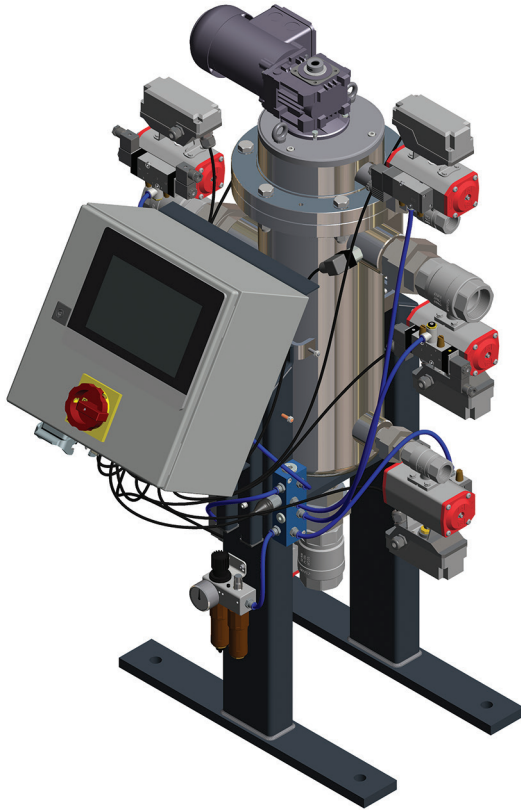


AUTOMATED BACKFLUSH, HIGH-FLOW FILTER



DESIGN BENEFITS

- Filtration rating at 25 to 100 microns @ 98% efficiency
- Process flow rates from 250 to 800 l/min (60-210 gpm) with up to four units connected in parallel (flow rate up to 3,200 l/min), under one master control system
- Efficient automatic backflush with element lifetime longer than 12 months
- Can be used in a variety of applications—to remove suspended solids from incoming surface water, recycle water, process water as barrier fluid to mechanical seals and gland water

PRODUCT DESCRIPTION

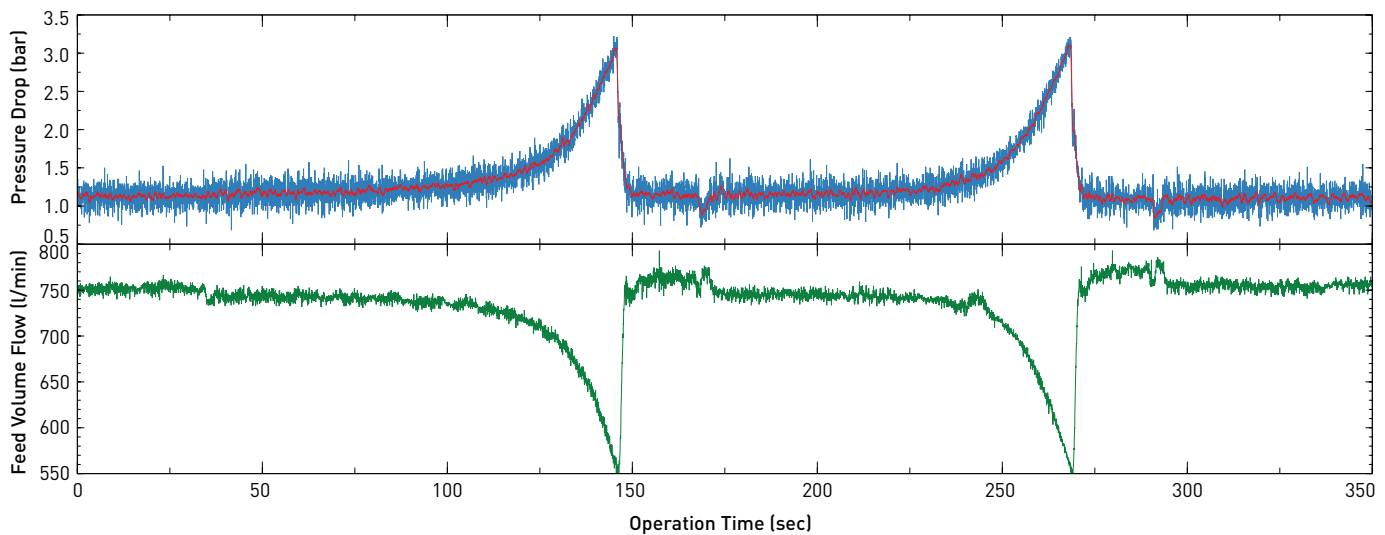
- Highly effective metallic media and automated systems provide a constant supply of cleaned water with automatic backwashing and simultaneous forward filtration capability for treatment of process water in pulp and paper, mining and power generation plants, and refineries.

AUTOMATED BACKFLUSH, HIGH-FLOW FILTER

The John Crane MPF automated high-flow filtration system is able to operate on difficult water applications across process industries, reducing the water fees and cost-effectively replacing high maintenance costs of multimedia filtration.

The MPF utilizes robust laminated metallic mesh or slotted tube option filters to filter suspended solids down to 25 µm. The membranes are capable of handling high flow rates up to 800 l/min (210 gpm), using CFD-optimized designs within a compact system footprint. Fully automated and easy to operate, the MPF is a highly efficient and scalable configuration enabling up to four units for a maximum flow rate of 3,200 liters per minute of high-quality process water treatment.

A control unit is used to monitor the filtration process and initiate cleaning when set threshold values for pressure drop are exceeded. The backflush cycle is normally carried out over approximately 20 seconds and this minimizes the loss of clean filtrate.



John Crane filtration solutions and technologies keep your operation running at peak performance to significantly reduce process contamination and increase the productivity of your operation.



North America	Europe	Latin America	Middle East & Africa	Asia Pacific
United States of America	United Kingdom	Brazil	United Arab Emirates	Singapore
Tel: 1-847-967-2400	Tel: 44-1753-224000	Tel: 55-11-3371-2500	Tel: 971-481-27800	Tel: 65-6518-1800

If the products featured will be used in a potentially dangerous and/or hazardous process, your John Crane representative should be consulted prior to their selection and use. In the interest of continuous development, John Crane Companies reserve the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made from PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO14001 Certified, details available on request.

