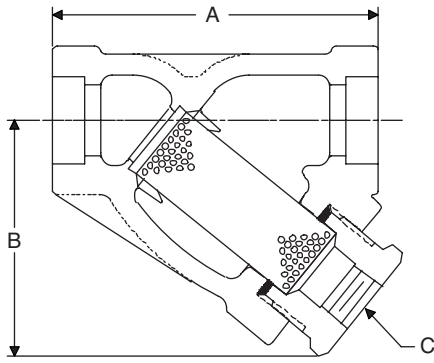


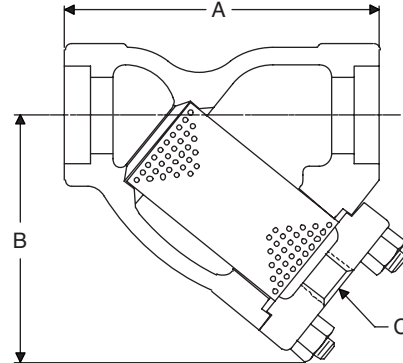


Cast Stainless Steel (CF8M)

1,500 lb and 600 lb Screwed, Socketweld 1/2" - 3"

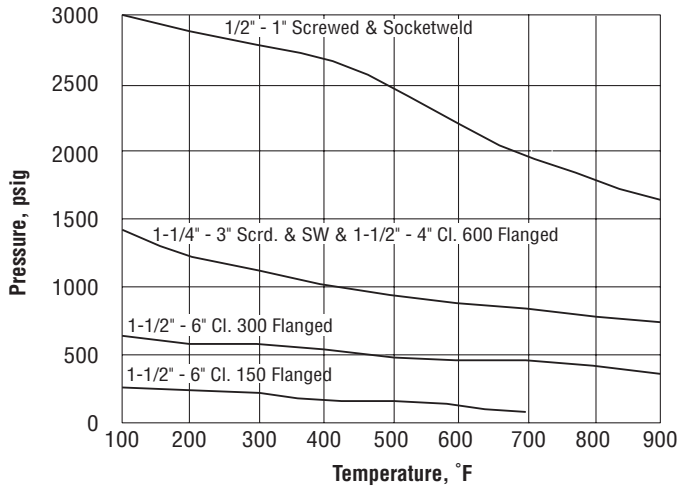


1500 Lb. E7SC/E7SW 1/2", 3/4", 1"



600 Lb. E7SC/E7SW 1-1/4", 1-1/2", 2", 3"

Pressure/Temperature Rating



For a fully detailed certified drawing, refer to:
E7SC/E7SW 1/2", 3/4", 1" CD #1060
E7SC/E7SW 1-1/4", 1-1/2", 2", 3" CD #1061



Strainers

Materials: 1,500 lb and 600 lb Screwed or Socketweld 1/2" - 3" (15 - 80 mm)

Connection Size		Body	Screen Retainer	Gasket	Bolting	Standard Screen
in	mm					
1/2, 3/4, 1	15, 20, 25	ASTM A351 Gr. CF8M	ASTM A276	316 SS Flat	N/A	316 SS .045" perforated†
1-1/4, 1-1/2, 2	32, 40, 50		ASTM A351 Gr. CF8M	304 SS Spiral Wound Non-asbestos	Studs ASTM A193 Gr. B7 Nuts ASTM A194 Gr. 2H	
3	80			Non-asbestos	Cap Screws ASTM A193 Gr. B7	

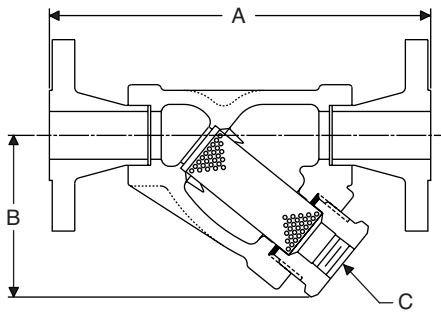
†NOTE: Other screen materials available. See page 425.

Physical Data: 1,500 lb and 600 lb Screwed or Socketweld 1/2" - 3" (15 - 80 mm)

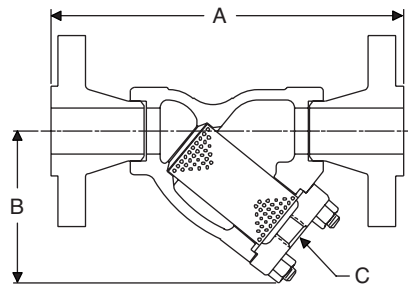
Size		Ordering Code Standard Screen		Weight		Dimensions						Maximum Pressure				Screen Retainer Type	Connections
						A		B		C		Saturated Steam		100°F (38°C) non-shock			
in	mm	Scr'd	SW	lb	kg	in	mm	in	mm	in	mm	psig	bar	psig	bar		
1/2	15	1500# E7SC	1500# E7SW	2-1/2	1.1	3-3/4	95	2-11/16	68	3/8	9.5	2,090	144	3,000	207	Threaded	ANSI B1.20.1 Screwed
3/4	20			3-1/2	1.6	4-3/16	106	2-15/16	75								
1	25			6	3	5	127	3-1/2	89								
1-1/4	32	600# E7SC	600# E7SW	9	4	5-1/2	140	4-3/16	106	1/2	15	935	64	1,440	99	Bolted	ANSI B16.11 Socketweld
1-1/2	40			11	5	6-5/16	160	4-13/16	122								
2	50			19	9	7-3/4	197	5-5/8	143								
3	80			50	23	11-3/8	289	8-3/16	208	1-1/4	32						

Cast Stainless Steel (CF8M)

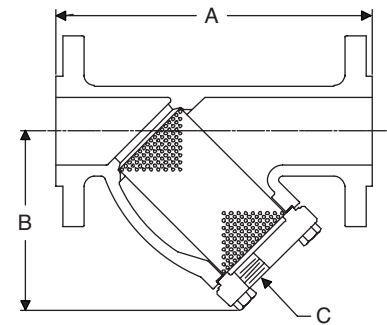
Cl. 150, 300 Flanged 1/2" - 6" and Cl. 600 Flanged 1/2" - 4"



E7FL 1/2", 3/4", 1"



E7FL 1-1/2", 2", 3"



E7FL 4", 6"

For a fully detailed certified drawing, refer to list below:

E7FL 1/2", 3/4", 1"

CD #1071

E7FL 1-1/2", 2", 3"

CD #1063

E7FL 4", 6"

CD #1068

Materials: Cl. 150, 300 Flanged 1/2" - 6" (15 - 150 mm) and Cl. 600 Flanged 1/2" - 4" (15 - 100 mm)

Connection Size		Body	Screen Retainer	Gasket	Bolting	Standard Screen
in	mm					
1/2, 3/4, 1	15, 20, 25	ASTM A351 Gr. CF8M	ASTM A276	316 SS Flat	N/A	316 SS .045" perforated†
1-1/2, 2	40, 50		ASTM A351 Gr. CF8M	304 SS Spiral Wound Non-asbestos	Studs ASTM A193 Gr. B7 Nuts ASTM A194 Gr. 2H	
3, 4, 6	80, 100, 150			Non-asbestos	Cap Screws ASTM A193 Gr. B7	

†NOTE: Other screen materials available. See page 425.

Physical Data: Class 150, 300 Flanged 1/2" - 6" (15 - 150 mm) and Class 600 Flanged 1/2" - 4" (15 - 100 mm)

Size	Ordering Code, Standard Screen	Weight		Dimensions						Maximum Pressure				Screen Retainer Type	Flanges
				A		B		C		Saturated Steam		100°F (38°C) non-shock			
in	mm	lb	kg	in	mm	in	mm	in	mm	psig	bar	psig	bar		
1/2	15	5	2.3	6-7/8	175	2-11/16	68	3/8	9.5	200	14	275	19	Threaded	ANSI B16.5 1/16" RF
3/4	20	10	4.5	7-3/8	187	2-15/16	75	1/2	15						
1	25	11	5	8-3/8	213	3-1/2	89							1-1/4	
1-1/2	40	20	9	10-1/8	257	4-13/16	122	1-1/2	40						
2	50	25	11	11-1/2	292	5-5/8	143							Bolted	
3	80	55	25	15-5/8	397	8-3/16	208								
4	100	79	36	16-5/8	422	10-3/4	273								
6	150	—	—	22-5/8	574	15-1/4	387								
1/2	15	6-1/2	3	7-1/4	184	2-11/16	68			3/8	9.5	495	34	720	50
3/4	20	9-1/2	4.3	7-3/4	197	2-15/16	75	1/2	15						
1	25	13-1/2	6	8-7/8	226	3-1/2	89			1-1/4	32				
1-1/2	40	22	10	10-3/4	273	4-13/16	122	Bolted							
2	50	33	15	12-1/8	308	5-5/8	143								
3	80	74	34	16-3/8	416	8-3/16	208								
4	100	144	65	17-1/4	438	10-3/4	273								
6	150	301	137	23-1/2	597	15-1/4	387								
1/2	15	8-1/2	4	7-11/16	195	2-11/16	68			3/8	9.5	935	64	1440	99
3/4	20	9-1/2	4.3	8-1/4	210	2-15/16	75	1/2	15						
1	25	13-1/2	6	9-3/8	238	3-1/2	89			1-1/4	32				
1-1/2	40	27	12	11-5/16	287	4-13/16	122	Bolted							
2	50	31	14	12-3/4	324	5-5/8	143								
3	80	74	34	17-1/8	435	8-3/16	208								
4	100	152	69	18-1/4	464	10-3/4	273								

NOTE: For pressure/temperature ratings, see page 432.

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit www.armstronginternational.com for up-to-date information.