

Applications – Protection for water meter or hydrometer, and for decrease of suspended solids level in the water.

Standard Characteristics:

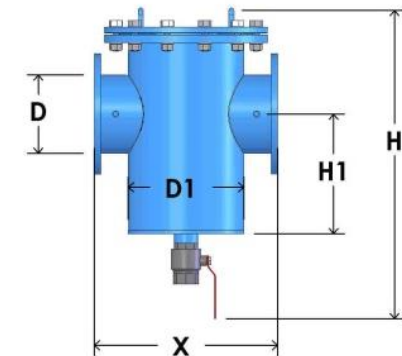
- **Filter element:** Single perforated screen Stainless Steel AISI 316
- **Available filtration grade:** 3000 micron and coarser
- **Filter housing construction material:** Carbon Steel ST37.2
- **Pre-treatment:** sand blasting up to Sa 2.5 grade
- **Exterior & Interior coating:** electrostatically oven baked polyester-epoxy powder coating with a thickness of 150-200 micron
- **Connections:** Victaulic, Threaded socket and Flange
- **Maximum recommended working pressure:** up to 10 bar (145 psi).



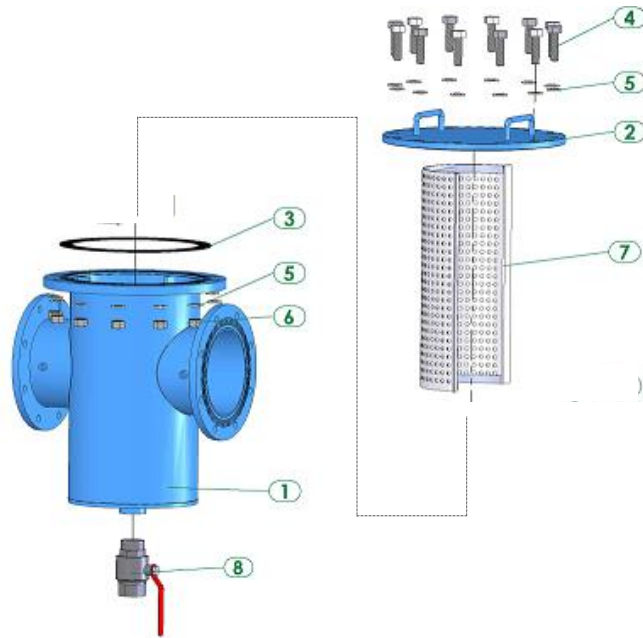
Operating principle:

The filters are designed and built in accordance with the principle of water flow through the screen openings while solid particles are collected at the lower section of the filter. These particles can be easily removed by drainage through a relatively large drain valve or by opening the cover and washing the screen manually.

Model	ØD In/Outlet (mm) (in)		ØD1 (in)	Max. Flow Rate (m ³ /h) (GPM)		X (mm) (in)		H (mm) (in)		H1 (mm) (in)		Weight (Kg) (lb)	
F2002	50	2	6	20	88	330	13.0	292	11.5	560	22	35	80
F2003	80	3	6	40	176	330	13.0	292	11.5	560	22	40	90
F2004	100	4	6	65	286	330	13.0	292	11.5	580	23	45	100
F2006	150	6	8	150	660	420	16.5	292	11.5	610	24	65	145
F2008	200	8	10	260	1145	515	20.3	294	11.5	665	26	95	210
F2010	250	10	12	400	1761	565	22.3	334	13.2	715	28	120	265
F2012	300	12	14	580	2554	655	25.8	336	13.2	795	31	170	375
F2014	350	14	16	700	3082	710	28.0	378	14.9	825	33	220	485
F2016	400	16	18	880	3875	760	30.0	400	15.7	870	34	275	605
F2018	450	18	20	1150	5064	810	32.0	392	15.5	890	35	350	770
F2020	500	20	24	1450	6385	980	38.5	417	16.4	950	38	575	1270
F2024	600	24	28	2000	8806	1080	42.5	503	19.8	1115	44	670	1480



Components Description & Spare Parts ordering information



1. Filter Body
2. Cover
3. Cover Gasket
4. Bolt
5. Washer
6. Nut
7. Screen
8. Flushing Valve



Pressure loss at 3000 micron

