

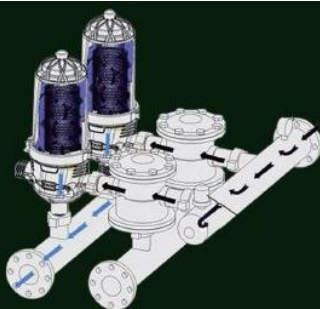
PRODUCTS

Automatic Backflushing Disc Filtering System



Advantages

- High safety performance and durability
- High working efficiency and easy maintenance
- Minimal water, wide filtering surface
- Low maintenance cost, compressive resistance
- More saving water and energy



Filtration Stage

It generates a centrifugal helical effect which is made the in-depth filtration progress, and moves away the particles from discs in the water.



Backflushing Stage

The filtered water is introduced in the opposite direction through the filtering element structure, decompressing the stack of discs and making the backflushing. The particles expelled from the discs are evacuated by the drainage manifold. The filtration stage being starts with the second compression of the discs .

Characterisitc

- The filtering accuracy can be chosen according to the requirements of different specification.
- The disc filter optimizes the filtration performance and makes the in-depth filtration process.
- By centrifugal design is more saving water and lower maintenance costs than the traditional disc filter.
- The exchangeability of filter elements and interfaces guarantee the diversity of mixed system.
- The compact assembled systems can be saved the floor space.
- The automatic disc filtration adopts the hydraulic drive without external power and starts the system at any time according to the time and pressure difference.
- The filtration and backwashing process can be made simultaneously. The losses of pressure and flow which generated will be reduced by the auto maintenance.
- The pipelines which have adopted the corrosion of carbon steel pipe, stainless steel or reinforced polyamide with fiberglass is more durable and beautiful.
- Easy operating by compatible with many kinds of controller
- It is effective to the different kinds of suspended impurities.
- It can prevent irrigation system congestion effectively and improve Irrigation efficiency.





Technical data

Model	Unit	Inlet pipe	Max pressure	Max flow
A202-3Z	2x2"	3"	10bar	50m ³ /h
A203-4Z	3x2"	4"	10bar	80m ³ /h
A302-4Z	2x3"	4"	10bar	64m ³ /h
A303-4Z	3x3"	4"	10bar	100m ³ /h
A304-6Z	4x3"	6"	10bar	128m ³ /h
A305-6Z	5x3"	6"	10bar	160m ³ /h
A306-8Z	6x3"	8"	10bar	192m ³ /h
A403-6Z	3x4"	6"	10bar	144m ³ /h
A404-6Z	4x4"	6"	10bar	192m ³ /h
A405-6Z	5x4"	6"	10bar	240m ³ /h
A406-8Z	6x4"	8"	10bar	288m ³ /h
A407-8Z	7x4"	8"	10bar	336m ³ /h
A408-8Z	8x4"	8"	10bar	384m ³ /h
A409-10Z	9x4"	10"	10bar	432m ³ /h
A41 0-10Z	10x4"	10"	10bar	480m ³ /h