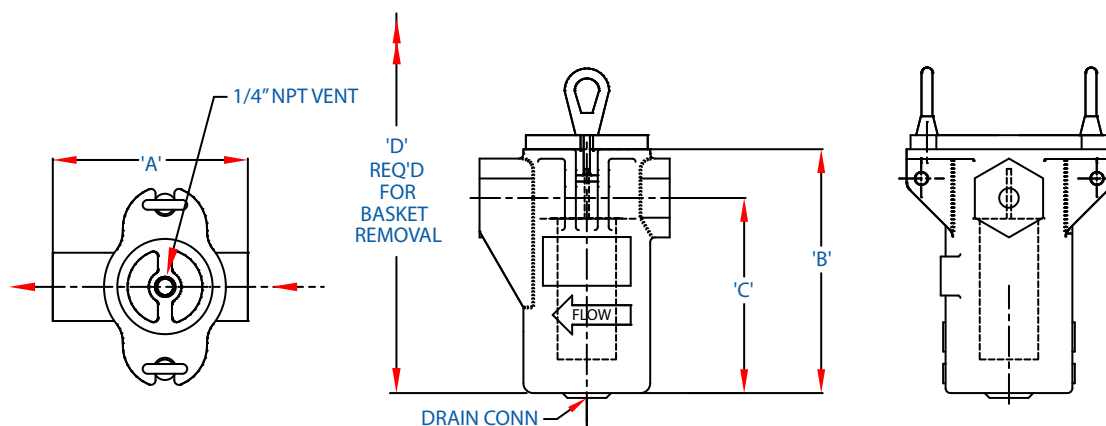
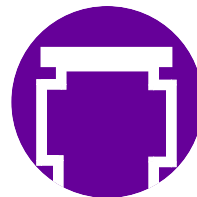


Series 115 NPT Basket Strainer

Cast Iron, Cast Steel, and Cast 316 Stainless Steel

Swing Bolt O-Ring Closure



Size Connection	A	B	C	D	Drain NPT	Weight	Cv
3/4" NPT 20 mm	5" 127.0 mm	6-1/4" 158.8 mm	5" 127.0 mm	12-1/4" 311.2 mm	1/4" NPT	11 lbs. 5 kg.	15 GPM 57 LPM
1" NPT 25 mm	5" 127.0 mm	6-1/4" 158.8 mm	5" 127.0 mm	12-1/4" 311.2 mm	1/4" NPT	11 lbs. 5 kg.	25 GPM 95 LPM
1-1/4" NPT 32 mm	7-5/8" 193.7 mm	9-3/4" 247.7 mm	8" 203.2 mm	18-3/4" 476.3 mm	1/4" NPT	33 lbs. 15 kg.	32 GPM 121.6 LPM
1-1/2" NPT 38 mm	7-5/8" 193.7 mm	9-3/4" 247.7 mm	8" 203.2 mm	18-3/4" 476.3 mm	1/4" NPT	33 lbs. 15 kg.	53 GPM 201.4 LPM
2" NPT 50 mm	7-5/8" 193.7 mm	9-3/4" 247.7 mm	8" 203.2 mm	18-3/4" 476.3 mm	1/4" NPT	33 lbs. 15 kg.	85 GPM 323 LPM

Notes: Other drain sizes and vents are available for special applications.
Dimensions subject to change without notice. Apply for certified drawings.

Standard Construction			
	Cast Iron	Cast Steel	Cast 316 Stainless Steel
Body	Class 30 ASTM A126B	A216 Grade WCB	A351 Grade CF8M
Cover	Class 30 ASTM A126B	A216 Grade WCB	A351 Grade CF8M
O-ring	Viton	Viton	Viton
Basket	Available in 1/32", 1/16", or 1/8" perforations and 40 mesh and 80 mesh - 316 Stainless Steel		

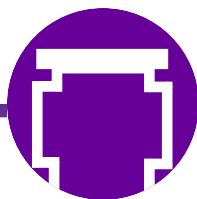
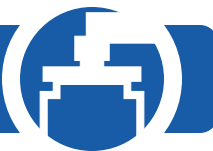
Operating Limits on Seal Gaskets		
Elastomer	°F	°C
Buna-N	257	125
EPMD	302	150
Viton ¹	437	225
Silicone ²	482	250

¹Supplied as standard

²Do not use for paint applications

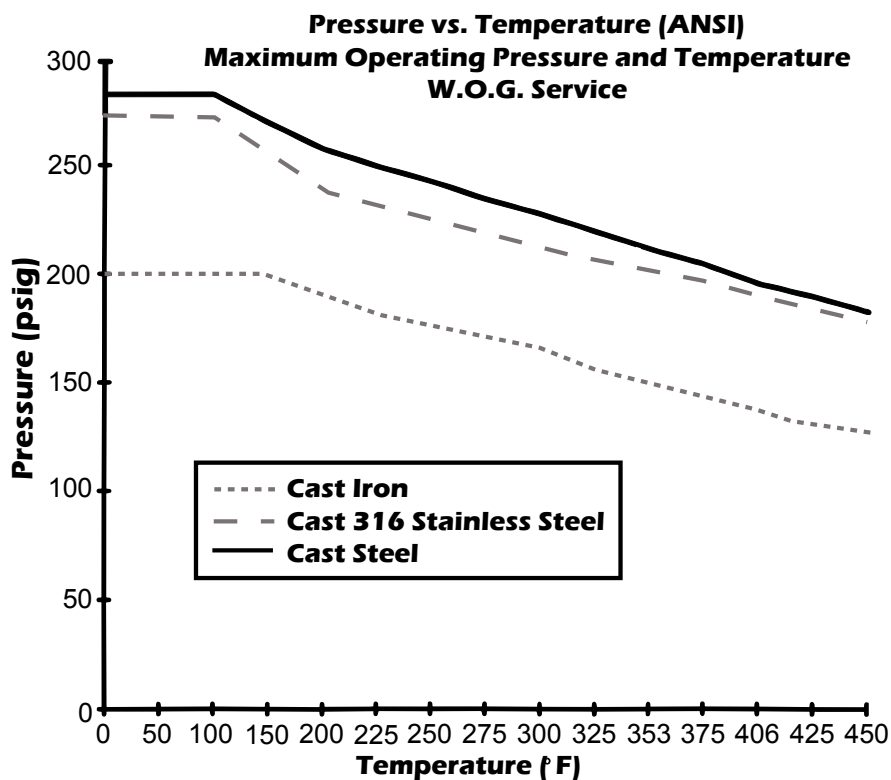
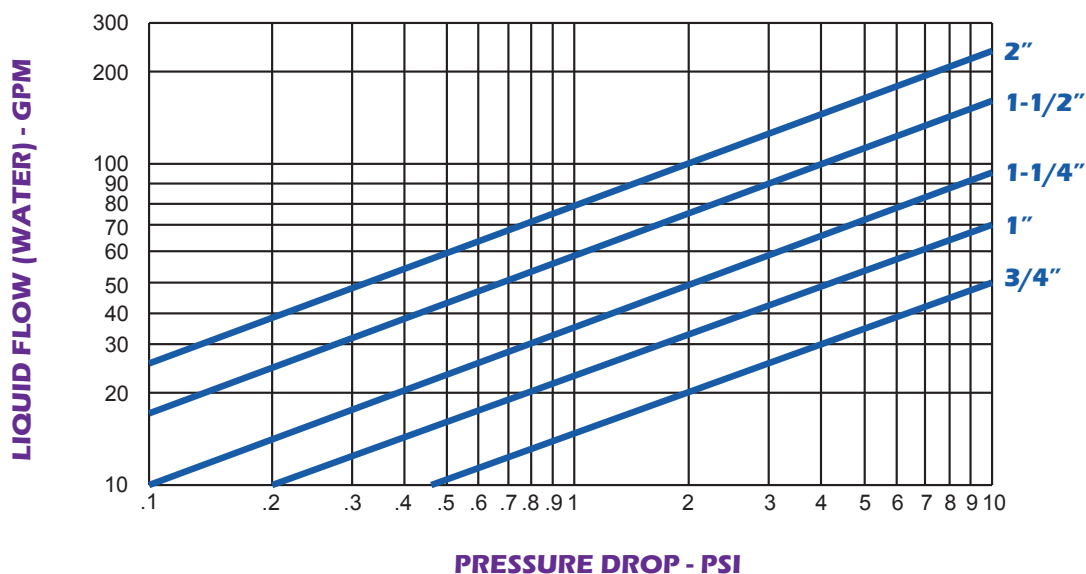
Options

- Baskets are available in other materials, perforations, and meshes. Please consult the factory
- British thread sizes (BSP) available upon request.

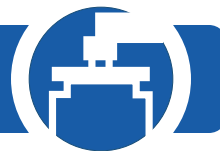


Series 115 NPT Basket Strainer

Cast Iron, Cast Steel, and Cast 316 Stainless Steel
 Swing Bolt O-Ring Closure



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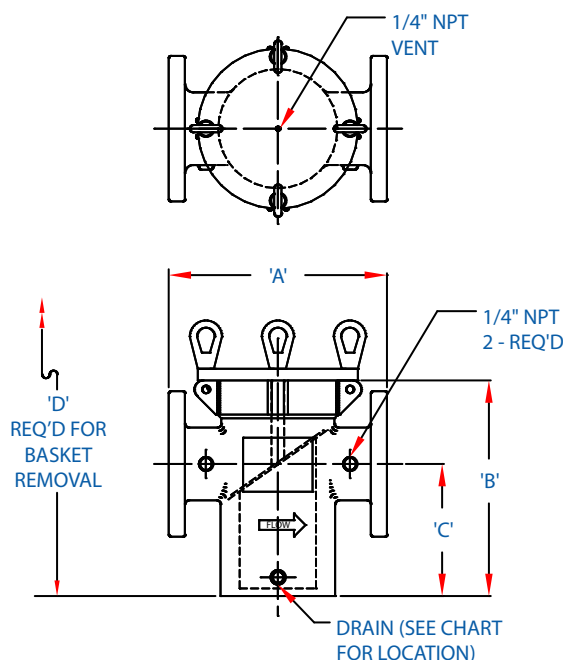
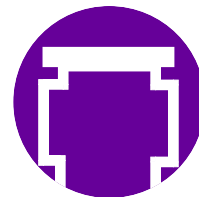


Series 105 Simplex Strainer

Cast Iron

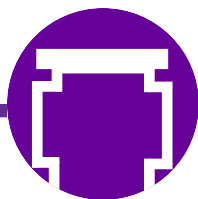
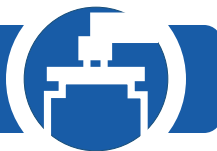
Swing Bolt O-Ring Closure, Flanged Connection

Class 125 ANSI Flat Face Flange Rating



Size Connection	A	B	C	D	Drain Size and Location	Weight	Cv
2"-125# FF 50 mm	11-3/4" 298.5 mm	9-3/4" 247.7 mm	8" 203.2 mm	18-3/4" 476.3 mm	1/4" NPT Bottom	47 lbs. 21.3 kg.	85 GPM 323 LPM
2-1/2"-125# FF 65 mm	13" 330.2 mm	13-7/8" 352.4 mm	8-1/2" 215.9 mm	27" 685.8 mm	1/2" NPT Bottom	71 lbs. 32.2 kg.	125 GPM 475 LPM
3"-125# FF 80 mm	13" 330.2 mm	13-7/8" 352.4 mm	8-1/2" 215.9 mm	27" 685.8 mm	1/2" NPT Bottom	85 lbs. 38.5 kg.	200 GPM 760 LPM
4"-125# FF 100 mm	13-1/2" 342.9 mm	13-7/8" 352.4 mm	8-1/2" 215.9 mm	27" 685.8 mm	1/2" NPT Bottom	97 lbs. 44 kg.	350 GPM 1330 LPM
5"-125# FF 125 mm	15" 381.0 mm	15-1/4" 387.4 mm	9-3/8" 238.1 mm	30" 762.0 mm	1/2" NPT Body	132 lbs. 59.9 kg.	560 GPM 2128 LPM
6"-125# FF 150 mm	17-1/4" 438.2 mm	16-5/8" 422.3 mm	10-1/4" 260.4 mm	32" 812.8 mm	1/2" NPT Body	183 lbs. 83 kg.	810 GPM 3078 LPM
8"-125# FF 200 mm	22" 558.8 mm	20-7/8" 530.2 mm	13-1/4" 336.6 mm	41" 1041.4 mm	3/4" NPT Body	350 lbs. 158.8 kg.	1360 GPM 5168 LPM
10"-125# FF 250 mm	26" 660.4 mm	25-3/4" 654.1 mm	17" 431.8 mm	50" 1270.0 mm	3/4" NPT Body	570 lbs. 258.5 kg.	2085 GPM 7923 LPM
12"-125# FF 300 mm	30" 762.0 mm	29-7/8" 758.8 mm	19-3/4" 501.7 mm	58" 1473.2 mm	3/4" NPT Body	868 lbs. 393.7 kg.	3025 GPM 11495 LPM

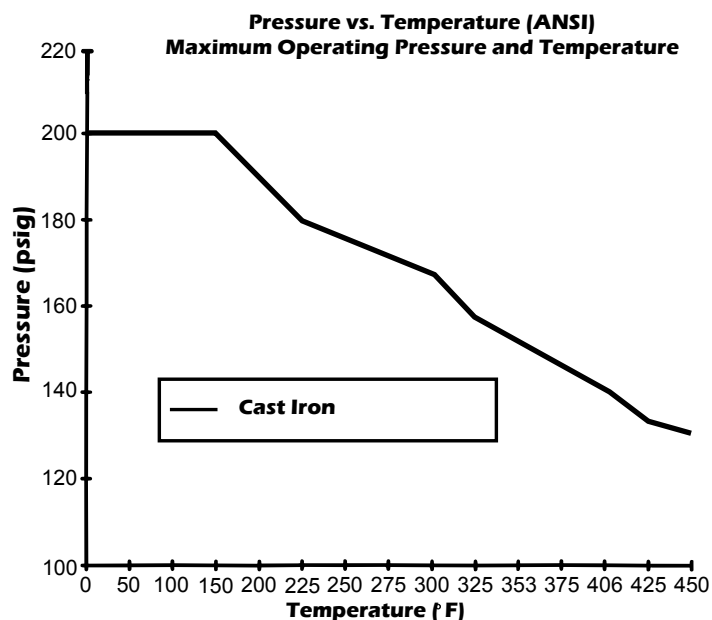
Notes: Other drain sizes and vents are available for special applications.
Dimensions subject to change without notice. Apply for certified drawings.



Series 105 Simplex Strainer

Cast Iron

Swing Bolt O-Ring Closure, Flanged Connection
 Class 125 ANSI Flat Face Flange Rating



Standard Construction	
	Cast Steel
Body	Class 30 ASTM A126-B
Cover	Class 30 ASTM A126-B
O-ring	Viton
Basket	Available in 1/32", 1/16", or 1/8" perforations and 40 mesh and 80 mesh - 316 Stainless Steel

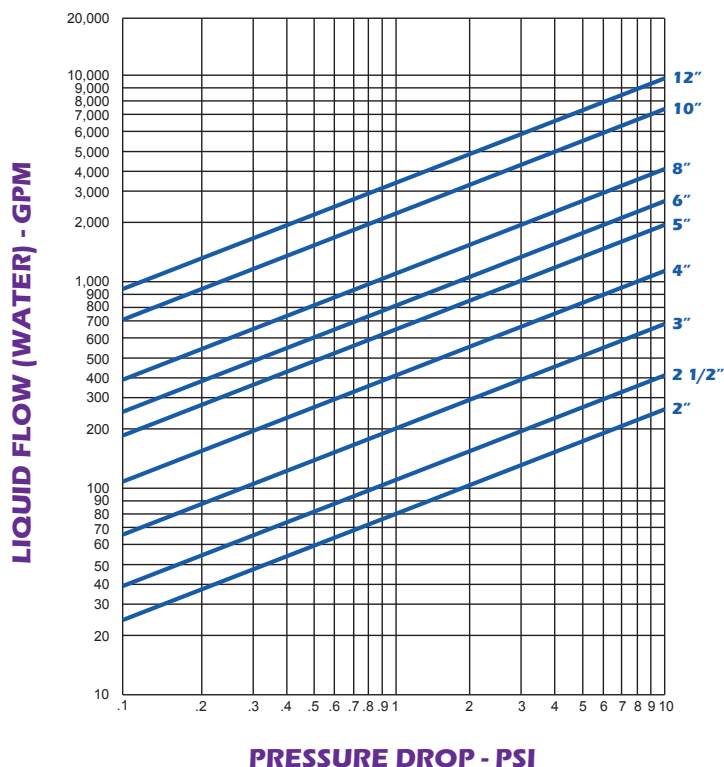
Operating Limits on Seal Gaskets		
Elastomer	°F	°C
Buna-N	257	125
EPMD	302	150
Viton ¹	437	225
Silicone ²	482	250

¹Supplied as standard

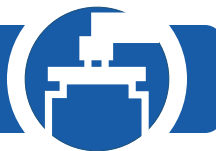
²Do not use for paint applications

Options

- Baskets are available in other materials, perforations, and meshes. Please consult the factory
- Drilling is available, upon request, to meet BS4504 PN10 and PN16 and JIS flange sizes.



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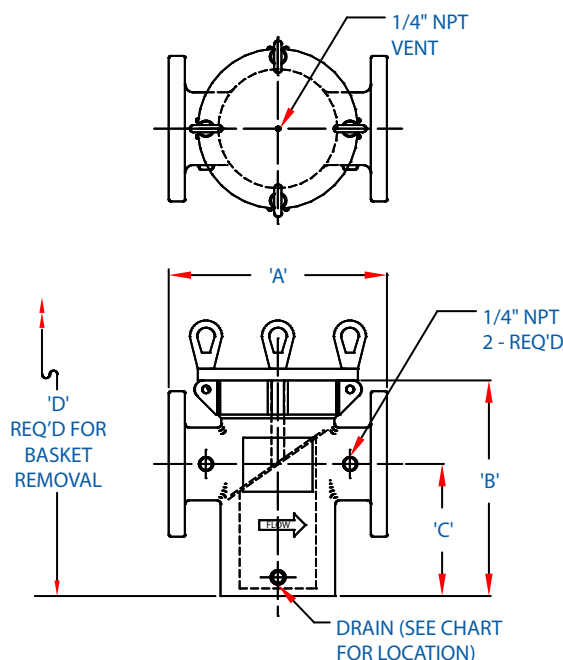
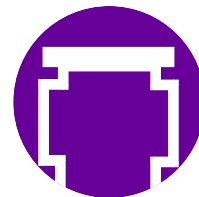


Series 105 Simplex Strainer

Cast Steel and Cast 316 Stainless Steel

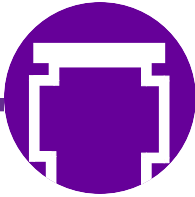
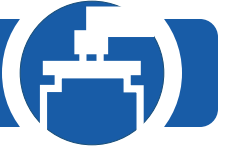
Swing Bolt O-Ring Closure, Flanged Connection

Class 150 ANSI Raised Face Flange Rating



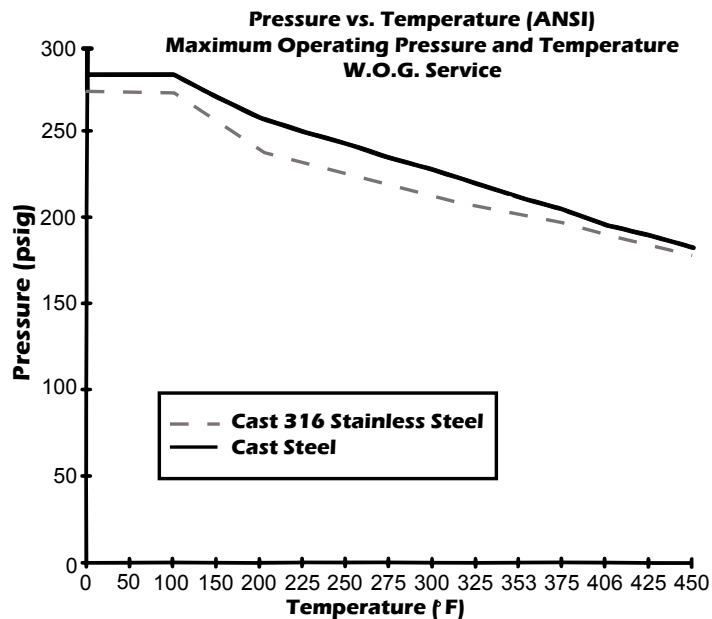
Size	A	B	C	D	Drain Size and Location	Weight	Cv
2"-150# RF 50 mm	11-3/4" 298.5 mm	9-3/4" 247.7 mm	8" 203.2 mm	18-3/4" 476.3 mm	1/4" NPT Bottom	48 lbs. 21.8 kg.	85 GPM 323 LPM
2-1/2"-150# RF 65 mm	13" 330.2 mm	13-7/8" 352.4 mm	8-1/2" 215.9 mm	27" 685.8 mm	1/2" NPT Bottom	75 lbs. 34 kg.	125 GPM 475 LPM
3"-150# RF 80 mm	13" 330.2 mm	13-7/8" 352.4 mm	8-1/2" 215.9 mm	27" 685.8 mm	1/2" NPT Bottom	90 lbs. 40.8 kg.	200 GPM 760 LPM
4"-150# RF 100 mm	13-1/2" 342.9 mm	13-7/8" 352.4 mm	8-1/2" 215.9 mm	27" 685.8 mm	1/2" NPT Bottom	103 lbs. 46.7 kg.	350 GPM 1330 LPM
5"-150# RF 125 mm	15" 381.0 mm	15-1/4" 387.4 mm	9-3/8" 238.1 mm	30" 762.0 mm	1/2" NPT Body	141 lbs. 64 kg.	560 GPM 2128 LPM
6"-150# RF 150 mm	17-1/4" 438.2 mm	16-5/8" 422.3 mm	10-1/4" 260.4 mm	32" 812.8 mm	1/2" NPT Body	194 lbs. 88 kg.	810 GPM 3078 LPM
8"-150# RF 200 mm	22" 558.8 mm	20-7/8" 530.2 mm	13-1/4" 336.6 mm	41" 1041.4 mm	3/4" NPT Body	373 lbs. 169.1 kg.	1360 GPM 5168 LPM
10"-150# RF 250 mm	26" 660.4 mm	25-3/4" 654.1 mm	17" 431.8 mm	50" 1270.0 mm	3/4" NPT Body	608 lbs. 275.8 kg.	2085 GPM 7923 LPM
12"-150# RF 300 mm	30" 762.0 mm	29-7/8" 758.8 mm	19-3/4" 501.7 mm	58" 1473.2 mm	3/4" NPT Body	926 lbs. 420 kg.	3025 GPM 11495 LPM

Notes: Other drain sizes and vents are available for special applications.
Dimensions subject to change without notice. Apply for certified drawings.



Series 105 Simplex Strainer

Cast Steel and Cast 316 Stainless Steel
Swing Bolt O-Ring Closure, Flanged Connection
Class 150 ANSI Raised Face Flange Rating



Standard Construction		
	Cast Steel	Cast 316 Stainless Steel
Body	A216 Grade WCB	A351 Grade CF8M
Cover	A216 Grade WCB	A351 Grade CF8M
O-ring	Viton	Viton
Basket	Available in 1/32", 1/16", or 1/8" perforations and 40 mesh and 80 mesh - 316 Stainless Steel	

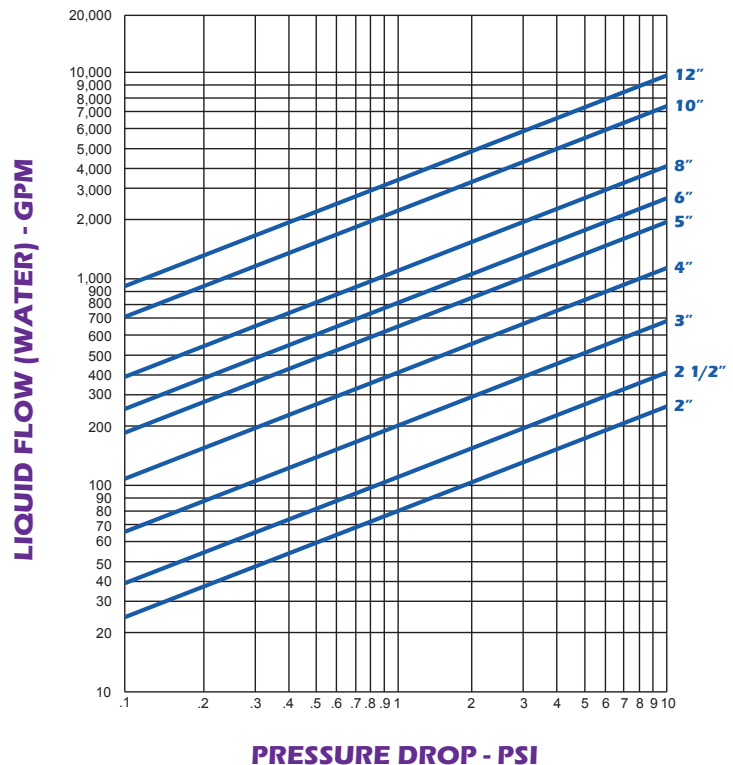
Operating Limits on Seal Gaskets		
Elastomer	°F	°C
Buna-N	257	125
EPMD	302	150
Viton ¹	437	225
Silicone ²	482	250

¹Supplied as standard

²Do not use for paint applications

Options

- Baskets are available in other materials, perforations, and meshes. Please consult the factory
- Drilling is available, upon request, to meet BS4504 PN10 and PN16 and JIS flange sizes.



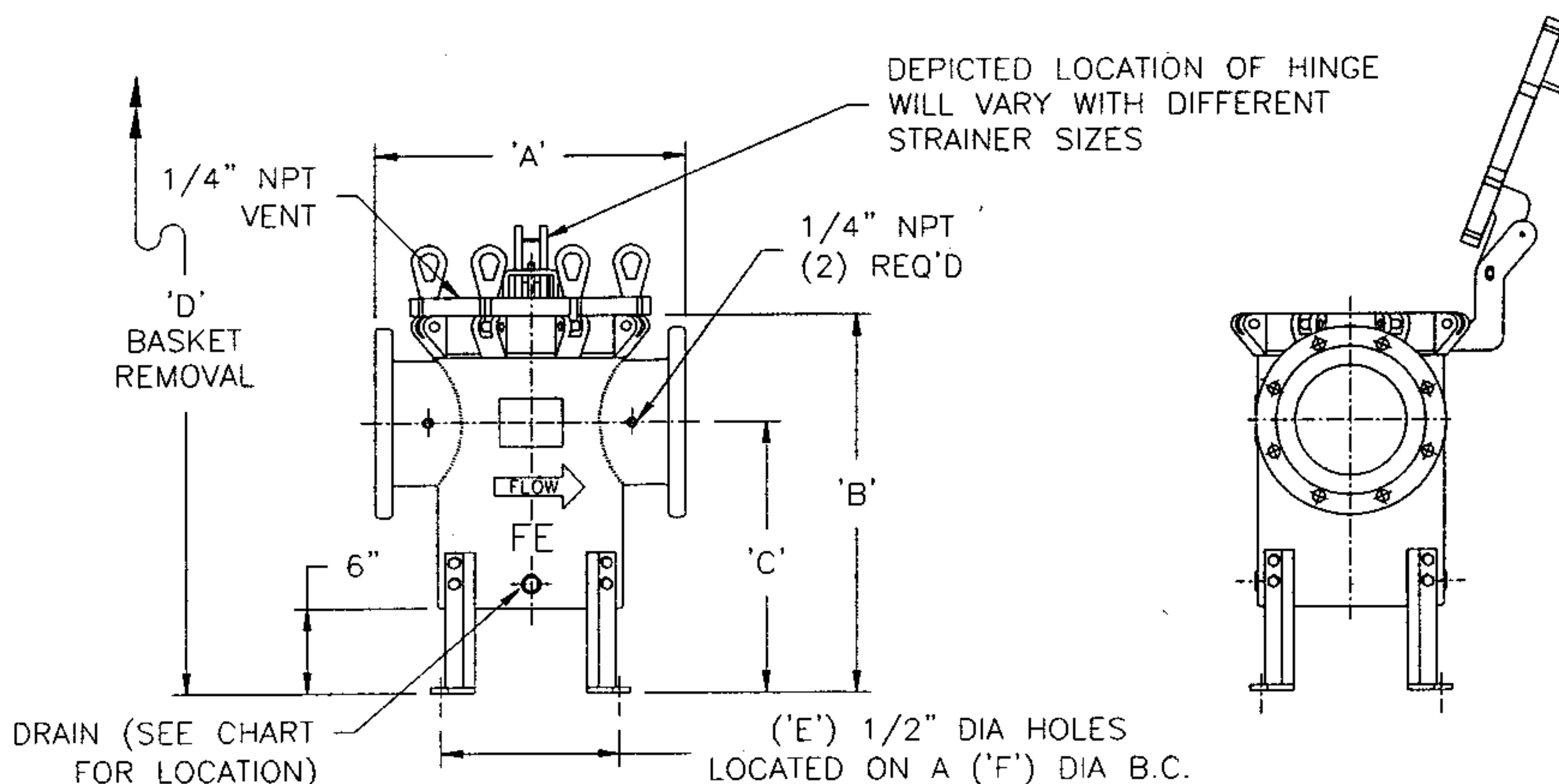
"Engineered Products for Demanding Applications, Performance, and Service"

Series 107 Simplex Strainer

Cast Steel and Cast 316 Stainless Steel

Swing Bolt O-Ring Closure, Flanged Connection

Class 150 ANSI Raised Face Flange Rating



Size Connection	A	B	C	D	E Number of Holes	F	Drain Size and Location	Weight	Cv
2-1/2"-150# RF 65 mm	13" 330.2 mm	19-7/8" 504.8 mm	14-1/2" 368.3 mm	33" 838.2 mm	3	10-7/8" 276.2 mm	1/2" NPT Bottom	90 lbs. 40.8 kg.	125 GPM 475 LPM
3"-150# RF 80 mm	13" 330.2 mm	19-7/8" 504.8 mm	14-1/2" 368.3 mm	33" 838.2 mm	3	10-7/8" 276.2 mm	1/2" NPT Bottom	100 lbs. 45.3 kg.	200 GPM 760 LPM
4"-150# RF 100 mm	13-1/2" 342.9 mm	19-7/8" 504.8 mm	14-1/2" 368.3 mm	33" 838.2 mm	3	10-7/8" 276.2 mm	1/2" NPT Bottom	120 lbs. 54.3 kg.	350 GPM 1330 LPM
5"-150# RF 125 mm	15" 381.0 mm	21-1/4" 539.6 mm	15-3/8" 390.5 mm	36" 914.4 mm	4	11-7/8" 301.6 mm	1/2" NPT Body	158 lbs. 71.6 kg.	560 GPM 2128 LPM
6"-150# RF 150 mm	17-1/4" 438.2 mm	22-5/8" 574.7 mm	16-1/4" 412.8 mm	38" 965.2 mm	4	13-5/8" 346.1 mm	1/2" NPT Body	195 lbs. 88.3 kg.	810 GPM 3078 LPM
8"-150# RF 200 mm	22" 558.8 mm	26-7/8" 682.6 mm	19-1/4" 489.0 mm	47" 1193.8 mm	4	16-1/2" 419.1 mm	3/4" NPT Body	326 lbs. 147.6 kg.	1360 GPM 5168 LPM
10"-150# RF 250 mm	26" 660.4 mm	31-3/4" 806.5 mm	23" 584.2 mm	56" 1422.4 mm	4	19-3/8" 492.1 mm	3/4" NPT Body	520 lbs. 235.5 kg.	2085 GPM 7923 LPM
12"-150# RF 300 mm	30" 762.0 mm	35-7/8" 911.2 mm	25-3/4" 654.1 mm	64" 1625.6 mm	4	22-1/2" 571.5 mm	3/4" NPT Body	805 lbs. 364.6 kg.	3025 GPM 11495 LPM

Dimensions subject to change without notice, apply for certified drawings.
Other size drains and vents on application.

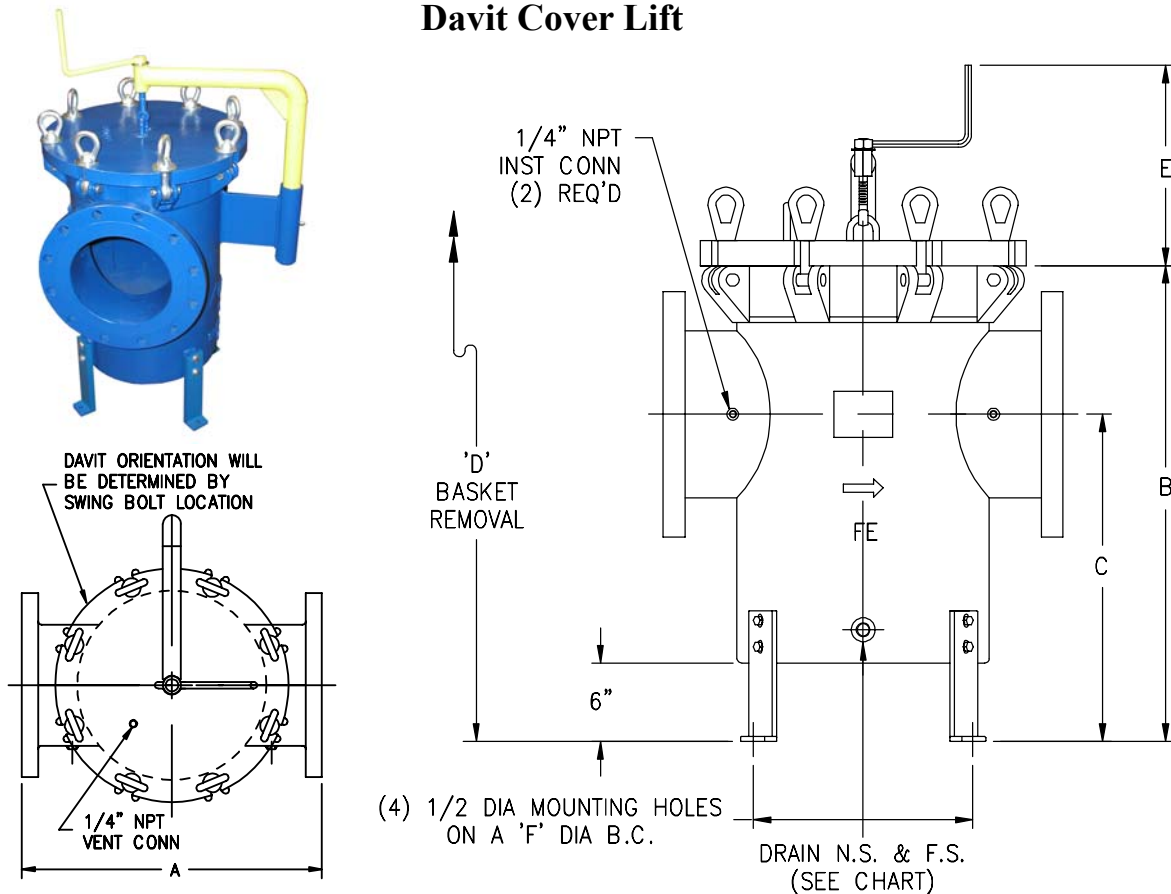
February 1999

"ENGINEERED PRODUCTS FOR DEMANDING APPLICATIONS, PERFORMANCE, AND SERVICE"

Series 108 Simplex Strainer

Cast Steel and Cast 316L Stainless Steel

Swing Bolt O-ring Closure, Flanged Connection
 Class 150 ANSI Raised Face Flange Rating
 Davit Cover Lift



Size	A	B	C	D	E	F	DRAIN	WT APPROX	Cv
6" - 150 RF 150 mm	17 1/4" 438.2 mm	22 5/8" 574.7 mm	16 3/4" 412.8 mm	38" 965.2 mm	11 1/8" 282.6 mm	13 5/8" 346.1 mm	1/2" NPT	195 lbs 88.5 kg	810 GPM 3078 LPM
8" - 150 RF 200 mm	22" 558.8 mm	26 7/8" 682.6 mm	19 1/4" 489.0 mm	47" 1193.8 mm	11 3/8" 288.9 mm	16 1/2" 419.1 mm	3/4" NPT	330 lbs 149.7 kg	1360 GPM 5168 LPM
10" - 150 RF 250 mm	26" 660.4 mm	31 3/4" 806.5 mm	23" 584.2 mm	56" 1422.4 mm	14 5/8" 371.5 mm	19 3/8" 492.1 mm	3/4" NPT	545 lbs 247.2 kg	2085 GPM 7923 LPM
12" - 150 RF 300 mm	30" 762.0 mm	35 7/8" 911.2 mm	25 3/4" 654.1 mm	64" 1125.6 mm	14 7/8" 377.9 mm	22 1/2" 571.5 mm	3/4" NPT	830 lbs 376.5 kg	3025 GPM 11495 LPM

Notes: Dimensions subject to change without notice. Apply for certified drawings. Other drain and vent sizes are available.

Operating Limits on Seal Gaskets

ELASTOMER	°F	°C
Buna-N	257	125
EPDM	302	150
Viton ¹	437	225
Silicone ²	482	250

1 Supplied as standard.

2 Do not use for paint applications.

Standard Construction

	Cast Steel	Cast 316 Stainless Steel
Body	A216 Grade WCB	A351 Grade CF8M
Cover	A216 Grade WCB	Cast Steel with 316 Overlay
O-Ring	Viton	Viton
Basket	Available in 1/32", 1/16", or 1/8" perforations and 40 mesh and 80 mesh - 316 Stainless Steel	

Options:

- Baskets are available in other materials, perforations, and meshes, please consult the factory or your local sales representative.
- Drilling is available, upon request, to meet BS4504 PN10 and PN16 and JIS Flange Sizes.

Pressure vs. Temperature (ANSI)
Maximum Operating Pressure and Temperature
W.O.G. Service

