

L I Q U I D F I L T R A T I O N S Y S T E M S

Rosedale[®] Aluminum Series



**ROSEDALE[®]
PRODUCTS INC.**

Separation, Filtration, & Purification Technology.™





Rosedale® Aluminum Series



Heavy-duty yet lightweight Rosedale aluminum housings are designed for commercial, industrial, and process applications. The economical AL Series provides a reliable alternative to carbon steel, stainless steel, or plastic, delivering excellent performance in many operating environments.

Aluminum is particularly well suited for industrial water-based systems, including machine tool coolants and cooling towers. It is also ideal for diesel, oils, fuels, and a wide range of other fluids.

Rosedale Aluminum housings accept both Rosedale bag filters and or Rosedale mesh-lined strainer baskets. Both can be easily removed for cleaning or replacement.

Rosedale RPO and RPE positive sealing top filter bags are available in both sewn and ultrasonic welded construction with ratings from 1-1500 microns.

SPECIFICATIONS

- ¾" – 3" pipes sizes
- NPT connections
- Light weight lid with handle
- O-ring sealed
- Max temp. 250°F
- Pressure ratings to 300 PSI
- Strainer baskets optional
- 5 outlet styles
- Stainless steel filter bag baskets
- Tripod legs

Speak with a product representative today.

800.821.5373



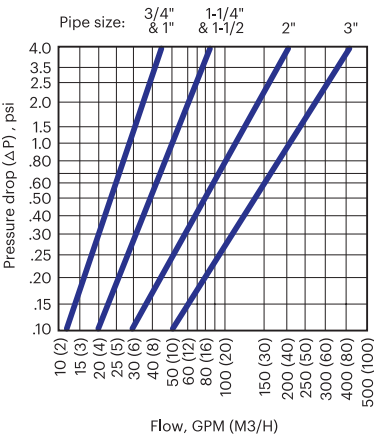
Model 50, 66, & 80

Rosedale® Aluminum Series



Standard Design Specifications

MODEL	BAG SIZE	SQUARE AREA	MAXIMUM FLOW (GPM)	MAXIMUM FLOW (M ³ /H)
MODEL 50	3	.5	20	4
	4	1.0	40	8
MODEL 66	7	1.5	60	12
	8	2.0	80	16
	9	3.0	120	24
MODEL 80	1	2.0	80	16
	2	4.5	180	36



Pressure Drop Data

Clean pressure drop of housing with basket.

VISCOSITY CPS								
1 (H ₂ O)	50	100	200	400	600	800	1000	2000
1.0	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.8

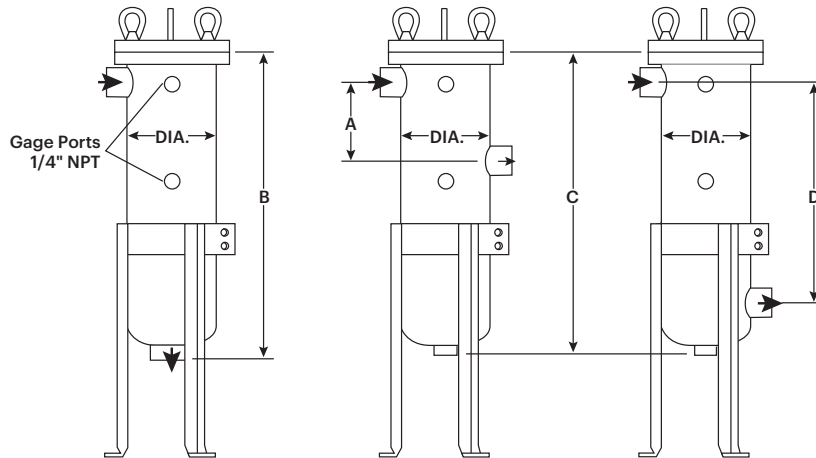
Note:

- Dimensions are reference only and should not be used for hard plumbing. Consult factory for certified drawings.
- Variables such as solids amounts, type, micron retention, viscosity, and other process information should be considered to filter sizing. Consult factory.



Rosedale® Model 50, 66, & 80

LIGHTWEIGHT
HEAVY-DUTY



Style 1
Side In / Bottom Out

Style 2
Side High 180

Style 3
Side Low 180

Note:

- Style 4: Same Side High (Same dimensions as Style 2)
- Style D: Same Side Low (Same dimensions as Style 3)

Accessories



Rosedale® Aluminum Series
RPO / RPE Flanged Bags

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Standard Design Specifications

MODEL 50				SIZE 3			SIZE 4			SIZE 3			SIZE 4		
DIA.	PIPE SIZE NPT	A		B	C	D	B	C	D	B	C	D	B	C	D
		IN.	MM.	INCHES			INCHES			MILIMETERS			MILIMETERS		
5.0 IN. 127.0 MM.	0.75	3.0	76.0	12.0	11.9	6.0	18.0	17.9	12.0	304.0	302.0	152.0	457.0	454.0	304.0
	1.00	3.0	76.0	12.4	12.2		18.4	18.2		314.0	309.0		467.0	462.0	
	1.25	4.3	109.0	12.8	12.8		18.8	18.8		325.0	325.0		477.0	477.0	
	1.50	4.3	109.0	13.2	12.8		19.2	18.8		335.0	325.0		487.0	477.0	
	2.00	4.8	121.0	13.8	13.3		19.8	19.3		350.0	337.0		502.0	490.0	

MODEL 66				SIZE 7			SIZE 8			SIZE 9			SIZE 7			SIZE 8			SIZE 9		
DIA.	PIPE SIZE NPT	A		B	C	D	B	C	D	B	C	D	B	C	D	B	C	D	B	C	D
		IN.	MM.	INCHES			INCHES			INCHES			MILIMETERS			MILIMETERS			MILIMETERS		
6.625 IN. 168.0 MM.	0.75	3.0	76.2	19.9	19.9	13.5	24.4	24.4	18.0	33.9	33.9	27.5	505.0	505.0	342.0	619.0	619.0	457.0	861.0	861.0	698.0
	1.00	3.0	76.0	20.3	20.2		24.8	24.7		34.3	34.2		505.0	513.0		629.0	627.0		871.0	868.0	
	1.25	4.3	109.0	20.8	20.6		25.3	25.1		34.8	34.6		528.0	523.0		642.0	637.0		883.0	878.0	
	1.50	4.3	109.0	21.1	20.8		26.2	25.3		35.1	34.8		535.0	528.0		650.0	642.0		891.0	883.0	
	2.00	4.8	121.0	21.7	21.3		26.2	25.8		35.7	35.3		551.0	541.0		665.0	655.0		906.0	896.0	
	3.00	6.3	160.0	23.0	22.5		27.5	27.0		37.0	36.5		584.0	571.0		698.0	685.0		939.0	927.0	

MODEL 80				SIZE 1			SIZE 2			SIZE 1			SIZE 2		
DIA.	PIPE SIZE NPT	A		B	C	D	B	C	D	B	C	D	B	C	D
		IN.	MM.	INCHES			INCHES			MILIMETERS			MILIMETERS		
8.0 IN. 203.0 MM.	0.75	3.0	76.2	19.9	19.9	13.0	33.9	33.9	27.0	505.0	505.0	330.0	861.0	861.0	685.0
	1.00	3.0	76.2	20.3	20.2		34.3	34.2		515.0	513.0		871.0	868.0	
	1.25	4.3	109.0	20.8	20.6		34.8	34.8		528.0	523.0		883.0	883.0	
	1.50	4.3	109.0	21.1	20.8		35.1	34.8		535.0	528.0		891.0	883.0	
	2.00	4.8	121.0	21.7	21.3		35.7	35.3		551.0	541.0		906.0	896.0	
	3.00	6.3	160.0	23.1	22.5		37.1	36.5		586.0	571.0		924.0	927.0	

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



Rosedale® Model SBAL

Rosedale's new Swing Bolt Aluminum (SBAL) models simplify filter changeouts even further while preserving the material advantages required for demanding applications. Built with aluminum's excellent strength-to-weight ratio, these durable housings are lightweight and easy to handle—ideal for cart-, skid-, and truck-mounted OEM systems.

Standard Features & Accessories Included



Rosedale® Model SBAL
Powder Coated Exterior:

- Yellow SB50 and Silver SB66 & SB80



Tripod Leg Assembly:

- Black (powder coated)



Hold Down Spring (HDS SS)

SS Plugs

Bag Basket:

- Stainless Steel S316 (ALL WE)

Hardware:

- Xylan Coated Swing Bolts

Cover Seal

- Fluoroelastomer

Speak with a product representative today.

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Rosedale® Aluminum Series



MODEL SB80

—



Rosedale® Aluminum Model 50, 66, & 80



Filter: How to Order.

CONFIGURE YOUR PART NUMBER (EXAMPLE: 66-18-2P-4-150-AL-B-PB-CL)

A

MODEL

BHOUSING
SIZE**C**INLET/
OUTLET**D**OUTLET
STYLE**E**PRESSURE
RATING**F**HOUSING
MATERIAL**G**COVER
GASKET**H**

BASKET TYPE

ITRIPOD
LEG

A	ROSEDALE® ALUMINUM SERIES MODEL	CODE
	MODEL 50	50
	MODEL 66	66
	MODEL 80	80

B	HOUSING SIZE	CODE
	SIZE 3 (MODEL 50)	6
	SIZE 4 (MODEL 50)	12
	SIZE 7 (MODEL 66)	12
	SIZE 8 (MODEL 66)	18
	SIZE 9 (MODEL 66)	30
	SIZE 1 (MODEL 80)	15
	SIZE 2 (MODEL 80)	30

C	INLET & OUTLET SIZE (NPT)	CODE
	¾"	¾P
	1"	1P
	1¼"	1¼P
	1½"	1½P
	2"	2P
	3" NPT (MODEL 66 & 80)	3.0P

D	OUTLET/ STYLE	CODE
	BOTTOM	1
	SIDE HIGH 180	2
	SIDE LOW 180	3
	SAME SIDE HIGH	4
	SAME SIDE LOW	D

E	PRESSURE RATING	CODE
	300PSI (MODEL 50)	300
	150PSI (MODEL 66)	150
	125PSI (MODEL 80)	125

F	HOUSING MATERIAL	CODE
	ALUMINUM	AL

G	COVER GASKET	CODE
	BUNA-N	B
	ETHYLENE PROPYLENE	E
	FLUOROELASTOMER	V

H	BASKET TYPE	CODE
	PERFORATED BAG, ¼" PERFORATIONS	PB
	STRAINER BASKET, PERFORATED METAL *P½", P¾", P1", P¾", P1¼"	P (*)
	FILTER BAG BASKET, PERFORATED, MESH LINED *M20, M30, M40, M50, M60, M70, M100, M150, M200	M (*)

I	TRIPOD LEG ASSEMBLY	CODE
	CARBON STEEL LEGS	CL
	STAINLESS STEEL LEGS	SL
	NO LEGS	NL

Speak with a product representative today.

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Note: Consult factory for other customized options.

NEW

Rosedale® Aluminum Model SBAL



Filter: How to Order.

CONFIGURE YOUR PART NUMBER (EXAMPLE: SB50-12-1P-2-300-AL-V-B-CL)

A

MODEL

B

HOUSING
SIZE

C

INLET/
OUTLET

D

OUTLET
STYLE

E

PRESSURE
RATING

F

HOUSING
MATERIAL

G

COVER
GASKET

H

BASKET TYPE

I

TRIPOD
LEG

A	ROSEDALE® ALUMINUM SERIES MODEL	CODE
	MODEL 50	SB50
	MODEL 66	SB66
	MODEL 80	SB80

B	HOUSING SIZE	CODE
	SIZE 4 (MODEL 50)	12
	SIZE 8 (MODEL 66)	18
	SIZE 2 (MODEL 80)	30

C	INLET & OUTLET SIZE (NPT)	CODE
	1" (MODEL 50)	1P
	1½" (MODEL 66)	1½P
	2" (MODEL 80)	2P

D	OUTLET/ STYLE	CODE
	SIDE HIGH 180	2

E	PRESSURE RATING	CODE
	300PSI (MODEL 50)	300
	150PSI (MODEL 66)	150
	125PSI (MODEL 80)	125

F	HOUSING MATERIAL	CODE
	ALUMINUM	AL

G	COVER GASKET	CODE
	FLUOROELASTOMER	V

H	BASKET TYPE	CODE
	ALL-WELD	B

I	TRIPOD LEG ASSEMBLY	CODE
	CARBON STEEL LEGS	CL

Note: Available in-stock models listed. Consult factory for other customized options.

**Welcome
to the future of
liquid filtration
technology.**



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PRODUCTS INC.**

Separation, Filtration, & Purification Technology.™



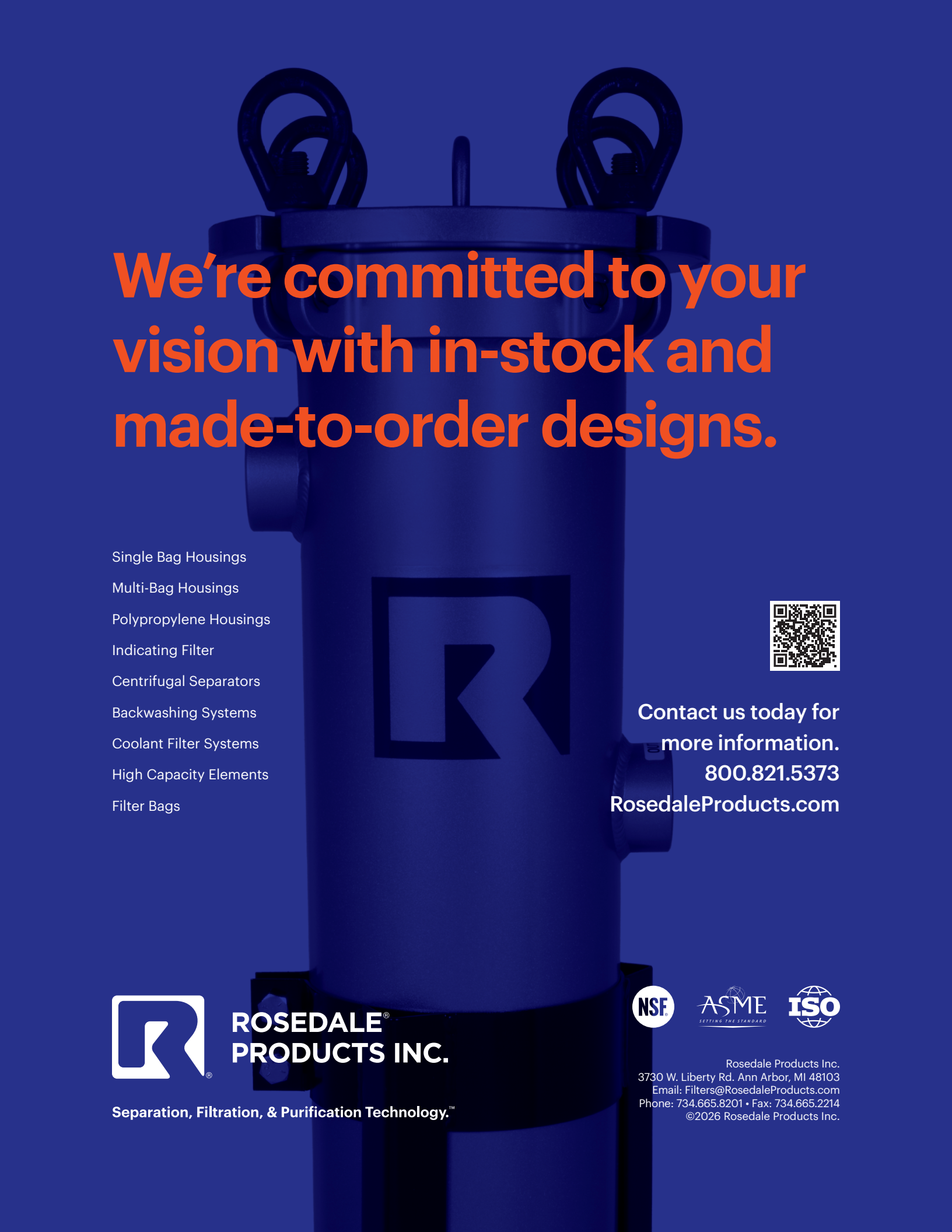
Rosedale Products, Inc. is a leading technology developer in the field of liquid filtration systems and waste minimization products for customers around the world. With more than 50 years of experience, Rosedale offers an exceptional product line that includes high-performance filtration solutions for multiple industries. Rosedale technicians help customers find the best, most cost-effective approaches to their filtration needs.

Rosedale's product line sets the industry standard in versatility and reliability and includes bag and cartridge filters, basket strainers, automatic back washing filters, filter cartridges, and many special application products. Together with ongoing consulting, troubleshooting, and support from our team of in-house experts, Rosedale provides comprehensive solutions for every critical industry filtration need. Rosedale manufactures industrial filtration products for virtually any industry where liquid and gas flows are present.

We have a vast product line that suits many needs, as well as the flexibility to customize standard products. Our sales staff has knowledge of many industrial practices, giving customers the confidence that their filter solution is the best available for their specific need. Our most popular products are bag filters, pleated cartridge filters, and basket strainers.

Speak with a product representative today. 800.821.5373.
For product details please visit [RosedaleProducts.com](https://www.RosedaleProducts.com).





We're committed to your vision with in-stock and made-to-order designs.

Single Bag Housings
Multi-Bag Housings
Polypropylene Housings
Indicating Filter
Centrifugal Separators
Backwashing Systems
Coolant Filter Systems
High Capacity Elements
Filter Bags



Contact us today for
more information.
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