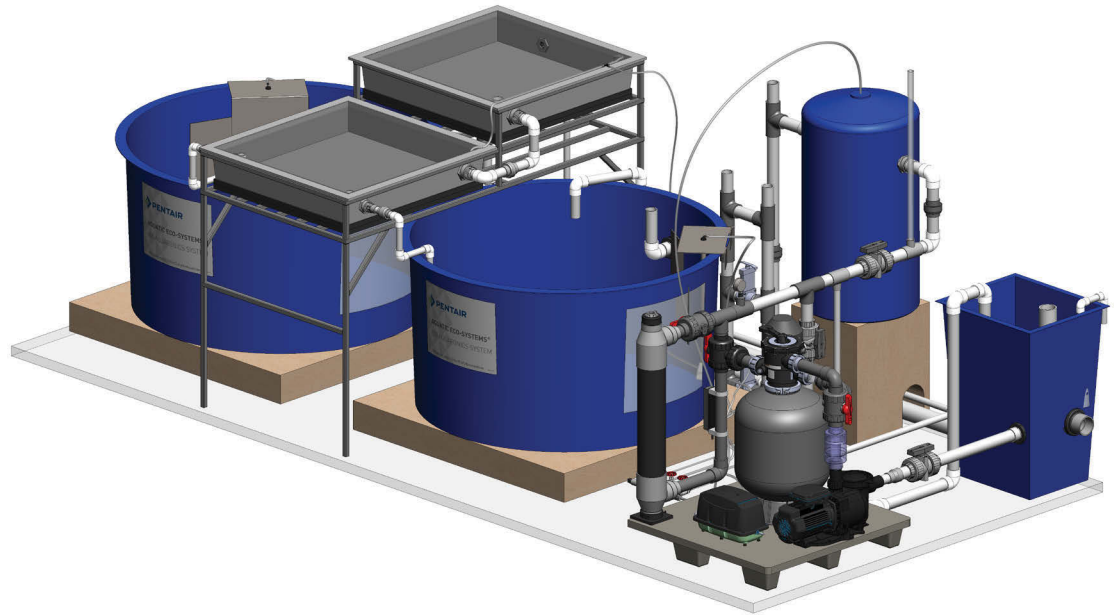


AQUATIC ECO-SYSTEMS®



AQUAPONICS SYSTEM 800

STATE-OF-THE-ART EQUIPMENT IN A USER-FRIENDLY PACKAGE

The Pentair Aquaponics System 800 utilizes an integrated design to deliver a controlled and balanced growing environment for both fish and plants. This system* features a mix of state-of-the-art equipment and a full complement of Sweetwater® filtration and aeration equipment for an efficient, reliable and user-friendly package.

Two 400 gallon polyethylene tanks can support a maximum of 375 pounds of fish biomass at one time in the system and provide nutrients to at least 60 plants. This is a robust fish and plant production capacity within a small footprint of 10' x 17', about the size of a one car garage. It is possible due to the use of a newly designed bead filtration skid system and a Sweetwater Low-Space Bioreactor to maintain optimal water quality. The bead filtration system features a pump, filter, UV sterilizer, valves and rugged Schedule 80 PVC plumbing. All specialty components and equipment are included, except standard PVC pipe (available from your local hardware store.) The filtration/pumping system ships pre-plumbed on its own pallet. To finalize assembly, follow the detailed instruction manual to connect the filtration system to all other components including tanks, using your locally-sourced PVC pipe.

With an expected feed conversion ratio of 1.5 and greater than 90% survival for fish and plants the producer could achieve 750 pounds of fish production and 650 units of leafy greens annually. That equates to 1,000 fish fillets each year for a small household!

NEW!

AQUAPONICS SYSTEM 800

BEAD FILTRATION SYSTEM

- Taurus™ 110 Energy Efficient Aquaculture-Duty Centrifugal Pump.
- Sweetwater® Bead Filter for removal of solids.
- SMART UV® Sterilizer inactivates potentially-harmful micro-organisms such as bacteria and algae.
- Rugged Schedule 80 PVC plumbing and true union Asahi valves.
- Bypass lines to facilitate filter or lamp replacement.

SWEETWATER LOW-SPACE BIOREACTOR

- Fully automatic, self-adjusting and continuously self-cleaning. Utilizes moving bed bioreactor technology to control ammonia and nitrite.

PLANT TRAYS

- Two 36-inch x 36-inch plant trays supported by a powdered coated stainless steel stand.

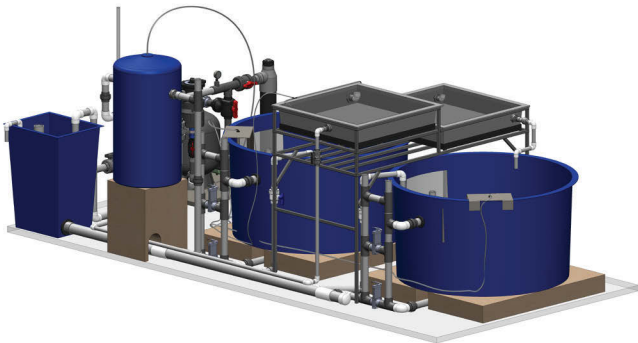
AERATION

- Sweetwater Air Diffusers provides supplemental oxygen to the fish tanks, grow trays and low-space bioreactor.
- Sweetwater Linear Diaphragm Pump powers the air diffusers and airlifts.

TANKS

- Circular tanks result in concentrated solids exiting through a center drain to filtration.
- External standpipes set tank water level and eliminate unnecessary plumbing from remaining in fish tank.

MODEL		EACH
440096	AQUAPONICS SYSTEM 800	\$13,900.00
890029	OPTIONAL FISH TANK BASE	\$648.99



If you have any questions, please do not hesitate to contact your Pentair Aquatic Eco-Systems Representative or email PAES.General@Pentair.com.



AQUATIC ECO-SYSTEMS®

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