



Semi-Automatic Brush Filters

Series YFSA500B

Applications:

- ☐ Primary Filter: Water with light to moderate debris loads
- ☐ For coarse filtration requirements (80 mesh or coarser)



Unique Features and Benefits:

- ☐ Can be cleaned without interrupting the flow and without disassembling the filter
- ☐ Extends the time before the need to manually clean the filter
- ☐ Can operate at 15 psi

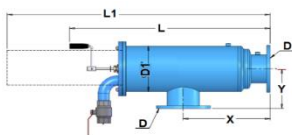
Operation:

Water flows through the inlet and through the cylindrical screen trapping the solids on the screen. The filter can be manually cleaned while still pressurized and without removing the screen. The operator cleans the screen by opening the flush valve and turning the handle, fully up and then back down. The brushes traverse the entire screen removing trapped debris and flushing it out through the flush valve. The entire process lasts just a few seconds.

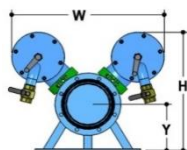
Standard Characteristics:

- **Filter element:** Stainless Steel screen AISI 316, supported by a PVC cylinder
- **Available filtration:** 40 – 80 mesh
- **Filter housing material of construction:** Carbon Steel ST37.2 with Polyester Coating
- **Connections:** Flange
- **Maximum recommended working pressure:** 10 bar (145 psi).
- **Minimum operating working pressure during flushing:** 1 bar (15 psi)
- **Equipped with pressure gauge which indicates the pressure difference of 7 psi**
- **Clean screen pressure loss:** up to 0.1 bar (1.5psi)

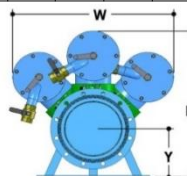
Model	In/Out/ D (in)	D1 (in)	Max. Flow Rate (m3/h) (gpm)		X (mm) (in)		Y (mm) (in)		L (mm) (in)		L1 (mm) (in)		H (mm) (in)		W (mm) (in)		Weight Packaging (kg) (lb)	Volumen Packaging L x A x H (m) (ft)		
YFSA504B	4	10	80	352	350	13.8	237	9.3	833	32.8	1,060	41.7					78	172	1.07x0.6x0.6	3.5x2.0x2.1
YFSA506B	6	10	150	660	450	17.7	237	9.3	1,038	40.9	1,460	57.5					93	205	1.07x0.6x0.6	3.5x2.0x2.1
YFSA508B	8	10	250	1,101	550	21.7	237	9.3	1,236	48.7	1,860	73.2					110	243	1.33x0.6x0.6	4.4x2.0x2.1
YFSA510B	10	10	500	2,202	1,100	43.3	250	9.8	1,293	50.9	1,720	67.7	719	28.2	937	36.9	219	483	1.33x1.3x1.0	4.4x4.3x3.3
YFSA512B	12	12	600	2,642	1,250	47.2	280	11.0	1,765	59.7	2,140	84.3	770	30.2	973	38.3	337	743	1.50x1.3x1.0	4.9x4.3x3.3
YFSA514B	14	14	750	3,302	1,420	55.9	315	12.4	1,735	68.3	2,360	92.9	813	32.0	996	39.2	338	745	1.80x1.2x1.2	5.9x3.9x3.3



Model YFSA504B-YFSA508B



Model YFSA510B - (2*506B)
Model YFSA512B - (2*508B)



Model YFSA514B - (3*508B)

Semi-Automatic Suction Filters

Series YFSA500S

Applications:

- Primary Filter: Water for light to moderate debris loads

Unique Features and Benefits:

- Can be cleaned without interrupting the flow and without disassembling the filter
- Extends the time before the need to manually clean the filter
- For wide range of mesh screens (40 – 200 mesh)



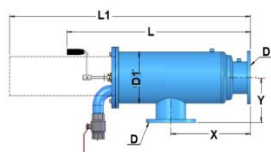
Operation:

Water flows through the inlet along and through the cylindrical screen trapping the solids on the screen. The filter can be manually cleaned while still pressurized and without removing the screen. The operator cleans the screen by opening the flush valve and turning the handle, fully up and the back down. The suction nozzles traverse the entire screen vacuuming and removing trapped debris and flushing it out through the flush valve. The entire process lasts just a few seconds.

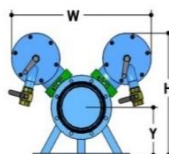
Standard Characteristics:

- **Filter element:** Stainless Steel screen AISI 316, supported by a PVC cylinder
- **Available filtration:** 40 – 200 mesh
- **Filter housing material of construction:** Carbon Steel ST37.2 with Polyester Coating
- **Connections:** Flange
- **Maximum recommended working pressure:** 10 bar (145 psi).
- **Minimum operating working pressure during flushing:** 2 bar (30 psi)
- Equipped with pressure gauge which indicates the pressure difference of 7 psi
- **Clean screen pressure loss:** up to 0.1 bar (1.5psi)

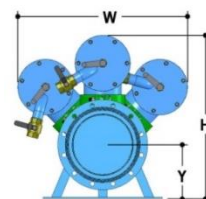
Model	D In/Out (in)	D1 (in)	Max. recom. Flow rate (gpm)	X (in)	Y (in)	L (in)	L1 (in)	H (in)	W (in)	Shipping Weight (lb)	Packaging Volume L x W x H (ft)
YFSA504S	4	10	352	13.8	9.3	37.7	55.1			183	3.5×2.0×2.1
YFSA506S	6	10	660	17.7	9.3	45.8	70.9			225	4.4×2.0×2.1
YFSA508S	8	10	1,101	21.7	9.3	53.6	86.6			262	4.9×2.0×2.1
YFSA510S	10	10	2,202	43.3	9.8	55.9	81.1	28.2	36.9	505	4.3×4.3×3.3
YFSA512S	12	12	2,642	47.3	11.0	64.6	97.6	30.2	38.3	578	4.9×4.3×3.3
YFSA514S	14	14	3,302	55.9	12.4	73.3	106.3	37.5	39.2	778	5.9×3.9×3.9



Model YFSA504S-YFSA508S



Model YFSA510S - (2*506S)
Model YFSA512S - (2*508S)



Model YFSA514S - (3*508S)