



FILTRATION SPECIFICATIONS

Filter: High Flow Filtration Systems

High Flow 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.

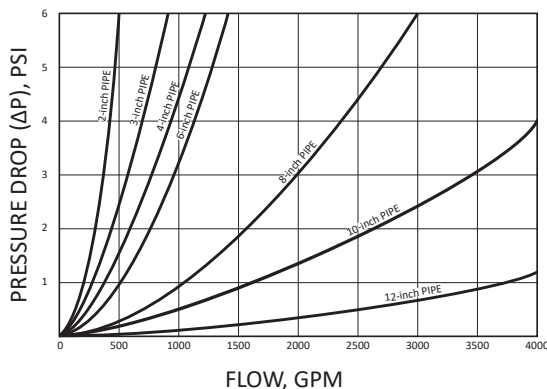
They are available in a variety of sizes to accommodate from 1 to 31 filter cartridges in 40 inch and 60 inch lengths and two popular styles.

The horizontal style maximizes ease of operation and change-out, while reducing the systems footprint.

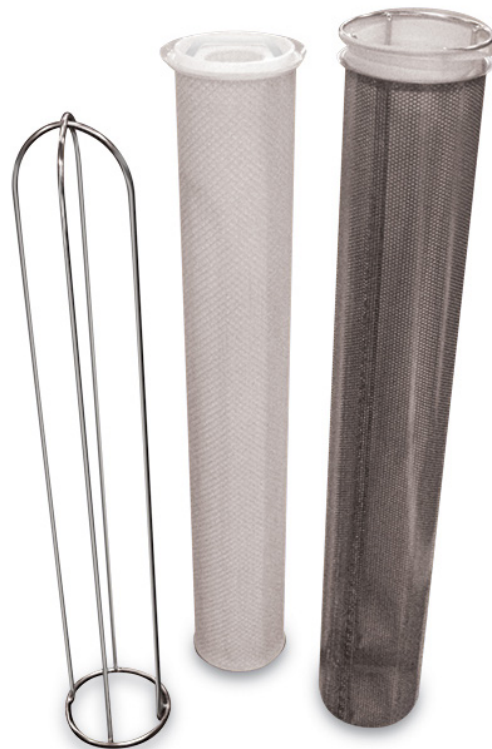


FEATURES

- From 1-31 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
- 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.



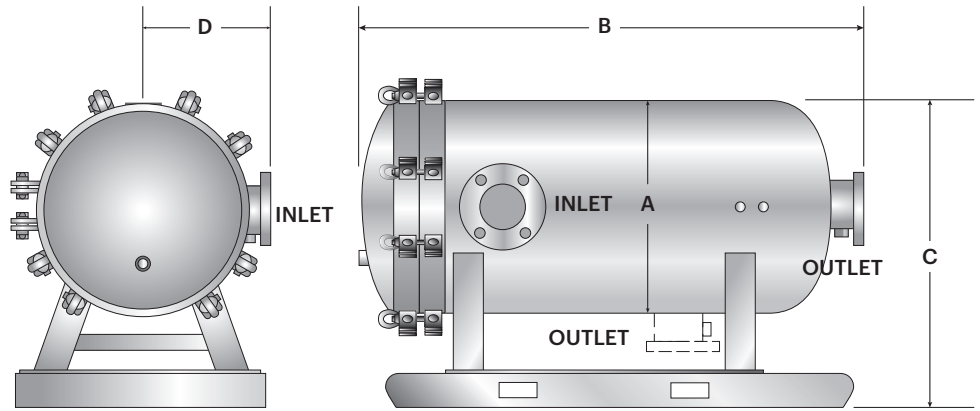


FILTRATION SPECIFICATIONS

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DPU Series Cartridge



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.

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)



High Flow Filter Housing - How to Order

CONFIGURE YOUR PART NUMBER (EXAMPLE: H-183-60-4F-1-150-S-E-S-C)

- A**
HOUSING
- B**
CARTRIDGE
TYPE
- C**
ELEMENT
LENGTH
- D**
PIPE SIZE
- E**
OUTLET
STYLE
- F**
PRESSURE
RATING
- G**
HOUSING
MATERIAL
- H**
GASKET
MATERIAL
- I**
CARTRIDGE
STYLE
- J**
ASME
CODE

A	HOUSING	CODE
	HIGH FLOW	H

B	R CARTRIDGE (NO. OF ELEMENTS)	CODE
	MODEL 8 (1)	81
	MODEL 18 (3)	183
	MODEL 24 (7)	247
	MODEL 30 (10)	3010
	MODEL 36 (13)	3613
	MODEL 42 (18)	4218
	MODEL 48 (24)	4824
	S CARTRIDGE (NO. OF ELEMENTS)	CODE
	MODEL 8 (1)	81
	MODEL 18 (4)	184
	MODEL 24 (7)	247
	MODEL 30 (12)	3012
	MODEL 36 (19)	3619
	MODEL 42 (22)	4222
	MODEL 48 (31)	4831

C	ELEMENT LENGTH	CODE
	40 INCH	40
	60 INCH	60

D	PIPE SIZE, FLANGED	CODE
	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

E	OUTLET STYLE	CODE
	BOTTOM	1
	SIDE	2
	BOTTOM ELBOW	3

F	PRESSURE RATING	CODE
	150 PSI	150
	300 PSI	300

G	HOUSING MATERIAL	CODE
	CARBON STEEL	C
	304 STAINLESS STEEL	S
	316 STAINLESS STEEL	S316

H	GASKET MATERIAL	CODE
	BUNA N	B
	EPR	E
	FLUROELASTOMER	V

I	CARTRIDGE STYLE	CODE
	7.20 ROSEDALE	R
	6.32 HF	S

J	ASME CODE OPTION	CODE
	ASME CODE STAMP	C



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

160°F / 71°C

Maximum Differential Pressure

50 psid @ 68°F (3.4 bar @ 20°C)

Recommended Change-Out

Differential Pressure

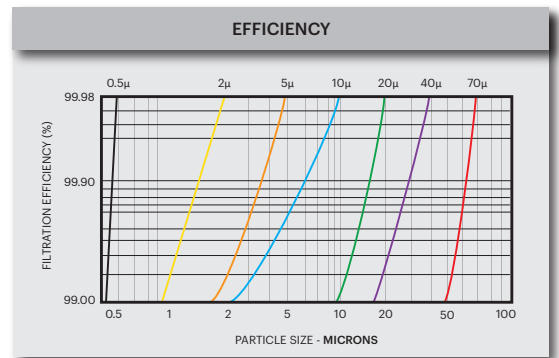
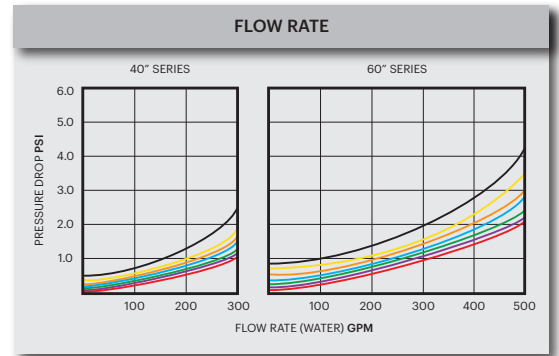
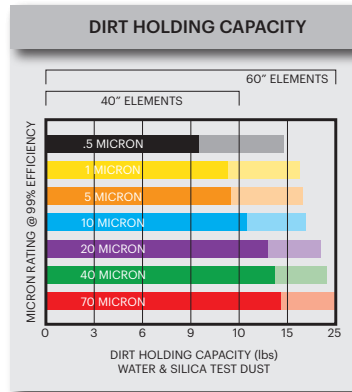
35 psid @ 68°F (2.4 bar @ 20°C)

Depending on application, systems

can be used with 40" or 60"

bags or cartridges. Bag restrainer

expands bag fully during filtration.



High Flow Filter Elements - How to Order

CONFIGURE YOUR PART NUMBER (EXAMPLE: DP-605-P60-1-V)

A

ELEMENT
TYPE

B

MICRON
RATING

C

MATERIAL
& LENGTH

D

CAP STYLE

E

SEAL
MATERIAL

A	ROSEDALE HIGH FLOW	CODE
	7.2 INCH DIAMETER	DP
	HIGH FLOW	CODE
	6.32 INCH DIAMETER	DPU

B	MICRON RATING @ BETA 5000	CODE
	0.5 MICRON	600*
	2 MICRON	601*
	5 MICRON	603
	10 MICRON	605
	20 MICRON	607
	40 MICRON	608
	70 MICRON	609
*REQUIRES CAPS 1 OR P		

C	MATERIAL	CODE
	POLYPROPYLENE	P
	GLASS	G
	POLYESTER	R

C	ELEMENT LENGTH	CODE
	40.5 INCH	40
	60.5 INCH	60

D	CAP STYLE	CODE
	FLARE CAP (NO SEAL REQUIRED, DP ONLY)	F
	O-RING CAP (7.32 DIA. DP ONLY)	1
	O-RING CAP (6.32 DIA. DPU ONLY)	P

E	SEAL MATERIAL	CODE
	EPR	NO SYMBOL
	FLUOROELASTOMER	V
	BUNA N	B