

SIDESTREAM FILTRATION MEGA



SIDESTREAM filtration systems are transformative for water treatment in cooling towers and closed-loop heating and cooling systems. Designed for optimal energy and water efficiency, they reduce environmental impact while providing a complete, reliable treatment solution in a single, efficient package. Suitable across multiple sectors, these systems deliver exceptional performance and dependability.

"Untreated system water can reduce energy efficiency by over 30%"

The **MEGA** is a high-capacity side stream filtration and dosing unit designed for heating and cooling systems up to **900,000 litres**. It features an advanced multi-stage filtration system with 18 high-strength magnetic bars and four anti-microbial cartridge filters. With a **250L** dosing pot, automatic air vent, and durable stainless-steel construction, it ensures efficient contaminant removal while maintaining system performance. The floor-mounted design, easy servicing, and compliance with industry standards make it a reliable solution for large-scale water treatment applications.

"Reduces corrosion, scaling, and biological growth, helping HVAC systems, cooling towers, and chillers last 20–30% longer"

Features



High Filtration Efficiency Removes particles down to 0.5 microns using four anti-microbial polypropylene cartridge filters.



Large Dosing Pot Capacity 250-liter capacity for efficient chemical dosing and water treatment.



Enhances system reliability Stainless-Steel Construction built with 304/316 stainless steel and ATEX certification for enhanced reliability.



Automatic Air Vent Eliminates micro-bubbles, reducing noise and preventing system stress.



Advanced Magnetic Filtration Eighteen 8,500 Gauss Neodymium magnets capture ferrous debris for superior protection.



Easy Installation & Maintenance Floor-mounted with a robust frame and quick-access filter servicing.



Wide Operating Range Handles system volumes up to 900,000 litres with temperatures up to 110°C.



Industry Compliance Fully meets BSRIA guidelines for filtration, dosing, corrosion control, and bacterial prevention.

