

# Model: 752

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

Working Pressure - Non-Shock ANSI B16.1	
	CWP
1½" - 12"	500psi @ 150°F
14" - 24"	200psi @ 150°F
	Steam
1½" - 12"	250psi @ 450°F
14" - 24"	200psi @ 406°F

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 \_\_\_\_\_

Job Location \_\_\_\_\_

Engineer \_\_\_\_\_

Approval \_\_\_\_\_

Contractor \_\_\_\_\_

Approval \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Representative \_\_\_\_\_

## Materials

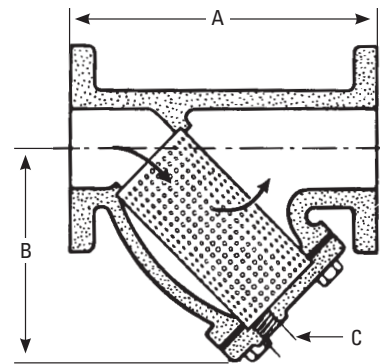
752	
Body	Cast Iron ASTM A126-B
Cover	A126-B 1½" - 5", A516-70 Plate 6" & Up
Gasket	Compressed Fiber

## 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 <sup>1</sup> / <sub>16</sub>	204	4 <sup>3</sup> / <sub>4</sub>	121	½	15	24	10.9
2	50	9 <sup>5</sup> / <sub>16</sub>	237	6	152	½	15	26	12
2½	65	11 <sup>1</sup> / <sub>16</sub>	281	7 <sup>1</sup> / <sub>8</sub>	181	1	25	40	18
3	80	12 <sup>5</sup> / <sub>8</sub>	321	9 <sup>1</sup> / <sub>8</sub>	232	1¼	32	59	26.8
3½	90	14 <sup>3</sup> / <sub>8</sub>	365	9	229	1¼	32	76	34
4	100	15 <sup>5</sup> / <sub>8</sub>	397	10 <sup>7</sup> / <sub>8</sub>	276	1½	40	93	42
5	125	18¼	464	12 <sup>15</sup> / <sub>16</sub>	329	2	50	146	66
6	150	20 <sup>3</sup> / <sub>16</sub>	512	14½	368	2	50	194	88
8	200	25 <sup>1</sup> / <sub>8</sub>	638	16 <sup>7</sup> / <sub>16</sub>	418	2	50	316	143
10	250	29 <sup>1</sup> / <sub>8</sub>	739	21	533	2	50	475	215
12	300	33 <sup>3</sup> / <sub>4</sub>	857	25	635	2	50	750	3740
14	350	38 <sup>3</sup> / <sub>4</sub>	984	28 <sup>3</sup> / <sub>4</sub>	730	2	50	908	412
16	400	44 <sup>1</sup> / <sub>8</sub>	1128	29 <sup>5</sup> / <sub>8</sub>	752	2	50	1135	515
18	450	47 <sup>3</sup> / <sub>4</sub>	1213	34 <sup>11</sup> / <sub>16</sub>	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



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Apply for Certified Drawings.

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