

AQUATIC ECO-SYSTEMS



BEAD FILTERS

Pentair Aquatic Eco-Systems Sweetwater® Bead Filters are specifically engineered to deliver both mechanical and biological filtration in one highly efficient package. Applications include koi ponds, public aquariums, zoos, hatcheries, research facilities, aquaponics, quarantine and environmental biological recovery systems. Robustly constructed heavy-duty fiberglass filter vessels are rated at maximum 50 PSI and designed to hold up to 4500 ft² of biological contact surface area in a small footprint.

Backwashes are accomplished with ease using a blower system. The blower aggressively agitates the debris collected in the media bed and suspends it in the water column to be backwashed. Water clarity monitoring during backwash cycles and the return stream is convenient using built-in sight glasses.

If separate mechanical filtration is provided upstream, pond size and fish capacity can as much as double when the bead filter is used for biological filtration only. Pond volume and fish load capacity numbers are nominal and sizing requirements should be determined by daily feed rate.

Bead filters include control valve and filtration vessel mounted on a rigid plastic base, with a 115V 60 Hz blower, 2" union connections, and filter bead media. Ships Ground. One-year warranty.

- Innovative flow control protects against friction loss by eliminating unnecessary flow restrictions inside the system allowing greater water flow
- Both an excellent mechanical and biological filter
- Clear sight glasses allow you to monitor filtered effluent and waste discharge streams
- Bottom mounted sludge drain discharges heavy solids without media interference
- Bypass function isolates beneficial bacteria and media without disturbing normal water flow. Ideal for medicating the aquatic environment without killing the beneficial bacteria.
- High-output blower fluidizes and pre-washes media prior to backwash, reducing the amount of water needed to clean the system, which increases biological efficiency
- Removable diffuser inlet makes for easy cleaning

NEW!

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MODEL	INLET/OUTLET	MAXIMUM SYSTEM SIZE GAL/LITERS	FISH SUPPORTED (LBS)	BEAD MEDIA CAPACITY	DIAMETER	HEIGHT	RECOMMENDED FLOW RATE (GPM)	PRICE
930080	2"/1½"	4,000/15,142	75	1.65 FT ³	19"	38"	40-60	\$1,550.00
930081	2"	8,000/30,283	165	3.30 FT ³	24"	43"	60-90	2,150.00
930082	2"	12,000/45,425	240	4.95 FT ³	30"	48"	90-110	2,950.00
930083	2"	24,000/90,850	480	9.90 FT ³	36"	52"	100-125	4,750.00
AB1	REPLACEMENT FILTER BEAD MEDIA, 1.65 FT ³ , 55 LBS.							111.67

Note: model 930080 will ship with 2" x 1½" reducer bushings as option for 1½" plumbing installation.



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2395 Apopka Blvd., Apopka, FL 32703 407.886.3939 PentairAES.com

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