

Rivulis F3100 Metal Screen Filter (Manual)

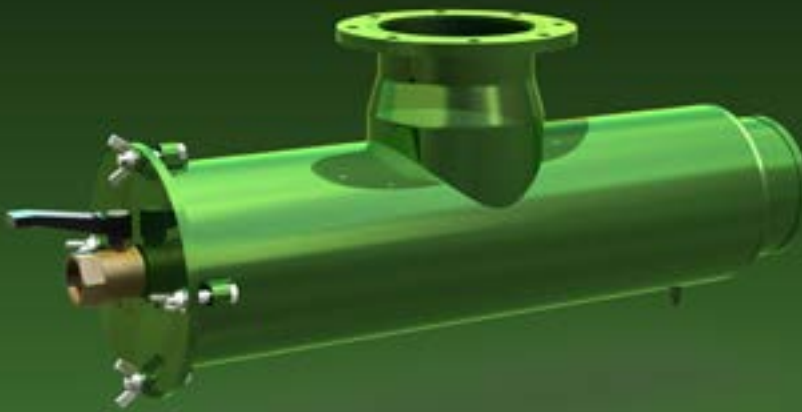
Operating Guidelines

Maximum working pressure: 8,0 bar

Maximum pressure: 10,0 bar

Product Information

Screen options: 130, 200, 400 micron



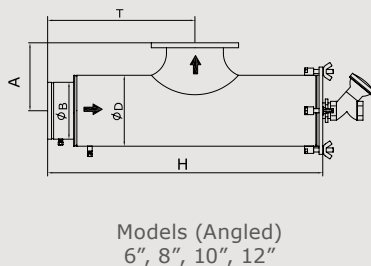
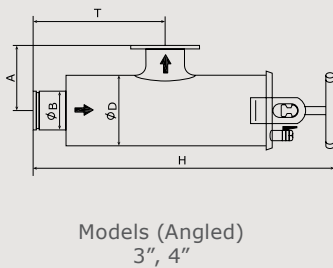
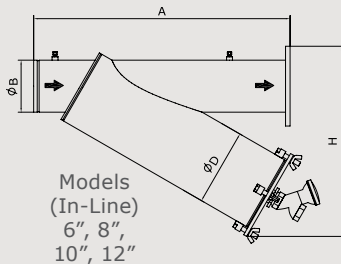
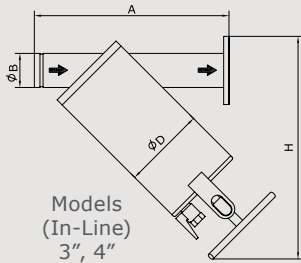
The Rivulis F3100 Metal Screen Filters (Manual) are excellent filtration choices for removing hard particulates from water, such as sand. Manual screen filters are designed to remove particles from the water by passing the water through an open area in the screen. The dirt particles are collected on the screen and are removed when the filter is opened and the screen is cleaned manually.

The F3100 Metal screen filters are used in conjunction with sand separators and media filter arrays as control filters or as back-up filters in the field. In general, the F3100 can be used with relatively clean well water.

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Product Dimensions & Weight

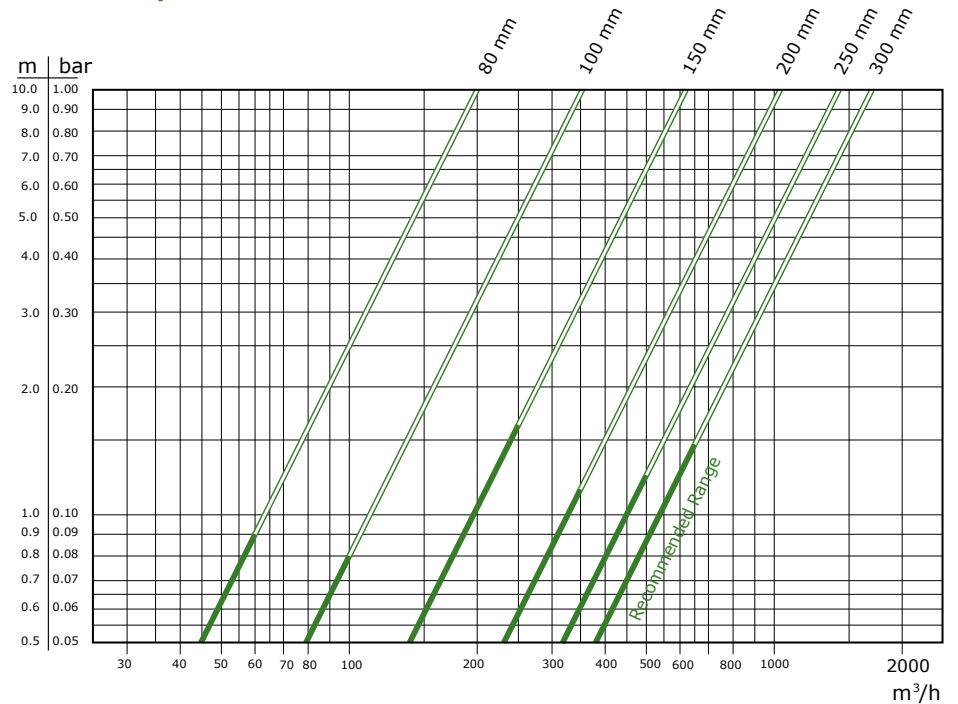
B (inch)	D (mm)	A (mm)	H (mm)	T (mm)	Weight (Kg)
(In-Line)					
3	200	540	600		26
4	200	565	600		27
6	250	750	765		53
8	300	1080	800		86
10	350	1290	825		110
12	400	1395	925		165
(Angled)					
3	200	215	680	310	26
4	200	255	680	310	27
6	250	292	820	460	45
8	300	292	1060	570	84
10	350	333	1115	610	105
12	400	308	1210	780	152



Product Head Loss Chart (bar)

Filter (Inlet)	Flow Rate m ³ /h																
	25	50	100	150	200	250	300	350	400	450	500	600	700	800	900	1000	
(inch)																	
Head Loss (Bar)																	
3	0,02	0,08	0,31	0,69	1,23												
4		0,02	0,08	0,18	0,33	0,51	0,73	1,00									
6				0,06	0,10	0,16	0,23	0,31	0,40	0,51	0,63	0,91					
8					0,04	0,06	0,08	0,11	0,15	0,18	0,23	0,33	0,44	0,6	0,76	0,94	
10							0,04	0,06	0,08	0,10	0,12	0,17	0,23	0,32	0,40	0,50	
12									0,05	0,07	0,08	0,12	0,17	0,22	0,28	0,35	

Head Loss/Flow Rate**



** For a clean filter and 400 micron screen.

Product Line Summary

Model (Inlet)		Body Choices	Connector Choices	Max. Flow Rate (m ³ /h)	Screen Choices (Micron)
(inch)	(mm)				
3	80	In-Line, Angled	BSP, ISO16, VIC, BSTD	60	130, 200, 400
4	100	In-Line, Angled	ISO16, VIC, BSTD	100	130, 200, 400
6	150	In-Line, Angled	ISO16, VIC, BSTD	250	130, 200, 400
8	200	In-Line, Angled	ISO16, VIC, BSTD	350	130, 200, 400
10	250	In-Line, Angled	ISO16, VIC, BSTD	500	130, 200, 400
12	300	In-Line, Angled	ISO16, VIC, BSTD	650	130, 200, 400

Note: The 400 micron screen is used as back up filter after media filters.