

Models: LF352, LF358

LEAD FREE*

Lead Free Brass Screwed and Solder Y Type Strainers

Working Pressure - Non Shock	
$\frac{3}{8}$ " - 2"	CWP
LF352	400 psi @ 150°F
LF358	385 psi @ 180°F

Working Pressure - Non Shock	
2 $\frac{1}{2}$ " - 3"	CWP
LF352	300 psi @ 150°F
LF358	300 psi @ 180°F

LF352 (Screwed)
LF358 (Solder)



LF352

Typical Service

- Used extensively to strain foreign matter from pipelines and provide economical protection for costly pumps, meters, valves, and other similar mechanical equipment in potable water systems

Features

- Lead Free* Brass Body and Cap
- Y Pattern
- Tapped Retainer Cap
- Closure plug included
- Special flared screen opening on upstream end provides unrestricted flow through the strainer

Construction

- Straight threaded, gasketed cap is used for easy disassembly and assembly.

Self-Cleaning

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

Blowoff Outlets

- Outlets are NPT tapped
- Closure plug is included

Capacity

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

Screens

MODEL	SIZES	STANDARD (WATER)	
		MATERIAL	OPENING
All	$\frac{3}{8}$ " - 3"	304SS	20 mesh

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

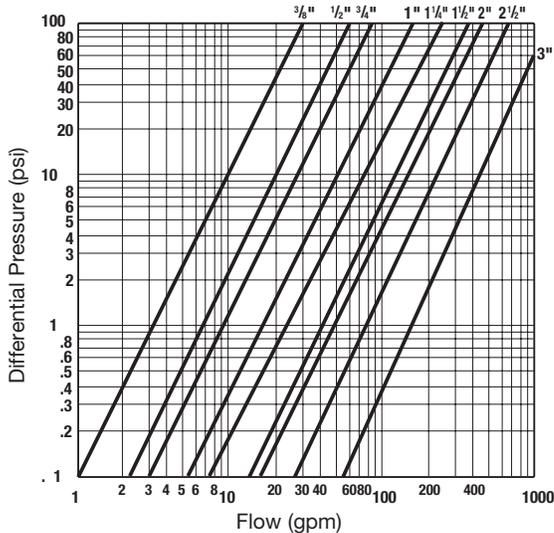
Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Material

	LF352, LF358
Body	Lead Free* Brass
Cap	Lead Free* Brass
Plug	Lead Free* Brass
Gasket	NBR

*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

Pressure Drop



Flow curves show flows (gpm) and pressure drop (psig) through Mueller Steam Specialty Models LF352 and LF358 using standard 20 mesh screen.

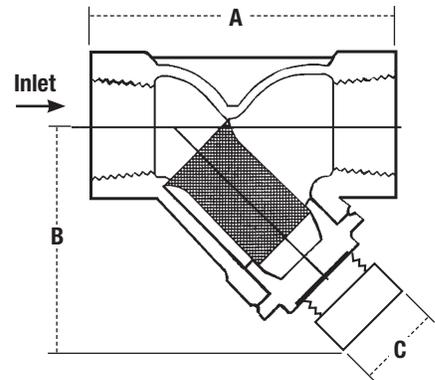
Dimensions and Weights

LF352

SIZE (DN)		DIMENSIONS						WEIGHT	
		A		B		C			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
3/8	10	2 3/8	60	1 5/16	33	1/4	6	0.4	0.18
1/2	15	2 3/4	70	1 3/8	35	1/4	6	0.5	0.23
3/4	20	3 3/16	81	1 5/8	42	1/4	6	0.6	0.27
1	25	3 3/4	95	2 1/8	54	1/2	13	1.1	0.50
1 1/4	32	4 7/16	113	2 1/2	64	1/2	13	1.9	0.86
1 1/2	40	4 7/8	124	3	76	3/4	19	2.4	1.09
2	50	5 9/16	151	3 9/16	91	1	25	4.4	2.00
2 1/2	65	9 1/16	230	5 7/8	149	1 1/2	38	9.8	4.44
3	80	10 3/16	259	6 1/4	159	1 1/2	38	13.2	5.99

LF358

SIZE (DN)		DIMENSIONS						WEIGHT	
		A		B		C			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
1/2	15	2 3/4	70	1 3/8	35	1/4	6	0.4	0.18
3/4	20	3 3/8	86	1 5/8	42	1/4	6	0.6	0.27
1	25	3 3/4	95	2 1/8	54	1/2	13	0.9	0.41
1 1/4	32	4 9/16	116	2 1/2	64	1/2	13	1.5	0.68
1 1/2	40	5 9/16	135	3	76	3/4	19	1.9	0.86
2	50	6 1/8	156	3 9/16	91	1	25	3.3	1.50



* Please note that these models LF352 and LF358 have different dimensions and weights than Mueller standards models 352M and 358S

Mueller Steam Specialty product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Mueller Steam Specialty Technical Service. Mueller Steam Specialty reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Mueller Steam Specialty products previously or subsequently sold.



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