

## SIDESTREAM FILTRATION MICRO



**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 **Micro** is a side-stream filtration and dosing unit designed to maintain water quality and system efficiency in heating and cooling systems. It supports system volumes ranging from **1,000 to 20,000 litres** and provides a filtration rate down to 0.5 microns, removing magnetic and non-magnetic debris. The unit includes a **2.1-litre dosing pot, four 8,000 Gauss neodymium magnets, and an anti-microbial polypropylene cartridge filter**, ensuring effective filtration and bacteria control. With automatic air venting, stainless steel components, and compliance with BSRIA BG29 and BG50 guidelines, the Filter Pot Micro enhances system longevity, efficiency, and cleanliness.

**"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.



**Dosing Pot Capacity** 21 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** Four 8,000 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 between 1000 – 20,000 litres



**Industry Compliance** Fully meets BSRIA BG29 & BG50 Guidelines.

