

Mueller Steam Specialty

Models: 851M*, 852

* 851M supersedes model 851. Consult factory.

WORKING PRESSURES - NON-SHOCK

	Steam	WOG
851, 851M 852	150 PSI @ 406° F 300 PSI @ 406° F	225 PSI 500 PSI

Cast Bronze Flanged "Y" Strainer

851M **Class 150**
852 **Class 300**



Model 851M, 852

SERVICE RECOMMENDATIONS

These strainers offer complete protection to pumps, meters, traps, valves and similar expensive mechanical equipment. Installation of a strainer before any mechanical equipment will ensure trouble free service and avoid the costly shutdowns, repairs or replacements often caused by the introduction of foreign matter in pipe lines.

SCREENS

Steam service strainers usually furnished with 3/64" perforated heavy gauge stainless steel screens for all sizes through 8". Water service strainers furnished with 1/16" perforated through 4" size. 5" and above furnished with 1/8" perforations. In addition to a large variety of perforations other than those normally furnished, mesh linings and perforated monel are also available. See page B-4.

CONSTRUCTION

Manufactured from 85-5-5-5 bronze (ASTM B62) because of its superior qualities in high temperature service. Also available in ASTM B61 (M-metal). Sizes through 4" feature a tapered self aligning seat. Larger sizes have a machined seat for the screen. All sizes have a flanged blowoff cap. Furnished flat faced and drilled.

SELF CLEANING

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

CAPACITY

Generously proportioned bodies with screens that have open area many times greater than the corresponding pipe size ensure low pressure loss.

BLOWOFF OUTLETS

Tapped NPT, sizes specified on next page. Not normally furnished plugged.

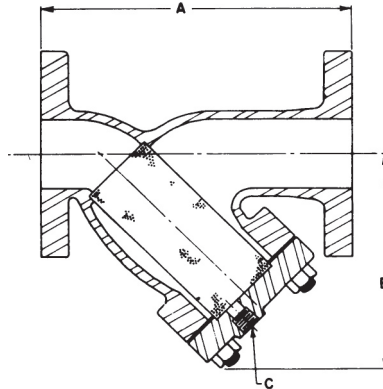
PRESSURE DROP: See page C-2.

INDIVIDUALLY HYDROSTATICALLY TESTED.

MATERIAL: Bronze ASTM B62 (85-5-5-5)
Bronze ASTM B61 (M-metal)

Mueller Steam Specialty

Dimensions and Weights



Model 851M, 852

SIZE		1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5	6	8	10	12
		15	20	25	30	40	50	65	80	90	100	125	150	200	250	300
A	851M in	5-7/8	7-3/8	7-3/8	6-5/8	6-11/16	7-7/8	9-3/4	10	-	12-1/8	15-1/2	18-1/2	24	27-5/8	32-1/2
	mm	149	187	187	168	170	200	248	254	-	308	394	470	610	702	826
B	852 in	6	7-13/16	7-13/16	8	8-1/8	9	10-5/8	12-1/2	14-1/8	15-1/8	18-5/8	19-1/8	25-3/16	29-1/8	34
	mm	152	198	198	203	206	229	270	318	359	384	479	486	640	740	864
C	851M in	3-1/4	3-3/4	3-3/4	4-5/16	4-5/16	5-1/4	6-1/2	7	-	8-1/4	11-1/4	13-1/2	16-1/2	19-3/8	22-5/8
	mm	83	95	95	125	110	133	165	178	-	210	286	343	413	492	575
C	852 in	31/4	3-3/4	3-5/8	4-1/2	4-3/4	6	7-3/8	9-1/16	9-1/16	10-7/8	13-9/16	15-7/8	16-1/2	19-3/8	22-5/8
	mm	83	95	92	114	121	152	187	230	230	276	344	403	413	492	575
C	851M in	3-8	1/2	1/2	1/2	1/2	1/2	1	1-1/4	-	1-1/2	2	2	2	2	2
	mm	10	15	15	15	15	15	20	32	-	40	50	50	50	50	50
C	852 in	3/8	1/2	1/2	1/2	1/2	1/2	1	1-1/4	1-1/4	1-1/2	2	2	2	2	2
	mm	10	15	15	15	15	15	20	32	32	40	50	50	50	50	50
WEIGHTS																
C	851M lb	7	13	13	17	17	28	38	64	-	84	140	160	296	408	798
	kg	3.1	5.9	5.9	7.7	7.7	12	17	29	-	38	63	72	134	185	362
C	852 lb	12	18	18	26	26	28	48	75	88	110	164	212	359	493	938
	kg	50.4	8.1	8.1	11	11	12.7	21	34	40	50	74	96	163	224	425

Approximate Dimensions and Weights. Apply For Certified Drawings.