The out-flowing water is collected evenly from around the periphery of the bottom of the skim chamber where it is almost bubble free.

Control: A skim regulator valve easily adjusts the foaming for a wide range of water conditions providing optimal skimming performance.

User-friendly control and design

The compact rectangular design of the C-Skim makes it ideal for in-sump use or stand-alone installation. All controls and access to the pump are on one face, making set up and ongoing use a simple process.

Control features include the Foam Regulator & Foamview Window, Air Control Valve & silencer, 3-way Skim/Wash/Clean Control Valve, Drain Port, 90deg rotating outlet suitable for 40mm (1 1/2") rigid pipe.

Long term pollutant reduction:

Tests have shown that over time the C-Skim is extremely effective in lowering the level of oxygen consuming pollutants (COD/BOD) in aquarium water. The graph shows the inverse relationship between the levels of water borne pollutants and Redox over time.

[Results of test performed on a heavily stocked 1000L (250gal) fish tank.]

C-Skim 1800 performances

![Graph showing C-Skim 1800 performances]

Skimmer Neck Washing system

Allowing organic sludge to accumulate on the skimmer neck (which will occur if not cleaned regularly) can reduce foam production by 30-40%. When the C-Skim’s patent-pending integrated neck washing system is activated, it diverts water from the skim chamber, spraying concentrated jets of water onto the inside of the neck, washing the accumulated sludge back into the skimmer. Returning the water flow back to normal operation flushes the sludge into the collection cup for easy disposal.

FoamView™

The Foamview Window provides a clear view of the foaming action and allows easy and accurate adjustment of foam production.

Installation

Inlet connection: 17mm (5/8") standard flexible hose

Max. water throughput: 1800 lph (450 gph)