

AQUA-STREAM

SIDE-STREAM FILTRATION SYSTEM

Reduce operating expenses.
Increase efficiency.



Includes EPA-registered antimicrobial filter media for the reduction and control of coliform bacteria in your cooling tower system.



Protected by

INNOVATING GOOD CLEAN WATER

The AQUA-STREAM™ filtration system utilizes side-stream high efficiency (centrifugal) technology to remove solid contaminants and control coliform bacteria in cooling towers. Waterborne deposits and bacteria reduce heat transfer efficiency which increases energy costs, accelerates corrosion, and increases pumping energy due to water flow restriction. In addition to providing high performance solids removal, the Aqua-Stream™ uses a unique EPA-registered antimicrobial filter media, Pathex™ to control and kill bacteria on contact.

How it Works

AQUA-STREAM™

technology uses single or multiple high efficiency filters configured to meet the sizing (flow rate) requirement for the cooling tower system. When compared to traditional sand filters, Aqua-Stream™ high efficiency filtration achieves high performance by maximizing contact time with the suspended sediment and the filter media. This high efficiency design traps particles at the surface of the media instead of deep within a traditional media bed allowing Aqua-Stream™ to use 50% less backwash water than traditional filters. The Aqua-Stream™ with Pathex™ media achieves 95% removal of fine suspended solids down to the submicron level (0.5 microns). The antimicrobial Pathex™ filter media kills bacteria on contact simultaneously with the solids filtration.



EPA-registered antimicrobial filter media

The Benefits

1 High Efficiency

Enhanced efficiency reduces operational costs, energy consumption and water use.

2 Reduces Chemical Use

Pathex™ controls coliform bacteria and can reduce the use of chemicals by up to 90%.

3 Easy Operation

Operates on standard electrical power using automated controls for low maintenance requirements.

AQUA-STREAM™ MODEL*	FLOW RATE (GPM)	ESTIMATED COOLING TONNAGE
SS - 1.13	15	200-300
SS - 1.18	30	300-400
SS - 1.24	75	400-500
SS - 1.30	100	800-1,000
SS - 1.36	125	1,100-1,300

* Custom models available to filter larger flow rates

Another innovation by

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