

Model: 752

Cast Iron Flanged End Y Type Strainers Size: 1½" - 24" (40 - 600mm)

Working Pressure - Non-Shock

ASME B16.1

NPT Sizes	500psi @ -20 to 150°F
1½" - 12"	34.5 bar @ -29 to 65°C
	250psi @ 450°F
	17.2 bar @ 232°C
NPT Sizes	300psi @ -20 to -150°F
14" - 24"	20.7 bar @ -29 to 65°C
	200psi @ 406°F
	13.8 bar @ 208°C

752

Class 250



Model 752

Typical Service

- Used extensively to strain foreign matter from pipe lines and provide economical protection for costly pumps, meters, valves, and other similar mechanical equipment

Features

- Mueller "Breech-Lok Strainers"
 - Furnished as standard in sizes 8" and larger.
 - A one quarter-turn securely locks the screen in its seat.
 - Allows for easy bolting of the cover flange.
 - Tapered seats in both the body and cover flange retain screen and prevent particle bypass

Construction

- Gasketed cover, O-ring seats available.

Self-Cleaning

- Self-cleaning is accomplished by opening the plug or valve connected to the blowoff outlet

Blowoff Outlets

- Outlets are NPT tapped
- Sizes of tapping specified on next page.
- Not normally furnished with plug. Plug available, specify with order

Capacity

- Generously proportioned bodies
- Open Area Ratio much greater than pipe size, ensuring low pressure drop.

Screens

MODEL	SIZES	STANDARD (WATER)		STEAM RECOMMENDATION	
		MATERIAL	OPENING	MATERIAL	OPENING
752	1½" - 4"	304SS	.062" perf	304SS	.045" perf
	5" - 10"	304SS	.125" perf	304SS	.045" perf
	10" & Up	304SS	.125" perf	304SS	.062" perf

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____



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Materials

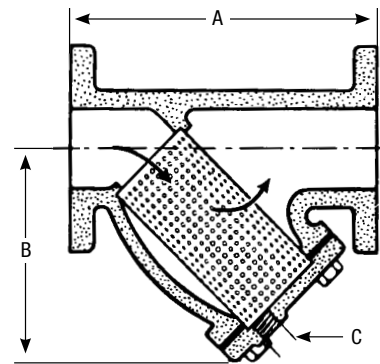
752	
Body	Cast Iron ASTM A126-B
Cover	A126-B 1½" - 5", A516-70 Plate 6" & Up
Gasket	Compressed Fiber

Pressure Drop

See Pressure Drop Charts in Technical Data section of the Mueller Steam Engineering binder.

Dimensions and Weights

SIZE		DIMENSIONS						WEIGHT	
		A		B		C			
in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.
1½	40	8 ¹ / ₁₆	204	4 ³ / ₄	121	½	15	24	10.9
2	50	9 ⁹ / ₁₆	237	6	152	½	15	26	12
2½	65	11 ¹ / ₁₆	281	7 ¹ / ₈	181	1	25	40	18
3	80	12 ⁵ / ₈	321	9 ¹ / ₈	232	1¼	32	59	26.8
3½	90	14 ³ / ₈	365	9	229	1¼	32	76	34
4	100	15 ⁵ / ₈	397	10 ⁷ / ₈	276	1½	40	93	42
5	125	18¼	464	12 ¹⁹ / ₁₆	329	2	50	146	66
6	150	20 ³ / ₁₆	512	14½	368	2	50	194	88
8	200	25 ¹ / ₈	638	16 ⁷ / ₁₆	418	2	50	316	143
10	250	29 ¹ / ₈	739	21	533	2	50	475	215
12	300	33¾	857	25	635	2	50	750	3740
14	350	38¾	984	28¾	730	2	50	908	412
16	400	44 ¹ / ₈	1128	29 ⁵ / ₈	752	2	50	1135	515
18	450	47¾	1213	34 ¹¹ / ₁₆	881	2	50	2400	1090
20	500	56	1422	39	991	2	50	3350	1522
24	600	57½	1461	45	1143	2	50	4705	2138



Model 752

Apply for Certified Drawings.

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