

# Mueller Steam Specialty

## Model: 758

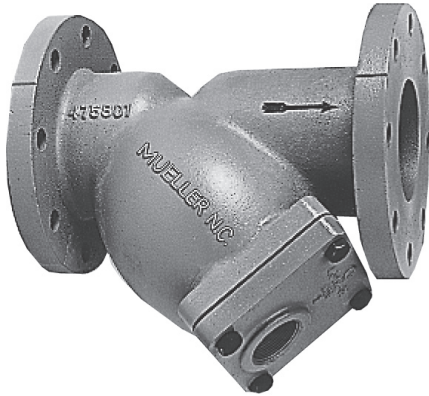
WORKING PRESSURES - NON-SHOCK  
in accordance with ANSI B 16.5-1981

Steam	WOG
2"-12" 125 PSI @ 450° F	200 PSI @ 150° F
14"-20" 100 PSI @ 353° F	150 PSI @ 150° F

## Cast Iron Flanged "Y" Strainers

### 758

### Class 125



Model 758

#### SERVICE RECOMMENDATIONS

The 758 "Y" strainer is recommend for use in water, oil, gas and steam piping to provide economical protection for pumps, meters, valves, compressors, traps and similar equipment.

#### SCREENS

Standard screens for 758 are perforated 304 stainless steel with spot welded seam. Perforated monel and other alloys are available as an option. Mesh lining is available in all alloys for extra fine straining. Recommended standard perforations are listed below.

3/4"-4"	.062 (1/16")	Water, Oil, Gas
5"-12"	.125 (1/8")	
2"-10"	.045 (3/64")	Steam
12"	.062 (1/16")	

Consult factory for other applications

#### CONSTRUCTION

All covers have an NPT blowoff outlet at location "C". Recessed seat in the cover assures accurate screen alignment. Bosses at the inlet and outlet flanges are provided for gage taps. See page C-2 for pressure drop information.

#### SELF CLEANING

Self cleaning is done by opening the valve or plug connected to the blowoff outlet. Advise when strainers are to be mounted in vertical piping so we can rotate the cover to position the blowoff at the lowest point.

#### BLOWOFF OUTLETS

Tapped NPT, sizes specified in the dimension table. Blowoff outlets are not normally furnished with plugs.

#### INDIVIDUALLY HYDROSTATICALLY TESTED.

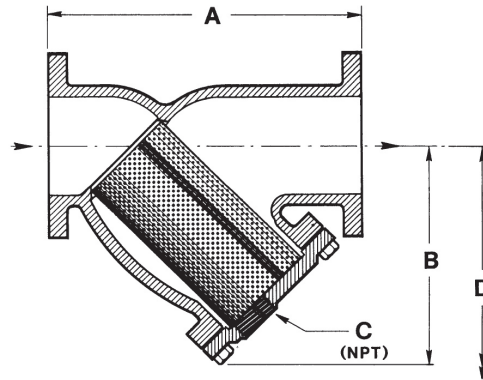
**MATERIALS:** Body Cast iron, ASTM A126-B  
Cover Carbon Steel, ASTM A36  
Flat Gasket Non-Asbestos  
(Consult factory for other materials)

#### MUELLER "BREECH-LOK" STRAINERS

Furnished as standard in sizes 8" and larger. A one-quarter turn securely locks the screen in its seat and frees the serviceman for bolting the cover flange to the body of the strainer.

# Mueller Steam Specialty

## Dimensions and Weights



Model 758

<b>SIZE</b>	in mm	<b>3/4"</b> <b>20</b>	<b>1"</b> <b>25</b>	<b>1-1/4"</b> <b>30</b>	<b>1-1/2"</b> <b>40</b>	<b>2"</b> <b>50</b>
<b>A</b>	in	7-3/8	7-3/8	7-1/2	7-1/2	7-7/8
	mm	187	187	190	190	200
<b>B</b>	in	3-3/4	3-7/8	4-3/4	4-3/4	5-1/4
	mm	95	98	120	120	133
<b>C</b> (NPT)	in	1/2	1/2	1/2	1/2	1/2
	mm	15	15	15	15	15
<b>D</b> screen removal	in	5	5	6-1/2	6-1/2	7
	mm	127	127	165	165	178
<b>WEIGHTS</b>						
	lb	10	10	13	13	18
	kg	4.5	4.5	5.9	5.9	8

<b>SIZE</b>	in mm	<b>2-1/2"</b> <b>65</b>	<b>3"</b> <b>80</b>	<b>4"</b> <b>100</b>	<b>5"</b> <b>125</b>	<b>6"</b> <b>150</b>	<b>8"</b> <b>200</b>	<b>10"</b> <b>250</b>	<b>12"</b> <b>300</b>	<b>14"</b> <b>350</b>	<b>16"</b> <b>400</b>	<b>18"</b> <b>450</b>	<b>20"</b> <b>500</b>
<b>A</b>	in	10	10-1/8	12-1/8	15-5/8	18-1/2	21-5/8	25-3/4	29-7/8	33-1/4	38-3/4	43-1/8	
	mm	254	257	308	397	470	549	654	759	846	984	1105	
<b>B</b>	in	6-1/2	7	8-1/4	11-1/4	13-1/2	15-1/2	18-1/2	21-3/4	25	26-1/2	31	
	mm	165	178	210	286	343	394	470	553	635	673	788	
<b>C</b> (NPT)	in	1	1	1-1/2	2	2	2	2	2	2	2	2	
	mm	25	25	40	50	50	50	50	50	50	50	50	
<b>D</b> screen removal	in	9-3/4	10	12	17	20	22-3/4	28	30	36-1/2	42	45-1/2	
	mm	248	254	305	432	508	578	711	762	927	1067	1156	
<b>WEIGHTS</b>													
	lb	28	34	60	95	133	247	370	579	863	1380	2272	
	kg	12	15	27	43	60	112	168	263	392	627	1032	

Approximate Dimensions and Weights. Apply For Certified Drawings.