

Applications: In-line back-up filter after sand/gravel filter

Standard Characteristics:

- **Filter element:** - Stainless Steel screen AISI 316, supported by a PVC cylinder
- **Available filtration grades:** from 80 micron
- **Filter housing construction material:** Carbon Steel ST37.2
- **Pre-treatment:** sand blasting up to Sa 2.5 grade
- **Exterior & Interior coating:** electrostatic oven baked polyester-epoxy powder coating with a thickness of 150-200 micron
- **Connections:** VIC, Threaded socket and Flange
- **Maximum pressure:** 10 bar (145 psi)
- **Maximum recommended working pressure:** up to 8 bar (116 psi).

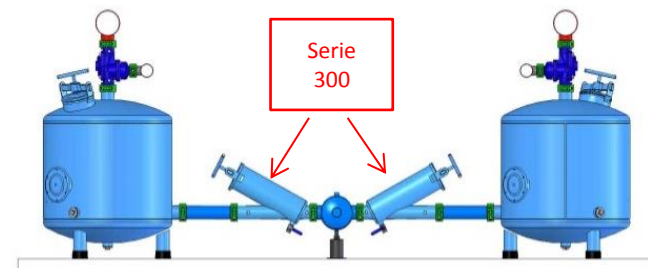
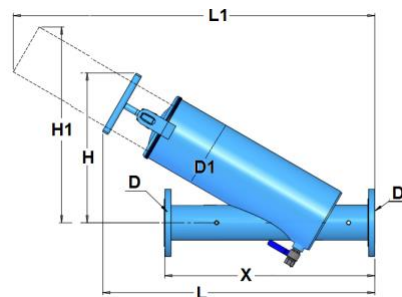


Operation:

The filters are designed and built in accordance with the principle of water flow through the cylinder screen openings while solid particles are trapped by the screen. These particles can be removed by flushing through a drain valve or by opening the cover and washing the screen manually.

During back-flushing, the filtered water is reversed through the back-flush filter to the sand/gravel filter.

Model	In/Out ØD (in)	ØD1 (in)	X		L		L1		H		H1		Shipping Weight		Packaging Volume LxWxH		Maximum Flow Rate	
			(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(kg)	(lb)	(m)	(ft)	(m ³ /h)	(GPM)		
F320	2	6	480	19	504	18.9	587	23.1	295	11.6	308	12.1	15.7	35	0.6x0.3x0.3	1.8x1.05x0.9	25	110
F330	3	6	555	22	722	28.4	1032	40.6	398	15.7	539	21.2	30.5	67	0.7x0.6x0.3	2.2x1.05x0.9	40	176
F340	4	8	685	27	887	34.9	1275	50.2	487	19.2	688	27.1	41.8	92	0.8x0.6x0.3	2.8x2.10x0.9	80	352



Components Description & Spare Parts ordering information

Description		Model		
FILTER		F320 2"	F330 3"	F340 4"
Filter Body		6"	6"	8"
1	Filter body	N/A	N/A	N/A
2	Handle	E6020106000-P	E6020106000-P	E6020106000-P
3	Tightening bracket	6012006000-P	6012006000-P	6012108000-P
4	Cover	5320200601-P	5320200601-P	5320010801-P
5	Cover gasket	5312140600-050	5312060600-060	5312160600-150
6	Filter screen	E5003600400-01##-01	E5003600402-01##-01	E5004600400-01##-01
7	Screen Centering Gasket	-----	-----	5312160600-161
8	Screen Gasket	5312140600-080	5312140600-100	5312160600-300
9	Pressure testing port	E5412023901-01	E5412023901-01	E5412023901-01
10	Ball Valve	4504007102-01	4504007102-01	4504010102-01

Warnings! Important safety instructions:

-Maximum pressure is 8 bar. - Do not open the filter cover without first performing the following actions:

1. Close both the inlet and outlet valves.
2. Open the filter drain and be certain that the filter is fully drained and the pressure is 0.
3. The filter cover can now be carefully opened.

Pressure loss at 120 micron

