COMMERCIAL FILTRATION SYSTEMS

The Pentair Aquatic Eco-Systems Commercial Filtration Systems provide complete filtration and circulation for larger recirculating applications. These systems are available in a range of configurations with performance and specifications to suit the needs of many aquatic applications. All systems include pump, filter, UV sterilizer, chemical filter, valves and Schedule 80 PVC pipe. They come assembled, plumbed and pre-mounted on durable plastic skids for drop and go installations. Skids can be easily moved with a forklift or standard pallet jack. Systems ship via motor freight, FOB Orlando. Made in USA. One-year warranty.

PUMPS
All systems are available with pumps that are suitable for single-phase or three-phase electrical supply and offered in 50 hz or 60 hz electrical ratings, making them suitable for installation nearly anywhere in the world. Fresh and saltwater compatible.

CHOOSE BETWEEN TWO PUMP MODELS
• Sparus™ 160—These pumps offer extremely high water flow in a quiet, energy efficient package.
• Sparus with Constant Flow Technology™—Delivers a constant user-defined flow rate because the motor speed self-adjusts to maintain the constant flow setting even as system conditions change. Note: Flow rate setting not to exceed system designed flow rate.

FILTERS
Commercial Filtration Systems are supplied with your choice of bag, cartridge or sand filters. These filters have been specifically sized to match the requirements of the system and the flow rate of the pump. All systems include chemical filters which remove contaminants and impurities from the water (media sold separately).

CHOOSE BETWEEN THREE FILTER OPTIONS
• Bag Filters—The polypropylene bag filter is designed to allow a high flow rate through a single reusable in-line bag filter (filter bags from 1 to 800 microns are sold separately).
• Cartridge Filters—The cartridge filter housing is constructed of fiberglass-reinforced polypropylene for improved strength and chemical resistance; pleated 20-micron cartridge included (replacement cartridges sold separately).
• Sand Filters—The sand filter housing is constructed of a one-piece, reinforced fiberglass shell for strength and durability (sand filter media sold separately).

APPLICATIONS:
• Public aquariums
• Multi-tank rack systems
• Retail holding systems
• Seafood holding systems
• Research systems
• Residential systems
• Aquaculture systems
• Koi ponds

Bag Filter System
**UV Sterilizers**

The UV sterilizer component of the system reduces microorganisms through ultraviolet light. Each system features Pentair Aquatic Eco-Systems commercial-duty UV sterilizers that utilize ultraviolet light to effectively and efficiently inactivate potentially-harmful micro-organisms such as bacteria and algae. These UV units feature high-output (HO) T6-style lamps for a higher wattage in a shorter lamp. The UV dose is sized to be over 30,000 µW/cm² at full system flow. Replacement lamps sold separately.

**EPA EST No.: 091668-FL-001**

**Plumbing**

Systems are plumbed with Schedule 80 PVC pipe. All valves are true union Asahi ball or 3-way valves plumbed throughout the system for easy service and disassembly. All filters and UV sterilizers have bypass lines to facilitate filter or lamp replacement.

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### Commercial Filtration System

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* 208-230V 60Hz 1PH TEFC.

All models come assembled, plumbed and permanently pre-mounted on a single 40” x 48” plastic skid, except for models 930070, 930071, 930072 which utilize two skids.

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**AQUATIC ECO-SYSTEMS**

2395 APOPKA BLVD., APOPKA, FL 32703  407.886.3939  PentairAES.com

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