



Automatic Filtration



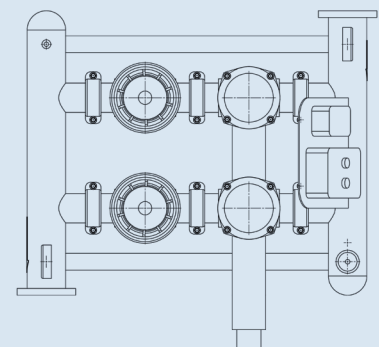
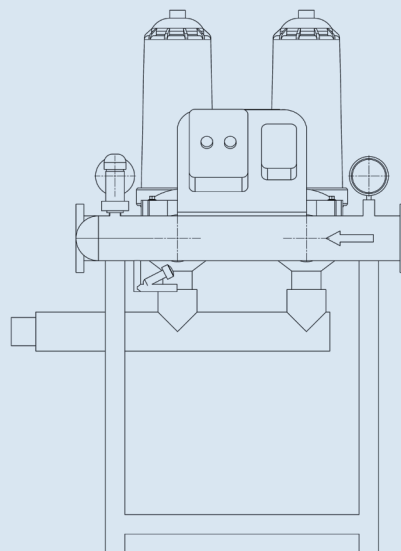
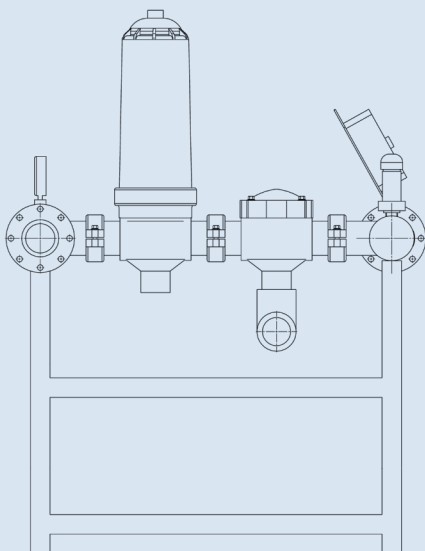
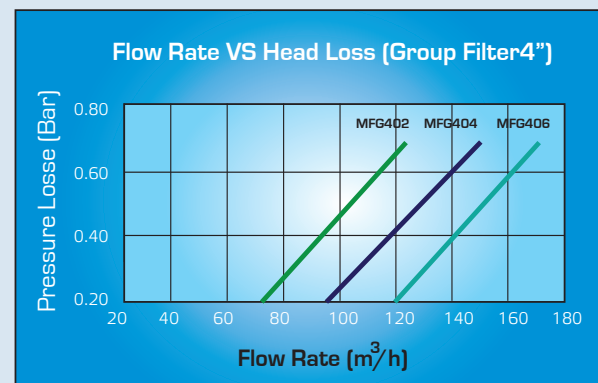
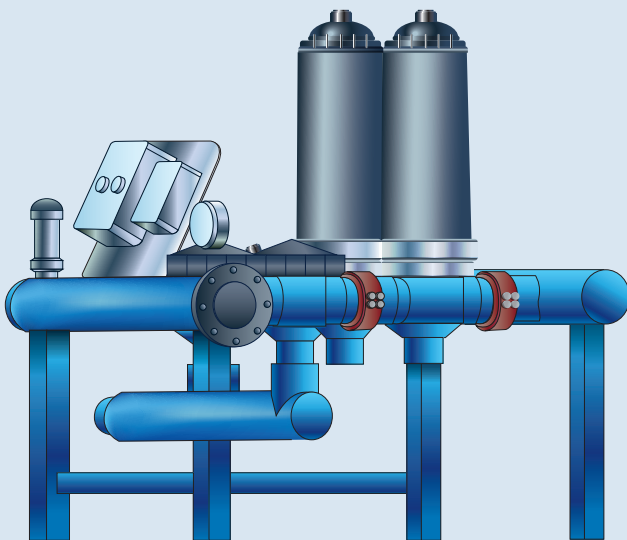
Automatic Filtration Backwash

FEATURES

- Self-cleaning
- Manufactured from chemical resistant material & fiber reinforced plastic.
- With a longer spine assembly and larger discs, the Mais Filter has a 25% larger filtration area than some competitive filters.
- Quick and easy installation.
- Less pressure required for cleaning.
- Filter discs are available in various filtration grades (filters 120 Mesh).
- Reducing pump size & energy costs.
- Agriculture, Landscape and Nursery applications, Vineyards and orchards, Industrial sites.

SPECIFICATION

Description	Materials
Filter body	Reinforced polypropylene/ Reinforced polyamide
Clamp	S.S. Stainless steel
Disc set	(Element retaining ring) : Reinforced polypropylene
Spine	Reinforced polyamide
Rubber	Polycarbonate



Automatic Filtration Backwash

Double Twin Filter

FEATURES

- Manufactured from chemical resistant material & fiber reinforced plastic.
- With a longer spine assembly and larger discs, the Mais Filter has a 25% larger filtration area than some competitive filters.
- Quick and easy installation.
- Less pressure required for cleaning.
- Reducing pump size & energy costs.
- Recycled water for irrigation.

The plastic Filter is best suited for applications with surface water where the main contaminants are light particles, like algae and other organic matter commonly found in canals, rivers and reservoirs.

Can be BSP threaded or Victaulic.

Can be 2", 3" and 4"

Manual, Semi Automatic & Automatic back washing.

SPECIFICATION

Description	Materials
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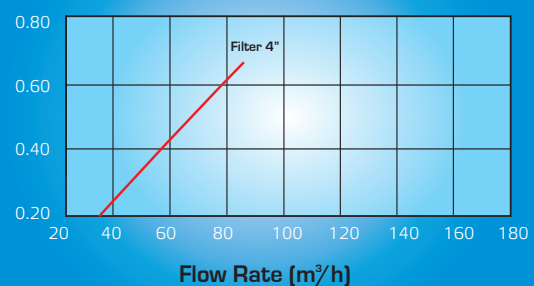
SIZE	Filtration Grade	Model	Max. Pressure	Max. Flow
4"	130 Micron 120 Mesh	400	6 Bar	60 m ³ / Hr



APPLICATIONS:

- Agricultural
- Industrial

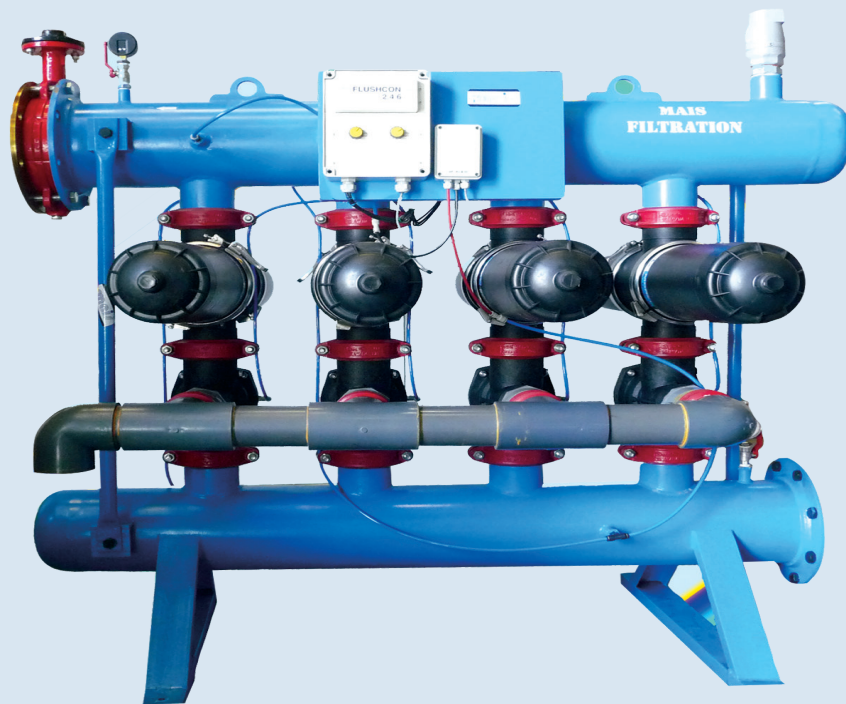
Flow Rate VS Head Loss (Group Filter 4")



Rotation between friction loss & Flow rate

TECHNICAL DATA

Flow Rate (m ³ /Hr)	10	20	30	40	50	60
Head Loss (Bar)	0.4	0.6	0.8	1.0	1.2	1.4



Flow Rate VS Head Loss



Backwash Control Valve

- **Description**

Backwash Control valves are the 3-way control valves which are operated by line pressure or an external pneumatic pressure. Diaphragm-pilot valve assembly works as functioning in two valve operations (Normal Filtration Flow and Backwash Flow).

- **Valve Operation**

- **Normal Filtration Flow:**

The valve inlet is open and allows the passage of water from the pump to the filter. And in these case the Drain outlet is close.

- **Backwash Flow:**

The valve inlet is closed and allows the passage of water from filter to drain outlet. The valve inlet opening is close.



Available Sizes:

4" x 3" x 4"

3" x 2" x 3"

Plastic Disc Filter

SIZE	Filtration Grade	Model	Max. Pressure	Max. Flow
2"	130 Micron 120 Mesh	200	6 Bar	15 m3/ Hr
3"	130 Micron 120 Mesh	300	6 Bar	30 m3/ Hr

ADVANTAGES

- Excellent Performance
- Easy Cleaning
- U.V. Resistant
- Easy Installing

ADAPTORS to use with

- NPT and VICTAULIC
- 2" BSP Female x 2" NPT Male
- 2" BSP Female x 2" Victaulic
- 3" BSP Female x 3" NPT Male
- 3" BSP Female x 3" Victaulic

USAGE

- Agriculture
- Industry



In Line Disc Filters

SIZE

- Disc Filter 1" Large
- Disc Filter 1" Small
- Disc Filter 3/4" Large
- Disc Filter 3/4" Large

ADVANTAGES

- Easy Cleaning
- Easy Installing
- U.V. Resistant

USAGE

- Gardens
- Plastic Houses
- Green Houses
- Landscaping



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