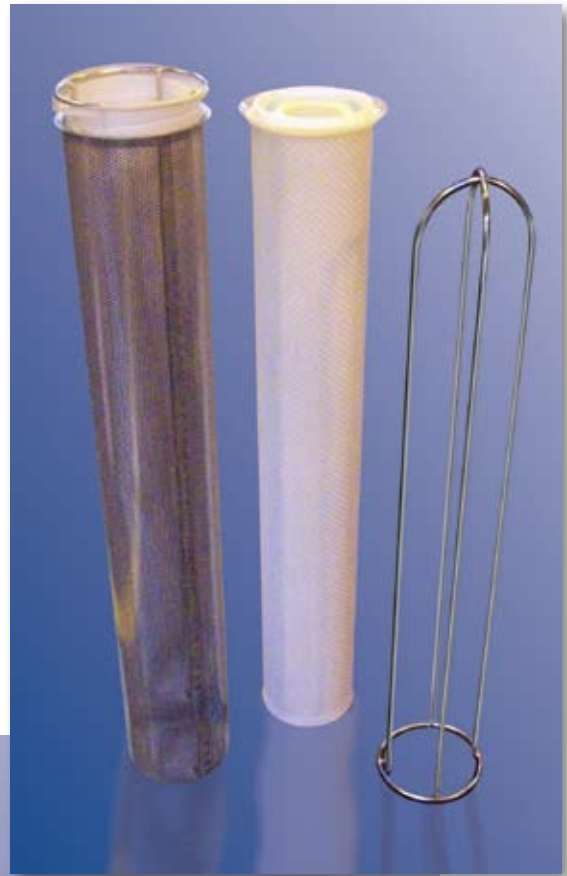


Rosedale High Flow Filtration Systems

- Flow rates up to 400 gpm per element
- From 1 to 18 elements per unit
- Absolute-rated for consistent product quality
- Operator-friendly cartridge and housing system
- High flow performance in a compact design
- Horizontal mounting configuration

Model 18

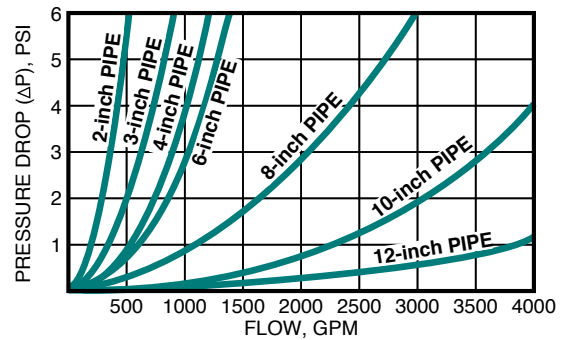


High Flow Housings

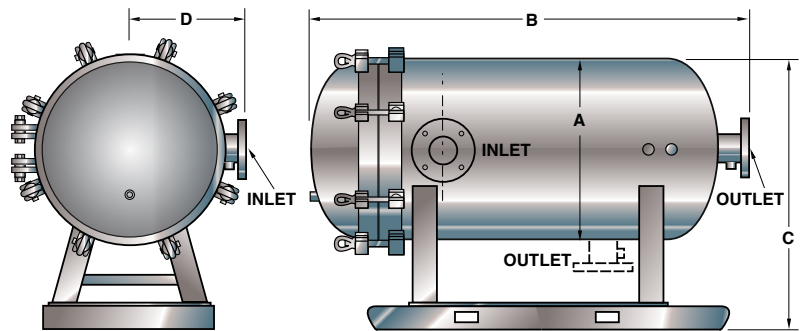
These housings are available in standard and custom configurations to suit your specific needs. All housings are designed, manufactured, tested, and code stamped in accordance with ASME Section VIII, Division 1. They are available in a variety of sizes to accommodate from 1 to 18 filter elements in 40-inch and 60-inch lengths. Larger housings are available upon request. The horizontal style maximizes ease of operation, while minimizing the system's 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	55.1	7.5	1
	60	86.9			
18	40	75	62.5	13	3
	60	95			
24	40	79.5	65.5	16	7
	60	99.5			
30	40	85	68.5	19	11
	60	105			
36	40	93.5	71.5	22	13
	60	113.5			
42	40	100	74.5	25	18
	60	120			

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

High Flow Elements

40" Length / 60" Length

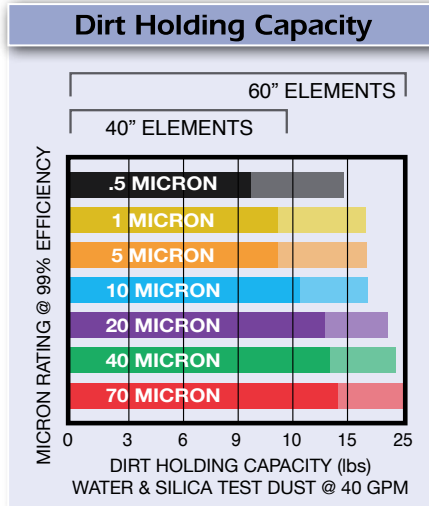
Removal Ratings (microns) 0.5, 1, 5, 10, 20, 40, 70
 @ Beta 5000 (99.8% efficiency)

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.

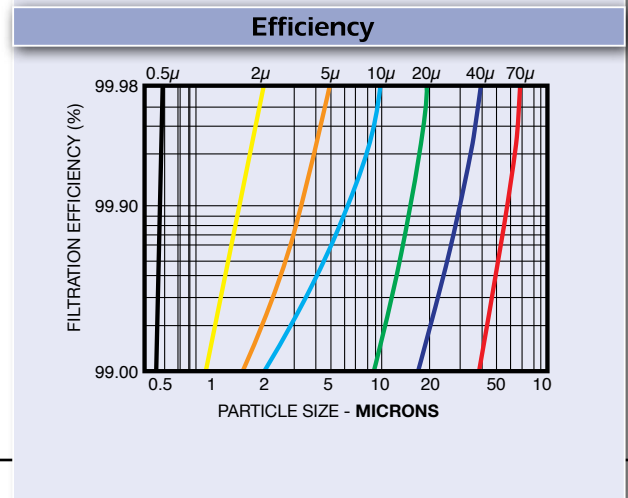
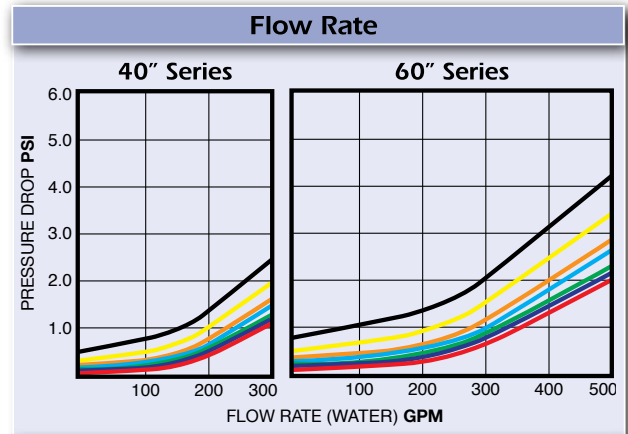
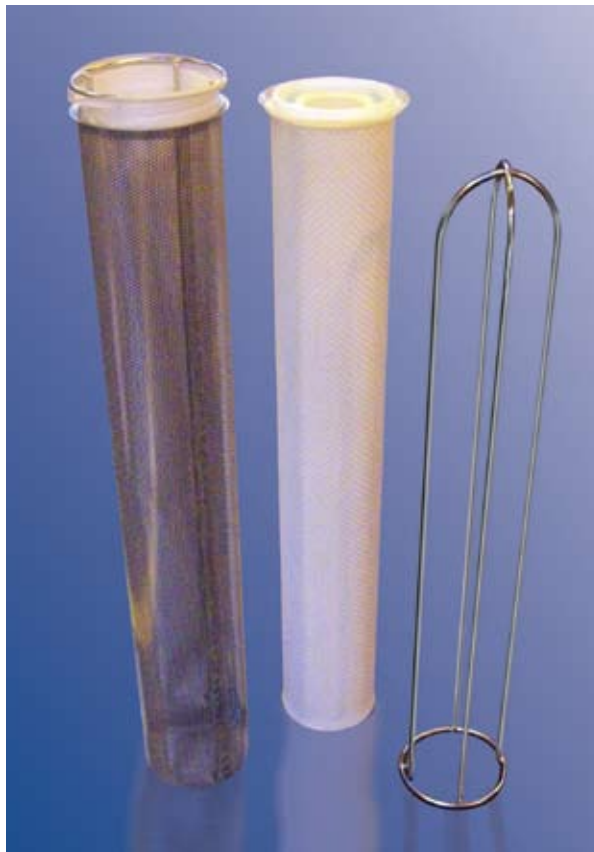


TYPICAL ROSEDALE HIGH FLOW SYSTEM

Rosedale System
 7 Cartridges / 24" Diameter Housing

REPLACES

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



How To Order Housing

Build an ordering code as shown in the example

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

HOUSING= H		ASME CODE OPTION C = ASME Code Stamp
MODEL (No. of Elements)		CARTRIDGE STYLE B = Filter Basket N = Cartridge
Model 8 = 8(1)		GASKET MATERIAL V = Fluorocarbon E = EPR B = Buna N
Model 18 = 18(3)		HOUSING MATERIAL C = Carbon Steel S = 304 Stainless Steel S316 = 316 Stainless Steel
Model 24 = 24(7)		PRESSURE RATING 150 = 150 psi 300 = 300 psi
Model 30 = 30(11)		
Model 36 = 36(13)		
Model 42 = 42(18)		
ELEMENT LENGTH		
40 Inch = 40		
60 Inch = 60		
PIPE SIZE, FLANGED		
Model 8 = 2F or 3F		
Model 8, 18 = 4F		
Model 18, 24 = 6F		
Model 24, 30 = 8F		
Model 30, 36 = 10F		
Model 36 = 12F		
Model 42 = 12F or 14F		
OUTLET STYLE		
Bottom = 1		
Side = 2		
Bottom Elbow = 3		

OUTLET STYLES

Style 1 Style 2 Style 3

How To Order Element

Build an ordering code as shown in the example

Example: DP - 605 - P60 - F

High Flow DP Series = DP		FLARE F = Flare Seal S = Santoprene V Seal
SIZE, Diameter 6" OD = 60		LENGTH 40 = 40.5" 60 = 60.5"
MICRON RATING @ Beta 5000		MATERIAL P = Polypropylene G = Glass R = Polyester
0.5 Micron = 0		
2 Micron = 1		
5 Micron = 3		
10 Micron = 5		
20 Micron = 7		
40 Micron = 8		
70 Micron = 9		