



APPLICATIONS

- Greenhouses/Nurseries/Landscape/Industrial
- Wastewater
- Reuse/recycled/reclaimed water
- Spray tanks
- Wherever very effective removal of debris is required
- Works well as stand-alone units or combined to form filter batteries

FEATURES

- High capacity: collects debris along the depth of the discs, not just the surface like screen filters
- Low friction loss keeps system costs down
- Greater holding capacity of the rings vs. screen filters mean less frequent cleaning
- Corrosion and acid resistant
- Colour-coded for easy mesh identification
- Rings are easily removed for fast cleaning

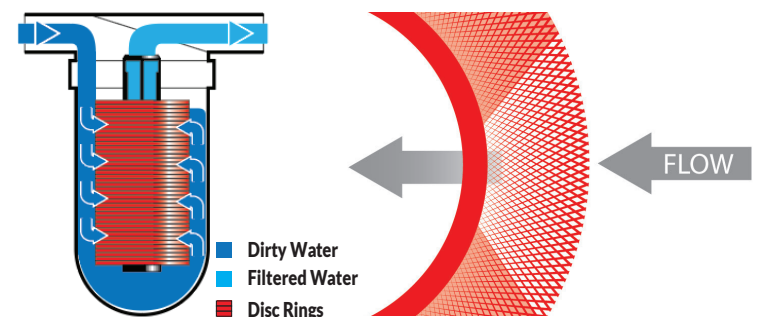
SPECIFICATIONS

- Disc Rings: Polypropylene
- O-Rings: EPDM Rubber
- Clamp: Stainless Steel (Lite filters are plastic)
- Filter Body and Cover: Reinforced Polyamide (Lite filters are Polypropylene)
- Temperature Range: -40° to 160° F
- Maximum Pressure: 115 and 174 psi



Mesh	Micron	Discolour
040	400	Blue
080	200	Yellow
120	130	Red
140	115	Black
200	55	Green

*Substitute *** in Model Number for proper mesh*



Continued 

3/4" Filter		1" Filter		1" Long Filter	
Flow Range	1-12 GPM	Flow Range	5-26 GPM	Flow Range	10-35 GPM
Max Pressure	140 psi	Max Pressure	140 psi	Max Pressure	140 psi
Filtering Surface Area	25 sq. in.	Filtering Surface Area	49 sq. in.	Filtering Surface Area	78 sq. in.
Filtering Volume	5.8 cu. in.	Filtering Volume	27 cu. in.	Filtering Volume	36 cu. in.
Length	5 22/32"	Length	9 11/32"	Length	13 13/32"
Width	7 15/32"	Width	6 7/32"	Width	6 7/32"
Weight	.66 lbs.	Weight	2.2 lbs.	Weight	3.11 lbs.
Distance Between Ends	6"	Distance Between Ends	6 7/32"	Distance Between Ends	6 7/32"
Inlet/Outlet Diameter	3/4" Male	Inlet/Outlet Diameter	1" Male	Inlet/Outlet Diameter	1" Male



1 1/2" Filter		1 1/2" Long Filter		2" Dual HP Filter	
Flow Range	10-35 GPM	Flow Range	10-52 GPM	Flow Range	40-120 GPM
Max Pressure	140 psi	Max Pressure	140 psi	Max Pressure	174 psi
Filtering Surface Area	49 sq. in.	Filtering Surface Area	78 sq. in.	Filtering Surface Area	147 sq. in.
Filtering Volume	27 cu. in.	Filtering Volume	36 cu. in.	Filtering Volume	75 cu. in.
Length	10 5/8"	Length	14 1/2"	Length	14 3/4"
Width	7 7/8"	Width	7 7/8"	Width	10 1/4"
Weight	2.4 lbs.	Weight	3.3 lbs.	Weight	11 lbs.
Distance Between Ends	7 7/8"	Distance Between Ends	7 7/8"	Distance Between Ends	10 1/4"
Inlet/Outlet Diameter	1 1/2" Male	Inlet/Outlet Diameter	1 1/2" Male	Inlet/Outlet Diameter	2" Male



FLANGED

GROOVED


Lite Filters


3 Angle Filter	
Flow Range	80-220 GPM
Max Pressure	140 psi
Filtering Surface Area	287 sq. in.
Filtering Volume	108 cu. in.
Length	24 7/8"
Width	12 3/32"
Weight	31 lbs.
Inlet/Outlet Diameter	3"

4" Twin Filter	
Flow Range	160-450 GPM
Max Pressure	140 psi
Filtering Surface Area	574 sq. in.
Filtering Volume	216 cu. in.
Length	47"
Width	13"
Weight	52.8 lbs.
Distance Between Ends	17 17/32"
Inlet/Outlet Diameter	4" Flanged

6" Twin Filter	
Flow Range	200-600 GPM
Max Pressure	140 psi
Filtering Surface Area	574 sq. in.
Filtering Volume	216 cu. in.
Length	47"
Width	13"
Weight	57.2 lbs.
Distance Between Ends	17 17/32"
Inlet/Outlet Diameter	6" Flanged

2" Dual Lite Filter	
Flow Range	40-110 GPM
Max Pressure	115 psi
Filtering Surface Area	147 sq. in.
Filtering Volume	75.7 cu. in.
Length	16 5/16"
Width	10 1/4"
Weight	6.6 lbs.
Distance Between Ends	10 1/4"
Inlet/Outlet Diameter	2" Male

3" Twin Lite Filter	
Flow Range	80-220 GPM
Max Pressure	115 psi
Filtering Surface Area	294.5 sq. in.
Filtering Volume	174 cu. in.
Length	28 3/4"
Width	9 14/32"
Weight	17 lbs.
Distance Between Ends	12 19/32"
Inlet/Outlet Diameter	3" Flanged

FILTER APPLICATION RECOMMENDATIONS

Flow Rate	Headloss (PSI)										
	3/4"	1"	1" Super	1 1/2"	1 1/2" Super	2" Dual HP	2" Dual Lite	3" Twin Lite	3" Angle	4" Twin	6" Twin
5	0.60	0.25									
10	2.50	0.60									
13	3.40	1.34									
17	5.87	2.10									
22		3.24	1.10	1.10							
26			1.50	1.30	1.50						
31			2.10	1.70	2.10						
35			2.50	2.30	2.50						
44					4.20	0.30	0.30				
66						0.63	0.63				
88						1.03	1.03	0.64	0.44		
110						1.47	1.47	0.98	0.58		
132								1.37	0.73		
154								1.80	0.88		
176								2.28	1.03		
198									1.32		
220									1.61		
242											
264											
286											
308										1.40	1.00
330										1.50	1.20
350										1.60	1.30
400										2.00	1.50
500											2.00
600											3.00

Chart Legend

Effluent (incomplete biological treatment) - rivers and canals (high biological load) reservoirs (hot climate, insufficient sedimentation)

Effluent (effective sedimentation, complete biological treatment) - rivers and canals (low biological load) reservoirs (cold climate, good sedimentation)

Municipal supply or well water (well maintained with no presence of iron or magnesium)

*The losses shown are for filters with 140 Mesh

2" Dual Lite and 3" Twin Lite Filters

- Polypropylene components for increased chemical resistance.
- Easy opening orange plastic clamp for access to the discs.
- More competitively priced than previous 2" and 3" models.

FILTERING VOLUME AND FILTERING SURFACE

Filter Size	3/4"	1"	1" Super	1 1/2"	1 1/2" Super	2" Dual HP	2" Dual Lite	3" Twin Lite	3" Angle	4" Twin	6" Twin
Filtering Volume (CU IN)	5.8	27	36	27	36	75	75	150	54	108	108
Filtering Surface (SQ IN)	25	49	78	49	78	148	148	291	287	574	574

ORDERING INFORMATION

Filter Size	Model #
3/4"	DF075-***
1"	DF100-***.SHORT
1" Long	DF100-***.LONG
1 1/2"	DF150-***.SHORT
1 1/2" Long	DF150-***.LONG
2" Dual HP	DF200-***
2" Dual Lite	DF200-***-LITE
3" Twin Lite	DF300-***-TWINLITE
3" Angle Flanged	DF300-***
4" Twin Flanged	DF400-***-TWIN
6" Twin Flanged	DF600-***-TWIN

*Substitute *** for proper mesh size