

Model: 758G**Model 758G LOCXEND® Y Strainers**
Sizes: 2" – 12" (50 – 300mm)

Pressure / Temperature – Non-Shock		
Model	Material	CWP
758G	Ductile Iron	640psi @ 100°F 150psi @ 565°F

Pressure/Temperature can be limited by gasket material. Consult factory.



Model 758G

Typical Service

- The LOCXEND® Y Strainer is designed for installation in grooved end piping systems.
- 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

- All covers have NPT blowoff outlet at Location C. See next page.
- Recessed seat in the cover assures accurate screen alignment.
- Bosses at the inlet and outlet flanges are provided for the gauge taps.

Self-cleaning

- Self-cleaning is accomplished by opening the plug or valve 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

- 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

Pressure Drop

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

Screens

MODEL	SIZES	STANDARD (WATER)		STEAM RECOMENDATION	
		MATERIAL	OPENING	MATERIAL	OPENING
758G	2"–4"	304SS	.062 perf	304SS	.045 perf
758G	5"–8"	304SS	.125 perf	304SS	.045 perf
758G	10" and Up	304SS	.125 perf	304SS	.062 perf

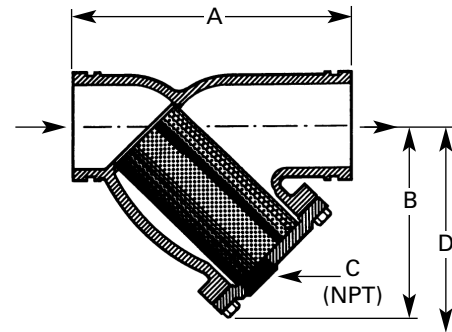
Materials

	758G
Body	Ductile Iron ASTM A536
Cover	Ductile Iron ASTM A536
Flat Gasket	Compressed Fiber
Screen	304 Stainless Steel

Consult factory for other materials.

Dimensions and Weights

SIZE		DIMENSIONS						WEIGHT			
		A		B		C (NPT)		D			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg.
2	50	7 $\frac{7}{8}$	200	5 $\frac{1}{4}$	133	1 $\frac{1}{2}$	13	7	178	12	5.44
2 $\frac{1}{2}$	65	10	254	6 $\frac{1}{2}$	165	1	25	9 $\frac{3}{4}$	248	18	8.16
3	80	10 $\frac{1}{8}$	257	7	178	1	25	10	250	23	10.4
4	100	12 $\frac{1}{8}$	308	8 $\frac{1}{4}$	210	1 $\frac{1}{2}$	38	12	305	42	19
5	125	15 $\frac{5}{8}$	397	11 $\frac{1}{4}$	286	2	51	17	432	80	36.3
6	150	18 $\frac{1}{2}$	470	13 $\frac{1}{2}$	343	2	51	20	508	112	50.8
8	200	21 $\frac{5}{8}$	549	15 $\frac{1}{2}$	394	2	51	22 $\frac{3}{4}$	578	205	93
10	250	29 $\frac{1}{8}$	654	19 $\frac{1}{4}$	470	2	51	29 $\frac{1}{4}$	711	277	125.6
12	300	33 $\frac{3}{4}$	762	22 $\frac{7}{8}$	552	2	51	35 $\frac{1}{4}$	762	470	213.2



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