

Galaxy Disc-Kleen Filter

APPLICATIONS

- For surface water containing algae and other organic materials such as reservoirs, canals, rivers and reclaimed water applications
- Residential and multi-family developments
- Commercial landscapes, institutional parks, sports fields
- Golf courses

SPECIFICATIONS

- Maximum operating pressure: 140 psi
- Minimum pressure required for backflush: 40 psi downstream of filters during backflush
- Maximum operating water temperature: 158° F
- Minimum allowable pH: 5
- Minimum operating pressure for filtration: 20 psi
- Backflush flow rate @ 40 psi: 175 GPM

MATERIALS

- Manifold: High density polypropylene
- Filter body and cover: Glass reinforced polyamide
- Discs: Polypropylene
- Backflush Valve: Plastic with reinforced polyamide
- Drain Manifold: 4" grooved connection
- Seals: Nitrilo rubber, EPDM

Industry's most compact filter



FEATURES & BENEFITS

Proven disc technology depth filtration

Provides highly effective filtering.

Proven depth filtration

Filters through the entire depth of the disc ring, not just at the surface (as screen filters do).

Made of non-corrosive materials

Prevents rusting and corrosion from chemicals and weather.

Quick installation

Factory assembled and tested. Delivered ready for hook-up for immediate operation.

Small footprint

Saves valuable space.

Less backflush water and time required

Optimizes irrigation scheduling for uniform watering.

Backflush controllers included and available in AC (standard) or DC models

AC model uses 110VAC power. DC model uses 2 - 9VDC lithium batteries (PP3).

Galaxy Disc-Kleen Filter

Yellow

Red

3lack



Water Quality Maximum Flow Rate (GPM)

80 Mesh Water Source Maximum Flow Rate (GPM)

Water Quality	3 Units	4 Units	5 Units	6 Units	7 Units	8 Units	9 Units	10 Units
Good	1,200	1,600	2,000	2,400	2,800	3,200	3,600	4,000
Average	1,125	1,500	1,875	2,250	2,625	3,000	3,375	3,750
Poor	940	1,250	1,550	1,850	2,150	2,450	2,750	3,100
Very Poor	600	800	1,000	1,200	1,400	1,600	1,800	2,000

120 Mesh Water Source Maximum Flow Rate (GPM)

Water Quality	,	3 Units	4 Units	5 Units	6 Units	7 Units	8 Units	9 Units	10 Units
Good		1,200	1,600	2,000	2,400	2,800	3,200	3,600	4,000
Average	9	1,100	1,460	1,825	2,200	2,560	2,950	3,300	3,650
Poor		884	1,179	1,474	1,769	2,064	2,358	2,655	2,950
Very Poo	r	541	722	902	1,082	1,263	1,443	1,623	1,804

140 Mesh Water Source Maximum Flow Rate (GPM)

Water Quality	3 Units	4 Units	5 Units	6 Units	7 Units	8 Units	9 Units	10 Units
Good	1,200	1,600	2,000	2,400	2,800	3,200	3,600	4,000
Average	900	1,300	1,650	1,980	2,310	2,640	2,970	3,300
Poor	660	880	1,100	1,320	1,540	1,760	1,980	2,200
Very Poor	436	581	726	871	1,016	1,162	1,310	1,454

Water Quality

- Good Water Quality: Municipal water supply or well water from a clean aquifer with no sand, iron or manganese.
- Average Water Quality*: Wells with small amounts of sand (< 2 ppm) or clean surface water which includes lakes, ponds, reservoirs and canals.
- Poor Water Quality*: Well water from a poor quality aquifer (> 2 ppm) or surface water in hot climates with increased biological growth and no chemical treatment which includes lakes, ponds, reservoirs and canals.
- Very Poor Water Quality*: Well water with greater than 10 ppm of sand including rivers, muddy canals, lakes and ponds with severe run off deposits and raw municipal wastewater.

* Water with > 3 ppm of sand will require a pre-filter to reduce the sand load.



Galaxy Disc-Kleen Filter Flow Rate vs. Pressure* (psi)



* When the filter is in a clean state.



Backflush controller functions by digital pressure differential gauge and/or time.





Side View

Galaxy Disc-Kleen Filter Flow Rate vs. Pressure Loss (psi)

Flow Rate (GPM)	400	600	800	1000	1200	1500	2000	2400	2800	3200	3800
Pressure Loss (psi)											
Galaxy 3-Unit	1.2	1.6	3	5	6						
Galaxy 4-Unit		1.4	2	3.4	4	5					
Galaxy 5-Unit				1.5	2.2	3.2	5	6			
Galaxy 6-Unit					1.4	2	3.5	4	4.5		
Galaxy 7-Unit						1.2	1.5	2.5	3.5	4	
Galaxy 8-Unit							1.2	1.4	1.6	2	3
Galaxy 9-Unit								1	1.2	1.4	1.6
Galaxy 10-Unit								0.8	1	1.2	1.4

Dimensions

No. of Units 🛛 →	3	4	5	6	7	8	9	10
Length	72 ²⁷ /32″	88 ³ /16"	107 ⁷ /8"	127 ⁹ /16"	80 ⁵ /16"	80 ⁵ /16"	107 ⁷ /8″	107 ⁷ /8"
Width	34″	34″	34″	34″	55 ³ /4″	55 ³ /4″	55 ³ /4″	55 ³ /4″
Height	56″	56″	56″	56″	56″	56″	56″	56″
Weight* (lbs.)	640	820	1,070	1,345	1,590	2,010	2,380	2,590

*Approximate shipping weight.

Backflush controller not included in dimensions above.



3 Unit Front View

Galaxy Disc-Kleen Filter

Galaxy Disc-Kleen Filter Ordering Information

Number of Filters	Mesh	Mesh F Color	Model Number
	80	Yellow	DFAG03 - 080AC
3	120	Red	DFAG03 - 120AC
	140	Black	DFAG03 - 140AC
	80	Yellow	DFAG04 - 080AC
4	120	Red	DFAG04 - 120AC
	140	Black	DFAG04 - 140AC
	80	Yellow	DFAG05 - 080AC
5	120	Red	DFAG05 - 120AC
	140	Black	DFAG05 - 140AC
6	80	Yellow	DFAG06 - 080AC
	120	Red	DFAG06 - 120AC
	140	Black	DFAG06 - 140AC
	80	Yellow	DFAG07 - 080AC
7	120	Red	DFAG07 - 120AC
	140	Black	DFAG07 - 140AC
	80	Yellow	DFAG08 - 080AC
8	120	Red	DFAG08 - 120AC
	140	Black	DFAG08 - 140AC
	80	Yellow	DFAG09 - 080AC
9	120	Red	DFAG09 - 120AC
	140	Black	DFAG09 - 140AC
	80	Yellow	DFAG10 - 080AC
10	120	Red	DFAG10 - 120AC
	140	Black	DFAG10 - 140AC

*Filter includes backflush controller (110 VAC power). DC models available upon request.



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