

150YF & 300YF STEEL & STAINLESS STEEL SERIES FLANGED Y STRAINERS

Pressures To 720 PSIG (49.6 barg)
Temperatures to 800°F (427°C)

Features

- 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

Ratings

Ends ASME/ANSI	Pressure PSIG (barg)		Temperature °F (°C)
WSP			
B16.5 Class 150 Flg	200 (13.8)	@	406 (207)
B16.5 Class 300 Flg	400 (27.6)	@	800 (427)
WOG			
B16.5 Class 150 Flg	275 (18.7)	@	100 (38)
B16.5 Class 300 Flg	720 (49.6)	@	100 (38)

Models See Ordering Code on page J14

0150YFC - Carbon Steel (A216-WCB) B16.5 Class 150 Flg

0300YFC - Carbon Steel (A216-WCB) B16.5 Class 300 Flg

0150YFT - Stainless Steel (A351-CF8M) B16.5 Class 150 Flg

0300YFT - Stainless Steel (A351-CF8M) B16.5 Class 300 Flg

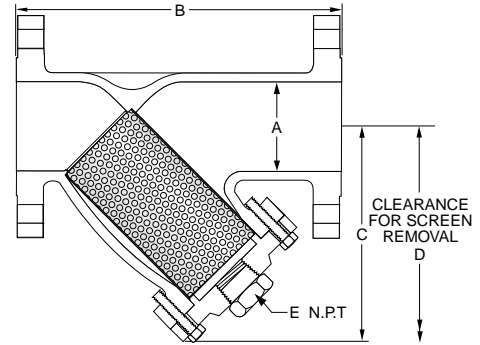
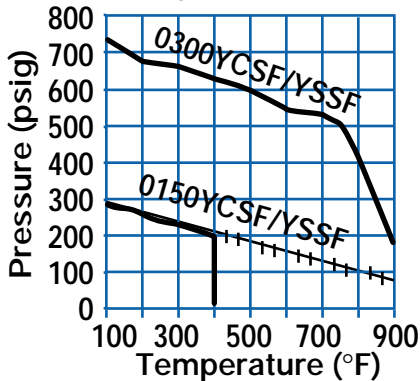
Options

- Other perforated screens and mesh liners

SCREEN OPENINGS

SIZE	STANDARD SCREEN	MATERIALS
1/2" - 1 1/2"	20 mesh	304 SS
2" - 3"	3/64 Perf.	304 SS
4" - 12"	1/8 Perf.	304 SS

PRESSURE/TEMPERATURE CHART



Connections: 1/2" - 12" Flanged

DIMENSIONS inches (mm) AND WEIGHTS pounds (kg)

SIZE	A		B		C		D		E		WEIGHT	
	150	300	150	300	150	300	150	300	150	300	150	300
1/2 (15)	1/2 (13)	1/2 (13)	6 (152)	6 1/2 (165)	3 1/8 (99)	4 1/4 (108)	4 3/4 (121)	5 3/4 (146)	1/4 (8)	1/4 (8)	5.5 (2.5)	8 (3.6)
3/4 (20)	3/4 (19)	3/4 (19)	7 (178)	7 3/4 (197)	4 1/4 (108)	5 (127)	5 3/4 (146)	6 3/4 (171)	3/8 (10)	3/8 (10)	6.5 (3)	14 (6.4)
1 (25)	1 (25)	1 (25)	7 1/2 (191)	7 7/8 (200)	4 3/4 (121)	5 1 1/2 (140)	6 3/8 (162)	8 3/8 (206)	1/2 (15)	1/2 (15)	9 (4)	15 (6.8)
1 1/2 (40)	1 1/2 (38)	1 1/2 (38)	9 (229)	10 1/2 (267)	5 3/8 (143)	7 (178)	9 (229)	10 1/4 (260)	1/2 (15)	1/2 (15)	12 (5.5)	32 (15)
2 (50)	2 (51)	2 (51)	8 3/4 (219)	9 (229)	5 1/4 (133)	5 1 1/2 (145)	7 1/2 (191)	8 (203)	1/2 (15)	1/2 (15)	20 (9)	26 (12)
2 1/2 (65)	2 1/2 (64)	2 1/2 (64)	10 1/4 (260)	10 7/8 (276)	7 1/2 (191)	7 3/8 (183)	10 1/2 (267)	10 1/4 (260)	3/4 (20)	1 (25)	32 (14.5)	36 (79)
3 (80)	3 (76)	3 (76)	11 3/8 (295)	12 3/8 (320)	7 1 1/2 (195)	8 1/8 (207)	10 7/8 (276)	11 1/2 (292)	1 (25)	1 (25)	36 (16)	55 (25)
4 (100)	4 (102)	4 (102)	14 3/8 (365)	14 3/4 (372)	9 3/8 (232)	9 3/4 (245)	13 (330)	13 3/8 (346)	1 1/2 (40)	1 1/2 (40)	61 (28)	88 (40)
5 (125)	5 (127)	5 (127)	17 3/8 (448)	18 1/2 (470)	11 (279)	15 3/8 (391)	17 (432)	21 1/2 (546)	2 (50)	2 (50)	110 (50)	180 (82)
6 (150)	6 (152)	6 (152)	18 3/8 (473)	19 3/4 (502)	13 (330)	15 (381)	18 3/8 (467)	21 1/2 (546)	2 (50)	2 (50)	160 (73)	200 (91)
8 (200)	8 (203)	8 (203)	24 3/8 (619)	25 (635)	15 3/8 (389)	16 1/2 (419)	21 3/8 (549)	22 (559)	2 (50)	2 (50)	210 (95)	290 (132)
10 (250)	10 (254)	10 (254)	26 (660)	27 3/4 (705)	19 1/8 (486)	21 3/8 (538)	27 (686)	30 (762)	2 (50)	2 (50)	440 (200)	520 (236)
12 (300)	12 (305)	12 (305)	30 3/8 (772)	36 (914)	22 (559)	24 3/8 (617)	31 (787)	34 3/8 (873)	2 (50)	2 (50)	585 (265)	680 (308)