

AUTOMATIC STRAINERS

Model 596 Cast Strainers

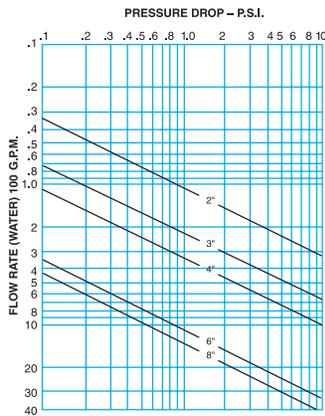
Sizes 2" Thru 8"

Application Limits

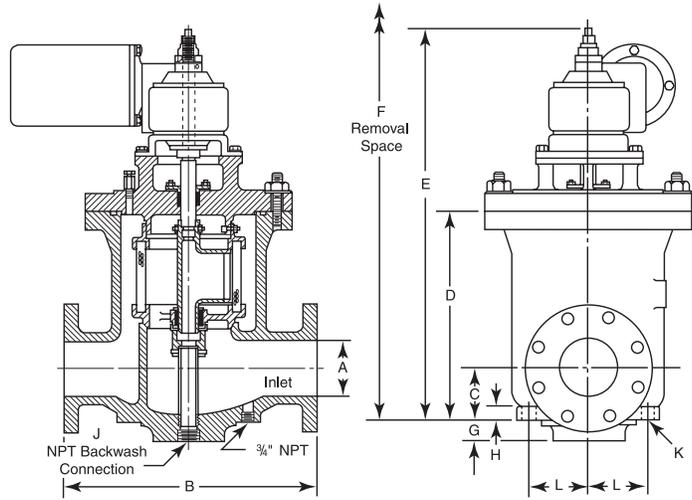
Cast Iron Class 125 Flange (-20° to 150°F) 150 psi
 Cast Steel Class 150 Flange (-20° to 100°F) 150 psi
 Cast Steel Class 300 Flange (-20° to 150°F) 300 psi
 Based on ratings of ANSI and ASME, Section VIII, Div. 1.
 Lower pressure ratings at higher temperatures.

Optional Features

- Stainless steel, copper nickel, monel, aluminum bronze and other materials of construction.
- ASME Section VIII, Div. 1. code stamp available.
- Flanged, screwed or socket weld backwash connections (steel unit only).



Pressure drop data indicates results to be expected with clean water, under normal flows, with standard straining media and in clean strainer.



A	Approximate Dimensions (in)		Approximate Weight (lb)											
	150# B	300# B	C	D	E	F	G	H	J	K	L	Dry	Wet	Cover
2"	17½	18½	3⅞	15½	28	37	1¾	1	1	¾	4¾	285	320	125
3"	17½	18½	3⅞	15½	28	37	1¾	1	1	¾	4¾	285	320	125
4"	17½	18½	3⅞	14⅞	28	37	1¾	1	1	¾	4¾	290	325	125
6"	28	28⅞	6⅞	22⅞	39	50	1⅞	1¼	1½	1⅞	7½	1,200	1,375	430
8"	26	27	6⅞	22⅞	39	50	1⅞	1¼	1½	1⅞	7½	1,200	1,375	430

Dimensions are for reference only. For installation purposes, request certified drawings.

Sizes 10" Thru 20"

Application Limits

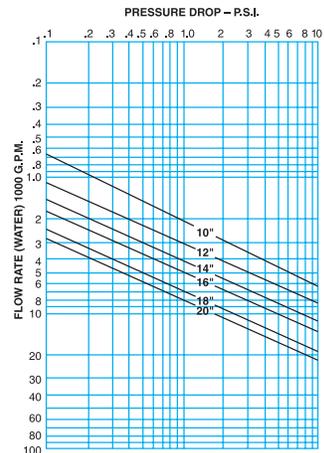
Ductile Iron Class 125 Flange (-20° to 150°F) 150 psi
 Cast Steel Class 300 Flange (-20° to 150°F) 300 psi

Application Limit 20" Size

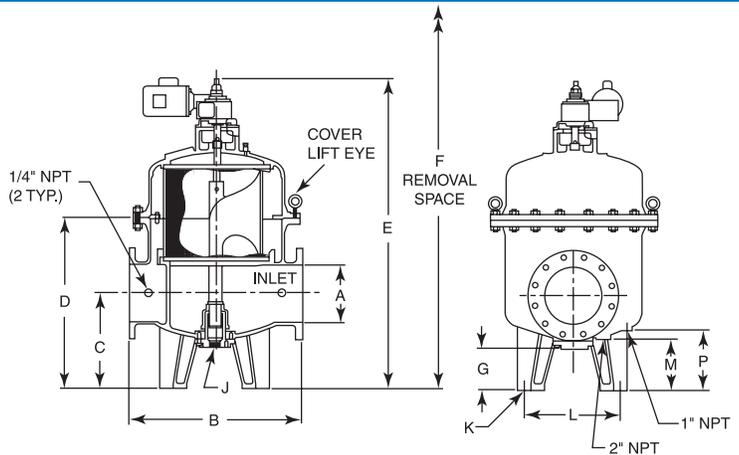
Ductile Iron Class 125 Flange (-20° to 150°F) 150 psi
 Based on ratings of ANSI and ASME Section VIII, Div. 1.
 Lower pressure ratings at higher temperatures

Optional Features

- Stainless steel, copper nickel, monel, aluminum bronze and other materials of construction.
- ASME Section VIII, Div. 1. code stamp available.
- Flanged, screwed or socket weld backwash connections (steel unit only).



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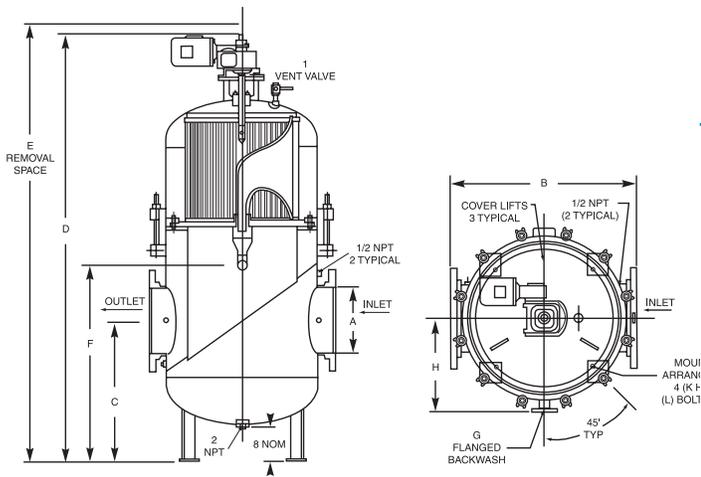
A	Approximate Dimensions (in)										Approximate Weight (lb)			
	B	C	D	E	F	G	J	K	M	P	L	Dry	Wet	Cover
10"	38¼	19¾	35¾	64¾	90	8⅞	2	⅞	10⅞	12½	24½	1,840	2,615	705
12"	36¼	19¾	35¾	64¾	90	8⅞	2	⅞	10⅞	12½	24½	1,880	2,675	705
14"	44	22½	42⅞	76½	112	8⅞	2	⅞	10⅞	13½	29⅞	2,810	4,360	1,050
16"	44	22½	42⅞	76½	112	8⅞	2	⅞	10⅞	13½	29⅞	2,850	4,400	1,050
18"	53	26	52⅞	92¾	135	10¼	3	1⅞	12¾	15⅞	35½	4,325	7,100	1,660
20"	50	26	52⅞	92¾	135	10¼	3	1⅞	12¾	15⅞	35½	4,275	7,050	1,660

Dimensions are for reference only. For installation purposes, request certified drawings.

Specific descriptions and construction details illustrated may vary slightly from equipment furnished. We reserve the right to revise or discontinue equipment or design features without notice. We recommend that you review performance and application data with us prior to final design.

TECHNICAL INFORMATION

Model 2596 Fabricated Carbon Steel and Stainless Steel



Approximate Dimensions (in)

Approximate Weight (lb)

A	B	C	D	E	F	G	H	K	L	Dry	Wet	Cover
10"	38	30	88	90	40	2	16	3/4	22.13	1,200	2,400	650
12"	42	30	88	90	40	2	18	3/4	26.13	1,300	2,700	700
14"	44	32	101	103	46	2	22	7/8	32.13	2,000	4,400	850
16"	44	33	101	103	46	2	22	7/8	32.13	2,050	4,450	850
18"	50	36	117	120	48	3	23	7/8	34.13	3,500	8,300	1,280
20"	54	37	120	123	50	3	25	7/8	38.13	3,700	10,000	1,480
24"	54	39	124	127	54	3	25	7/8	38.13	3,830	10,160	1,480
30"	64	51	147	151	76	3	30	7/8	48.13	5,000	13,400	2,000

Note: K= Diameter Bolt Hole (4) Required 90° Apart, L= Diameter Bolt Circle
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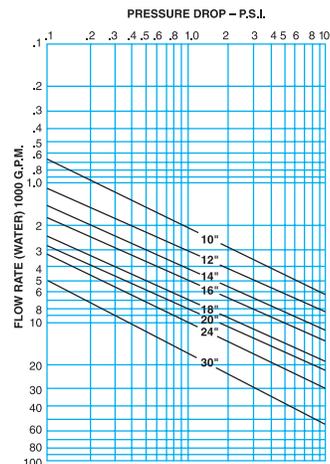
Sizes 10" Thru 30"

APPLICATION LIMITS

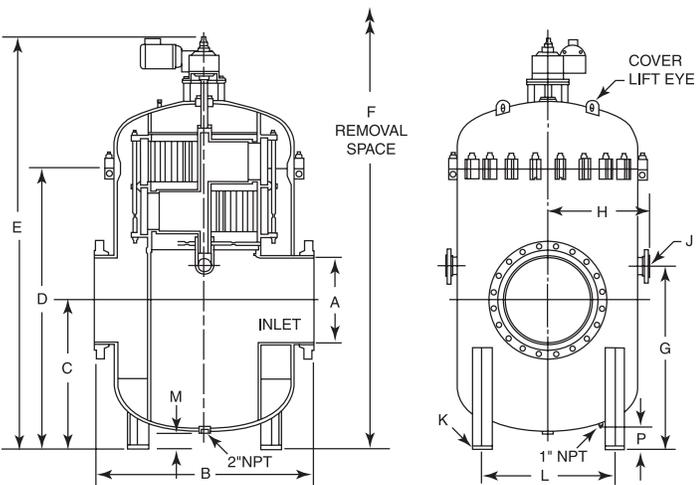
Fabricated strainers are designed within the limits of the customer's specifications and design criteria along with any applicable code requirement. i.e. ASME Section VII Div. 1.

OPTIONAL FEATURES

- Stainless steel, copper nickel, monel, aluminum bronze and other materials of construction.
- ASME Section VIII, Div. 1. code stamp available.
- Flanged, screwed or socket weld backwash connections (steel unit only).



Pressure drop data indicates results to be expected with clean water, under normal flows, with standard straining media and in clean strainer.



Approximate Dimensions (in)

Approximate Weight (lb)

A	B	C	D	E	F	G	H	J	K	L	M	P	Dry	Wet	Cover
36"	90	60	103 3/4	148 5/8	182	72 3/4	40	6	1 3/8	66	8	14	14,000	29,530	4,500
48"	109 1/4	62 3/4	122	177	227	80	48 3/4	8	1 1/2	90	8	13	24,000	53,000	8,000

Note: J=Backwash Outlet Flange Size, K= Diameter Bolt Hole (4) Required 90° Apart, L= Diameter Bolt Circle
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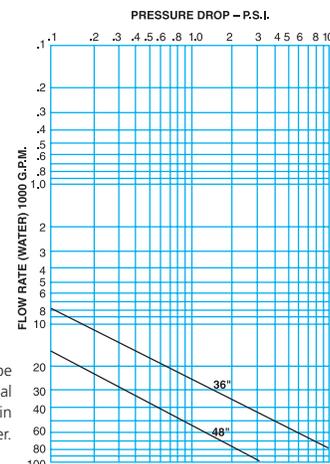
Sizes 36" Thru 48"

APPLICATION LIMITS

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OPTIONAL FEATURES

- Stainless steel, copper nickel, monel, aluminum bronze and other materials of construction.
- ASME Section VIII, Div. 1. code stamp available.
- Flanged, screwed or socket weld backwash connections (steel unit only).



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