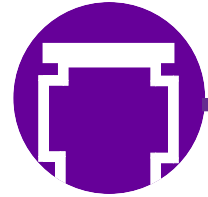
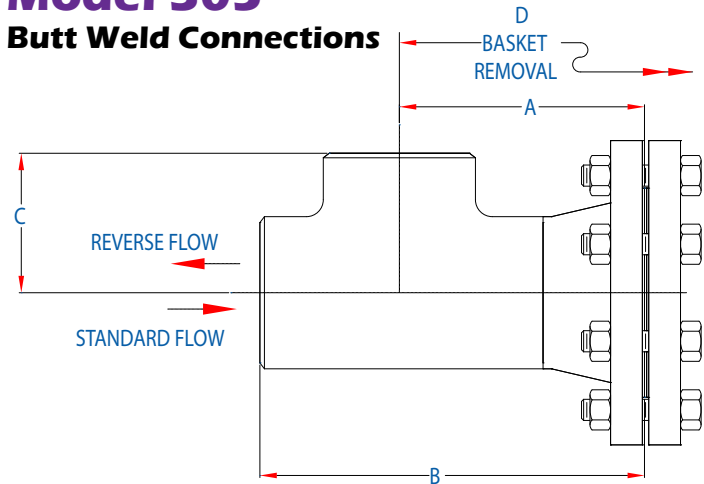


Simplex Elbow Strainers Model 305/305HF/307/307HF



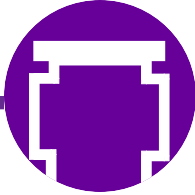
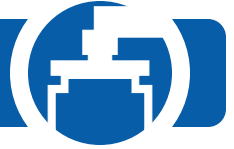
Model 305 Butt Weld Connections



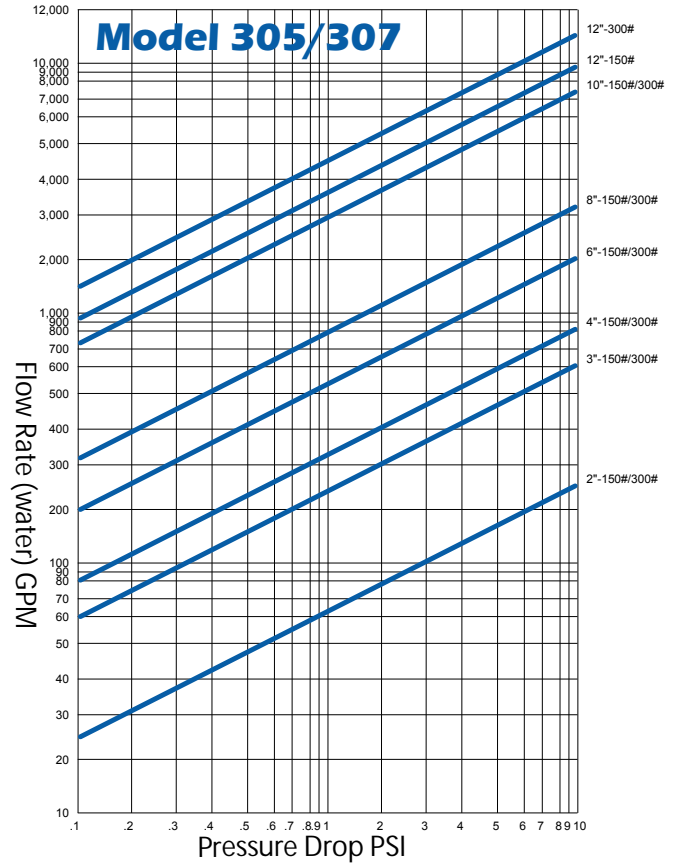
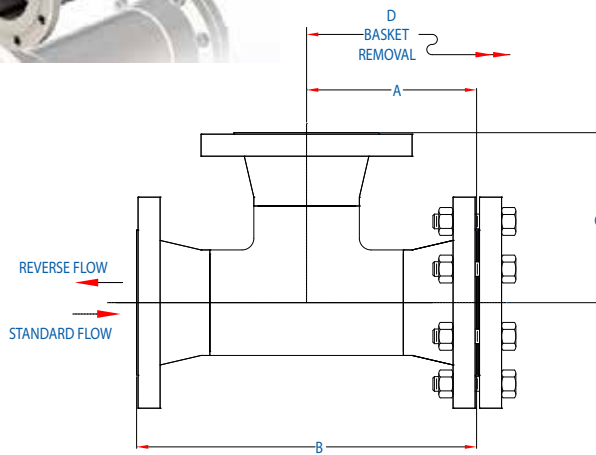
- Elbow strainer for tight piping installations downstream equipment protection.
- Economically designed to meet many application requirements.
- Flow may be in either direction with a perforated screen. Mesh lined screen must specify the flow direction.
- The screens are similar to that of a "Y" strainer.
- Available with butt weld or flanged ends as a standard design.
- Elbow strainers will not be hydro tested, but will be checked by NDE (non-destructive examination)

MODEL 305					
Size	Part Number	A	B	C	D
2"-150#	305-02002-01XX	5-1/16"	7-9/16"	2-1/2"	12-1/2"
3"-150#	305-03003-01XX	6-3/16"	9-9/16"	3-3/8"	16"
4"-150#	305-04004-01XX	7-3/16"	11-5/16"	4-1/8"	18-1/2"
6"-150#	305-06006-01XX	9-3/16"	14-13/16"	5-5/8"	24"
8"-150#	305-08008-01XX	11-1/16"	18-1/16"	7"	29-1/2"
10"-150#	305-10010-01XX	12-9/16"	21-1/16"	8-1/2"	34"
12"-150#	305-12012-01XX	14-9/16"	24-9/16"	10"	39-1/2"
2"-300#	305-02002-10XX	5-5/16"	7-13/16"	2-1/2"	13"
3"-300#	305-03003-10XX	6-9/16"	9-15/16"	3-3/8"	16-1/2"
4"-300#	305-04004-10XX	7-9/16"	11-11/16"	4-1/8"	19"
6"-300#	305-06006-10XX	9-9/16"	15-3/16"	5-5/8"	24-1/2"
8"-300#	305-08008-10XX	11-7/16"	18-7/16"	7"	30"
10"-300#	305-10010-10XX	13-3/16"	21-11/16"	8-1/2"	34-1/2"
12"-300#	305-12012-10XX	15-3/16"	25-3/16"	10"	40"

Dimensions subject to change without notice, apply for certified drawings.
 Please consult the FE Sales Department or your local sales representative.



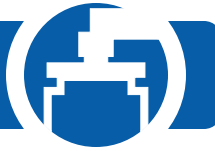
Model 307 Flanged Connections



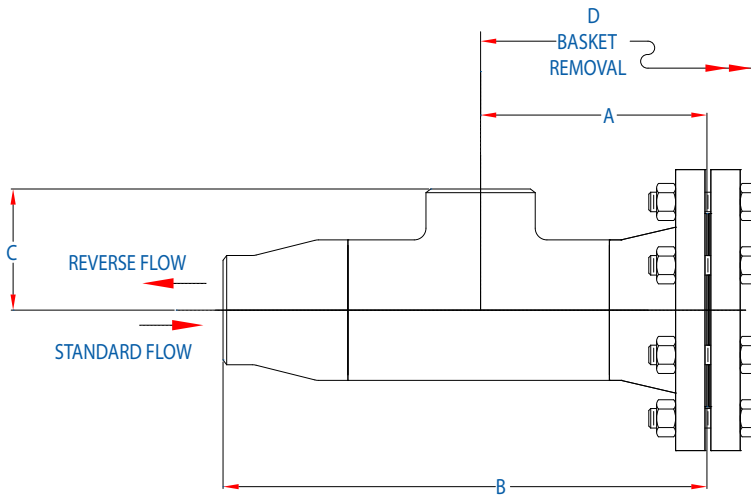
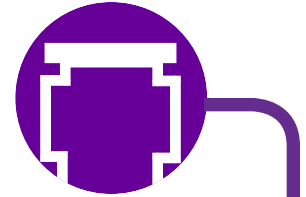
MODEL 307					
Size	Part Number	A	B	C	D
2"-150#	307-02002-01XX	5-1/16"	10-1/8"	5-1/16"	12-1/2"
3"-150#	307-03003-01XX	6-3/16"	12-3/8"	6-3/16"	16"
4"-150#	307-04004-01XX	7-3/16"	14-3/8"	7-3/16"	18-1/2"
6"-150#	307-06006-01XX	9-3/16"	18-3/8"	9-3/16"	24"
8"-150#	307-08008-01XX	11-1/16"	22-1/8"	11-1/16"	29-1/2"
10"-150#	307-10010-01XX	12-9/16"	25-1/8"	12-9/16"	34"
12"-150#	307-12012-01XX	14-9/16"	29-1/8"	14-9/16"	39-1/2"
2"-300#	307-02002-10XX	5-5/16"	10-5/8"	5-5/16"	13"
3"-300#	307-03003-10XX	6-9/16"	13-1/8"	6-9/16"	16-1/2"
4"-300#	307-04004-10XX	7-9/16"	15-1/8"	7-9/16"	19"
6"-300#	307-06006-10XX	9-9/16"	15-3/16"	9-9/16"	24-1/2"
8"-300#	307-08008-10XX	11-7/16"	22-7/8"	11-7/16"	30"
10"-300#	307-10010-10XX	13-3/16"	26-3/8"	13-3/16"	34-1/2"
12"-300#	307-12012-10XX	15-3/16"	30-3/8"	15-3/16"	40"

Dimensions subject to change without notice, apply for certified drawings.
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Model 305HF High Flow Butt Weld



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

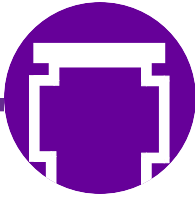
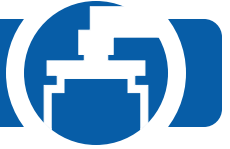
- High pressure and temperature ratings
- Differential pressure switches and gauges
- ASME Code "U" Stamp
- Vent and Drain Valves
- Other materials available for corrosive environments
- Other sizes available upon request

305/307 vs 305HF/307HF (High Flow)

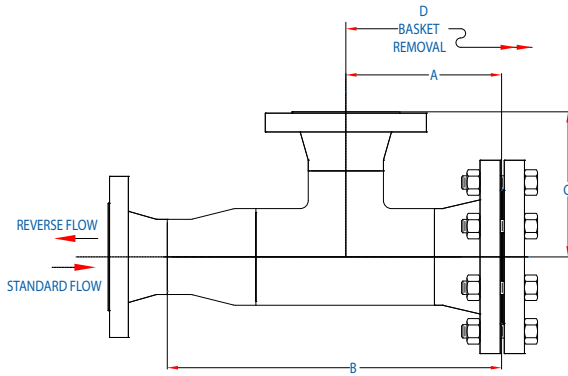
The High Flow has a larger body size thus making the dimensions larger. The High Flow models will have a concentric reducer added.

MODEL 305HF					
Size	Part Number	A	B	C	D
2"-150#	305HF-02003-01XX	6-3/16"	13-1/8"	3"	16
3"-150#	305HF-03004-01XX	7-3/16"	15-3/8"	3-7/8"	18-1/2"
4"-150#	305HF-04006-01XX	9-3/16"	20-3/8"	5-1/8"	24"
6"-150#	305HF-06008-01XX	11-1/16"	24-1/8"	6-5/8"	29-1/2"
8"-150#	305HF-08012-01XX	14-9/16"	32-5/8"	9"	39-1/2"
10"-150#	305HF-10014-01XX	16-1/16"	40-1/8"	10-1/8"	43-1/2"
12"-150#	305HF-12018-01XX	19-1/16"	47-5/8"	12-5/8"	52"
2"-300#	305HF-02003-10XX	6-9/16"	13-1/2"	3"	16-1/2"
3"-300#	305HF-03004-10XX	7-9/16"	15-3/4"	3-7/8"	19"
4"-300#	305HF-04006-10XX	9-9/16"	20-3/4"	5-1/8"	24-1/2"
6"-300#	305HF-06008-10XX	11-7/16"	24-1/2"	6-5/8"	30"
8"-300#	305HF-08012-10XX	15-3/16"	33-1/4"	9"	40"
10"-300#	305HF-10014-10XX	16-11/16"	40-3/4"	10-1/8"	44"
12"-300#	305HF-12018-10XX	19-13/16"	48-3/8"	12-5/8"	52-1/2"

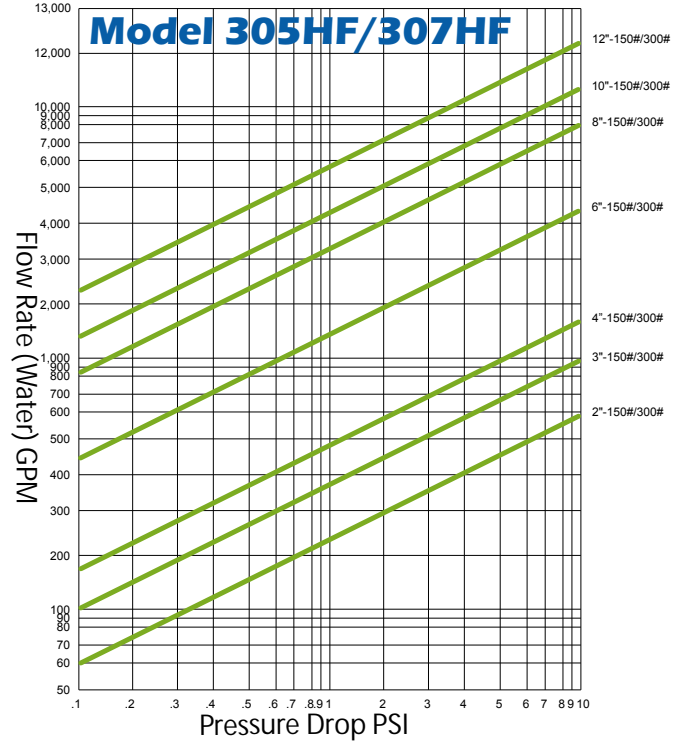
Dimensions subject to change without notice, apply for certified drawings.
 Please consult the FE Sales Department or your local sales representative.



Model 307HF High Flow Flanged



Standard Construction	
Body	Carbon, 304, & 316 stainless steel
Basket	316 Stainless cylindrical design
Operating Pressure & Temperature	150 psi @ 150°F



MODEL 307HF					
Size	Part Number	A	B	C	D
2"-150#	307HF-02003-01XX	6-3/16"	15-11/16"	5-9/16"	16
3"-150#	307HF-03004-01XX	7-3/16"	18-3/16"	6-11/16"	18-1/2"
4"-150#	307HF-04006-01XX	9-3/16"	23-7/16"	8-3/16"	24"
6"-150#	307HF-06008-01XX	11-1/16"	27-11/16"	10-3/16"	29-1/2"
8"-150#	307HF-08012-01XX	14-9/16"	36-11/16"	13-1/16"	39-1/2"
10"-150#	307HF-10014-01XX	16-1/16"	44-3/16"	14-3/16"	43-1/2"
12"-150#	307HF-12018-01XX	19-1/16"	52-3/16"	17-3/16"	52"
2"-300#	307HF-02003-10XX	6-9/16"	16-5/16"	5-13/16"	16-1/2"
3"-300#	307HF-03004-10XX	7-9/16"	18-15/16"	7-1/16"	19"
4"-300#	307HF-04006-10XX	9-9/16"	24-3/16"	8-9/16"	24-1/2"
6"-300#	307HF-06008-10XX	11-7/16"	28-7/16"	10-9/16"	30"
8"-300#	307HF-08012-10XX	15-3/16"	37-11/16"	13-7/16"	40"
10"-300#	307HF-10014-10XX	16-11/16"	45-7/16"	14-13/16"	44"
12"-300#	307HF-12018-10XX	19-13/16"	53-9/16"	17-13/16"	52-1/2"

Dimensions subject to change without notice, apply for certified drawings.
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