



Inline Flow Specialty
Our Quality Defines Us

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FABRICATED DUPLEX STRAINER

RATING

150LB

Sizes 2" – 24" Nominal Bore

- Features
- ◆ Fabricated construction
 - ◆ Standard thru bolt cover design
 - ◆ 4mm Perforated screen as standard
 - ◆ NDE (RT, MT/PT) as per requirements
 - ◆ Hydro static tested

- Options
- ◆ Larger sizes and special material are available upon request
 - ◆ Designed : ASME (B31.3 and/or Sect.VIII,Div.1)
 - ◆ Available in RF, FF or RTJ flanged (ASME B16.5), Butt-weld (ASME B16.25), API, etc
 - ◆ Customized and higher rating designs are available
 - ◆ Drain/Vent connection is plugged (flanged upon request)
 - ◆ Special internal and external Coating/Lining upon request



Part List and Standard Materials

Part	Carbon Steel	Low Temp. Carbon Steel (-50°F)	Stainless Steel
1. Inlet/Outlet Flange	A105	A350-LF2	A182-F316
2. Body Ring	A36	A516-60	A240-316
3. Cover Flange	A105	A350-LF2	A182-F316
4. Cover Gasket ¹	SPW w/ Graphite Filler		
5. Cover Studs	A193-B7	A193-B7	A193-B8M
6. Cover Nuts	A193-2H	A193-2H	A193-8M
7. Body Flange	A105	A350-LF2	A182-F316
8. Inlet/Outlet Pipe	A106-B	A333-6	A312-TP316
9. Body Pipe	A106-B	A333-6	A312-TP316
10. Basket Assembly ¹	304/316 SS		
11. Bottom Cap	A234-WPB	A420-WPL6	A403-WP316
12. Drain	A105	A350-LF2	A182-F316
13. Vent	A105	A350-LF2	A182-F316
14. Differential	A105	A350-LF2	A182-F316
15. Davit Assembly	A36	A516-60	A240-316
16. Earthing Lug	A240-316		
17. Support Leg	A36	A516-60	A240-316
18. Lifting Lug	A36	A516-60	A240-316
19. Name Plate	316 SS		
20. Butterfly Valve	A126-B		

Notes:

1. Recommended Spares for item no. 4 and 10
2. Upon request for item no. 14 to 17
3. Available in Duplex Stainless Steel (UNS-S31803) and Super Duplex Stainless Steel (UNS-S32750) and other alloy material.



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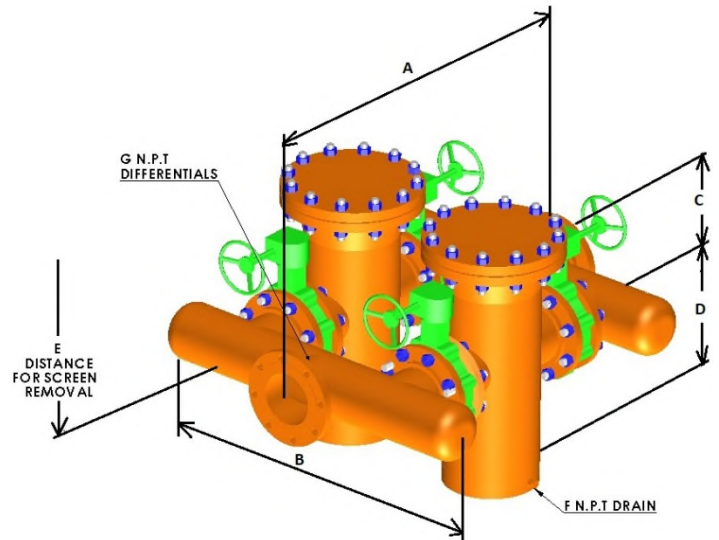
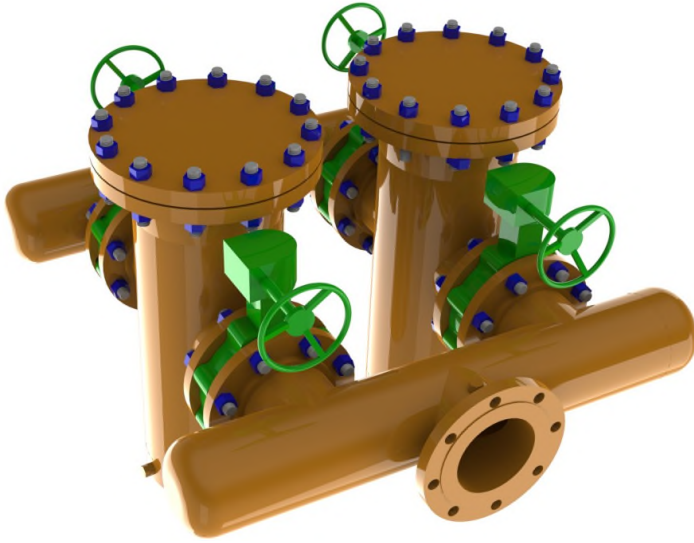
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TYPE 1



Dimensional Data 2"-24" (150LB)

Size ¹ in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F NPT IN. (mm)	G NPT IN. (mm)	Weight Lb. (kg.)	
								Cover	Unit
2"	33	21	10	11	27	3/4	1/2	26	291
50	838	533	254	279	686	20	15	12	132
3"	39	25	10	14	29	1	1/2	45	313
80	991	635	254	356	737	25	15	20	142
4"	42	27	11	14	32	1	1/2	45	462
100	1067	686	279	356	813	25	15	20	210
6"	53	36	11	17	37	1	1/	70	707
150	1346	914	279	432	940	25	15	32	321
8"	62	43	15	25	44	1	1/2	110	1435
200	1575	1092	381	635	1118	25	15	50	651
10"	78	56	17	28	56	1 1/2	1/2	180	1882
250	1981	1422	432	711	1422	40	15	82	854
12"	89	60	19	35	68	1 1/2	1/2	220	2837
300	2260	1524	483	891	1727	40	15	100	1287
14"	92	65	20	41	75	2	1/2	285	4107
350	2337	1651	508	1041	1905	50	15	129	1863
16"	104	68	23	45	84	2	3/4	430	5383
400	2642	1727	584	1043	2135	50	20	195	2442
18"	120	82	23	53	92	2	3/4	430	6109
450	3048	2083	584	1346	2337	50	20	195	2771
20"	130	87	23	50	89	2	3/4	965	8086
500	3302	2210	584	1270	2261	50	20	438	3668
24"	155	100	26	60	104	2	3/4	1540	9449
600	3937	2540	660	1524	2642	50	20	699	4286

Note : Dimensions are subject to change. Clients are required to request for drawing prior to purchase.



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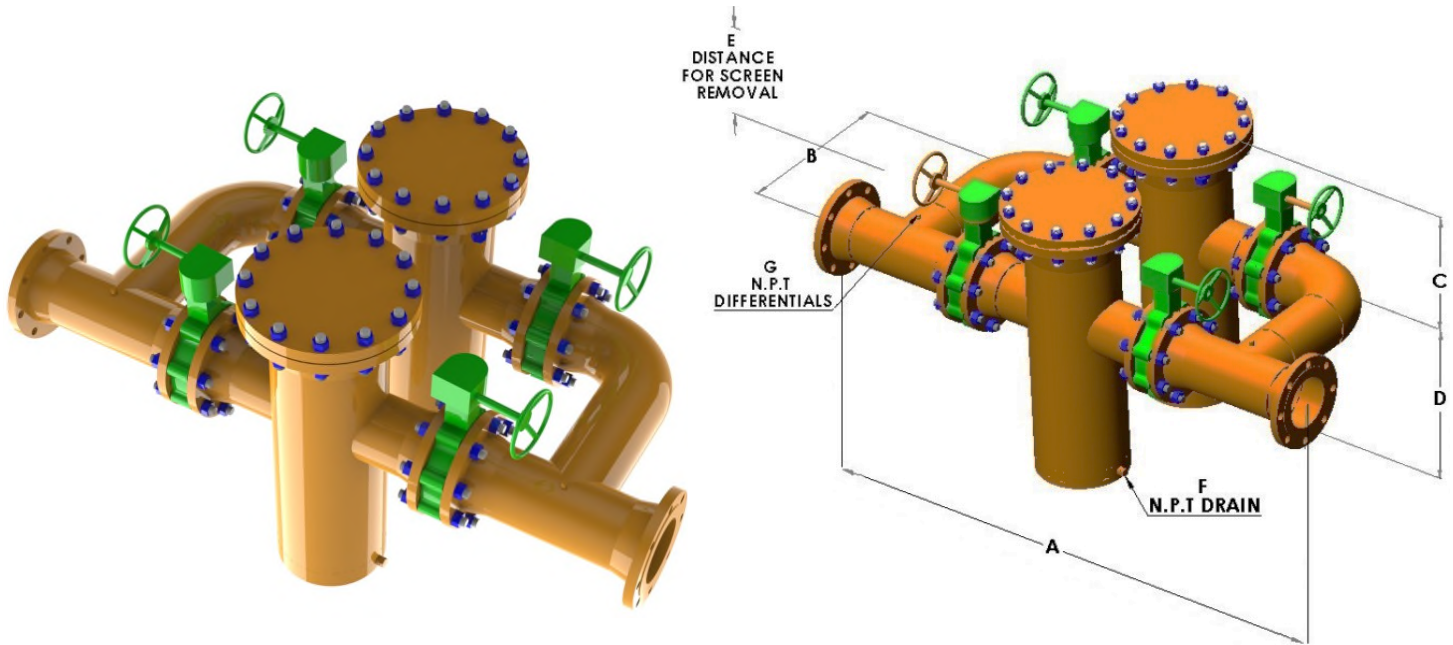
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TYPE 2



Dimensional Data 2"-24" (150LB)

Size ¹ in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F NPT IN. (mm)	G NPT IN. (mm)	Weight Lb. (kg.)	
								Cover	Unit
2"	39,5	12,6	10	11	35	3/4	1/2	26	280
50	1004	320	154	279	890	20	15	12	127
3"	49	15	8	14	29	1	1/2	45	300
80	1244	381	203	356	737	25	15	20	136
4"	54	15	8	14	29	1	1/2	45	450
100	372	381	203	356	737	25	15	20	204
6"	62	18	10	17	34	1	1/	70	700
150	1575	457	254	432	864	25	15	32	318
8"	75	22	12	25	44	1	1/2	110	1400
200	1905	559	305	635	1245	25	15	50	636
10"	90	26	13	28	56	1 1/2	1/2	180	1850
250	2286	660	330	711	1422	40	15	82	840
12"	104	28	14	35	65	1 1/2	1/2	220	2750
300	2642	711	356	891	1652	40	15	100	1249
14"	114,5	33,5	19,8	56,4	87	2	1/2	285	4000
350	2909	851	503	1433	2210	50	15	129	1816
16"	126,5	33	22,3	62	96	2	3/4	430	5300
400	3213	838	566	1575	2438	50	20	195	2406
18"	141	41	23,3	64	100	2	3/4	430	5900
450	3581	1041	592	1626	2540	50	20	195	2679
20"	157	43	23	71	106	2	3/4	965	8000
500	3988	1092	584	1864	2692	50	20	438	3632
24"	183	50	26	81	119	2	3/4	1540	9000
600	4648	1270	660	2057	3025	50	20	699	4086

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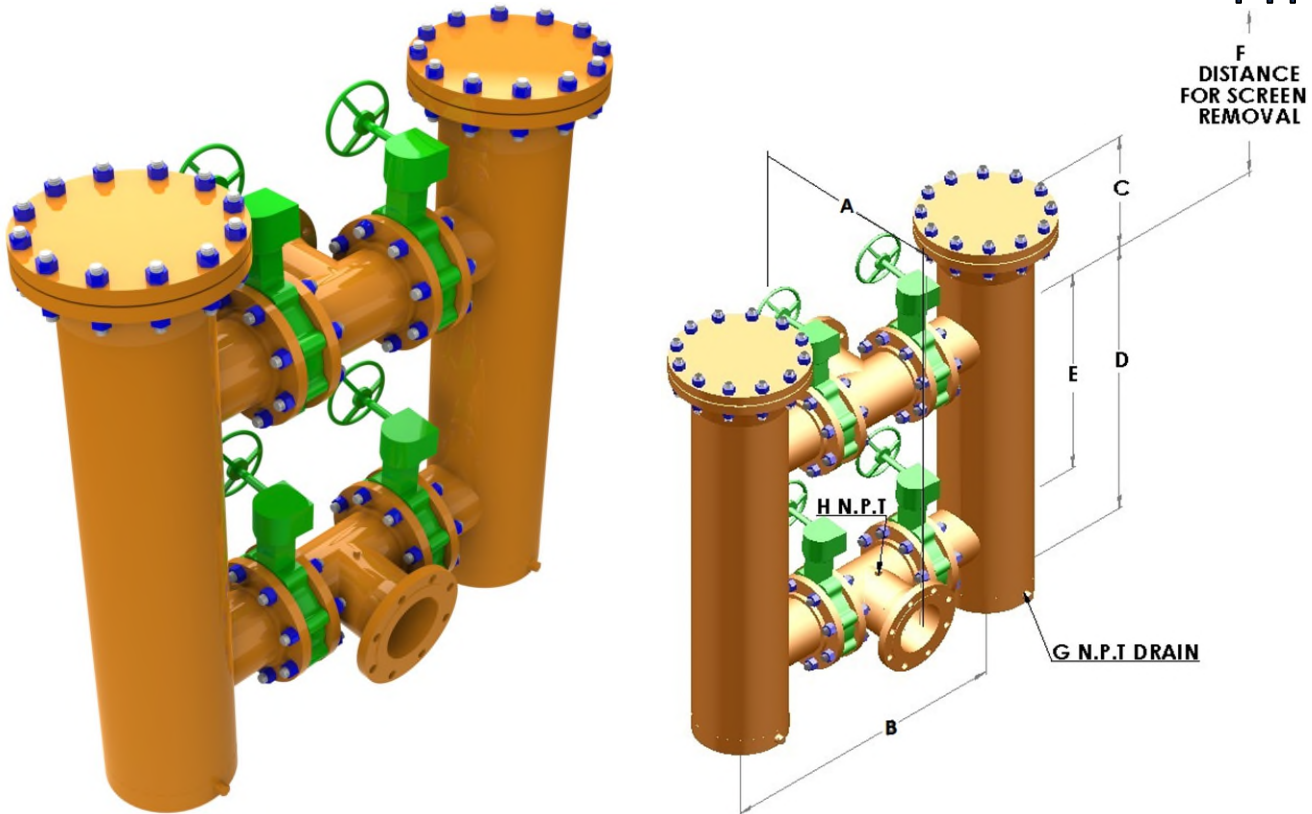
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TYPE 3



Dimensional Data 2"-24" (150LB)

Size ¹ in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F IN. (mm)	G NPT IN. (mm)	H NPT IN. (mm)	Weight Lb. (kg.) Cover Unit
2"	10	29,5	8,3	21,3	14	34,2	3/4	1/2	26 280
50	254	750	313	542	356	870	20	15	12 127
3"	12	34,6	10,2	23	15	39	1	1/2	45 300
80	311	879	261	572	368	991	25	15	20 136
4"	14	37,8	10,2	26	18	42	1	1/2	45 450
100	362	960	261	648	445	1051	25	15	20 204
6"	18	47,4	11,6	32	21	51	1	1/2	70 700
150	464	1204	295	813	533	1295	25	15	32 318
8"	22	54	13,3	37,4	23	60	1	1/2	110 1400
200	559	1372	338	950	584	1524	25	15	50 636
10"	25	65	16,7	46	28	73	1 1/2	1/2	180 1850
250	635	1651	425	1168	660	1854	40	15	82 840
12"	29	72,5	19	51,7	30	82	1 1/2	1/2	220 2750
300	737	1842	483	1313	762	2083	40	15	100 1249
14"	32	77	19,8	56,4	32	87	2	1/2	285 4000
350	813	1956	503	1433	813	2210	50	15	129 1816
16"	34	85	22,3	62	34	96	2	3/4	430 5300
400	864	2159	566	1575	864	2438	50	20	195 2406
18"	38	94,5	23,3	64	36	100	2	3/4	430 5900
450	965	2400	592	1626	914	2540	50	20	195 2679
20"	41	104,3	23	71	40	106	2	3/4	965 8000
500	1051	2649	584	1804	1016	2692	50	20	438 3632
24"	46	122,4	26	81	48	119	2	3/4	1540 9000
600	1168	3110	660	2057	1219	3025	50	20	699 4086

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