INDUSTRIAL WATER INNOVATIONS

Designed, Machined, and Assembled in the USA

Automatic Self-Cleaning Disc Filter Technology

Maintaining a clean cooling tower is vital for the performance and thermal efficiency of the system and reduces the environment where bacteria and algae thrive.

Industrial Water Innovations selected a filter with a disc design which doesn't require constant maintenance. The filter operates via hydraulic pressure and is controlled by programmed setpoints in the control unit for automation of the backwash cleaning cycle. It is ideal for applications where traditional bag or basket filters require manual cleaning too frequently or is too cumbersome.

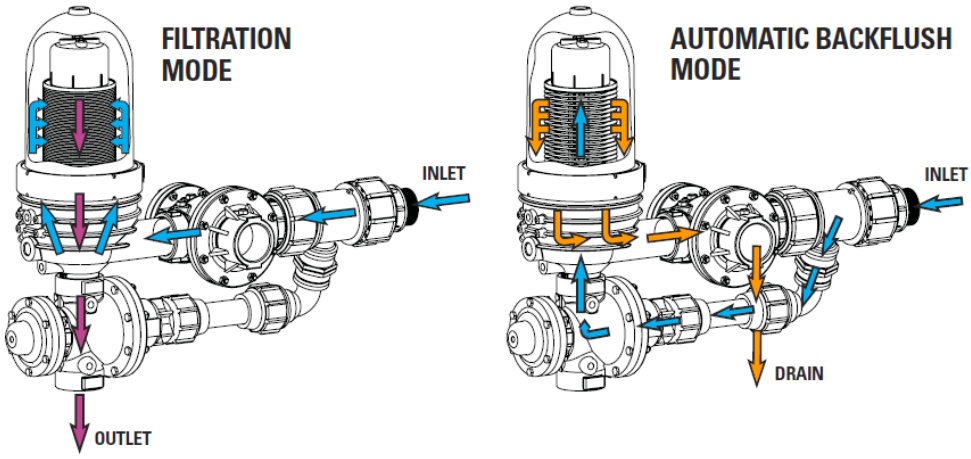
It can also be applied for irrigation systems, commercial pools or ponds and to filter sand from wells or water supply.

- Provides high efficiency filtering
- Made of non-corrosive materials
  - Flush Valves – Plastic
  - Seals - Nitrile Rubber EPDM
  - Filter and Spine – Polypropylene
  - Discs – Polypropylene
  - Clamps and Screws – Stainless Steel
- Minimum Allowable PH – 5
- Available in 80, 120 or 140 mesh

HOW IT WORKS

As dirty water is pumped into the filter, and pressure increases, the water compresses the disc rings together tightly. The water is then forced to flow through the grooves of the disc rings form a network where debris is trapped, releasing only clean water to the system.

During Backwash, the discs separate, and nozzles spray the discs with clean water - inside and out, removing debris.



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