

RK2 SYSTEMS AC SERIES FRACTIONATORS

The Most Affordable, Most Efficient Fractionators Available



RK2.COM • 1.800.488.2448
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AC SERIES

RK2 AC Series Foam Fractionators

Meet the newest models of RK2's commercial foam fractionator lineup! Our AC series is designed for low flow rate applications while keeping the performance and quality that larger RK2 models have become known for. RK2's nearly 30 years of engineering experience combined with extensive R&D we are proud to offer a truly commercial grade foam fractionator for aquarium professionals, home hobbyists, and aquaculture professionals alike. These units are built to withstand the most demanding applications. We utilize a design that is based on proven science and volume metrics to bring you the best performing fractionators available today.



Available Vectra L1/L2 DC Pump For 5AC Model

Design

All RK2 fractionators utilize counter current design. That means incoming (dirty) water enters high on the reaction chamber or vessel. The incoming water then travels downward through the rising air, which is injected low inside the reaction chamber, before exiting the bottom of the reaction chamber. In comparison, a co-current designed model has it's incoming water and air/water mixture entering at the same level inside the foam fractionator. Once inside the fractionator, both the incoming water and air/water mixture travel in the same direction, which offers little to no mixing and operates with a much shorter contact/dwell time.

Counter-Current vs. Co-Current



AC Series

Materials

The AC series is made from the highest quality materials available. Our ozone resistant base and transition piece are made from molded HDPE (High Density Polyethylene). The reaction chamber (body), cone/riser, collection cup are all made from ¼" acrylic. All AC series units feature a Mazzei venturi injector with dedicated ozone port, allowing for precise control main air flow and separate control of ozone injection. Both the ozone and port and Mazzei injector are made from ozone resistant Kynar, allowing reliable and safe use of ozone without the fear of parts breaking down from exposure to ozone.

Efficiency

When coupled with the recommended L1/L2 Vectra pumps our foam fractionators operate at approximately 1 amp of power at 120VAC. Simply put, there is no reason to look anywhere else for your foam fractionator needs! Whether you are a hobbyist in need of a fractionator for your larger display tanks or an industry professional in the aquaculture or public exhibit sectors, the AC series fractionators by RK2 is your answer!

Standard Features:

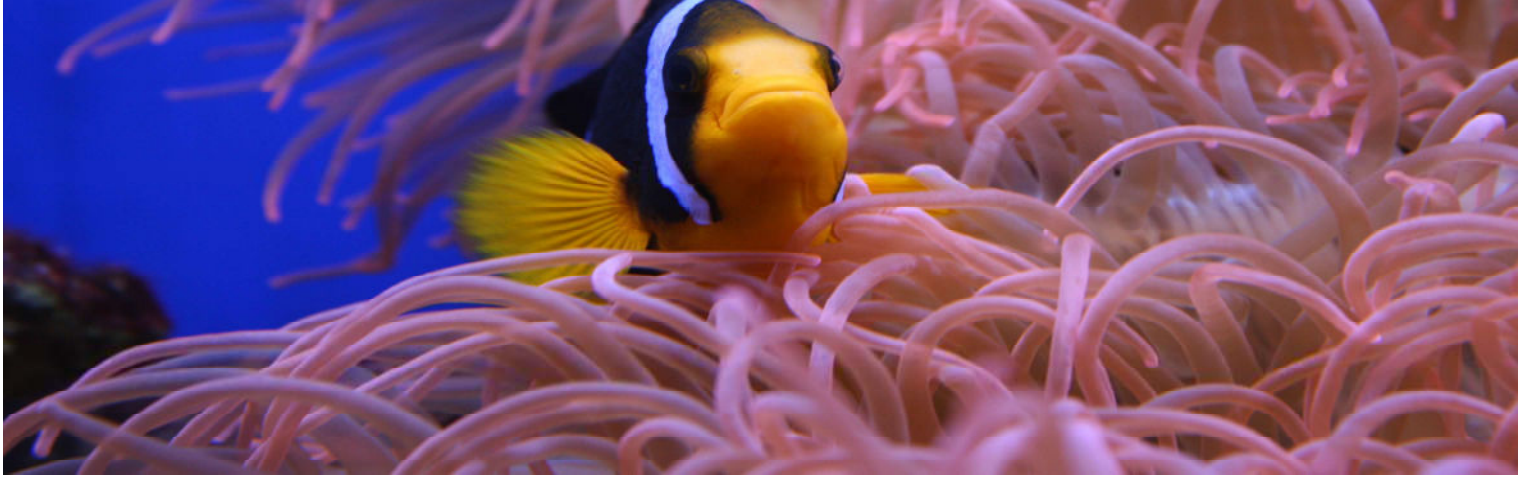
- ❖ 10" Acrylic Reaction Chamber
- ❖ Grey Sch 40 PVC Plumbing
- ❖ Molded HDPE Base
- ❖ Acrylic Collection Cup and Cone
- ❖ Easy To Remove Screw Top Lid
- ❖ Air Flow Meter for Fine Adjustments
- ❖ Easy to Adjust Gate Valve on Discharge
- ❖ Dedicated Ozone Port
- ❖ Kynar Mazzei Venturi Injector
- ❖ No Penetrations through Acrylic means less stress and no cracking



Available Upgrades:

- ❖ Automated Wash Down System with External, Internal, and Ventri Rinses
- ❖ True Union Ball Valves at All Positions
- ❖ Vectra L1/L2 DC Pump
- ❖ 3" Service Pad





AC SERIES FRACTIONATORS

MODELS & SPECS

RK5AC

Operating Flow Rate: 8-16GPM

System Capacity: 1,000-2,000 Gallons

Supply Inlet: 1.5"

Outlet: 1.5"

Height: 48"

Diameter: 10"

Footprint 12" x 12"

Recommended Injector Pump:

Vectra L1 or L2

RK8AC

Operating Flow Rate: 16-32GPM

System Capacity 2,000-4,000 Gallons

Supply Inlet

Outlet 1.5"

Height: 60"

Diameter: 10"

Footprint 12 x 12"

Recommended Injector Pump

Vectra L1 or L2



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