Options

System and media sealing

A filtration system that leaks or allows process fluid bypass is not an effective system. Our sealing systems are designed to ensure that even with minimal training, your operators can easily obtain a perfect seal. We also offer a wide range of elastomer materials to meet the temperature, pressure, and chemical properties of your process stream.

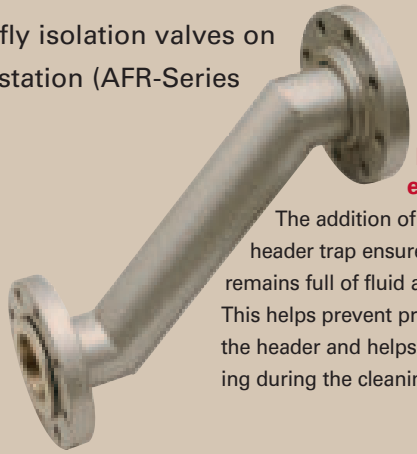
A total process perspective

When you choose Ronningen-Petter as your filtration partner for a backwashing/tubular system, you're choosing an expert. Not just in the science of filtration, but in how it can benefit your manufacturing process as a whole, and even help you meet specific production objectives. We consider not just the filter, but how it integrates into your entire process – and we can advise you on a wide range of impacts a filtration change can offer.

Wide range of available options

Ronningen-Petter backwashing/tubular systems can also be ordered with a wealth of custom options to precisely match your application and business demands. Examples include:

- ASME code vessels
- Electropolished interiors for food-grade applications
- Quick couplers on inlet and outlet of body tubes for easy removal
- Back-to-back station configuration to reduce overall footprint (available on multiplex units with four or more stations)
- Complete 304 or 316 stainless steel construction (for sanitary and other applications)
- Butterfly isolation valves on each station (AFR-Series only)

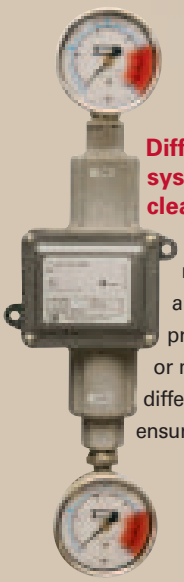


Drain header trap for efficient backwashing

The addition of a simple, optional drain header trap ensures the backwash manifold remains full of fluid after a cleaning cycle. This helps prevent process fluid from drying in the header and helps minimize water-hammering during the cleaning cycle.

Diffusers optimize cleaning

For challenging solids removal, Ronningen-Petter offers two styles of backwash diffusers to effectively distribute backwash flow and ensure removal of all contaminants from the filtration media.



Differential pressure system for optimum cleaning timing

When your application needs to be triggered by a pre-determined differential pressure (as opposed to time or manually), an optional differential pressure sensor ensures precise, reliable control.