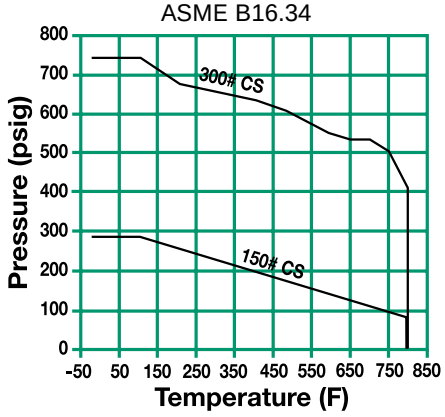
FT SERIES
FABRICATED T-STRAINERS
PRESSURES TO 3705 PSIG (255 BARG)
TEMPERATURES TO 800ºF (427ºC)

- **Custom engineered and fabricated T strainers**
- **RF or RTJ Flanges or Buttweld end connections in accordance with ASME 16.34 and 16.5**
- **Standard thru bolt cover design.**
- **Installaion in horizontal or vertical pipelines.**
- **Three flow configurations available.**
- **Stainless steel perforated screens are standard**
- **Cover lifting lug standard on sizes 10" and larger**

APPLICATIONS
- Steam, liquid, gas and oil service
- Power Industry
- Pulp & Paper
- Process Equipment
- Chemical Industry
- Metal & Mining
- Water & Waste
- Metal & Mining

PRESSURE/TEMPERATURE CHART
ASME B16.34



For higher pressure classes & other materials, consult factory.

For Quick Opening Covers see page 468

MODELS
- FT1 – Inline, straight through flow
- FT2 – 90 degree angle flow – top to side
- FT3 – 90 degree angle flow – side to top
- FTZ – Custom Configuration

OPTIONS
- Other materials, sizes and/or configurations
- Quick Opening covers – *See page 468*
- Other screen, mesh or wedgewire – *See page 484*
- Vent, Drain and/or differential pressure connections
- "U" stamped vessels
- NACE MRO10-75 Certification
- External/Internal coatings
- 600# flanges and higher
- Oxygen cleaning
- Contact Factory for other Options

APPLICABLE CODES
- Designed/Manufactured to meet ASME B31.1, ASME B31.3, or ASME B31.4 and/or ASME Section VIII, Div. 1.
- Canadian Registration Numbers (CRN)
- Welders certified to ASME Section IX

FT Series Ordering Code

	Model			Material	Inlet Size	Class	Connec-tion	Dash	Cover	Perf	Mesh
F	T	2	V	P	4	R	-	B	4	A	
1	2	3	4	5	6	7	8	9	10	11	

Model - Position 1 - 3
- FT1 - Inline Flow
- FT2 - 90 degree angle flow - Top to Side
- FT3 - 90 degree angle flow - Side to Top
- FTZ - Custom Configurations

Material - Position 4
- C - Carbon Steel
- L - Low Temp CS
- V - 304 SS
- T - 316 SS
- M - Monel
- Z - Other

For any variations, use the part numbering system above but clearly indicate the additional requirements.

Inlet Size - Position 5

H - 2	U - 16
J - 2½	V - 18
K - 3	W - 20
M - 4	X - 22
N - 5	Y - 24
P - 6	1 - 28
Q - 8	2 - 30
R - 10	3 - 36
S - 12	4 - 40
T - 14	Z - Other

Class - Position 6
- 1 - 150
- 2 - 250
- 3 - 300
- 4 - 600
- 5 - 900
- 6 - 1500
- Z - Other

Connection - Position 7
- B - Butt Weld[1]
- F - Flat Face Flange
- J - Ring Joint Flange
- R - Raised Face Flange
- Z - Other

Dash - Position 8

Cover - Position 9
- B - Bolted
- C - Bolted w/C-Clamp
- D - Bolted w/Davit
- J - Bolted w/Hinge
- H - T - Bolt Hinged
- T - Threaded Hinged
- Y - Yoke Hinged
- Z - Other

Perf - Position 10
304 SS Material[2]
- B - 3/64"
- 1 - 1/32"
- 2 - 1/16"
- 3 - 3/32"
- 4 - 1/8"
- 5 - 5/32"
- 6 - 3/16"
- 7 - 7/32"
- 8 - 1/4"
- 9 - 3/8"
- Z - Other

Mesh[2] - Position 11
- A - None
- 1 - 10
- 2 - 20
- 3 - 30
- 4 - 40
- 5 - 50
- 6 - 60
- 7 - 80
- 8 - 100
- 9 - 120
- Z - Other

1. For Buttweld connections please specify mating pipe schedule.
2. For other screen material, contact factory.

FT1 SERIES
FABRICATED T-STRAINERS

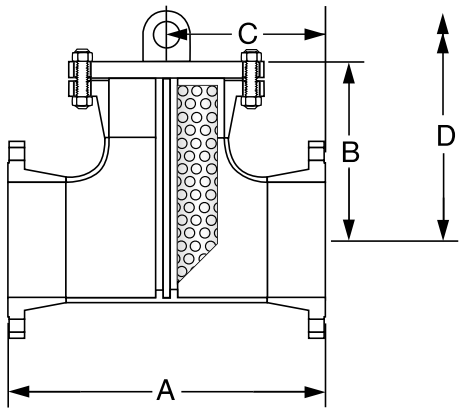
SPECIFICATION

T Strainer shall be designed and manufactured to meet ASME B31.1, ASME B31.3 or ANSI B31.4 and/or ASME Section VIII Div. 1. The strainer shall be straight flow design with vertical screen supports. The screen shall be size _____ perf Stainless Steel. The strainer shall have a bolted cover furnished. The strainer shall be have an inlet size of _____ and Open Area Ratio of _____. The T Strainer shall be SSI FT1 Series.

MATERIALS OF CONSTRUCTION (CARBON STEEL SHOWN*)

Part.....Carbon Steel
Body A234-WPB
Flanges A105
Screen[1] .....304 SS
Internal support ribs .....Carbon Steel
Coupling / threadolets A105
Gasket[1] .....304 SS Spiral Wound
Stud A193-B7
Nut.....A194-2H

* Other material available - consult factory
1. Recommended Spare Parts
Materials specification will change when NACE MR01-75 is specified.



Connections: 2-24"
RF, RTJ or Buttweld[2]

2. For Buttweld connection please specify mating pipe shedule.

SCREEN OPENINGS

SIZE	STANDARD SCREEN	MATERIALS
2"- 12"	1/8" Perf.	304SS
14"- 24"	3/16" Perf.	304SS

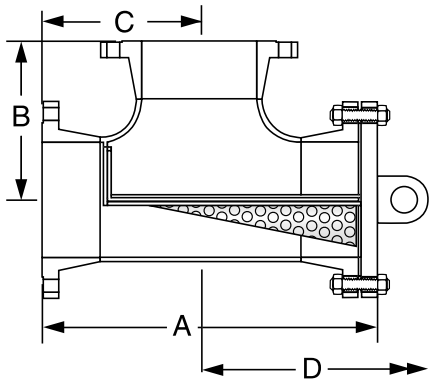
DIMENSIONS inches (mm) AND WEIGHTS pounds (kg)

(For 600#, 900# and 1500# dimensions and weights - contact factory)

Size	A				B		C				D		Approx. Weights					
	Flanged		Buttweld		Flanged/ Buttweld		Flanged		Buttweld		Flanged/ Buttweld		Cover		Unit (Flanged)		Unit (Buttweld)	
	CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS	
	150	300	150	300	150	300	150	300	150	300	150	300	150	300	150	300	150	300
2 (50)	10 (254)	10½ (267)	5 (127)	5 (127)	5⅞ (149)	6¼ (159)	5 (127)	5¼ (133)	2½ (63)	2½ (63)	11 (279)	11½ (292)	5 (2.3)	8 (3.6)	28 (12.7)	42 (19.1)	16 (7.3)	24 (10.9)
2½ (65)	11½ (292)	12 (305)	6 (152)	6 (152)	6⅝ (168)	7 (178)	5¾ (146)	6 (152)	3 (76)	3 (76)	12 15/16 (329)	13 7/16 (341)	7 (3.2)	14 (6.4)	40 (18.1)	55 (24.9)	25 (11.3)	30 (13.6)
3 (80)	12¼ (311)	13 (330)	6¾ (172)	6¾ (172)	7 3/16 (182)	7¾ (197)	6⅛ (155)	6½ (165)	3⅜ (86)	3⅜ (86)	13¾ (349)	14½ (368)	9 (4.1)	16 (7.3)	52 (23.6)	72 (32.7)	32 (14.5)	42 (19.1)
4 (100)	14¼ (362)	15 (381)	8¼ (210)	8¼ (210)	8 3/16 (208)	8⅞ (225)	7⅛ (181)	7½ (190)	4⅛ (105)	4⅛ (105)	16¼ (413)	17 (432)	17 (7.7)	27 (12.2)	79 (35.8)	125 (56.7)	49 (22.2)	75 (34)
5 (125)	16¾ (425)	17½ (445)	9¾ (248)	9¾ (248)	9 7/16 (240)	10¼ (260)	8 3/8 (212)	8¾ (222)	4⅞ (124)	4⅞ (124)	19¼ (489)	20 (508)	20 (9.1)	35 (15.9)	105 (47.6)	160 (72.6)	67 (30.4)	96 (43.5)
6 (150)	18¼ (464)	19 (483)	11¼ (286)	11¼ (286)	10¼ (260)	11 (281)	9⅛ (232)	9½ (241)	5⅝ (143)	5⅝ (143)	21¼ (540)	22 (559)	26 (11.8)	50 (22.7)	140 (63.5)	225 (102.1)	92 (41.7)	141 (64)
8 (200)	22 (559)	22¾ (578)	14 (356)	14 (356)	12¼ (311)	13⅛ (333)	11 (279)	11⅜ (289)	7 (178)	7 (178)	26 (660)	26¾ (679)	45 (20.4)	81 (36.7)	230 (104.3)	350 (158.8)	152 (68.9)	216 (98)
10 (250)	25 (635)	26¼ (667)	17 (432)	17 (432)	13 13/16 (351)	15⅛ (384)	12½ (317)	13⅛ (333)	8½ (216)	8½ (216)	30 (762)	31¼ (794)	70 (31.8)	124 (56.2)	325 (147.4)	495 (224.5)	221 (100.2)	313 (142)
12 (300)	29 (737)	30¼ (768)	20 (508)	20 (508)	15⅞ (403)	17¼ (438)	14½ (368)	15⅛ (384)	10 (254)	10 (254)	35 (889)	36¼ (921)	110 (49.9)	185 (83.9)	500 (226.8)	765 (347)	340 (154.2)	485 (220)
14 (350)	32 (813)	33¼ (845)	22 (559)	22 (559)	17½ (444)	18⅞ (479)	16 (406)	16⅝ (422)	11 (279)	11 (279)	39 (991)	40¼ (1022)	140 (63.5)	250 (113.4)	710 (322.1)	1025 (464.9)	490 (222.3)	665 (301.6)
16 (400)	34 (864)	35½ (902)	24 (610)	24 (610)	18 9/16 (471)	20⅛ (511)	17 (432)	17¾ (451)	12 (305)	12 (305)	42 (1067)	43½ (1105)	180 (81.6)	295 (133.8)	860 (390.1)	1320 (598.8)	580 (263.1)	820 (372)
18 (450)	38 (965)	39½ (1003)	27 (686)	27 (686)	20 11/16 (525)	22¼ (565)	19 (482)	19¾ (502)	13½ (343)	13½ (343)	47 (1194)	48½ (1232)	220 (99.8)	395 (179.2)	1025 (464.9)	1700 (771.1)	725 (328.9)	1060 (480.8)
20 (500)	41⅜ (1051)	42¾ (1085)	30 (762)	30 (762)	22½ (571)	24 (609)	20 11/16 (525)	21⅜ (542)	15 (381)	15 (381)	51⅜ (1305)	52¾ (1340)	285 (129.3)	505 (229.1)	1350 (612.4)	2250 (1020.6)	990 (449.1)	1450 (657.7)
24 (600)	46 (1168)	47¼ (1200)	34 (864)	34 (864)	25 (635)	26½ (673)	23 (584)	23⅝ (600)	17 (432)	17 (432)	58 (1473)	59¼ (1505)	430 (195)	790 (358.3)	2100 (952.6)	2340 (1061.4)	1580 (716.7)	2240 (1016.1)

Note: Cover lifting lugs standard on sizes 10 and larger. Lifting lug dimensions are not included above.
Dimensions shown are subject to change. Contact factory for certified prints when required.

FT2 SERIES
FABRICATED T-STRAINERS



SPECIFICATION

T Strainer shall be designed and manufactured to meet ASME B31.1, ASME B31.3 or ANSI B31.4 and/or ASME Section VIII Div. 1. The strainer shall be 90 degree angle flow design with horizontal screen supports. The flow shall be top to side. The screen shall be size _____ perf Stainless Steel. The strainer shall have a bolted cover furnished. The strainer shall be have an inlet size of _____ and Open Area Ratio of _____. The T Strainer shall be SSI FT2 Series.

MATERIALS OF CONSTRUCTION (CARBON STEEL SHOWN*)

Part.....Carbon Steel
Body A234-WPB
Flanges A105
Screen[1] .....304 SS
Internal support ribs .....Carbon Steel
Coupling / threadolets A105
Gasket[1] .....304 SS Spiral Wound
Stud A193-B7
Nut.....A194-2H

* Other material available - consult factory

1. Recommended Spare Parts

Materials specification will change when NACE MR01-75 is specified.

Connections: 2-24"
RF, RTJ or Buttweld[2]

2. For Buttweld connection please specify mating pipe shedule.

SCREEN OPENINGS

SIZE	STANDARD SCREEN	MATERIALS
2"- 12"	1/8" Perf.	304SS
14"- 24"	3/16" Perf.	304SS

DIMENSIONS inches (mm) AND WEIGHTS pounds (kg)

(For 600#, 900# and 1500# dimensions and weights - contact factory)

Size	A				B				C				D		Approx. Weights					
	Flanged		Buttweld		Flanged		Buttweld		Flanged		Buttweld		Flanged/ Buttweld		Cover		Unit (Flanged)		Unit (Buttweld)	
	CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS	
	150	300	150	300	150	300	150	300	150	300	150	300	150	300	150	300	150	300	150	300
2 (50)	10¾ (273)	11⅜ (289)	8¼ (209)	8⅝ (219)	5 (127)	5¼ (133)	2½ (63)	2½ (63)	5 (127)	5¼ (133)	2½ (63)	2½ (63)	12½ (318)	13 (330)	5 (2.3)	8 (3.6)	28 (12.7)	42 (19.1)	16 (7.3)	24 (10.9)
2½ (65)	12⅜ (314)	13 (330)	9⅝ (244)	10 (254)	5¾ (146)	6 (152)	3 (76)	3 (76)	5¾ (146)	6 (152)	3 (76)	3 (76)	14¾ (375)	15½ (394)	7 (3.2)	14 (6.4)	40 (18.1)	55 (24.9)	25 (11.3)	30 (13.6)
3 (80)	13 3/16 (335)	14⅛ (359)	10 7/16 (265)	11 (280)	6⅛ (155)	6½ (165)	3⅜ (86)	3⅜ (86)	6⅛ (155)	6½ (165)	3⅜ (86)	3⅜ (86)	15¼ (387)	16 (406)	9 (4.1)	16 (7.3)	52 (23.6)	72 (32.7)	32 (14.5)	42 (19.1)
4 (100)	15 3/16 (386)	16¼ (412)	12 3/16 (310)	12⅞ (327)	7⅛ (181)	7½ (190)	4⅛ (105)	4⅛ (105)	7⅛ (181)	7½ (190)	4⅛ (105)	4⅛ (105)	18⅜ (467)	19⅛ (486)	17 (7.7)	27 (12.2)	79 (35.8)	125 (56.7)	49 (22.2)	75 (34)
5 (125)	17 11/16 (449)	18⅞ (479)	14 3/16 (361)	15 (381)	8⅜ (212)	8¾ (222)	4⅞ (124)	4⅞ (124)	8⅜ (212)	8¾ (222)	4⅞ (124)	4⅞ (124)	21⅝ (549)	22⅜ (568)	20 (9.1)	35 (15.9)	105 (47.6)	160 (72.6)	67 (30.4)	96 (43.5)
6 (150)	19¼ (489)	20 7/16 (519)	15¾ (400)	16 9/16 (421)	9⅛ (232)	9½ (241)	5⅝ (143)	5⅝ (143)	9 1/8 (232)	9½ (241)	5⅝ (143)	5⅝ (143)	23 11/16 (606)	24⅝ (625)	26 (11.8)	50 (22.7)	140 (63.5)	225 (102.1)	92 (41.7)	141 (64)
8 (200)	23⅛ (588)	24⅜ (619)	19⅛ (486)	20 (508)	11 (279)	11⅜ (289)	7 (178)	7 (178)	11 (279)	11⅜ (289)	7 (178)	7 (178)	29 (737)	29¾ (756)	45 (20.4)	81 (36.7)	230 (104.3)	350 (158.8)	152 (68.9)	216 (98)
10 (250)	26 3/16 (665)	28⅛ (714)	22 3/16 (564)	23½ (597)	12½ (317)	13⅛ (333)	8½ (216)	8½ (216)	12½ (317)	13⅛ (333)	8½ (216)	8½ (216)	33½ (851)	34¾ (883)	70 (31.8)	124 (56.2)	325 (147.4)	495 (224.5)	221 (100.2)	313 (142)
12 (300)	30¼ (768)	32¼ (819)	25¾ (654)	27⅛ (689)	14½ (368)	15⅛ (384)	10 (254)	10 (254)	14½ (368)	15⅛ (384)	10 (254)	10 (254)	39 (991)	40¼ (1022)	110 (49.9)	185 (83.9)	500 (226.8)	765 (347)	340 (154.2)	485 (220)
14 (350)	33⅜ (848)	35⅜ (898)	28⅜ (720)	29¾ (755)	16 (406)	16⅝ (422)	11 (279)	11 (279)	16 (406)	16⅝ (422)	11 (279)	11 (279)	43 (1092)	44¼ (1124)	140 (63.5)	250 (113.4)	710 (322.1)	1025 (464.9)	490 (222.3)	665 (301.6)
16 (400)	35 7/16 (900)	37¾ (959)	30 7/16 (773)	32 (813)	17 (432)	17¾ (451)	12 (305)	12 (305)	17 (432)	17¾ (451)	12 (305)	12 (305)	46 (1168)	47½ (1207)	180 (81.6)	295 (133.8)	860 (390.1)	1320 (598.8)	580 (263.1)	820 (372)
18 (450)	39 9/16 (1005)	41⅞ (1063)	34 (865)	35⅝ (905)	19 (482)	19¾ (501)	13½ (343)	13½ (343)	19 (482)	19¾ (501)	13½ (343)	13½ (343)	51½ (1308)	53 (1346)	220 (99.8)	395 (179.2)	1025 (464.9)	1700 (771.1)	725 (328.9)	1060 (480.8)
20 (500)	43 (1094)	45¼ (1149)	37⅜ (949)	38⅞ (987)	20 11/16 (525)	21⅜ (543)	15 (381)	15 (381)	20 11/16 (525)	21⅜ (543)	15 (381)	15 (381)	59 11/16 (1516)	62¾ (1594)	285 (129.3)	505 (229.1)	1350 (612.4)	2250 (1020.6)	990 (449.1)	1450 (657.7)
24 (600)	47⅞ (1216)	50 (1270)	41⅞ (1064)	43⅜ (1102)	23 (584)	23⅝ (600)	17 (432)	17 (432)	23 (584)	23⅝ (600)	17 (432)	17 (432)	63 (1600)	64¼ (1632)	430 (195)	790 (358.3)	2100 (952.6)	2340 (1061.4)	1580 (716.7)	2240 (1016.1)

Note: Cover lifting lugs standard on sizes 10 and larger. Lifting lug dimensions are not included above.
Dimensions shown are subject to change. Contact factory for certified prints when required.

FT3 SERIES
FABRICATED T-STRAINERS

SPECIFICATION

T Strainer shall be designed and manufactured to meet ASME B31.1, ASME B31.3 or ANSI B31.4 and/or ASME Section VIII Div. 1. The strainer shall be 90 degree angle flow design. The flow shall be side to top. The screen shall be size _____ perf Stainless Steel. The strainer shall have a bolted cover furnished. The strainer shall be have an inlet size of _____ and Open Area Ratio of _____. The T Strainer shall be SSI FT3 Series.

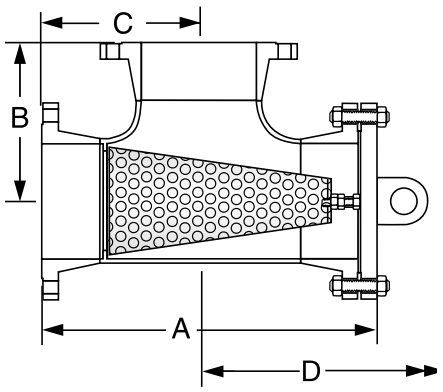
MATERIALS OF CONSTRUCTION (CARBON STEEL SHOWN*)

Part.....Carbon Steel
Body A234-WPB
Flanges A105
Screen[1] .....304 SS
Internal support ribs .....Carbon Steel
Coupling / threadolets A105
Gasket[1] .....304 SS Spiral Wound
Stud A193-B7
Nut.....A194-2H

* Other material available - consult factory

1. Recommended Spare Parts

Materials specification will change when NACE MR01-75 is specified.



Connections: 2-24"
RF, RTJ or Buttweld[2]

2. For Buttweld connection please specify mating pipe shedule.

SCREEN OPENINGS

SIZE	STANDARD SCREEN	MATERIALS
2"- 12"	1/8" Perf.	304SS
14"- 24"	3/16" Perf.	304SS

DIMENSIONS inches (mm) AND WEIGHTS pounds (kg)

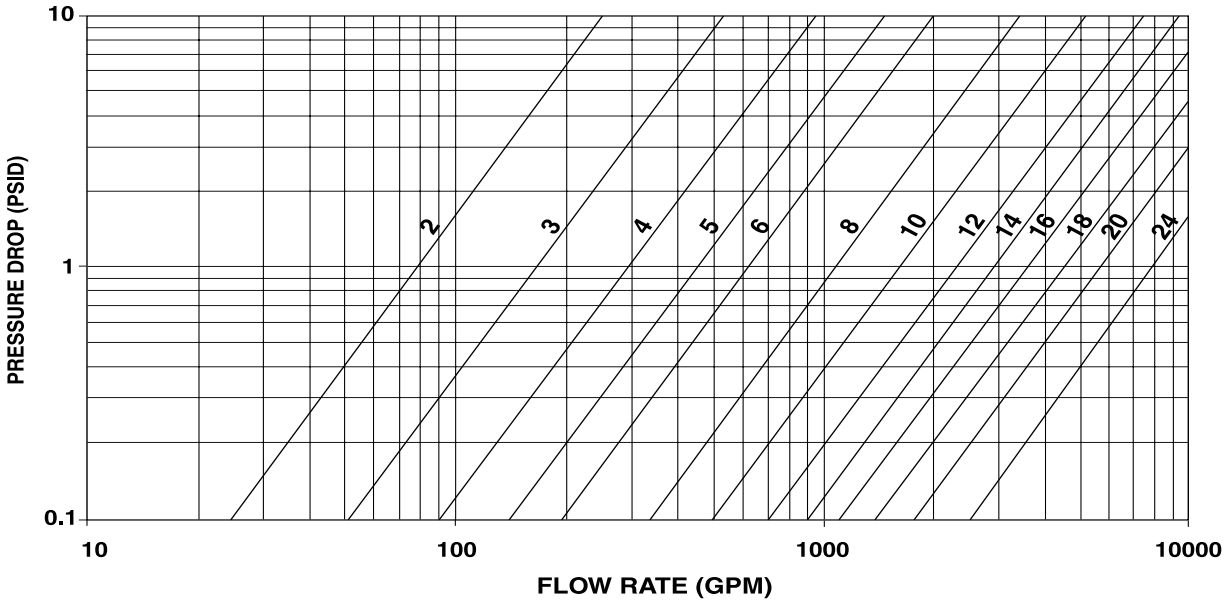
(For 600#, 900# and 1500# dimensions and weights - contact factory)

Size	A				B				C				D		Approx. Weights					
	Flanged		Buttweld		Flanged		Buttweld		Flanged		Buttweld		Flanged/ Buttweld		Cover		Unit (Flanged)		Unit (Buttweld)	
	CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS	
	150	300	150	300	150	300	150	300	150	300	150	300	150	300	150	300	150	300	150	300
2 (50)	10¾ (273)	11⅜ (289)	8¼ (209)	8⅝ (219)	5 (127)	5¼ (133)	2½ (63)	2½ (63)	5 (127)	5¼ (133)	2½ (63)	2½ (63)	12½ (318)	13 (330)	5 (2.3)	8 (3.6)	28 (12.7)	42 (19.1)	16 (7.3)	24 (10.9)
2½ (65)	12⅜ (314)	13 (330)	9⅝ (244)	10 (254)	5¾ (146)	6 (152)	3 (76)	3 (76)	5¾ (146)	6 (152)	3 (76)	3 (76)	14¾ (375)	15½ (394)	7 (3.2)	14 (6.4)	40 (18.1)	55 (24.9)	25 (11.3)	30 (13.6)
3 (80)	13 3/16 (335)	14⅛ (359)	10 7/16 (265)	11 (280)	6⅛ (155)	6½ (165)	3⅜ (86)	3⅜ (86)	6⅛ (155)	6½ (165)	3⅜ (86)	3⅜ (86)	15¼ (387)	16 (406)	9 (4.1)	16 (7.3)	52 (23.6)	72 (32.7)	32 (14.5)	42 (19.1)
4 (100)	15 3/16 (386)	16¼ (412)	12 3/16 (310)	12⅞ (327)	7⅛ (181)	7½ (190)	4⅛ (105)	4⅛ (105)	7⅛ (181)	7½ (190)	4⅛ (105)	4⅛ (105)	18⅜ (467)	19⅛ (486)	17 (7.7)	27 (12.2)	79 (35.8)	125 (56.7)	49 (22.2)	75 (34)
5 (125)	17 11/16 (449)	18⅞ (479)	14 3/16 (361)	15 (381)	8⅜ (212)	8¾ (222)	4⅞ (124)	4⅞ (124)	8⅜ (212)	8¾ (222)	4⅞ (124)	4⅞ (124)	21⅝ (549)	22⅜ (568)	20 (9.1)	35 (15.9)	105 (47.6)	160 (72.6)	67 (30.4)	96 (43.5)
6 (150)	19¼ (489)	20 7/16 (519)	15¾ (400)	16 9/16 (421)	9⅛ (232)	9½ (241)	5⅝ (143)	5⅝ (143)	9 1/8 (232)	9½ (241)	5⅝ (143)	5⅝ (143)	23 11/16 (606)	24⅝ (625)	26 (11.8)	50 (22.7)	140 (63.5)	225 (102.1)	92 (41.7)	141 (64)
8 (200)	23⅛ (588)	24⅜ (619)	19⅛ (486)	20 (508)	11 (279)	11⅜ (289)	7 (178)	7 (178)	11 (279)	11⅜ (289)	7 (178)	7 (178)	29 (737)	29¾ (756)	45 (20.4)	81 (36.7)	230 (104.3)	350 (158.8)	152 (68.9)	216 (98)
10 (250)	26 3/16 (665)	28⅛ (714)	22 3/16 (564)	23½ (597)	12½ (317)	13⅛ (333)	8½ (216)	8½ (216)	12½ (317)	13⅛ (333)	8½ (216)	8½ (216)	33½ (851)	34¾ (883)	70 (31.8)	124 (56.2)	325 (147.4)	495 (224.5)	221 (100.2)	313 (142)
12 (300)	30¼ (768)	32¼ (819)	25¾ (654)	27⅛ (689)	14½ (368)	15⅛ (384)	10 (254)	10 (254)	14½ (368)	15⅛ (384)	10 (254)	10 (254)	39 (991)	40¼ (1022)	110 (49.9)	185 (83.9)	500 (226.8)	765 (347)	340 (154.2)	485 (220)
14 (350)	33⅜ (848)	35⅜ (898)	28⅜ (720)	29¾ (755)	16 (406)	16⅝ (422)	11 (279)	11 (279)	16 (406)	16⅝ (422)	11 (279)	11 (279)	43 (1092)	44¼ (1124)	140 (63.5)	250 (113.4)	710 (322.1)	1025 (464.9)	490 (222.3)	665 (301.6)
16 (400)	35 7/16 (900)	37¾ (959)	30 7/16 (773)	32 (813)	17 (432)	17¾ (451)	12 (305)	12 (305)	17 (432)	17¾ (451)	12 (305)	12 (305)	46 (1168)	47½ (1207)	180 (81.6)	295 (133.8)	860 (390.1)	1320 (598.8)	580 (263.1)	820 (372)
18 (450)	39 9/16 (1005)	41⅞ (1063)	34 (865)	35⅝ (905)	19 (482)	19¾ (501)	13½ (343)	13½ (343)	19 (482)	19¾ (501)	13½ (343)	13½ (343)	51½ (1308)	53 (1346)	220 (99.8)	395 (179.2)	1025 (464.9)	1700 (771.1)	725 (328.9)	1060 (480.8)
20 (500)	43 (1094)	45¼ (1149)	37⅜ (949)	38⅞ (987)	20 11/16 (525)	21⅜ (543)	15 (381)	15 (381)	20 11/16 (525)	21⅜ (543)	15 (381)	15 (381)	59 11/16 (1516)	62¾ (1594)	285 (129.3)	505 (229.1)	1350 (612.4)	2250 (1020.6)	990 (449.1)	1450 (657.7)
24 (600)	47⅞ (1216)	50 (1270)	41⅞ (1064)	43⅜ (1102)	23 (584)	23⅝ (600)	17 (432)	17 (432)	23 (584)	23⅝ (600)	17 (432)	17 (432)	63 (1600)	64¼ (1632)	430 (195)	790 (358.3)	2100 (952.6)	2340 (1061.4)	1580 (716.7)	2240 (1016.1)

Note: Cover lifting lugs standard on sizes 10 and larger. Lifting lug dimensions are not included above.
Dimensions shown are subject to change. Contact factory for certified prints when required.

FT1 SERIES†
FABRICATED T-STRAINER
PRESSURE DROP - LIQUIDS
Water Service, Clean Basket, 1/32" - 1/4" Perforated Screen*

(SIZES 2" - 24")



Notes:

(1) Pressure drop curves are based on water flow with standard screens. See Screen Correction Factor Chart for correction factors to be used with other fluids and/or screen openings.

* For Gas or Air service, consult Factory

† FT2 and FT3 - For Pressure Drop contact Factory.

Correction Factors for Clogged Screens Consult Factory	**Steam Service Pressure Drop** Consult Factory	**Correction Factors for Other Viscous Liquids and/or Mesh Liners** Consult Factory

FT1 SERIES†
FABRICATED T-STRAINER
OPEN AREA RATIOS
with Standard Perforated Screen

For FT2, FT3 Open Area Ratios please contact SSI.

Size	Perf. Diameter (inches)	Opening %	XH Pipe Inlet Area (in^2)	Gross Screen Area (in^2)	Free Screen Area (in^2)	Open Area Ratio (OAR)
2	1/8	40%	3.36	22	9	2.7
2½	1/8	40%	4.79	25	10	2.1
3	1/8	40%	7.39	40	16	2.2
4	1/8	40%	12.73	58	23	1.8
5	1/8	40%	20.01	82	33	1.6
6	1/8	40%	28.89	105	42	1.5
8	1/8	40%	50.03	167	67	1.3
10	1/8	40%	78.85	235	94	1.2
12	1/8	40%	113.10	330	132	1.2
14	3/16	50%	140.50	420	210	1.5
16	3/16	50%	185.66	510	255	1.4
18	3/16	50%	237.10	640	320	1.3
20	3/16	50%	294.83	780	390	1.3
24	3/16	50%	429.13	1,060	530	1.2

OAR = Free Screen Area / Inlet Area
Free Screen Area = Opening % x Gross Screen Area
Values shown are approximate. Consult factory for exact ratios.

† FT2 and FT3 - For Open Area Ratios contact Factory.

Other Screen Openings
Page 484

Basket Burst Pressure
Page 485