

F7050



Rivulis F7050 Plastic Disc Filters

- Disc filtration for increased filtration efficiency
- Ideal protection against algae and organic matter

Product Information

Rivulis F7050 | ¾" – 1½" Y Disc Filter

Technical Data	
Maximum working pressure	8 Bar (116 psi)
Maximum working temperature	60 °C (140°F)
pH Range	3 – 12
Housing and Lid	Polypropylene
Housing seal	NBR
Disc	Polypropylene



Rivulis F7050 | ¾" – 1½" Y Disc Filter

Rivulis F7050 | ¾" – 1½" Y Disc Filter | Product Specifications

Filter sizes	Connection Options	Filtration Grade	Filtration Area	Maximum Flow	Size	Weight
¾"	BSP, NPT	130µ	192 cm ²	5 m ³ /h	180x180x100 mm	0.39 kg
1"			192 cm ²	6 m ³ /h	180x180x100 mm	0.43 kg
1½"	BSP, NPT	130µ, 200µ, 400µ	334 cm ²	20 m ³ /h	250x220x120 mm	0.96 kg

Head Loss Chart

Filter Sizes	Head loss @130 micron (120 mesh)			
	2 m ³ /h	5 m ³ /h	10 m ³ /h	20 m ³ /h
	(8.8 GPM)	(22 GPM)	(44 GPM)	(88 GPM)
¾"	0.10 Bar (1.45 psi)	0.50 Bar (7.25 psi)		
1"	0.15 Bar (2.18 psi)	0.25 Bar (3.63 psi)		
1½"		0.10 Bar (1.45 psi)	0.20 Bar (2.90 psi)	0.50 Bar (7.25 psi)

Product Information

Rivulis F7050 | 2" – 3" T Disc Filter

Technical Data	
Maximum working pressure	10 Bar (145 psi)
Maximum working temperature	60 °C (140 °F)
pH Range	3 – 12
Housing and Lid	Polyamide fibre glass reinforced
Housing Seal	NBR
Filter Disc	Polypropylene



Rivulis F7050 | 2" – 3" T Disc Filter

Rivulis F7050 | 2" – 3" T Disc Filter | Product Specifications

Filter sizes	Connection Options	Filtration Grade	Filtration Area	Maximum Flow	Size	Weight
2"	BSP, NPT, Flange, Victaulic	130µ,	1225 cm ²	30 m ³ /h	630x350x225 mm	6.4 kg
3"		200µ, 400µ,	1756 cm ²	50 m ³ /h	750x350x225 mm	7.6 kg

Head Loss Chart

Filter Sizes	Head loss @130 micron (120 mesh)					
	10 m ³ /h	20 m ³ /h	30 m ³ /h	40 m ³ /h	50 m ³ /h	60 m ³ /h
	(44 GPM)	(88 GPM)	(132 GPM)	(176 GPM)	(220 GPM)	(264 GPM)
2"	0.03 Bar (0.44 psi)	0.12 bar (1.74 psi)	0.24 bar (3.19 psi)	0.37 bar (5.36 psi)		
3"	0.015 Bar (0.22 psi)	0.05 bar (0.73 psi)	0.1 bar (1.45 psi)	0.15 bar (2.18 psi)	0.2 bar (2.9 psi)	0.28 bar (4.06 psi)

Product Information

Rivulis F7050 | 3" – 4" Twin Disc Filter

Technical Data	
Maximum working pressure	10 Bar (145 psi)
Maximum working temperature	60 °C (140 °F)
pH Range	3 – 12
Housing and Lid	Polyamide fibre glass reinforced
Housing seal	NBR
Disc	Polypropylene



Rivulis F7050 | 3" – 4" Twin Disc Filter

Rivulis F7050 | 3" – 4" Twin Disc Filter | Product Specifications


Filter sizes	Connection Options	Filtration Grade	Filtration Area	Maximum Flow	Size	Weight
3"	BSP, NPT, Flange, Victaulic	100µ, 130µ, 200µ	2450 cm ²	50 m ³ /h	945x340x220 mm	9.05 kg
4"		Optional: 50µ - 300 mesh 80µ - 200 mesh	3512 cm ²	100 m ³ /h	1200x340x220 mm	11.7 kg

Head Loss Chart


Filter Sizes	Head loss @130 micron (120 mesh)									
	10 m ³ /h	20 m ³ /h	30 m ³ /h	40 m ³ /h	50 m ³ /h	60 m ³ /h	70 m ³ /h	80 m ³ /h	90 m ³ /h	100 m ³ /h
	(44 GPM)	(88 GPM)	(132 GPM)	(176 GPM)	(220 GPM)	(264 GPM)	(308 GPM)	(352 GPM)	(396 GPM)	(440 GPM)
3"	0.01 Bar (0.15 psi)	0.04 Bar (0.58 psi)	0.07 Bar (1.02 psi)	0.12 Bar (1.74 psi)	0.17 Bar (2.47 psi)	0.24 Bar (3.48 psi)	0.32 Bar (4.64 psi)			
4"		0.01 Bar (0.15 psi)	0.03 Bar (0.44 psi)	0.05 Bar (0.73 psi)	0.07 Bar (1.02 psi)	0.09 Bar (1.30 psi)	0.12 Bar (1.74 psi)	0.15 Bar (2.18 psi)	0.18 Bar (2.61 psi)	0.2 bar (3.19 psi)

Product List

Rivulis F7050 Manual Disc Filter Y Model						
Product Description	Connection Options	Available Filtration Grades	Filtration Area	Maximum Flow@130μ	Box Quantity	Box Dimensions & Weight
3/4"	BSP, NPT	130μ 200μ, 400μ	192 cm ²	5 m ³ /h	40	51x36x47 cm G.W: 17 kg
1"			192 cm ²	6 m ³ /h	40	
1½"			334 cm ²	20 m ³ /h	16	51x36x47 cm G.W: 16.0 kg



Rivulis F7050 Manual Disc Filter T Model						
Product Description	Connection Options	Available Filtration Grades	Filtration Area	Maximum Flow@130μ	Box Quantity	Box Dimensions & Weight
2"	BSP, NPT, Victaulic, Universal flange	100μ 130μ 200μ	1,225 cm ²	30 m ³ /h	1	64x36x24 cm G.W: 7.5 kg
3"		Optional: 50μ 80μ 400μ	1,756 cm ²	50 m ³ /h	1	76x36x24 cm G.W: 9 kg



Rivulis F7050 Manual Disc Filter Twin Model

Product Description	Connection Options	Available Filtration Grades	Filtration Area	Maximum Flow@130μ	Box Quantity	Box Dimensions & Weight
3" BSP	BSP, Victaulic, Universal flange	100μ, 130μ, 200μ	2,450 cm ²	50 m ³ /h	1	97x36x24 cm G.W: 14.0 kg
3" Universal flange			2,450 cm ²	50 m ³ /h	1	97x36x24 cm G.W: 15.0 kg
4" BSP			3,512 cm ²	100 m ³ /h	1	121x36x24 cm G.W: 17.0 kg
4" Universal flange			3,512 cm ²	100 m ³ /h	1	121x36x24 cm G.W: 18.0 kg



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