

600YF, 900YF & 1500YF STEEL & STAINLESS STEEL SERIES FLANGED Y STRAINERS

Pressures To 3705 PSIG (255.5 barg)
Temperatures to 800°F (427°C)

- One piece cast body
- All sizes complete with bolted cover flange.
- Upper and lower machined seats
- Generous screen area and properly proportioned straining chamber minimize initial pressure drop while maximizing time between cleanings
- Drain blow-off connection furnished with plug (600 only)

RATINGS

Ends ASME/ANSI	Pressure PSIG (barg)		Temperature °F (°C)
WSP (Carbon Steel)			
B16.5 Class 600 Flg	600 (41.4)	@	838 (448)
B16.5 Class 900 Flg	900 (62.1)	@	838 (448)
B16.5 Class 1500 Flg	1500 (103.4)	@	838 (448)
WSP (Stainless Steel)			
B16.5 Class 600 Flg	600 (41.4)	@	1125 (607)
B16.5 Class 900 Flg	900 (62.1)	@	1125 (607)
B16.5 Class 1500 Flg	1500 (103.4)	@	1125 (607)
WOG (Carbon Steel)			
B16.5 Class 600 Flg	1480 (102)	@	100 (38)
B16.5 Class 900 Flg	2220 (153)	@	100 (38)
B16.5 Class 1500 Flg	3705 (255.5)	@	100 (38)
WOG (Stainless Steel)			
B16.5 Class 600 Flg	1440 (99.3)	@	100 (38)
B16.5 Class 900 Flg	2160 (148.9)	@	100 (38)
B16.5 Class 1500 Flg	3600 (244.9)	@	100 (38)

OPTIONS

- Drain/blow-off connection on 900 and 1500 Series
- Other perforated screens and mesh liners

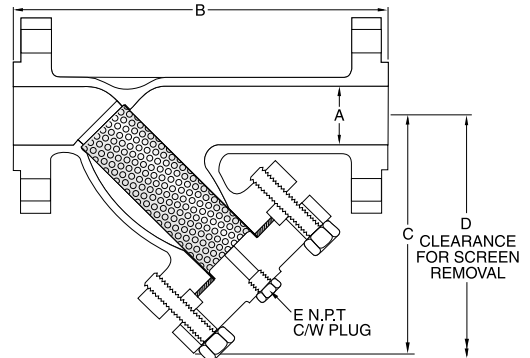
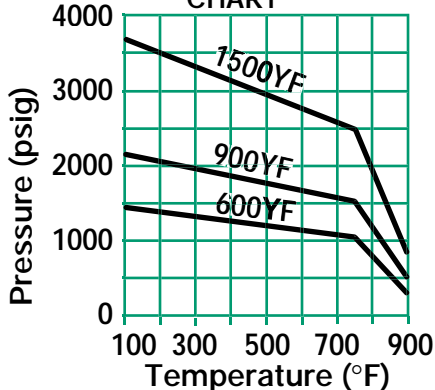
SCREEN OPENINGS

SIZE	STANDARD SCREEN	MATERIALS
2" - 3"	3/64 Perf.	304 SS
4" - 12"	1/8 Perf.	304 SS

(1) Upon prolonged exposure to temperatures above 800°F, the carbide phase of carbon steel may be converted to graphite.

(2) Graphite filled 304 SS spiral wound gaskets limited to 900°F in an oxidizing atmosphere. Consult factory for higher temperatures.

PRESSURE/TEMPERATURE CHART



Connections: 2" - 12" Flanged

CL 600 DIMENSIONS inches (mm) AND WEIGHTS pounds (kg)

	A	B	C	D	E	WT.
2 (50)	2 (51)	12 ½ (318)	8 (203)	9 (229)	½ (15)	45 (20)
3 (80)	3 (76)	15 ¾ (397)	10 ½ (257)	11 ¾ (289)	1 ¼ (32)	109 (49)
4 (100)	4 (102)	20 (508)	13 (330)	14 ½ (368)	1 ½ (40)	197 (89)
6 (150)	6 (152)	25 ½ (648)	17 (432)	19 ¼ (489)	2 (50)	409 (186)
8 (200)	7 ¾ (200)	30 (330)	21 ¾ (543)	23 (584)	2 (50)	710 (322)
10 (250)	9 ¾ (248)	37 ½ (953)	24 ¾ (629)	27 ¾ (705)	2 (50)	1430 (649)
12 (300)	11 ¾ (298)	45 ½ (1156)	36 (914)	41 (1041)	2 (50)	1750 (794)

ORDERING CODE

CL 900 & 1500 DIMENSIONS inches (mm) AND WEIGHTS pounds (kg)

SIZE	A		B		C		D		WEIGHT	
	900	1500	900	1500	900	1500	900	1500	900	1500
2 (50)	1 ¾ (48)	1 ¾ (48)	16 ¼ (413)	16 ¼ (413)	10 ½ (268)	10 ½ (268)	14 ¾ (378)	14 ¾ (378)	125 (57)	125 (57)
3 (80)	2 ¾ (73)	2 ¾ (73)	20 ¼ (514)	22 ¼ (565)	12 ¾ (324)	14 ¾ (368)	18 (457)	20 ½ (521)	163 (74)	234 (106)
4 (100)	3 4/8 (98)	3 ¾ (92)	23 ¼ (541)	25 ¼ (641)	15 (381)	16 ¾ (416)	21 ¼ (539)	23 (584)	253 (115)	355 (161)
6 (150)	5 ¾ (146)	5 ¾ (137)	27 ¾ (705)	32 (813)	18 ¾ (480)	21 11/16 (551)	26 ¾ (677)	30 ½ (775)	550 (250)	812 (368)
8 (200)	7 ¾ (191)	7 (178)	34 ¾ (876)	41 (1041)	22 ¾ (575)	27 (686)	32 (813)	39 (991)	1075 (488)	1725 (782)