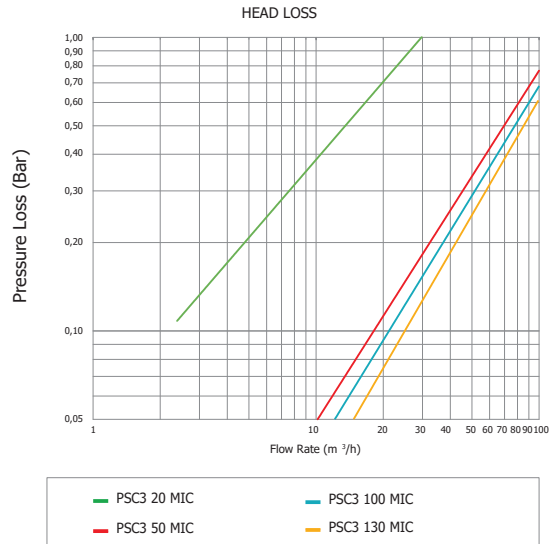


## Plastic Automatic Self Cleaning Disc Filters



### DISC PSC

#### GENERAL CHARACTERISTICS

- Body Material: PA6GFR30
- Cartridge Material: PP (Disc)
- Maximum Working Pressure: 8 Bar (116 PSI)
- Minimum Working Pressure: 2 Bar (29 PSI)
- Maximum Working Temperature: 60 °C/ 140 °F
- Back Flush Operation Criteria: Time And / Or Pressure Differential
- Back Flush Controlling Unit: Electronic (AC/DC) Control
- Filtration Degree: 20-50-100-130 Micron
- Filter Cartridge: D: Disc Cartridge

CODE	D	M	T	D1	H	K	Flow Rate		Filter Surface Area	Weight
	inch	inch	inch	mm	mm	mm	m³/h	Usgpm	cm²	kg
PSC2	2	1/4	3/4	190	750	335	20	88	1550	9,6
PSC25	2½	1/4	3/4	190	750	335	25	110	1550	9,7
PSC3	3	1/4	3/4	190	750	335	25	110	1550	9,8

Automatic Backflush Operation for Self-Cleaning Filter Systems;  
 Back flush operations starts by sensing pre-defined pressure differential and changing water flow direction by a 3 ways valve. The high downstream pressure accumulated by the water which has flow direction changed while its passing from inside to outside of the filter will overcome the suppression force which press discs down and release discs. Water direction is also moves tangential to discs by that discs start a circular movement and partides which sticks on the surface will be removed and discharged.

