

We understand the impact your filtration system can have on your process. That's why we offer our backwashing/ tubular systems with several media options and with a full spectrum of standard and optional features.

You can custom-configure a system to precisely fit the demands of your application and process. And our experienced team can help seamlessly integrate a filtration solution into your new or existing application for optimum performance.

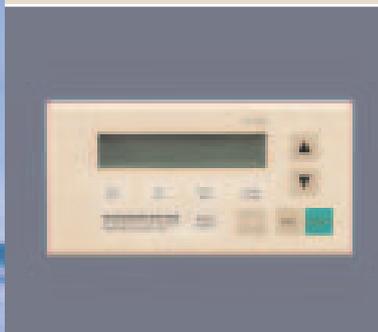
## Control options integrate with your plant's infrastructure

The control options for our backwashing/tubular systems are as broad as the applications they serve.



### Allen-Bradley MicroLogix

The Allen-Bradley PLC controls the backwash process and includes a PanelView 300 display mounted on the enclosure door (for making timer adjustments). PLC is housed in a NEMA 4 polyester coated carbon steel enclosure mounted to the filter frame. Backwash is initiated by a signal from the supplied differential pressure switch or the interval timer. Automation includes rotary actuators, solenoid valves, differential pressure switch, power light, and disconnect switch.



### Siemens S7-200

The Siemens PLC controls the backwash process and includes a display module mounted on the enclosure door (for making timer adjustments). PLC is housed in a NEMA 4 polyester coated carbon steel enclosure mounted to the filter frame. Backwash is initiated by a signal from the supplied differential pressure switch or the interval timer. Automation includes rotary actuators, solenoid valves, differential pressure switch, power light, and disconnect switch.



### Semi-Automatic

The semi-automatic design includes rotary actuators, solenoid valves, differential pressure switch and a terminal strip for wiring to the customer's control system. The enclosure is polyester coated carbon steel and is mounted to the filter frame. Includes mode lights and selector switch (run/stop/backwash).

## Patented 3-way ball valves

To ensure positive sealing and maximum flow, our F-Series filters and AFC Multiplex Filters feature the industry's best 3-way ball valves. These important components – designed and manufactured by Ronningen-Petter exclusively for our systems – were developed specifically for the demands of industrial filtration. Their full-ported design reduces pressure drop and requires no additional linkages for actuation.

