



VAF 2000 Automatic Screen Filters

VAF 2000 Specifications

General Information

The VAF 2000 design is time tested and proven as a reliable self-cleaning screen filter. The VAF 2000 filter utilizes a simple hydraulic motor in combination with a hydraulic piston to move cleaning nozzles across the screen during a cleaning cycle. There is no complex electric motor to wire or repair.

The VAF 2000 filters' 5 to 30 second flush cycle is automatically initiated when a pressure differential across the screen increases to 7 psi. The filter remains on line, and the filtration process remains uninterrupted during the cleaning process. And the flush discharge is the lowest available resulting in minimal waste.

VAF 2000 filters are constructed to ASME code and are designed to incorporate a broad range of construction materials, and pressure and temperature options. And Valve and Filter custom manufactures filters and skids that simplify installation and meet specific requirements.

Call Valve and Filter, and discover the reasons our customers stay with us.

Materials

- Filter body • epoxy coated carbon steel **
- Screens • 316L SS sintered **
- Flanges • 150# class **
- Seals • nitrile, viton, silicone

- Filtration Range** • 15 to 1500 micron **

- Flow Range** • 60 to 2960 gpm per filter (with 130 micron screen)

- Max Pressure** • 150 psi (14.2 kg/cm²) **

- Min Pressure** • 35 psi (2.5 kg/cm²) **

- Max Temp** • 176° F (80° C) **

- Flush Cycle** • 5 to 30 seconds

- Control Options**
- VF1B - battery powered, single filter
 - VF -AC - electronic, up to 12 filters
 - NEW - fully-programmable, electronic, multiple interface options

** Other options are available on request.



Valve and Filter

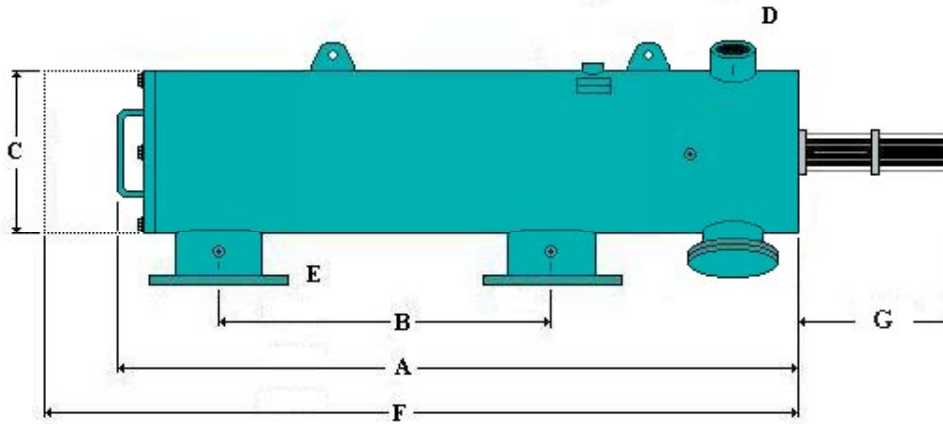
5270 Marshall Street, Arvada, CO 80002 USA

Phone 303-425-4242 Fax 303-425-0112

www.valveandfilter.com

sales@valveandfilter.com

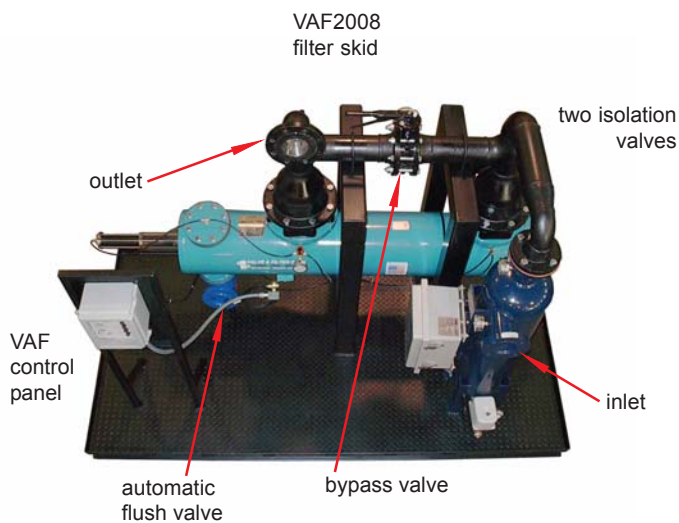
Dimensions



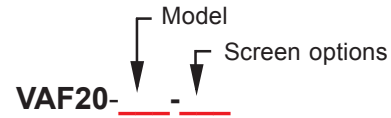
Model	Dimensions - inches							screen area in ²	nominal flow (gpm)		
	A length	B f to f	C body dia.	D flush line	E flange	F clearance	G piston		100 μ	200 μ	300 μ
2002LP	16.4	5.9	10.8	2 NPT	2 NPT	25.0	n/a	86	100	120	150
2003P	19.4	8.0	10.8	2 NPT	3	24.8	n/a	86	100	120	150
2004P	26.5	11.8	12.8	2 NPT	4	40.0	n/a	158	190	220	275
2003LP	43.5	17.7	12.8	2 NPT	3	74.0	17.5	360	430	500	630
2006P	80.7	17.7	12.8	2 NPT	6	74.0	17.5	360	430	500	630
2004LP	59.1	35.5	12.8	2 NPT	4	105.0	17.5	720	860	1000	1260
2006LP	61.9	35.4	12.8	2 NPT	6	108.0	17.5	720	860	1000	1260
2008P	70.1	35.4	12.8	2 NPT	8	115.0	17.5	720	860	1000	1260
2010P	75.0	43.3	16.0	3 flange	10	113.0	17.5	1008	1200	1410	1760
2006XLP	77.4	35.4	12.8	3 flange	6	140.0	17.5	1152	1380	1610	2020
2008LP	77.4	35.4	12.8	3 flange	8	147.0	17.5	1152	1380	1610	2020
2012P	104.0	43.3	16.0	4 flange	12	181.0	17.5	1569	1880	2200	2750
2014P	104.2	50.0	18.0	4 flange	14	182.0	17.5	1699	2040	2380	2975
2016P	110.4	50.0	18.0	4 flange	16	188.0	17.5	1699	2040	2380	2975

Note: Valve and Filter "nominal flow" rates shown are for 100, 200 and 300 micron filtration ratings for demonstration purposes only. Larger micron ratings result in higher allowable flow rates. Smaller micron ratings result in lower allowable flow rates. Call Valve and Filter for details.

Typical Application



How To Order



OPTIONS:

Model	Screen options **
02LP, 03P,	15, 25, 50, 75,
04P, 03LP,	100, 120, 180,
04LP, 06P	200, 400, 800,
06LP, 08P	1500 micron
06XLP, 08LP	all models
10, 12, 14, 16	

** Other micron on special request.

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