

Class 125 Iron Y-Strainer

Bolted Bonnet • Blow-off Plug • Flanged End
• 20 Mesh SS Screen or SS Perforated Screen

2" - 12": 125 PSI/8.6 Bar Saturated Steam to 353°F/178°C
200 PSI/13.8 Bar Non-Shock Cold Working Pressure

14" & 16": 100 PSI/6.9 Bar Saturated Steam to 353°F/178°C
150 PSI/ 10.3 Bar Non-Shock Cold Working Pressure

CONFORMS TO ANSI B16.1 (FLANGE)



F-721-A
Flanged

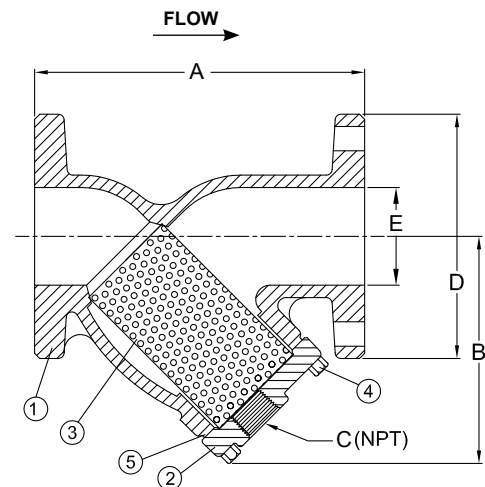
MATERIAL LIST

PART	SPECIFICATION
1. Body	Cast Iron ASTM A126 Class B
2. Bonnet	Cast Iron ASTM A126 Class B
3. Screen	Stainless Steel AISI 304
4. Bolt	Carbon Steel ASTM A307
5. Gasket	Metal-Filled Graphite
6. Plug	Cast Iron ASTM A126 Class B

DIMENSIONS—WEIGHTS

Dimensions													
SIZE		A		B		C		D		E		Weight	
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.
2	50	7.87	199.9	5.25	133.4	½	15	6.0	152.4	2.00	50.8	18.00	8.16
2½	65	10.00	254.0	6.50	165.1	1	25	7.0	177.8	2.50	63.5	28.00	12.70
3	80	10.12	257.0	7.00	177.8	1	25	7.5	190.5	3.00	76.2	34.00	15.42
4	100	12.12	307.8	8.25	209.6	1 ½	40	9.0	228.6	4.00	101.6	60.00	27.22
5	125	15.62	396.7	11.25	285.8	2	50	10.0	254.0	5.00	127.0	95.00	43.09
6	150	18.50	469.9	13.50	342.9	2	50	11.0	279.4	6.00	152.4	133.00	60.33
8	200	21.62	549.1	15.50	393.7	2	50	13.5	342.9	8.00	203.2	247.00	112.04
10	250	26.00	660.4	18.50	469.9	2	50	16.0	406.4	10.00	254.0	320.00	145.15
12	300	29.87	758.7	21.75	552.5	2	50	19.0	482.6	12.00	304.8	579.00	262.63
14*	350	33.25	844.6	26.06	662.0	2	50	21.0	533.4	14.00	355.6	772.00	350.17
16*	400	38.75	984.3	30.15	765.8	2	50	23.5	596.9	16.00	406.4	1133.00	513.92

* Sizes 14" and 16" rated to 150 CWP, 100 SWP



F-721-A
Flanged

FLOW COEFFICIENTS

SIZE	C _v	SIZE	C _v
2"	68	8"	925
2½"	125	10"	1692
3"	162	12"	2260
4"	273	14"	3200
5"	382	16"	4950
6"	557		

NOTE: 2" - 12": 125 psi saturated steam to 353°F/178°C and 200 psi CWP

14" and 16": 100 psi saturated steam to 85°F/150 psi CWP

SCREEN SIZE:

2" - 4": 1/16" perforation
(37% open area)

5" - 16": 1/8" perforation
(40% open area)