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AquaLine™ Liquid Filtration System

NEW HIGH-FLOW-RATE *Filtration Solution*
saves **Labor, Floor Space & Equipment Costs**

- *Rugged fiberglass housing*
- *Superior flow rates*
- *25% to 50% lower housing cost versus steel equivalent*
- *Proprietary quick change design*
- *Space-saving rack system*



**Pentair
Industrial**



Superior Filtration for a Wide Variety of Applications

Chemical

Cosmetic

Electronic

Food and Beverage

Ink

Magnetic Media

Medical

Pharmaceutical

Photographic

Pre-Filter for RO Systems

Salt Water

Bleach

AQUALINE™ A SUPERIOR SOLUTION THAT SAVES YOU MONEY.

A Rugged Design & Lower Cost Alternative

AquaLine™ Liquid Cartridge Housings feature rugged fiberglass construction for long lasting performance in industrial applications. These 8-inch diameter housings feature a positive o-ring seal and are available in a 60-inch length. AquaLine™ delivers superior flow rates and is a cost-effective alternative to steel equivalents, offering 25% to 50% in cost savings versus steel equivalents.



Proprietary Labor-Saving Quick Change Design

AquaLine™ Housings with Pentair's proprietary quick change design allow operators to access and change out cartridges in a matter of minutes – no need to disassemble with nuts and bolts of any kind. The time to change an AquaLine™ cartridge that flows 150 gpm is typically 5 minutes versus 30 minutes for standard housings. A single AquaLine™ element can be changed while the whole system stays online, eliminating the need for additional costly downtime.



Vertical Rack System Saves Valuable Floor Space

The cost of floor space in your plant is significant and AquaLine™ provides excellent space-saving benefits. Its compact, rackable design increases total flow by stacking housings vertically, conserving valuable floor space.



AquaLine™ Savings* Versus Steel Equivalents

Housing Cost	25% - 50% less
Cartridge Cost	30% less
Cartridge Changeout Labor	25 minutes less per Cartridge
Floor Space to add 150 gpm	Saves 2 sq. ft. per Cartridge

* Approximate savings; actual savings may vary.





High Capacity Pleated Cartridge Design

Available in 6.75-inch diameter and 60-inch length, AquaLine™ Series Filter Cartridges feature polypropylene media, a PVC core, and a proprietary o-ring seal. Pleated construction with an outside-in flow provides maximum flow rates with the lowest possible pressure drop.



Twenty Times More Filter Media Area

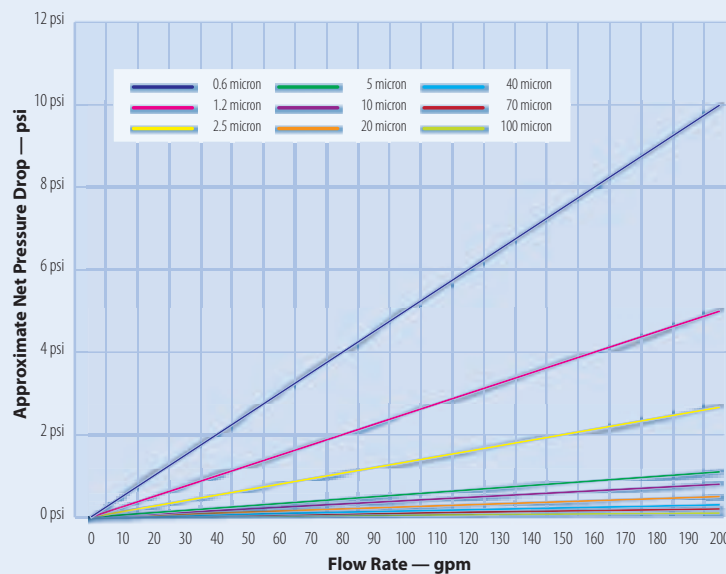
AquaLine™ Cartridges feature 20 times more square feet of media than used in standard 10-inch pleated cartridges. Now you can achieve significantly increased filter life and fewer filter changeouts, saving cartridge costs and labor.



Absolute Beta 5000 Efficiency

Highly efficient AquaLine™ Cartridges are manufactured with absolute-rated polypropylene media, defined as Bx greater than 5,000. They achieve 99.98% (Beta 5000) efficiencies at their stated micron size.

AquaLine™ Series Cartridge Water Flow Rate



Clear water pressure drop through the media at ambient temperature.

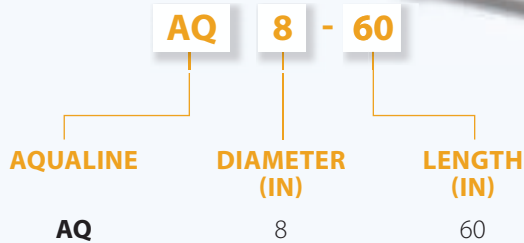


AQUALINE™ LIQUID CARTRIDGE HOUSINGS AND FILTER SYSTEM

ORDERING INFORMATION

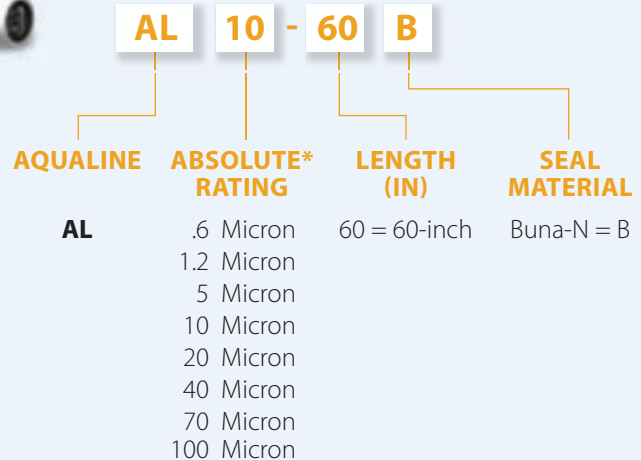
Custom Configurations available; please contact Customer Service.

HOUSINGS



Rated ASME Section X Class 1

CARTRIDGES



SPECIFICATIONS

AquaLine™ Housing	8-inch	Dual 8-inch
Pressure Rating	160 psi at 110°F	
Pleated 2.5-inch Diameter by 10-inch Length Cartridges Replaced	20	40
Recommended Water Flow Rates in Gallons per Minute per Cartridge with a 2.5 Micron Cartridge	150	300

SPECIFICATIONS

AquaLine™ Cartridges	Material/Value
Filtration Media	Polypropylene
Maximum Temperature Rating	180°F (82.2°C)
Maximum Differential Pressure	35 PSID

*Absolute is defined as $B_x > 5,000$ (99.98% efficiency at stated micron size)

Why do **BUSINESS** with **Pentair**?

Broadest Line—Single Source

Pentair brings the broadest filtration offering in the industry—a single source for all your filtration needs

Dedicated, Responsive Customer Support & Application Engineering

We are committed to providing quality customer service and technical support

Lean Manufacturer

We strive for continuous improvements in cost, quality and delivery

Technology Research Centers

Advanced research results in greater innovation, technology and customized solutions for your applications

