

FOAM FRACTIONATORS



Keeping water clean with billions of tiny bubbles.

AAT Foam Fractionators effectively and efficiently remove microscopic organic compounds, protein particles, bacteria, water tints and other waterborne detritus from salt-water aquariums.

- ✓ Highly effective purification
- ✓ A versatile range with eight sizes available
- ✓ Resilient & durable
- ✓ No corrosion-vulnerable metals inside
- ✓ Resistant to chemicals and ozone
- ✓ Shipped worldwide & installed on-site in batches
- ✓ Easy to clean and maintain
- ✓ The rotating spray wash-down mechanism is the only moving part inside the chamber
- ✓ Georg Fischer fittings & valves as standard
- ✓ Tapered base reduces water exit velocity & allows fine bubbles to rise
- ✓ Venturi manifolds with tunable Mazzei injectors.
- ✓ Internal baffle plate for uniform fluid flow.

Advanced Aquarium Technologies have pioneered unique techniques and technologies to design, build and operate inspiring and sustainable aquariums all over the world.

www.advanced-aquariums.com

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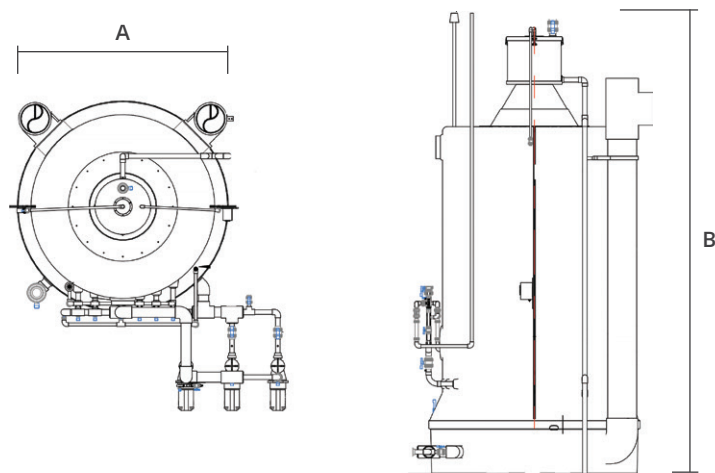
TECHNICAL SPECIFICATIONS

METRIC											
Model	Flow rates (m³/hr)		Process retention time @ max flow (sec)	Process column diameter (mm)	Unit Dimension A (mm)	Unit Dimension B (mm)	Inlet (mm)	Outlet (mm)	Venturi manifold connection (mm)	Dry weight (kg)	Operation weight (kg)
	Min.	Max.									
FF300	5	6	35	300	330	1,606	1 x 50Ø	1 x 90Ø	1 x 25Ø	22	102
FF400	8	10	35	400	460	1,650	1 x 50Ø	1 x 90Ø	1 x 25Ø	30	171
FF600	19	23	71	600	750	2,909	1 x 63Ø	1 x 110Ø	1 x 32Ø	98	739
FF1000	46	56	107	1,000	1,100	4,048	1 x 110Ø	1 x 160Ø	1 x 63Ø	245	2,444
FF1150s	64	78	87	1,150	1,370	3,712	1 x 110Ø	1 x 250Ø	1 x 63Ø	205	2,940
FF1150	64	78	107	1,150	1,370	4,182	1 x 110Ø	1 x 250Ø	1 x 63Ø	292	3,472
FF1500	118	144	145	1,500	1,870	5,209	1 x 160Ø	1 x 315Ø	1 x 90Ø	576	8,138
FF2000	204	249	145	2,000	2,300	5,209	1 x 225Ø	2 x 315Ø	1 x 90Ø	983	14,231

IMPERIAL											
Model	Flow rates (gpm)		Process retention time @ max. flow (sec)	Process column diameter (inch)	Unit Dimension A (inch)	Unit Dimension B (inch)	Inlet (inch)	Outlet (inch)	Venturi manifold connection (inch)	Dry weight (US lbs)	Operation weight (US lbs)
	Min.	Max.									
FF300	21	26	35	12	13	63	1 x 1½"	1 x 3"	1 x ¾"	49	224
FF400	36	44	35	16	18	65	1 x 1½"	1 x 3"	1 x ¾"	66	377
FF600	83	102	71	24	30	115	1 x 2"	1 x 4"	1 x 1"	216	1,628
FF1000	202	247	107	39	43	159	1 x 4"	1 x 6"	1 x 2"	540	5,387
FF1150S	281	344	87	45	54	146	1 x 4"	1 x 250Ø	1 x 2"	452	6,481
FF1150	281	344	107	45	54	165	1 x 4"	1 x 250Ø	1 x 2"	644	7,655
FF1500	518	633	145	59	74	205	1 x 6"	1 x 315Ø	1 x 3"	1,270	17,942
FF2000	896	1,095	145	79	91	205	1 x 225Ø	2 x 315Ø	1 x 3"	2,167	31,375



DIMENSION REFERENCE



PRODUCT FEATURES

Wash down built-in, optional automation

Internal baffle plate to control fluid flow and ensure uniform mixing

Clear tubes for inspecting venturi operation

Tapered base to reduce water exit velocity and allow fine bubbles to rise

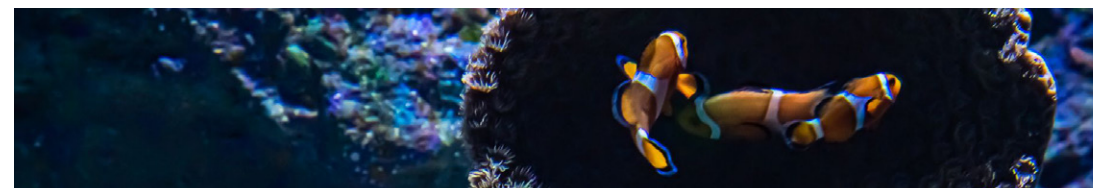
Clear PVC dome and cone for simple control & diagnostic analysis

Vinyl ester resin used in construction for resistance to chemical and ozone attack

High quality Georg Fischer fittings & valves

Venturi manifolds incorporating tunable Mazzai injectors

Option for air only or air and ozone mixtures.



The World's Premier
Aquarium Infrastructure
and Services Specialist

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