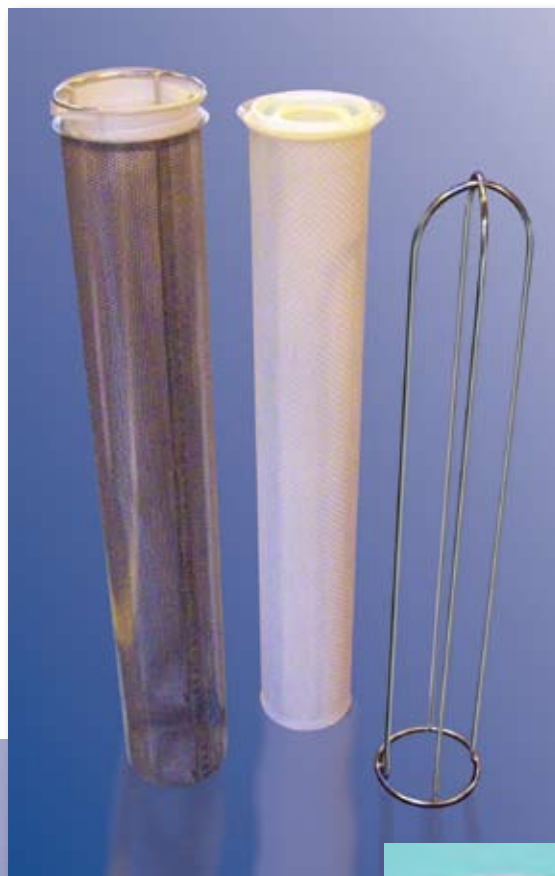


Rosedale High Flow Filtration Systems

- From 1 to 31 elements per filter housing
- Beta 5000 (99.98% efficiency) rated for consistent product quality
- Operator-friendly cartridge and housing system
- High flow performance in a convenient design
- Horizontal mounting configuration

Model 18340



DPU Series Cartridge

High Flow Housings

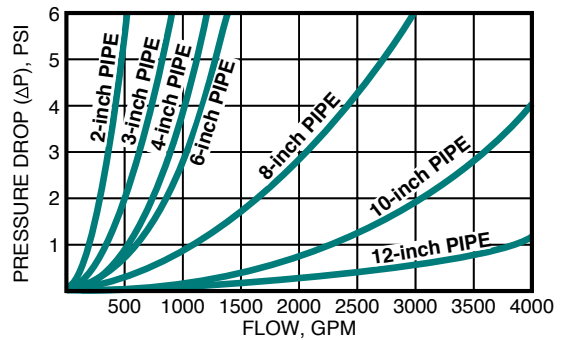
These housings are available in standard and custom configurations to suit your specific needs. All housings are designed, manufactured, tested, and code stamped in accordance with ASME Section VIII, Division 1.

They are available in a variety of sizes to accommodate from 1 to 31 filter cartridges in 40-inch and 60-inch lengths and two popular styles. You can select from the "High Flow" basic size 6.32-inch (152.4 mm) seal diameter or "Trade Size" #2, 7.20-inch (182.9 mm).

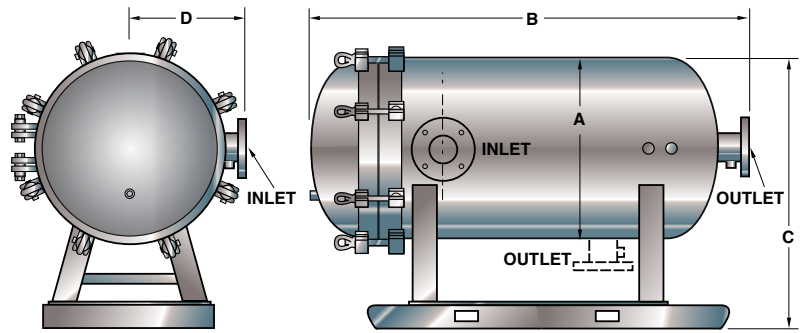
Larger housings are available upon request. The horizontal style maximizes ease of operation and change-out, while reducing the systems footprint.

Features

- Horizontal mounting configuration
- Hinged cover for easy element change-outs
- Standard pressure / temperature ratings to 300 psig and 250 °F
- Available in Carbon Steel, 304, or 316 Stainless Steel
- 40" and 60" element lengths
- ASME Code design



Based on housing only. Fluid viscosity, filter cartridge used, and expected dirt loading should be considered when sizing a filter.



Dimensions - Approximate in Inches

Dia. A	Element Length	B	C	D	No. of Elements
8	40	66.9	52.3	7.5	1
	60	86.9			
18	40	75	57.0	13	3/4
	60	95			
24	40	79.5	60.0	16	7
	60	99.5			
30	40	85	63.0	19	10/12
	60	105			
36	40	95.5	66.0	22	13/19
	60	115			
42	40	100	69.0	28	18/24
	60	120			
48	40	104	72.0	32	18/24
	60	124			

Dimensions are reference only and should not be used for hard plumbing. Consult factory for certified drawings.

High Flow Elements

40" Length / 60" Length

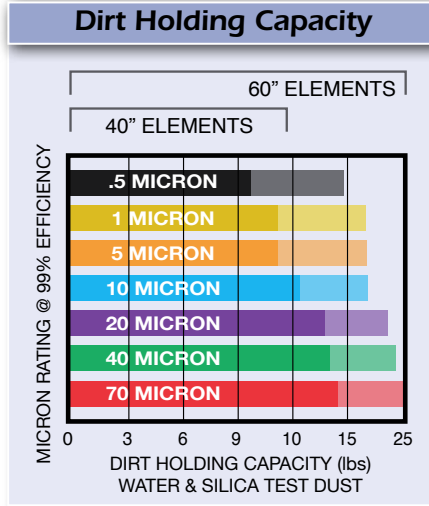
Removal Ratings (microns)
0.5, 1, 5, 10, 20, 40, 70
@ Beta 5000 (99.8% efficiency)

Maximum Operating Temperature (°F / °C) 160 / 71

Maximum Differential Pressure 50 psid @ 68°F (3.4 bar @ 20°C)

Recommended Change-out Differential Pressure 35 psid @ 68°F (2.4 bar @ 20°C)

Depending on application, systems can be used with 40" or 60" bags or cartridges. Bag restrainer expands bag fully during filtration.

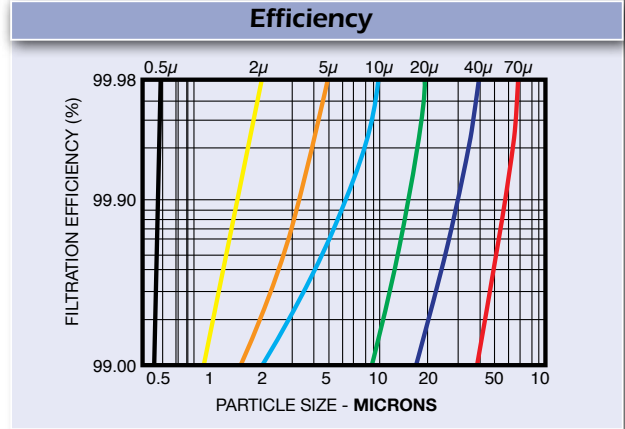
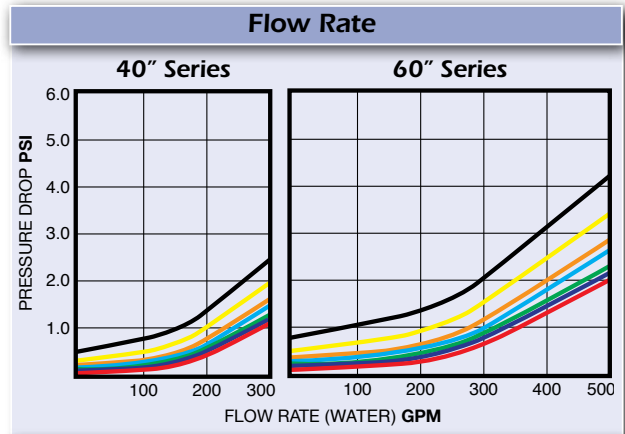
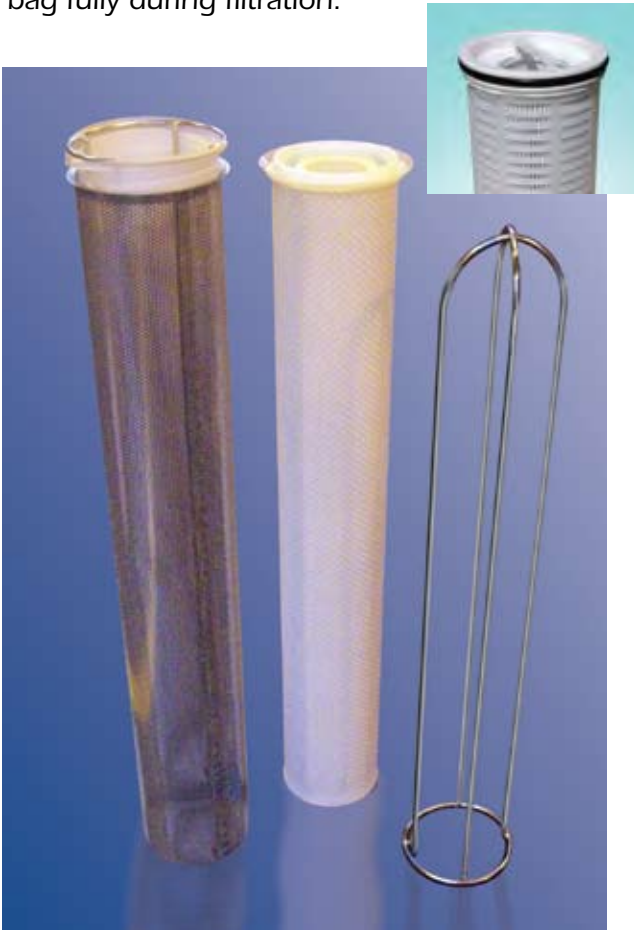


TYPICAL ROSEDALE HIGH FLOW SYSTEM

Rosedale System
7 Cartridges / 24" Diameter Housing

REPLACES

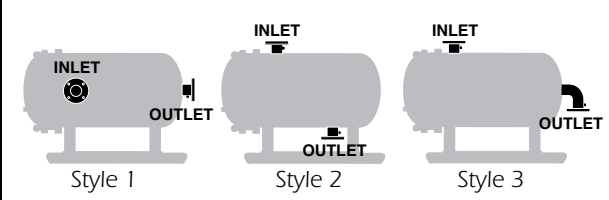
Competitive System
125 Cartridges / 36" Diameter Housing
2000 GPM SYSTEM (7571 LPM)



R How To Order Housing Build an ordering code as shown in the example

Example: H - 183 - 60 - 4F - 1 - 150 - S - E - S - C

<p>HOUSING= H</p> <p>R CARTRIDGE (No. of Elements)</p> <p>Model 8 = 8 (1)</p> <p>Model 18 = 18 (3)</p> <p>Model 24 = 24 (7)</p> <p>Model 30 = 30 (10)</p> <p>Model 36 = 36 (13)</p> <p>Model 42 = 42 (18)</p> <p>Model 48 = 48 (24)</p> <p>S CARTRIDGE (No. of Elements)</p> <p>Model 8 = 8 (1)</p> <p>Model 18 = 18 (4)</p> <p>Model 24 = 24 (7)</p> <p>Model 30 = 30 (12)</p> <p>Model 36 = 36 (19)</p> <p>Model 42 = 42 (22)</p> <p>Model 48 = 48 (31)</p> <p>ELEMENT LENGTH</p> <p>40 Inch = 40</p> <p>60 Inch = 60</p> <p>PIPE SIZE, FLANGED</p> <p>Model 8 = 2F or 3F</p> <p>Model 8, 18 = 4F</p> <p>Model 18, 24 = 6F</p> <p>Model 24, 30 = 8F</p> <p>Model 30, 36 = 10F</p> <p>Model 36 = 12F</p> <p>Model 42 = 12F or 14F</p>	<p>ASME CODE OPTION</p> <p>C = ASME Code Stamp</p> <p>CARTRIDGE STYLE</p> <p>R = 7.20 Rosedale</p> <p>S = 6.32 HF</p> <p>GASKET MATERIAL</p> <p>V = Fluorocarbon</p> <p>E = EPR</p> <p>B = Buna N</p> <p>HOUSING MATERIAL</p> <p>C = Carbon Steel</p> <p>S = 304 Stainless Steel</p> <p>S316 = 316 Stainless Steel</p> <p>PRESSURE RATING</p> <p>150 = 150 psi</p> <p>300 = 300 psi</p> <p>OUTLET STYLE</p> <p>1 = Bottom</p> <p>2 = Side</p> <p>3 = Bottom Elbow</p>
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Style 1 Style 2 Style 3

R How To Order Element Build an ordering code as shown in the example

Example: DP-605-P60-1-V

<p>Rosedale High Flow</p> <p>7.2-Inch Diameter = DP</p> <p>High Flow</p> <p>6.32-Inch diameter = DPU</p> <p>MICRON RATING @ Beta 5000</p> <p>0.5 Micron = 600*</p> <p>2 Micron = 601*</p> <p>5 Micron = 603</p> <p>10 Micron = 605</p> <p>20 Micron = 607</p> <p>40 Micron = 608</p> <p>70 Micron = 609</p> <p>*Requires Caps 1 or P</p>	<p>SEAL MATERIAL</p> <p>EPR = No Symbol</p> <p>V = Viton®</p> <p>B = Buna</p> <p>SA = Santoprene</p> <p>CAP STYLE</p> <p>F = Flare Cap (No seal required, DP Only)</p> <p>1 = O-ring Cap (7.32 Dia. DP Only)</p> <p>P = O-ring Cap (6.32 Dia. DPU Only)</p> <p>LENGTH</p> <p>40 = 40.5"</p> <p>60 = 60.5"</p> <p>MATERIAL</p> <p>P = Polypropylene</p> <p>G = Glass</p> <p>R = Polyester</p>
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