

F6150



Rivulis F6150 Plastic Screen Filter

- Optimized protection of your irrigation
- Ideal as primary filtration for small farms or back-up filtration in-field

Product Information

Rivulis F6150 | ¾" – 2" Y Screen 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
Screen	SS 304



Rivulis F6150 | ¾" – 2" Y Screen Filter

Rivulis F6150 | ¾" – 2" Y Screen Filter | Product Specifications

Filter sizes	Connection Options	Filtration Grade	Filtration Area	Maximum Flow	Size	Weight
¾"	BSP, NPT	130µ, 200µ	160 cm ²	5 m ³ /h	180x180x100 mm	0.31 kg
1"			160 cm ²	6 m ³ /h	180x180x100 mm	0.28 kg
1¼"	BSP, NPT	130µ, 200µ, 400µ	311 cm ²	15 m ³ /h	250x220x120 mm	0.7 kg
1½" Small			311 cm ²	20 m ³ /h	250x220x120 mm	0.7 kg
1½" Large			408 cm ²	25 m ³ /h	290x260x150 mm	1.0 kg
2"			408 cm ²	25 m ³ /h	290x260x150 mm	1.0 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	25 m ³ /h	35 m ³ /h	40 m ³ /h
	(8.8 GPM)	(22 GPM)	(44 GPM)	(88 GPM)	(110 GPM)	(154 GPM)	(176 GPM)
¾"	0.10 Bar (1.45 psi)	0.25 Bar (3.63 psi)					
1"	0.05 Bar (0.73 psi)	0.18 Bar (2.61 psi)					
1¼"&1½" Small		0.10 Bar (1.45 psi)	0.20 Bar (2.90 psi)	0.50 Bar (7.25 psi)			
1½" Large			0.05 Bar (0.73 psi)	0.20 Bar (2.90 psi)			
2"			0.30 Bar (4.35 psi)	0.13 Bar (1.89 psi)	0.18 Bar (2.61 psi)		

Product Information

Rivulis F6150 | 2" – 3" T Screen Filter

Technical Data	
Maximum working pressure	10 Bar (145 psi)
Maximum working temperature	60 °C (140 °F)
pH Range	3 – 12
Housing and Lid	Polypropylene
Housing seal	NBR
Filter Screen	SS 304



Rivulis F6150 | 2" – 3" T Screen Filter

Rivulis F6150 | 2" – 3" T Screen Filter | Product Specifications

Filter sizes	Connection Options	Filtration Grade	Filtration Area	Maximum Flow	Size	Weight
2"	BSP, NPT, Flange, Victaulic	50μ, 80μ, 100μ	1180 cm ²	30 m ³ /h	630x350x225 mm	4.8 kg
2" Large		130μ, 200μ, 420μ	1580 cm ²	30 m ³ /h	630x350x225 mm	4.8 kg
3" Short			1180 cm ²	40 m ³ /h	630x350x225 mm	4.8 kg
3" Large		1580 cm ²	50 m ³ /h	750x350x225 mm	5.7 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
	(44 GPM)	(88 GPM)	(132 GPM)	(176 GPM)	(220 GPM)	(264 GPM)
2" T	0.03 Bar (0.44 psi)	0.10 Bar (1.45 psi)	0.20 Bar (2.9 psi)	0.35 Bar (5.08 psi)		
2" Large	0.02 bar (0.288 psi)	0.05 bar (0.70 psi)	0.10 bar (1.51 psi)	0.14 bar (2.09 psi)		
3" T Short	0.02 Bar (0.29 psi)	0.05 Bar (0.73 psi)	0.10 Bar (1.45 psi)	0.15 Bar (2.18 psi)	0.25 Bar (3.63 psi)	
3" T Large	0.015 Bar (0.22 psi)	0.04 Bar (0.58 psi)	0.08 Bar (1.16 psi)	0.13 Bar (1.89 psi)	0.17 Bar (2.47 psi)	0.25 Bar (3.63 psi)

Product Information

F6150 | 3" – 4" Twin Screen Filter

Technical Data	
Maximum working pressure	10 Bar (145 psi)
Maximum working temperature	60 °C (140 °F)
pH Range	3 – 12
Housing and Lid	Polypropylene
Housing seal	NBR
Screen	SS 304



Rivulis F6150 | 3" – 4" Twin Screen Filter

Rivulis F6150 | 3" – 4" Twin Screen Filter | Product Specifications

Filter sizes	Connection Options	Filtration Grade	Filtration Area	Maximum Flow	Size	Weight
3"	BSP, NPT, Flange, Victaulic	130μ, 130μ, 200μ	2360 cm ²	50 m ³ /h	945x340x220 mm	6.11 kg
4" Short		Optional: 50μ 80μ 400μ	2360 cm ²	70 m ³ /h	960x340x220 mm	6.45 kg
4" Long			3160 cm ²	100 m ³ /h	1200x340x220 mm	7.9 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" H	0.01 Bar (0.15 psi)	0.03 Bar (0.44 psi)	0.06 Bar (0.87 psi)	0.09 Bar (1.30 psi)	0.14 Bar (2.03 psi)	0.19 Bar (2.76 psi)				
4" H Short		0.02 Bar (0.29 psi)	0.03 Bar (0.44 psi)	0.07 Bar (1.02 psi)	0.10 Bar (1.45 psi)	0.15 Bar (2.18 psi)	0.21 Bar (3.05 psi)	0.30 Bar (4.35 psi)		
4" H Long		0.01 Bar (0.15 psi)	0.02 Bar (0.29 psi)	0.03 Bar (0.44 psi)	0.04 Bar (0.58 psi)	0.06 Bar (0.87 psi)	0.08 Bar (1.16 psi)	0.10 Bar (1.45 psi)	0.13 Bar (1.89 psi)	0.16 Bar (2.32 psi)

Product List


Rivulis F6150 Manual Screen Filter Y Model

Product Description	Connection Options	Available Filtration Grades	Filtration Area	Maximum Flow@130μ	Box Quantity	Box Dimensions & Weight
¾" Screen Filter Y model, Threaded	BSP, NPT	130μ, 200μ, 400μ	160 cm ²	5 m ³ /h	40	51x36x47 cm G.W: 13.5 kg
1" Screen Filter Y model, Threaded			160 cm ²	6 m ³ /h	40	
1.5" Screen Filter Y model, Threaded			311 cm ²	20 m ³ /h	16	
2" Disc Screen Y model, Threaded			408 cm ²	25 m ³ /h	12	



Rivulis F6150 Manual Screen Filter T Model

Product Description	Connection Options	Available Filtration Grades	Filtration Area	Maximum Flow@130μ	Box Quantity	Box Dimensions & Weight
2" Screen Filter Short, T model, Threaded	BSP, NPT, Victaulic, Universal flange	100μ, 130μ, 200μ	1,180 cm ²	30 m ³ /h (132 GPM)	1	64x36x24 cm G.W: 6 kg
3" Screen Filter Short, T model, Threaded			1,180 cm ²	40 m ³ /h	1	
2" Screen Filter Long, T model, Threaded		Optional: 50μ, 80μ, 400μ	1,580 cm ²	30 m ³ /h	1	76x36x24 cm G.W: 7.5kg
3" Screen Filter Long, T model, Threaded			1,580 cm ²	50 m ³ /h	1	



Rivulis F6150 Manual Screen Filter T Model Small

Product Description	Connection Options	Available Filtration Grades	Filtration Area	Maximum Flow@130μ	Box Quantity	Box Dimensions & Weight
1½" Screen Filter T model small, Threaded	BSP, NPT	130μ, 200μ, 400μ	311cm ²	20 m ³ /h	15	64x42x3 6cm G.W: 12.5 kg

Rivulis F6150 Manual Screen Filter H Model

Product Description	Connection Options	Available Filtration Grades	Filtration Area	Maximum Flow@130μ	Box Quantity	Box Dimensions & Weight
3" Screen Filter Short, Twin model, Threaded	BSP, NPT, Universal flange	100μ, 130μ, 200μ Optional: 50μ, 80μ, 400μ	2,360 cm ²	50m ³ /h	1	97x36x24 cm G.W: 7.5 kg
3" Screen Filter Short, Twin model, Universal flanges			2,360 cm ²	50m ³ /h	1	97x36x24 cm G.W: 8.5kg
4" Screen Filter Short, Twin model, Threaded			2,360 cm ²	70m ³ /h	1	97x36x24 cm G.W: 7.5kg
4" Screen Filter Short, Twin model, Universal flanges			2,360 cm ²	70m ³ /h	1	97x36x24 cm G.W: 8.5 kg
4" Screen Filter Long, Twin model, Threaded			3,160 cm ²	100m ³ /h	1	97x36x24 cm G.W: 7.5 kg
4" Screen Filter Long, Twin model, Universal flanges			3,160 cm ²	100m ³ /h	1	121x36x24 cm G.W: 15 kg



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