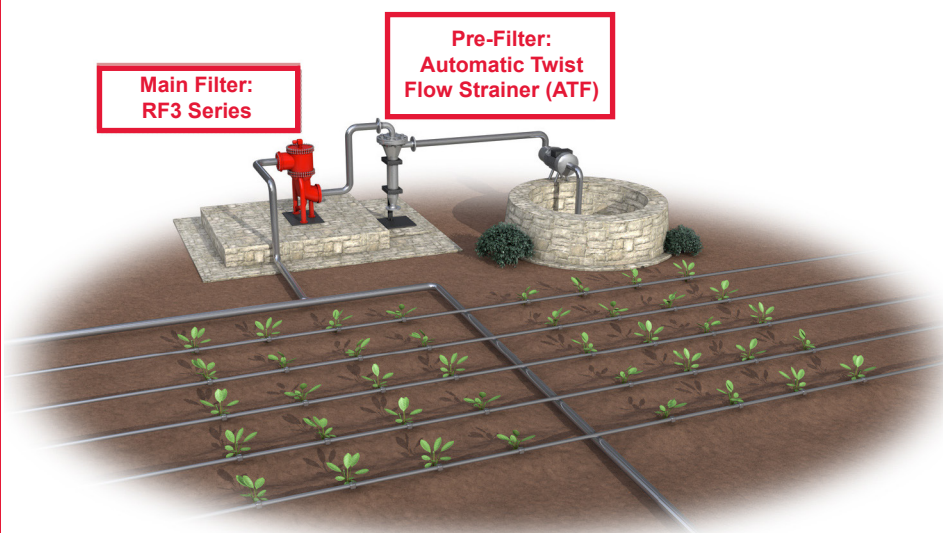


Automatic Self Cleaning Strainers For Component Protection in Irrigation Systems

Introduction

Irrigation, supplying agricultural crops with water, is used to promote the growth of plants and replace missing rain during dry periods. With climate change causing extreme weather conditions, irrigation technology is becoming increasingly important worldwide.



Features

- Self-cleaning system
- Fully automatic function
- Efficient and reliable separation of solids
- Patented conical element shape is more efficient
- Minimal back-flushing volume
- Reduced costs for operation and maintenance
- Compact design – ideal for retrofitting
- Variable housing configuration
- Ready-to-operate unit

Why You Need Filtration

The water used for irrigation derives from various water sources such as wells, water recovery systems, sea water or river water. Depending on the water source the irrigation source regularly contains impurities such as algae, mud, sand, sediment or silt.

Benefits of Filtration

Automatic back-flushing filters have been highly successful in ensuring an efficient operating system with their flow-optimized design. Schroeder backflushing filters are distinguished in particular by their conical filter element, allowing an even flow and back-flushing function. This means our filters are cleaned independently without interrupting the ongoing filtration operation, adding up to **optimal filtration** of your irrigation system.

Their robust design, specially developed for retrofitting, makes installation in both existing and new systems **fast** and **cost-effective**.

Dangers of not using Filtration

- Failure of valves
- Failure of pump
- Clogging of nozzles
- Deterioration of the system performance to complete system failure

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