

Rivulis F7000 Plastic Disc Filter



Operating guidelines

Maximum working pressure:

8,0 (available only in 2" filters), 10,0 bar



F7000 Plastic Disc Filter (1")



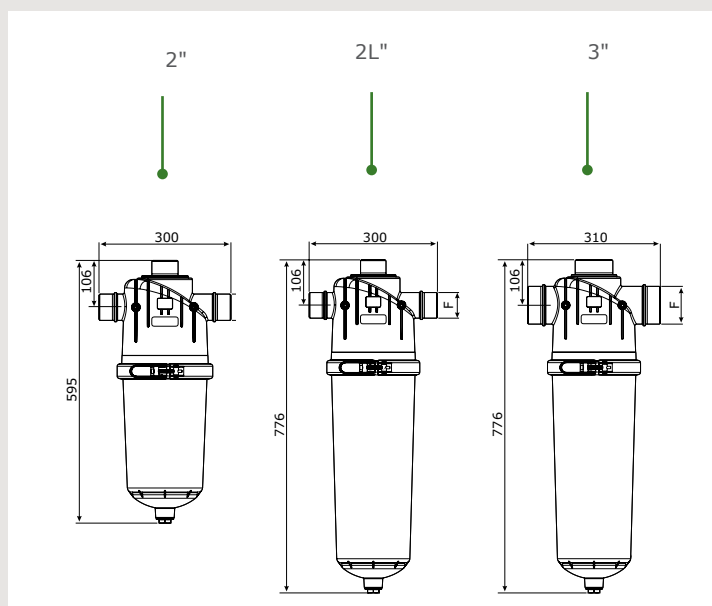
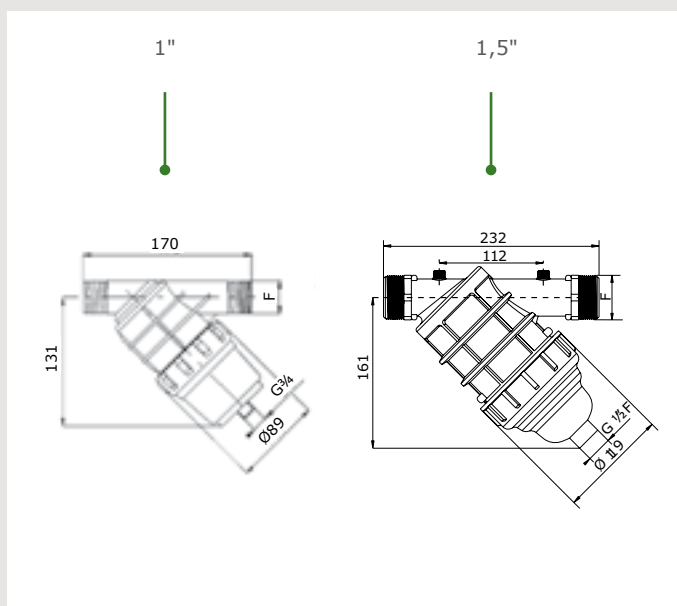
The F7000 Plastic Disc Filter is used as a primary filter for small irrigation systems and as a back-up filter for field zones. This filter can stop or retain large amount of solids from the water due to the depth feature of the disc element and the size of element. In addition, the filters utilize a flow deflecting plate that circulates water inside the filter and forces particles away from the disc elements and down to the bottom of the filter ready to be flushed out. All of these features contribute to improved filter efficiency and increased time between flushing.

The F7000 Plastic Screen Filters have a nylon body, reinforced with fiberglass, and are equipped with filtration elements stacked with polypropylene discs. The F7000 Plastic Disc Filters are available in several filtration rates and connection types, including both threaded and victaulic. The 2" and 3" filters utilize a user-friendly, stainless steel clamp for easy maintenance. And because the F7000 Plastic Disc Filters can be flushed without tools, the filters are easy to maintain and operate for years.

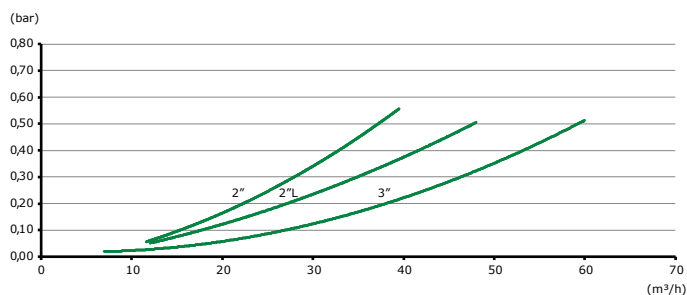
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Product line summary

Diameter (inch)	Body type	Connector choices	Max. Flow rate (m ³ /h)	Filtration area (cm ²)	Disc choices (micron)
1"	In-Line	BSP	6	204	130
1½"	In-Line	BSP	10	281	130
2"	In-Line/Angled	BSP	30	1360	100, 130, 200
2" Long	In-Line/Angled	BSP, VIC	40	2090	100, 130, 200
3"	In-Line/Angled	BSP, VIC	50	2090	100, 130, 200



Head loss (bar) / flow rate (m³/h)*



* For a clean filter and 130 micron screen

Disc filter* 2"

Flow rate (m ³ /h)	Head loss (bar)
12	0,06
18	0,14
25	0,24
31	0,38
34	0,43
37	0,50
40	0,55

Disc filter* 2" L

Flow rate (m ³ /h)	Head loss (bar)
12	0,05
18	0,10
24	0,17
30	0,24
36	0,31
42	0,40
48	0,51

Disc filter* 3"

Flow rate (m ³ /h)	Head loss (bar)
12	0,03
19	0,05
24	0,08
33	0,16
40	0,22
47	0,31
55	0,43

*130 micron