

Automatic Self-Cleaning Filter | RF12

Introduction

The back-flushing filter AutoFilt® RF12 operates automatically and is designed to meet the requirements of compact, high-performance machine tools. Whereas the effectivity and performance of conventional automatic filters are determined to a large extent by the pressure difference present between the filter outlet and back-flushing line, the AutoFilt® RF12 is characterized by its complete independence from this pressure difference. The AutoFilt® RF12 is impressive due to its highly efficient back-flushing mechanism based on conical JetFlush-technology, and is only dependent on the inlet pressure.

Advantages

- Energy optimized filtration and back-flushing principle
- Independent of filtrate pressure
- Highly efficient back-flushing mechanism based on conical JetFlush-technology
- Compact design
- Simple structure
- Simple integration and flexible adaptation to the machine
- Maintenance friendly design



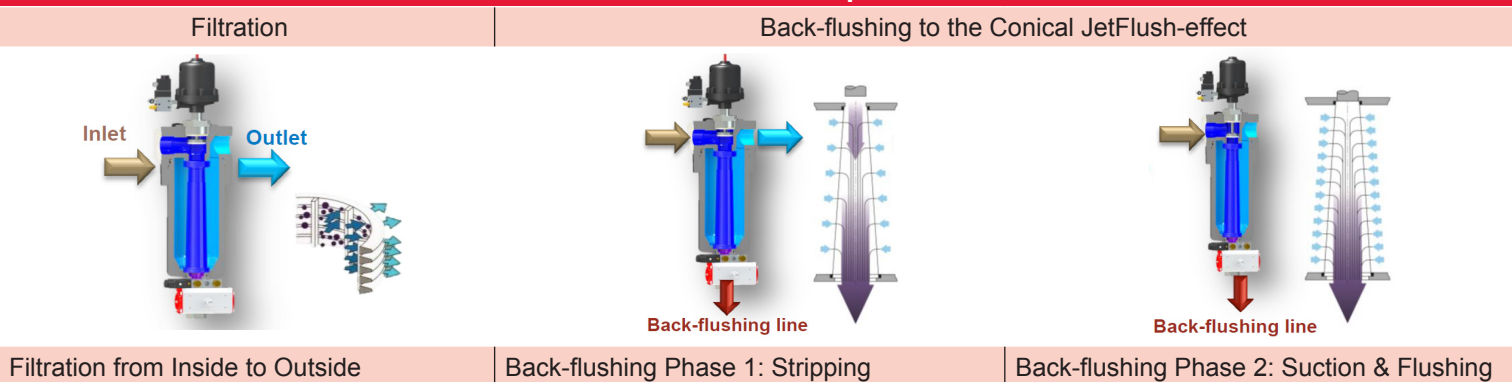
Area of Application

- Separation of solid particles from low viscosity fluids
- Discontinuous filtration
- Filtration of cooling lubricant in low-pressure range

System Specifications

Filtration Rating:	25 to 100 µm
Max. Operating Pressure:	150 psi (10 bar)
Max. Flow Rate:	21 gpm (80 L/min)
Required Inlet Pressure:	min. 10 psi (0.7 bar)

Functional Principle



Schroeder
INDUSTRIES

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