



SINGLE 3"



DUAL 4"



TRIO 6"



SINGLE XL 3 3/4"



DUAL XL 6"



TRIO XL 8"

APPLICATIONS

- Primary or secondary automatic filter for maximum protection in systems irrigating with surface water that contains algae and other organic matter such as reservoirs, canals, rivers and wastewater applications

FEATURES

- High efficiency, precise depth filtration - Unique and improved disc design with precise filtration grade through all depths of the disc for better clogging protection
- High dirt-holding capacity - High filtration volume and area, coupled with lowest head loss in the industry, ensures higher particles capture, fewer backflush cycles, and less downstream disruption
- Hyper modular - Unique modular design offers easy scalability as your needs evolve
- Low backflush flow rate and low head loss – Results in a significantly more cost-effective irrigation system
- AlphaDisc™ smart controller - Innovative controller with “always on” access to filtration data; IP65 rating
- Smaller footprint - Vertical installation for a well-designed, more cost-effective irrigation room
- Multiple configurations - Inline, online and angle configurations – can be easily adapted to any system configurations
- Durable and long-lasting product – Made from anti-corrosive materials

RECOMMENDED FLOW RATE

		3" FL Single					3" FL Single XL					4" FL Single XL					6" FL Duo XL					8" FL Trio XL				
		Excellent	Good	Average	Poor	Very Poor	Excellent	Good	Average	Poor	Very Poor	Excellent	Good	Average	Poor	Very Poor	Excellent	Good	Average	Poor	Very Poor	Excellent	Good	Average	Poor	Very Poor
200 MIC/ 80 Mesh	GPM	220	198	176	154	132	352	317	282	246	211	480	432	384	336	288	960	864	768	672	576	1440	1296	1152	1008	864
130 MIC/ 120 Mesh	GPM	220	193	165	138	110	352	308	264	220	176	480	420	360	300	240	960	840	720	600	480	1440	1260	1080	900	720
100 MIC/ 140 Mesh	GPM	220	187	154	121	88	352	299	246	194	141	480	408	336	264	192	960	816	672	528	384	1440	1224	1008	792	576

[Additional Information](#) 



TECHNICAL SPECIFICATIONS

	Minimum Backflush Pressure (PSI)	Backflush Flow Rate (GPM)	Connection Size & Type	Backflush Manifold Connection & Type	Max Operating Pressure (PSI)	Weight (LB)
3" FL Single	22	32	3" FL	3" FL	145	118
3" FL Single XL		57	3" FL			126
4" FL Single XL		57	4" FL			129
6" FL Duo XL		57	6" FL			279
8" FL Trio XL		57	8" FL			401

MATERIAL COMPOSITIONS

Filter Housing and Lid	RPA (Reinforced Polyamide)
Discs	PP (Polypropylene) or PA (Polyamide)
Cleaning Mechanism	All Polymeric
Exhaust Valve	All Polymeric
Seals	EPDM
Operating Temperature	5-60 C (40-140 F)

HEAD LOSS

