



Standard Features

- Automatic backwash based on selectable pressure differential
- High Performance Filter (HPF) media (5 µm)
- Super Performance Filter (SPF) media (0.5 µm)
- High solids loading capacity
- Standard pressure gauges
- Standard isolation valves

Advantages

- Self-cleaning system
- Pre-programmed
- Regulated service and backwash flow rates
- Fresh water backwash minimizes bleeding treated water
- Reduces energy and maintenance costs
- Commercial and industrial applications
- Professional service and installation
- In-house technical support

HPF/SPF Filter

All self-cleaning Closed Loop Filters are designed to efficiently and economically remove suspended solids from recirculating closed water systems operating at less than 110°F. HPF/SPF Closed Loop Filters remove smaller suspended particles than conventional sand filters, anywhere from 0.5 to 5 µm depending on the model, while operating at higher flow rates and with longer times between backwash. These filters will automatically backwash based on a user selectable pressure differential switch preset for 10-12 psig. HPF/SPF Filters work with your chemical treatment program to protect your closed system from the harmful effects of corrosion and other suspended matter, and to ensure efficient, reliable system operation.

The high surface area media of the HPF allows particulate matter to penetrate deeply into the filter bed, but still easily released on backwash. The SPF removes particulate matter closer to the surface of the filter bed, but still easily released on backwash.

Hot Water/High Pressure HPF Filter

The Hot Water HPF Closed Loop Filter is designed to efficiently and economically remove suspended solids from recirculating closed hot water systems operating at less than 200°F and 250 psig. The Hot Water HPF Closed Loop Filter also includes value-added features that you will not find on other filters: sample valves on filter inlet and outlet, regeneration counter, in-line rotometer to monitor and adjust filter flow rate, and ASME coded carbon steel pressure vessel. Hot Water HPF Filters work with your chemical treatment program to protect your closed system from the harmful effects of corrosion and other suspended matter, and to ensure efficient, reliable system operation.



Media	Nominal Rating	Loading Capacity
Sand	20 µm	1.0X
Sand & Anthracite	15 µm	1.6X
Typical Multimedia	10 µm	1.8X
HPF Media	5 µm	2.8X
SPF Media	0.5 µm	1.0X

*Custom sizes available to accommodate system pressures and temperatures.