

# LeSac

High Capacity Basket Strainers  
High Capacity Bag Filters

MODEL 6



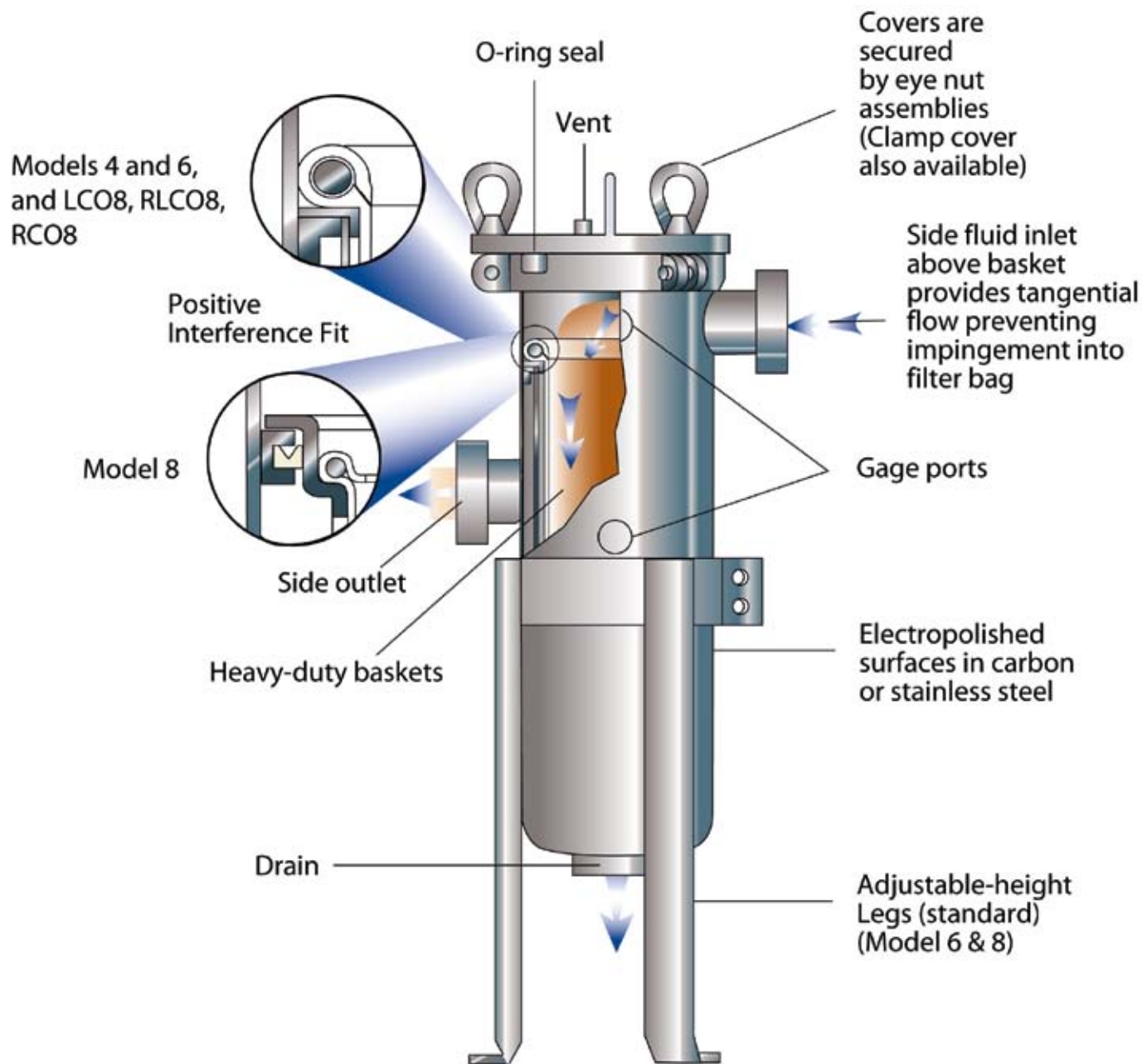
MODEL 4



MODEL 8



# Single-Bag Filter Features



Typical Filter

## Model 4 Basket Strainer and Bag Filters

Strainers or Bag Filters:  
Your Choice!

Model 4 strainer/filter housings are made in 2 sizes and 4 pressure ratings. In all cases, covers are easily removed without special tools, and the basket or bag is easily cleaned or replaced.

### Features

- Low pressure drops
- Permanently piped housings
- Covers are O-ring sealed
- Carbon steel, or stainless steel (304 or 316) construction for housings
- All housings are electropolished to resist adhesion of dirt and scale
- Easy to clean
- Adjustable-height legs, optional
- O-ring seals: Buna N, EPR, Viton®, Teflon®
- ASME code stamp available on select models
- Liquid displacers for easier servicing
- Four pressure ratings: 200 psi (with clamp cover) and 150, 300, or 500 psi (with eyenut cover)
- Duplex units are available
- Pipe sizes 3/4 thru 2-inch, NPT or flanged (standard 150 class flange)
- Two basket depths: 6, or 12 inches (nominal)

### Options

- Bag filter hold-down devices
- Sanitary construction
- Different outlet connections
- Higher pressure ratings
- Extra-length legs
- Heat jacketing
- Epoxy coating
- Displacers
- Magnets



Covers are secured by three eyenut assemblies. One of them acts as a hinge, when the cover is opened.



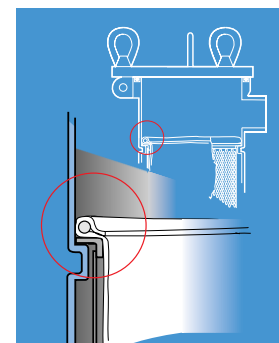
### Choosing A Basket Strainer Or Bag Filter

Choose between straining (removing particles down to 74 micron size) or filtering a fluid (removing particles down to 1 micron). This will direct you to choose the correct basket when ordering.

### Operation

Unfiltered liquid enters the housing above the bag or basket and passes down through them. Solids are contained inside the bag or basket, where they're easily and completely removed when the unit is serviced.

Fluid bypass around the basket is prevented because the outside diameter of the filter bag seals radially against the housing inside diameter. A single cover gasket is used to seal the opening, and covers can be installed and removed without tools.



### Pressure Drop Data

Basket strainers and bag filters are usually selected so that the pressure drop does not exceed 2 psi, when they are clean. Higher pressure drops may be tolerated, when contaminant loading is low. Bag change-out should occur at 15 psid.

The pressure drop data is accurate for all housings with strainer or bag filter baskets. When bag filters are added, total pressure drop becomes the sum of the pressure drop as determined by the steps below.

#### Follow these easy steps:

1. Using the desired pipe size and approximate flow rate, determine the basic pressure drop from the appropriate graph.
2. Multiply the pressure drop obtained in step 1 by the viscosity correction factor found in the accompanying table. This is the adjusted (clean) pressure drop for all baskets, without filter bags.
3. Add the pressure drop for the bag filter.

Bag Style and	Viscosity, cps								
	1 (H <sub>2</sub> O)	50	100	200	400	600	800	1000	2000
All unlined baskets	.65	.85	1.00	1.10	1.20	1.40	1.50	1.60	1.80
40-mesh lined	.73	.95	1.20	1.40	1.50	1.80	1.90	2.00	2.30
60-mesh lined	.77	1.00	1.30	1.60	1.70	2.10	2.20	2.30	2.80
80-mesh lined	.93	1.20	1.50	1.90	2.10	2.40	2.60	2.80	3.50
100-mesh lined	1.00	1.30	1.60	2.20	2.40	2.70	3.00	3.30	4.40
200-mesh lined	1.30	1.70	2.10	3.00	3.40	3.80	4.40	5.00	6.80

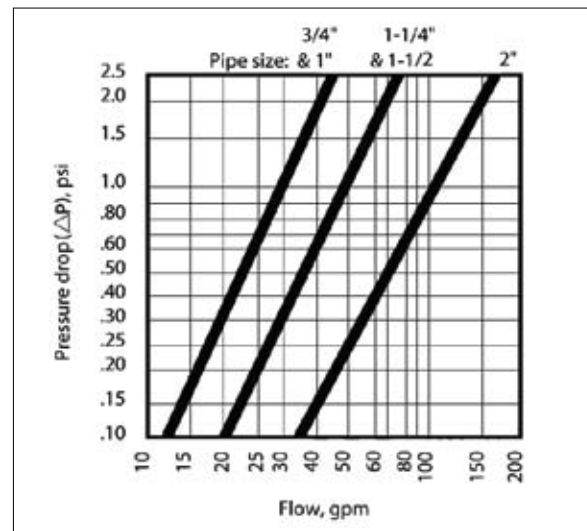
### Basket Data

Depth Nominal (inches)	Diameter (inches)	Surface Area (sq. ft.)	Volume (cu. in.)	Bag Size No.
6	3.9	0.5	65	3
12	3.9	1.0	130	4

### Model 4-For flow rates to 50 gpm\*

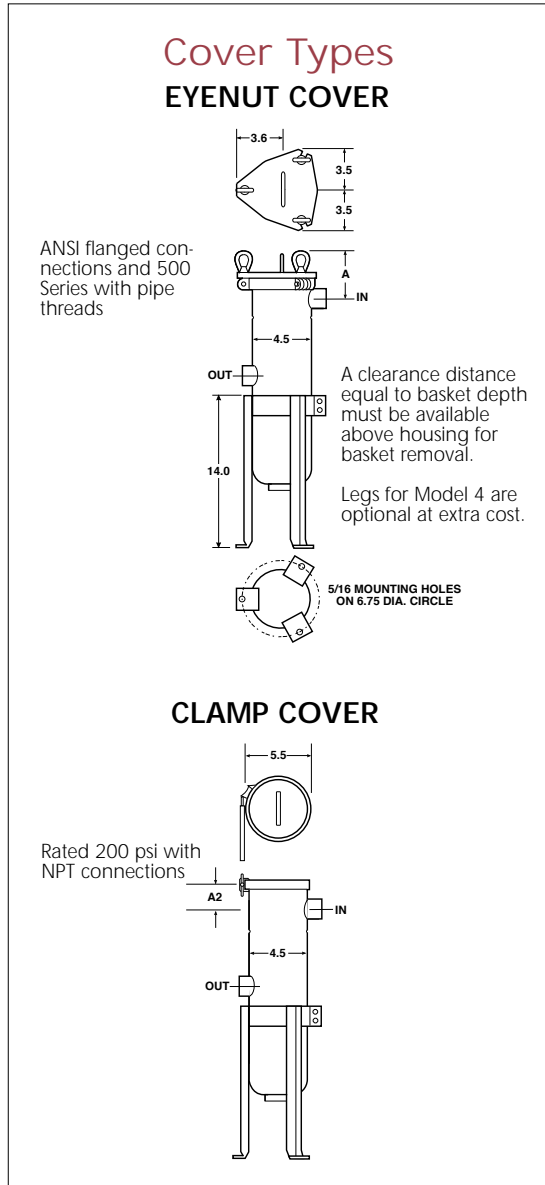


Clamp covers to the left and center, and eyenut cover to the right.



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

Dimensions (IN)

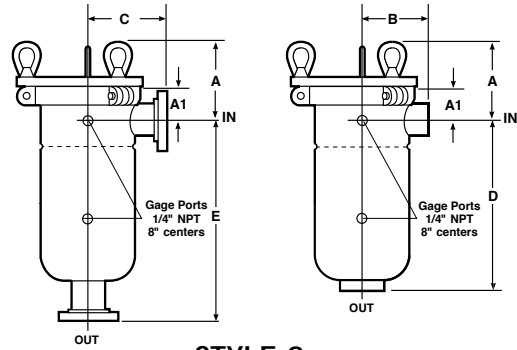


Outlet Styles

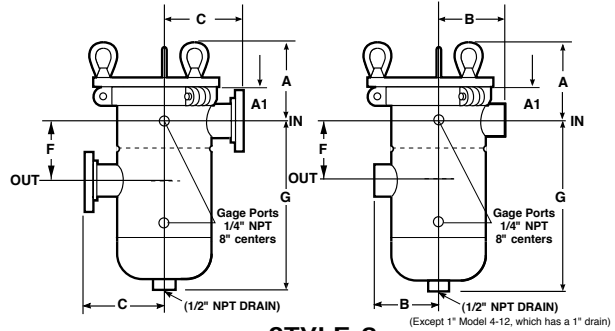
Flanged  
(150 lb. ANSI)

Threaded  
(NPT)

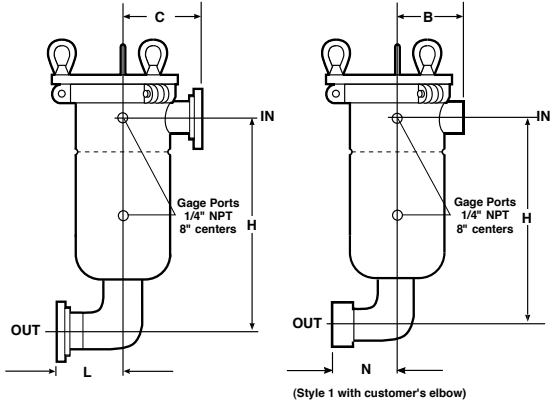
STYLE 1



STYLE 2



STYLE 3



Dimensions (IN)

Model	Pipe Size	A	A1	A2	B	C	D	E	F	G	H	L	N
4-6	3/4	5.5	1.9	2.3	3.5	5.0	10.0	12.0	4.5	10.1	10.5	4.0	2.0
	1	5.5	1.9	2.3	3.5	5.0	10.0	12.0	4.5	10.1	10.9	4.0	2.5
	1-1/4	6.1	2.5	2.9	3.5	5.0	9.4	12.0	4.5	9.5	10.6	4.0	2.9
	1-1/2	6.1	2.5	2.9	3.5	5.0	9.4	12.0	4.5	9.5	10.9	4.0	3.3
	2	6.1	2.5	2.9	3.5	5.0	9.3	12.0	4.5	9.5	11.6	5.0	4.0
4-12	3/4	5.5	1.9	2.3	3.5	5.0	16.0	18.0	4.5	16.1	16.5	4.0	2.0
	1	5.5	1.9	2.3	3.5	5.0	16.0	18.0	4.5	16.1	16.9	4.0	2.5
	1-1/4	6.1	2.5	2.9	3.5	5.0	15.4	18.0	4.5	15.5	16.6	4.0	2.9
	1-1/2	6.1	2.5	2.9	3.5	5.0	15.4	18.0	4.5	15.5	16.9	4.0	3.3
	2	6.1	2.5	2.9	3.5	5.0	16.3	18.0	4.5	15.5	17.6	5.0	4.0

# How To Order

Build an ordering code as shown in the example

HOUSING
OPTIONS

**Example: 4 - 12 - 2P - 1 - 500 - C - B - S - M 200 - D - C**

<p><b>MODEL NO.</b> 4 = 4 LCO 4 = LCO 4</p> <p><b>HOUSING SIZE</b> 6 inch = 6 12 inch = 12</p> <p><b>PIPE SIZE, NPT and FLANGED<sup>1</sup></b> 3/4-in. female NPT = 3/4P 1-in. female NPT = 1P 1-1/4-in. female NPT = 1-1/4P 1-1/2-in. female NPT = 1-1/2P 2-in. female NPT = 2P 3/4-in. 150 class ANSI flange = 3/4F 1-in. 150 class ANSI flange = 1F 1-1/4-in. 150 class ANSI flange = 1-1/4F 1-1/2-in. 150 class ANSI flange = 1-1/2F 2-in. 150 class ANSI flange = 2F</p> <p><b>OUTLET STYLE</b> Bottom = 1 Side = 2 Bottom elbow = 3</p> <p><b>PRESSURE RATING<sup>2</sup></b> 150 psi (flanged) = 150 200 psi (NPT) (LCO 4 only) = 200 300 psi (flanged) = 300 500 psi (NPT) = 500</p> <p><b>HOUSING MATERIAL</b> Carbon steel = C 304 stainless steel = S 316 stainless steel = S316</p>	<p><b>ASME CODE STAMP</b> C = Code</p> <p><b>DISPLACER</b> D = Displacer</p> <p><b>BASKET, MEDIA SIZE</b> No symbol if type B basket was selected Perforation diameters (for type P baskets) 1/4, 3/16, 9/64, 3/32, 1/16 Mesh sizes (for type M and BM baskets) 20, 30, 40, 50, 60, 70, 80, 100, 150, 200</p> <p><b>BASKET TYPE</b> PB = Filter bag basket, 9/64 perforations<sup>3</sup> P = Strainer basket, perforated metal BM = Filter bag basket, perforated, mesh lined<sup>3</sup> M = Strainer basket, perforated, mesh lined with spring handle HWM = Filter bag basket, heavy wire mesh<sup>3</sup></p> <p><b>BASKET SEAL</b> N = No seal (with bag type baskets) S = Seal required (on strainer type baskets)</p> <p><b>COVER SEAL</b> B = Buna N E = Ethylene Propylene V = Viton® Fluoroelastomer TEV = Teflon® Encapsulated Viton® TSW = Teflon® (solid white)</p>
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1. Flanges provided with the housing match the pressure rating of the vessel. Housings rated 150 psi have 150 class flanges. Housings rated 300 psi have 300 class flanges. ANSI B16.5 Pressure-Temperature rating tables determine flange class for ASME code housings. Consult factory.
2. Higher pressure ratings available. Consult factory.
3. Filter bags are specified separately.
4. 150 psi unit has 150 class flanges. 300 psi unit has 300 class flanges. 200 and 500 unit available in NPT only.

## Model 6 Basket Strainer and Bag Filters

Strainers or Bag Filters:  
Your Choice!

Model 6 strainer/filter housings are made in 3 sizes and 3 pressure ratings, and can serve as basket strainers (for particle retention down to 74 micron size) or as bag filters (for particle retention down to 1 micron size). In all cases, covers are easily removed without special tools, and the basket or bag is easily cleaned or replaced.

### Features

- Low pressure drops
- Permanently piped housings
- Covers are O-ring sealed  
Carbon steel, or stainless steel
- (304 or 316) construction for housings  
All housings are electropolished to
- resist adhesion of dirt and scale
- Easy to clean
- Adjustable-height legs, standard
- O-ring seals: Buna N, EPR,  
Viton<sup>®</sup>, Teflon<sup>®</sup>
- ASME code stamp available  
Three pressure ratings: 150, 210  
or 300 psi
- Duplex units are available  
Can provide 3.4 square feet of basket  
or bag surface area without need for
- ASME code construction  
Three basket depths: 12, 18, or 30  
inches (nominal)
- Special alloys

### Options

- Sanitary construction
- Different outlet connections
- Higher pressure ratings
- Extra-length legs
- Heat jacketing
- Liquid displacers for easier servicing



Covers are secured by three eyenut assemblies. One of them acts as a hinge, when the cover is opened.



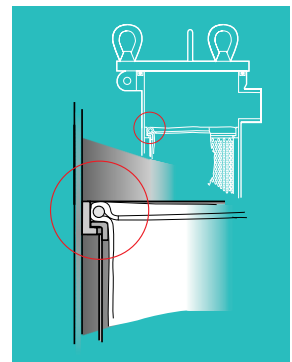
### Choosing a Basket Strainer or Bag Filter

Choose between straining (removing particles down to 74 micron size) or filtering a fluid (removing particles down to 1 micron). This will direct you to the correct basket when ordering.

### Operation

Unfiltered liquid enters the housing above the bag or basket and passes down through them. Solids are contained inside the bag or basket, where they are easily and completely removed when the unit is serviced.

Fluid bypass around the basket is prevented because the outside diameter of the bag filter seals against the housing inside diameter.



A single cover gasket is used to seal the opening, and covers can be installed and removed without tools.

### Pressure Drop Data

Basket strainers and bag filters are usually selected so that the pressure drop does not exceed 2 psi, when they are clean. Higher pressure drops may be tolerated, when contaminant loading is low. Bag change should occur at 15 psid.

The pressure drop data is accurate for all housings with strainer or bag filter baskets. When bag filters are added, total pressure drop becomes the sum of the pressure drop as determined by the steps below, plus the pressure drop through the bag as defined in the Filter Bag section.

### Follow these easy steps:

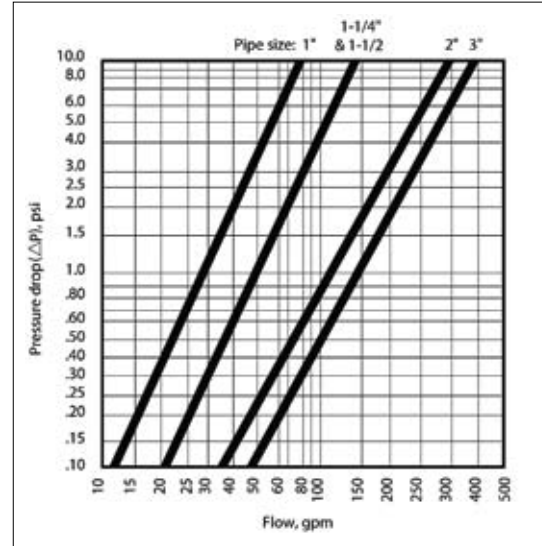
1. Using the desired pipe size and approximate flow rate, determine the basic pressure drop from the appropriate graph.
2. Multiply the pressure drop obtained in step 1 by the viscosity correction factor found in the accompanying table. This is the adjusted (clean) pressure drop for all baskets, without bag filters.
3. Add the pressure drop for the bag filter.

	1 (H <sub>2</sub> O)	Viscosity, cps							
		50	100	200	400	600	800	1000	2000
All unlined baskets	.65	.85	1.00	1.10	1.20	1.40	1.50	1.60	1.80
40-mesh lined	.73	.95	1.20	1.40	1.50	1.80	1.90	2.00	2.30
60-mesh lined	.77	1.00	1.30	1.60	1.70	2.10	2.20	2.30	2.80
80-mesh lined	.93	1.20	1.50	1.90	2.10	2.40	2.60	2.80	3.50
100-mesh lined	1.00	1.30	1.60	2.20	2.40	2.70	3.00	3.30	4.40
200-mesh lined	1.30	1.70	2.10	3.00	3.40	3.80	4.40	5.00	6.80

### Basket Data

Depth Nominal (inches)	Diameter (inches)	Surface Area (sq. ft.)	Volume (cu. in.)	Bag Size No.
12	5	1.3	235	7
18	5	2.0	350	8
30	5	3.4	630	9

### Model 6-For flow rates to 100 gpm\*



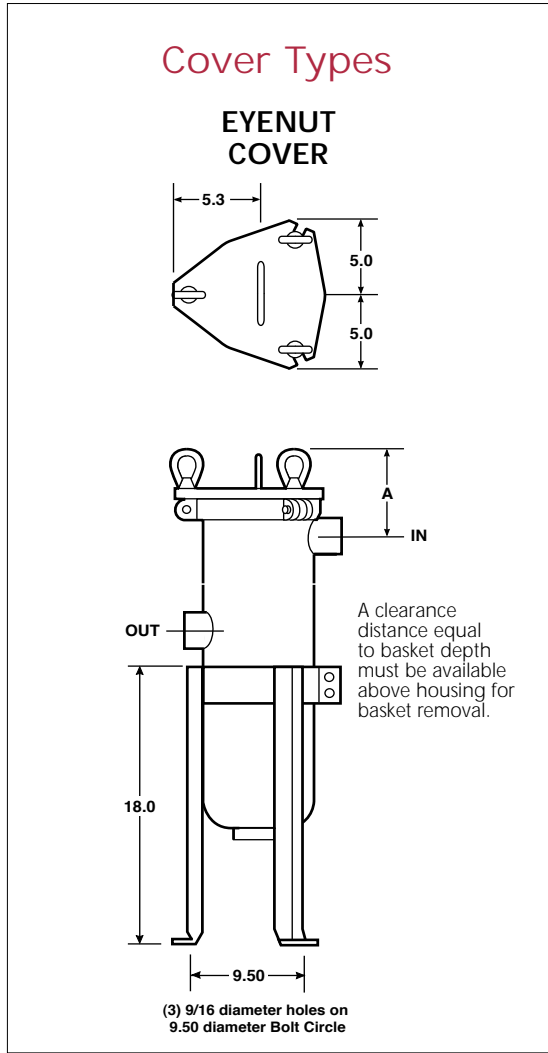
\*Based on housing only. Fluid viscosity, bag filter used, and expected dirt loading should be considered when sizing a filter.



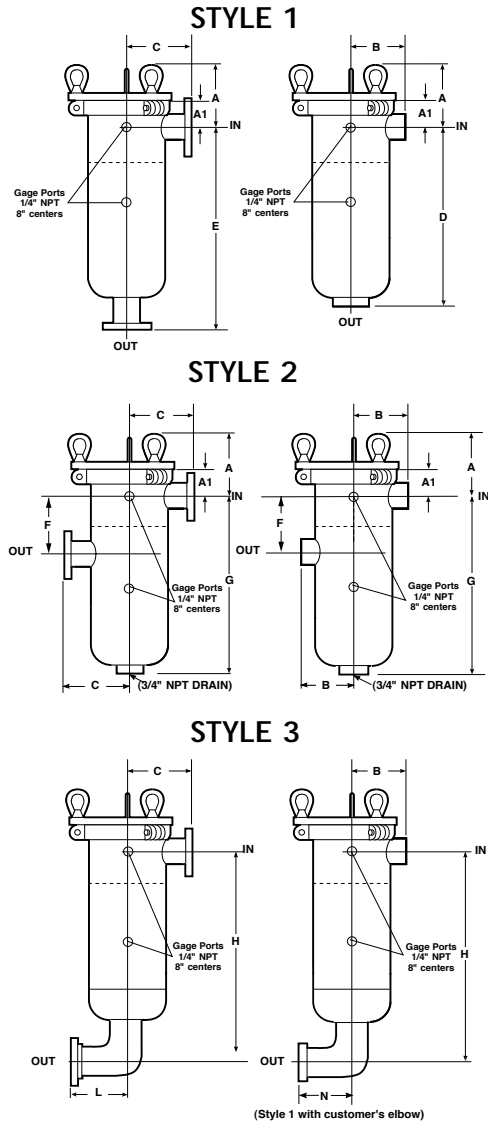
Eyenuit covers with bag filter and basket or basket strainer.



Dimensions (IN)



**Outlet Styles**  
 Flanged (150 lb. ANSI)      Threaded (NPT)



Dimensions (IN)

Model	Pipe Size	A	A1	B	C	D	E	F	G	H	L	N
6-12	1	6.3	2.5	4.3	6.0	17.6	19.0	4.3	17.4	18.1	5.0	2.5
	1-1/4	6.3	2.5	4.3	6.0	17.6	19.0	4.7	17.4	18.4	5.0	2.9
	1-1/2	6.3	2.5	4.3	6.0	17.6	19.0	4.7	17.4	18.8	5.0	3.3
	2	7.1	3.4	4.3	6.0	16.6	19.0	6.6	16.5	18.6	5.0	4.0
	3	7.1	3.4	4.3	6.0	17.0	19.0	6.6	16.5	19.9	7.3	6.1
6-18	1	6.3	2.5	4.3	6.0	22.8	24.3	4.3	22.7	23.3	5.0	2.5
	1-1/4	6.3	2.5	4.3	6.0	22.8	24.3	4.7	22.7	23.7	5.0	2.9
	1-1/2	6.3	2.5	4.3	6.0	22.8	24.3	4.7	22.7	24.0	5.0	3.3
	2	7.1	3.4	4.3	6.0	21.8	24.3	6.6	21.8	23.8	5.0	4.0
	3	7.1	3.4	4.3	6.0	22.3	24.3	6.6	21.8	25.3	7.3	6.1
6-30	1	6.3	2.5	4.3	6.0	32.8	34.3	4.3	32.7	33.3	5.0	2.5
	1-1/4	6.3	2.5	4.3	6.0	32.8	34.3	4.7	32.7	33.7	5.0	2.9
	1-1/2	6.3	2.5	4.3	6.0	32.8	34.3	4.7	32.7	34.0	5.0	3.3
	2	7.1	3.4	4.3	6.0	31.8	34.3	6.6	31.8	33.8	5.0	4.0
	3	7.1	3.4	4.3	6.0	32.3	34.3	6.6	31.8	35.3	7.3	6.1

# How To Order

Build an ordering code as shown in the example

Housing
Options

**Example: 6 - 30 - 3P - 1 - 300 - C - B - S - M 200 - D - C**

<p><b>MODEL NO.</b> 6 = 6</p> <p><b>HOUSING SIZE</b> 12 inch = 12 18 inch = 18 30 inch = 30</p> <p><b>PIPE SIZE, NPT and FLANGED<sup>1</sup></b> 3/4-in. female NPT = 3/4P 1-in. female NPT = 1P 1-1/4-in. female NPT = 1-1/4P 1-1/2-in. female NPT = 1-1/2P 2-in. female NPT = 2P 3-in. female NPT = 3P 3/4-in. 150 class ANSI flange = 3/4F 1-in. 150 class ANSI flange = 1F 1-1/4-in. 150 class ANSI flange = 1-1/4F 1-1/2-in. 150 class ANSI flange = 1-1/2F 2-in. 150 class ANSI flange = 2F 3-in. 150 class ANSI flange = 3F</p> <p><b>OUTLET STYLE</b> Bottom = 1 Side = 2 Bottom elbow = 3</p> <p><b>PRESSURE RATING<sup>2</sup></b> 150 psi (flanged or NPT) = 150 210 psi (flanged or NPT) = 210 300 psi (flanged or NPT) = 300</p> <p><b>HOUSING MATERIAL</b> Carbon steel = C 304 stainless steel = S 316 stainless steel = S316</p>	<p><b>ASME CODE STAMP</b> C = Code</p> <p><b>DISPLACER</b> D = Displacer</p> <p><b>BASKET, MEDIA SIZE</b> No symbol if type B basket was selected Perforation diameters (for type P baskets) 1/4, 3/16, 9/64, 3/32, 1/16 Mesh sizes (for type M and BM baskets) 20, 30, 40, 50, 60, 70, 80, 100, 150, 200</p> <p><b>BASKET TYPE</b> PB = Filter bag basket, 9/64 perforations<sup>3</sup> P = Strainer basket, perforated metal BM = Filter bag basket, perforated, mesh lined<sup>3</sup> M = Strainer basket, perforated, mesh lined HWM = Filter bag basket, heavy wire mesh<sup>3</sup></p> <p><b>BASKET SEAL</b> N = No seal (never on Models 4 &amp; 6 bag-type baskets) S = Seal required (always on Model 8 bag-type baskets)</p> <p><b>COVER SEAL</b> B = Buna N E = Ethylene Propylene V = Viton® Fluoroelastomer TEV = Teflon® Encapsulated Viton® TSW = Teflon® (solid white)</p>	<p><b>ASME CODE STAMP</b> C = Code</p> <p><b>DISPLACER</b> D = Displacer</p> <p><b>BASKET, MEDIA SIZE</b> No symbol if type B basket was selected Perforation diameters (for type P baskets) 1/4, 3/16, 9/64, 3/32, 1/16 Mesh sizes (for type M and BM baskets) 20, 30, 40, 50, 60, 70, 80, 100, 150, 200</p> <p><b>BASKET TYPE</b> PB = Filter bag basket, 9/64 perforations<sup>3</sup> P = Strainer basket, perforated metal BM = Filter bag basket, perforated, mesh lined<sup>3</sup> M = Strainer basket, perforated, mesh lined HWM = Filter bag basket, heavy wire mesh<sup>3</sup></p> <p><b>BASKET SEAL</b> N = No seal (never on Models 4 &amp; 6 bag-type baskets) S = Seal required (always on Model 8 bag-type baskets)</p> <p><b>COVER SEAL</b> B = Buna N E = Ethylene Propylene V = Viton® Fluoroelastomer TEV = Teflon® Encapsulated Viton® TSW = Teflon® (solid white)</p>
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1. Flanges provided with the housing match the pressure rating of the vessel. Housings rated 150 psi have 150 class flanges. Housings rated 300 psi have 300 class flanges. ANSI B16.5 Pressure-Temperature rating tables determine flange class for ASME code housings. Consult factory.
2. Higher pressure ratings available. Consult factory.
3. Filter bags are specified separately.
4. 150 psi unit has 150 class flanges. 300 psi unit has 300 class flanges. 210 psi unit available only in NPT.

## Model 8 Basket Strainer and Bag Filters

Strainers or bag filters:  
Your choice!

Model 8 strainer/filter housings are made in 2 sizes and 2 pressure ratings, and can serve as basket strainers (for particle retention down to 74 micron size) or as bag filters (for particle retention down to 1 micron size). In all cases, covers are easily removed, without tools, and the basket or bag is easily cleaned or replaced.

### Features

- Low pressure drops
- Permanently piped housings
- Covers are O-ring sealed
- Carbon steel, or stainless steel (304 or 316) construction for housings
- All housings are electropolished to resist adhesion of dirt and scale
- Easy to clean
- Adjustable-height legs, standard
- Large-area, heavy-duty baskets
- O-ring seals: Buna N, EPR, Viton®, Teflon®
- ASME code stamp available
- Two pressure ratings: 150 and 300
- Duplex units are available
- Pipe sizes 3/4 thru 6-inch, NPT or flanged
- Two basket depths: 15 or 30 inches (nominal)

### Options

- Sanitary construction
- Different outlet connections
- Higher pressure ratings
- Extra-length legs
- Heat jacketing
- Adapters for holding filter cartridges
- Liquid displacers for easier servicing
- Can be fitted with an adapter to hold cartridge filter elements



Covers are secured by three eyenut assemblies. One of them acts as a hinge, when the cover is opened.



### Dual Stage Straining/Filter

All Model 8 housings can be supplied with a second, inner basket, which is supported on the top flange of the regular basket. Both baskets can be strainers (with or without wire mesh linings) or both can be baskets for filter bags. They can also be mixed: one a strainer basket, the other a filter bag basket. Dual-stage action will increase strainer or filter life and reduce servicing needs.

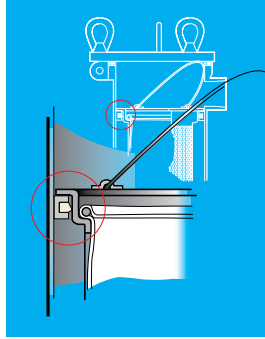
### Choosing A Basket Strainer Or Bag Filter

Choose between straining (removing particles down to 74 micron size) or filtering a fluid (removing particles down to 1 micron). This will direct you in selecting the correct basket when ordering.

### Operation

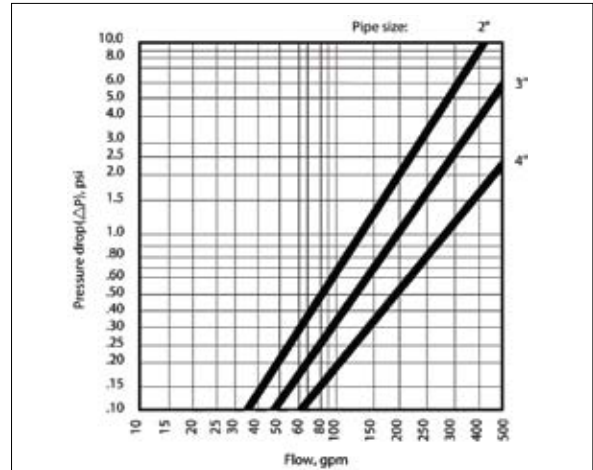
Unfiltered liquid enters the housing above the bag or basket and passes down through them. Solids are contained inside the bag or basket, where they are easily removed when the unit is serviced.

A basket bail is pushed down by the closed cover to hold the basket against a positive stop in the housing. A radial seal prevents bypass of unfiltered liquid.



	Viscosity, cps								
	1 (H <sub>2</sub> O)	50	100	200	400	600	800	1000	2000
All unlined baskets	.65	.85	1.00	1.10	1.20	1.40	1.50	1.60	1.80
40-mesh lined	.73	.95	1.20	1.40	1.50	1.80	1.90	2.00	2.30
60-mesh lined	.77	1.00	1.30	1.60	1.70	2.10	2.20	2.30	2.80
80-mesh lined	.93	1.20	1.50	1.90	2.10	2.40	2.60	2.80	3.50
100-mesh lined	1.00	1.30	1.60	2.20	2.40	2.70	3.00	3.30	4.40
200-mesh lined	1.30	1.70	2.10	3.00	3.40	3.80	4.40	5.00	6.80

### Model 8-For flow rates to 220 gpm\*



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

### Pressure Drop Data

Basket strainers and bag filters are usually selected so that the pressure drop does not exceed 2 psi, when they are clean. Higher pressure drops may be tolerated, when contaminant loading is low. Bag change occurs at 15 psid.

The pressure drop data is accurate for all housings with strainer or filter bag baskets. When filter bags are added, total pressure drop becomes the sum of the pressure drop as determined by the steps below.

#### Follow these easy steps:

1. Using the desired pipe size and approximate flow rate, determine the basic pressure drop from the appropriate graph.
2. Multiply the pressure drop obtained in step 1 by the viscosity correction factor found in the accompanying table. This is the adjusted (clean) pressure drop for all baskets without filter bags.
3. Add the pressure drop for the bag.

### Basket Data

Depth Nominal (inches)	Diameter (inches)	Surface Area (sq. ft.)	Volume (cu. in.)	Bag Size No.
15	6.7	2.3	500	1
30	6.7	4.4	1000	2



Eyenuit covers with filter bag and basket.

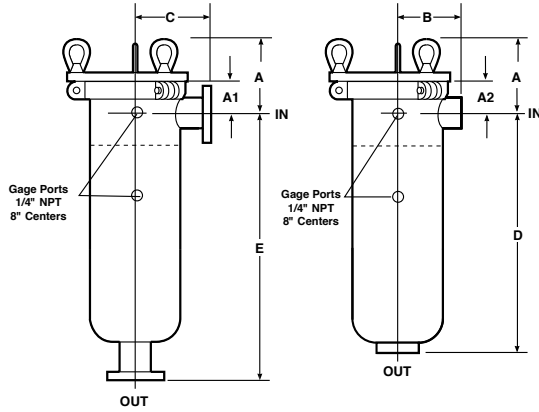
Dimensions (IN)

Outlet Styles

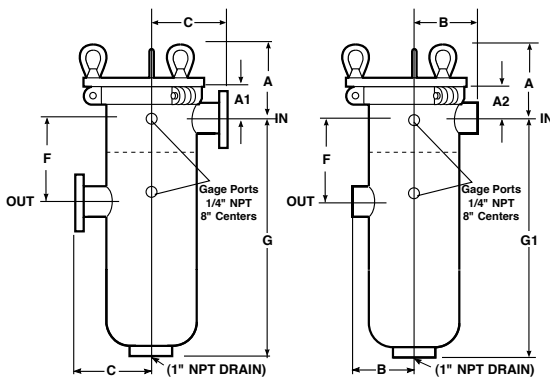
Flanged  
(150 lb. ANSI)

Threaded  
(NPT)

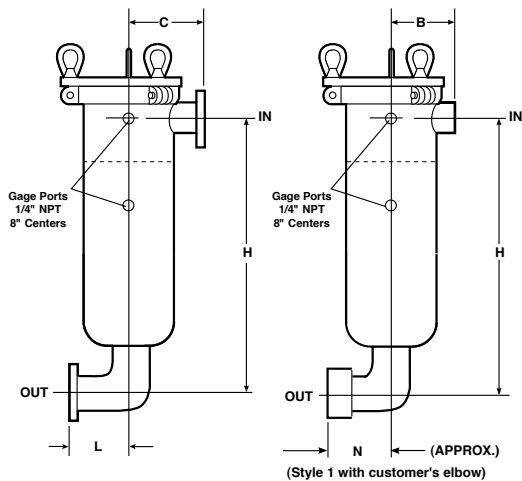
STYLE 1



STYLE 2



STYLE 3

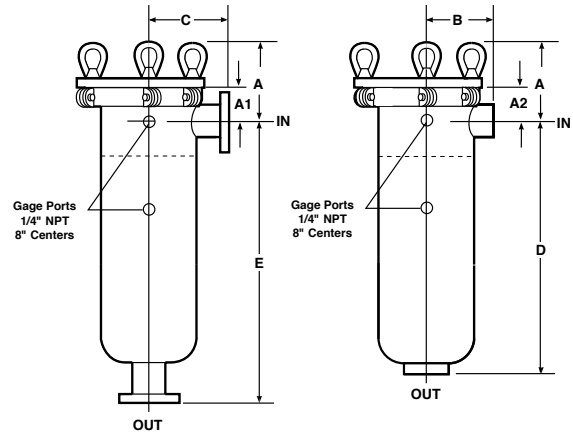


Outlet Styles

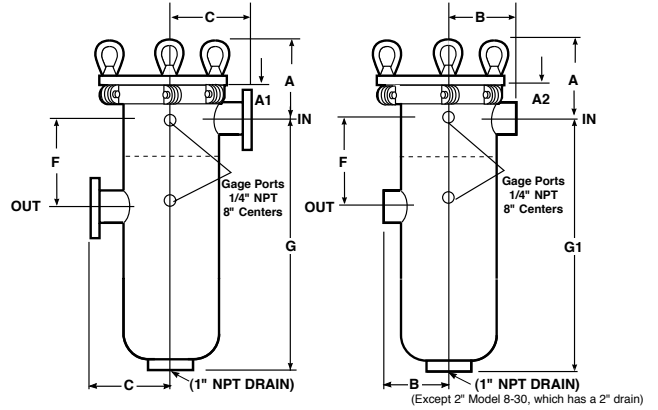
Flanged  
(300 lb. ANSI)

Threaded  
(NPT)

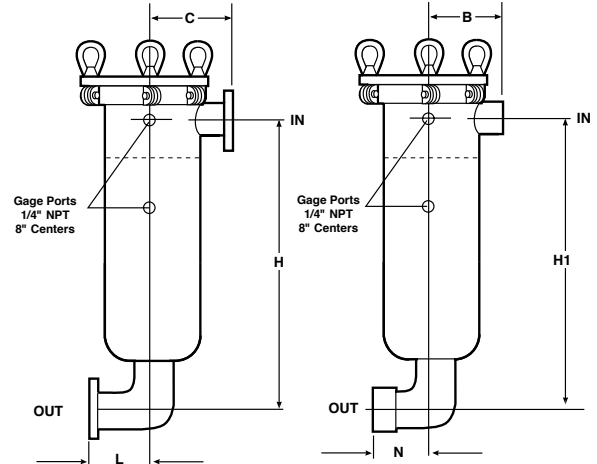
STYLE 1



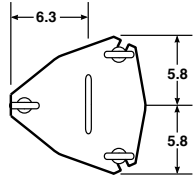
STYLE 2



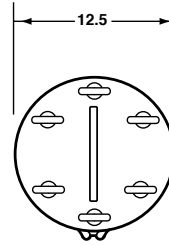
STYLE 3



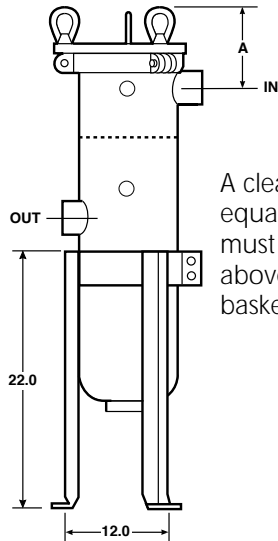
Cover Types



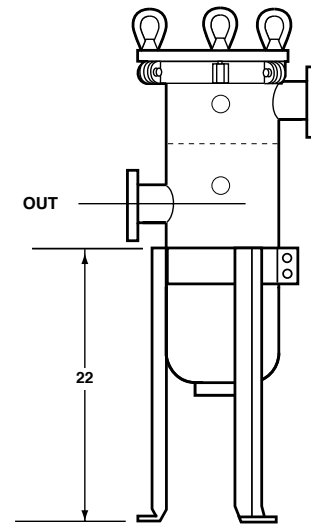
150 PSIG Design



300 PSIG Design



(3) 9/16 diameter holes on 12.0" diameter Bolt Circle



Dimensions (IN) 150 PSIG Design

Model	Pipe Size	A	A1	A2	B	C	D	E	F	G	G1	H	H1	L	N
8-15	2	6.6	2.9	2.9	5.9	7.5	21.2	23.5	4.9	21.0	21.0	23.2	23.2	5.0	4.06
	3	7.5	3.7	3.7	6.8	7.5	22.5	24.6	6.6	21.9	21.9	25.4	25.4	7.25	6.12
	4	7.5	3.7	5.0	6.8	8.6	22.5	25.1	8.4	21.9	20.6	26.8	25.6	9.0	7.75
	6	9.0	5.2	5.9	7.1	8.6	23.6	26.0	9.0	23.4	22.8	30.9	30.3	12.5	11.0
8-30	2	6.6	2.8	2.9	5.9	7.5	36.2	38.5	4.9	36.0	36.0	38.2	38.2	5.0	4.06
	3	7.5	3.7	3.7	6.7	7.5	37.5	39.6	6.6	36.9	36.9	40.4	40.4	7.25	6.12
	4	7.5	3.7	5.0	6.7	8.6	37.5	40.1	8.4	36.9	35.6	41.8	40.6	9.0	7.75
	6	9.0	5.2	5.9	7.1	8.6	38.6	41.0	9.0	38.4	37.8	45.9	45.3	12.5	11.0

Dimensions (IN) 300 PSIG Design

Model	Pipe Size	A	A1/A2	B	C	D	E	F	G/G1	H/H1	L	N
8-15	2	7.6	3.8	5.9	7.5	21.2	23.5	4.9	21.0	23.2	5.0	4.06
	3	8.9	5.0	6.8	8.6	22.5	24.6	6.6	21.9	25.4	7.25	6.12
	4	8.9	5.0	6.8	9.6	22.5	25.1	8.4	21.9	26.8	9.0	7.75
	6	10.1	6.2	6.3	10.0	23.6	26.0	9.0	23.4	30.9	12.5	11.0
8-30	2	7.6	3.8	5.9	7.5	36.0	38.5	4.9	36.0	38.2	5.0	4.06
	3	8.9	5.0	6.8	7.5	36.7	39.6	6.6	36.9	40.4	7.25	6.12
	4	8.9	5.0	6.8	8.6	36.5	40.1	8.4	36.9	41.8	9.0	7.75
	6	10.1	6.2	7.1	8.6	38.6	41.0	9.0	38.4	45.9	12.5	11.0

# How To Order

Build an ordering code as shown in the example

OPTIONAL INNER BASKET  
**Example:** 8-15-3P-1-150-C-B-S-M-200-D-C - 2M 50

<p><b>MODEL NO.</b> 8 = 8</p> <p><b>HOUSING SIZE</b> 15 inch = 15 30 inch = 30</p> <p><b>PIPE SIZE, NPT and FLANGED<sup>1</sup></b>              3/4-in. female NPT = 3/4P              1-in. female NPT = 1P              1-1/4-in. female NPT = 1-1/4P              1-1/2-in. female NPT = 1-1/2P              2-in. female NPT = 2P              3-in. female NPT = 3P              3/4-in. 150 class ANSI flange = 3/4F              1-in. 150 class ANSI flange = 1F              1-1/4-in. 150 class ANSI flange = 1-1/4F              1-1/2-in. 150 class ANSI flange = 1-1/2F              2-in. 150 class ANSI flange = 2F              3-in. 150 class ANSI flange = 3F              4-in. 150 class ANSI flange = 4F              6-in. 150 class ANSI flange = 6F</p> <p><b>OUTLET STYLE</b>              Bottom = 1              Side = 2              Bottom elbow = 3</p> <p><b>PRESSURE RATING<sup>2</sup></b>              150 psi (NPT or flanged) = 150              300 psi (NPT or flanged) = 300</p> <p><b>HOUSING MATERIAL</b>              Carbon steel = C              304 stainless steel = S              316 stainless steel = S316</p> <p><b>COVER SEAL</b>              Buna N = B              Ethylene Propylene = E              Viton® Fluoroelastomer = V              Teflon® Encapsulated Viton® (6 Bolt Cover) = TEV              Teflon® (solid white) = TSW</p> <p><b>BASKET SEAL</b>              Seal required = S</p>	<p><b>HOUSING</b></p> <p><b>OPTIONS</b></p>	<p><b>FOR MODEL 8 ONLY</b></p> <p><b>OPTIONAL INNER BASKET, MEDIA SIZE-No symbol if type 2B basket was selected</b></p> <p>Perforation diameters (for type 2P baskets) 1/4, 3/16, 9/64, 3/32, 1/16</p> <p>Mesh sizes (for type 2M and 2BM baskets) 20, 30, 40, 50, 60, 70, 80, 100, 150, 200</p> <p><b>OPTIONAL INNER BASKET TYPE</b>              2B = Filter bag basket, 9/94 perforations<sup>3</sup>              2P = Strainer basket, perforated metal              2BM = Filter bag basket, perforated, mesh lined<sup>3</sup>              2M = Strainer basket, perforated, mesh lined</p> <p><b>ASME CODE STAMP</b>              C = Code</p> <p><b>DISPLACER</b>              D = Displacer</p> <p><b>BASKET, MEDIA SIZE-No symbol if type B basket was selected</b>              Perforation diameters (for type P baskets) 1/4, 3/16, 9/64, 3/32, 1/16</p> <p>Mesh sizes (for type M and BM baskets) 20, 30, 40, 50, 60, 70, 80, 100, 150, 200</p> <p><b>BASKET TYPE</b>              PB = Filter bag basket, 9/64 perforations<sup>3</sup>              P = Strainer basket, perforated metal              BM = Filter bag basket, perforated, mesh lined<sup>3</sup>              M = Strainer basket, perforated, mesh lined              HWM = Filter bag basket, heavy wire mesh<sup>3</sup></p>
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**NOTE:**

1. Flanges provided with the housing match the pressure rating of the vessel. Housings rated 150 psi have 150 class flanges. Housings rated 300 psi have 300 class flanges. ANSI B16.5 Pressure-Temperature rating tables determine flange class for ASME code housings. Consult factory.
2. Higher pressure ratings available. Consult factory.
3. Filter bags are specified separately.
4. 150 psi unit has 150 class flanges. 300 psi unit has 300 class flanges.

# LeSac

## CORPORATION

1941 W. County Road C-2

Roseville, MN 55113

Phone: 651-633-0550

Fax: 651-633-6797

Email: [sales@mmrogness.com](mailto:sales@mmrogness.com)

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