

Galaxy Polymer

Filtration Batteries

Features

- Precise filtration with Spin Klin technology
- Automatic filtration for high flow rates
- Continuous flow during backwash
- Plastic parts - corrosion free
- Highly durable filter element
- Lightweight, compact design
- Simple and reliable operation



Technical Data

	METRIC		US	
Max. pressure	bar	10	psi	145
Min. backwash pressure	bar	2.8	psi	40.6
Filtration surface area per unit	cm ²	4,400	in ²	680
Filtration volume per unit	cm ³	6,600	in ³	410
Backwash water volume per unit	lit	165	gal	44

Maximum Filtration Flow Rate / Water Quality

No. of units		3	4	5	6	7	8	3	4	5	6	7	8
Filtration Grade	Water Quality	m3/h						gpm					
400-130 μ	Good	300	400	500	600	700	800	1320	1760	2200	2640	3080	3520
	Average	225	300	375	450	525	600	990	1320	1650	1980	2310	2640
	Poor	150	200	250	300	350	400	660	880	1100	1320	1540	1760
	Very Poor	100*	130	160	200	230	260	435*	580	725	870	1015	1160
100-70 μ	Good	270	360	450	540	630	720	1190	1585	1980	2375	2770	3165
	Average	205	270	340	410	480	550	900	1200	1500	1800	2100	2400
	Poor	135*	180	225	270	315	360	600*	800	1000	1200	1400	1600
	Very Poor	90**	120	150	180	210	240	400**	530	660	790	920	1050
55-40 μ	Good	170	225	280	335	390	445	750	990	1235	1480	1725	1970
	Average	125*	165	210	255	300	345	555*	740	925	1110	1295	1480
	Poor	85**	110*	140	170	200	230	370**	490*	615	740	865	990
	Very Poor	60**	80**	100*	120*	140	160	260**	340**	430*	520*	610	700
20 μ	Good	N/A***	N/A***	140	170	200	230	N/A***	N/A***	630	745	870	995
	Average	N/A***	N/A***	105*	125*	150	175	N/A***	N/A***	475*	565*	660	755
	Poor	N/A***	N/A***	70**	85**	100*	115*	N/A***	N/A***	310**	370**	435*	500*
	Very Poor	N/A***	N/A***	50**	60**	70**	80**	N/A***	N/A***	220**	260**	315*	350*

Higher flow rates available with additional unit design

* External source for backwash is necessary

** When pressure is low, it is necessary to close downstream valve during backwash

*** The 3" Spin Klin Battery is recommended



Disk



Screen



Hydrocyclone



Media

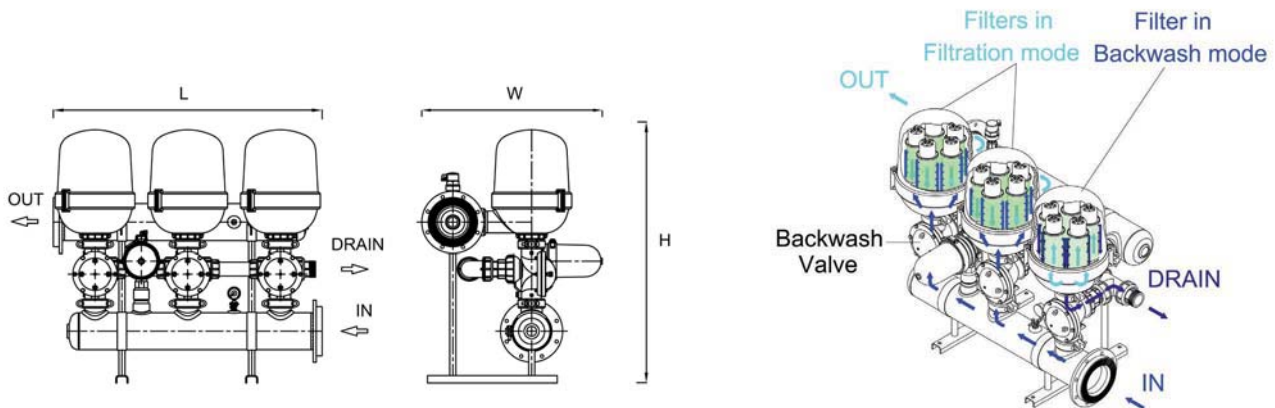
Irrigation disc filtration spin Klin

Galaxy Polymer

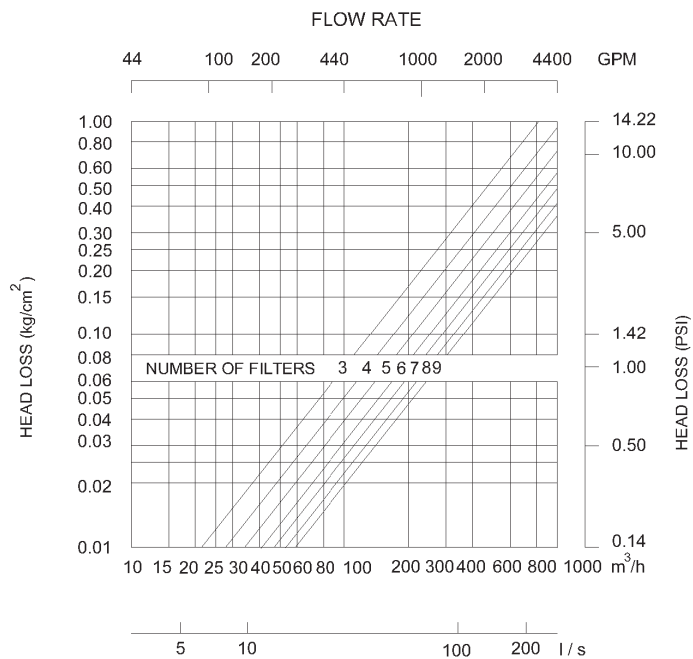
Filtration Batteries

Dimensions and Weights

		3	4	5	6	7	8		3	4	5	6	7	8
D Inlet/Outlet diameter	mm	225	280	280	315	315	355	inch	8	10	10	12	12	14
L Length	mm	1450	1950	2450	1450	1950	1950	inch	57	77	96	57	77	77
H Height	mm	1405	1405	1405	1405	1405	1405	inch	55	55	55	55	55	55
W Width	mm	830	900	970	1450	1450	1510	inch	33	35	38	57	57	59
Shipping weight (approx.)	kg	290	370	485	610	720	912	lbs	638	814	1067	1342	1584	2006



Head Loss Chart, Clean State



GALAXY Polymer batteries are available with:
Non Corrosive material valves