

# Models: LF351, LF352, LF358

## LEAD FREE\*

### Cast Lead Free\* Bronze Screwed and Solder Y Strainers Sizes: 1/4" - 3" (8 - 80mm)

**Pressure/Temperature - Non-Shock**

Model	Material	Rating
LF351	LF Bronze C87800	200psi @ -20 to 150°F 13.8 bar @ 66°C
		50psi @ 350°F 10.3 bar @ 177°C
LF352	LF Bronze C87800	400 psi @ -20 to 150°F 27.6 bar @ 66°C
		300psi @ 350°F 20.7 bar @ 177°C
LF358	LF Bronze C87800	400psi @ -20 to 100°F 27.6 bar @ 37.8°C

- LF351** Screwed      **Class 125**
- LF352** Screwed      **Class 250**
- LF358** Solder        **Class 125**



LF351 Screwed ends (shown)  
 LF352 Screwed ends



LF358 Solder ends

#### Typical Service

- Used to strain foreign matter from pipelines and provide economical protection for costly pumps, meters, valves, and other similar mechanical equipment
- Lead Free\* construction to comply with lead free installation requirements.

#### Features

- Machined seats in both body and cap align and lock the screen in place to stop sediment bypass.
- Lead Free\* materials of construction

#### 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 are specified on next page
- Not normally furnished with plug. Plug is 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 RECOMENDATION	
		MATERIAL	OPENING	MATERIAL	OPENING
All	1/4" - 2"	304SS	20 mesh	304SS	.033 perf
	2 1/2" - 3"	304SS	.062 perf	304SS	.033 perf

#### Materials

	LF351, LF352, LF358
Body	C87800
Cap	C87800
Screen	304SS
Gasket	Metal Filled Graphite

\*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

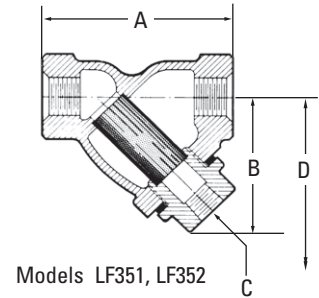
Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

## Pressure Drop

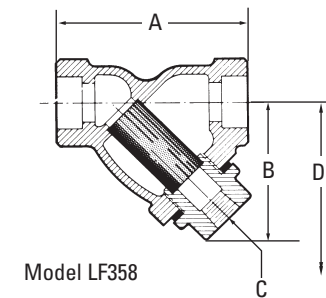
- See Pressure Drop Charts in Technical Data Section of the Mueller Steam Specialty Engineering binder.
- Pressure drops are the same as previous models 351M, 352M , 358S

## Dimensions and Weights

SIZE		DIMENSIONS						WEIGHT			
		A		B		C (NPT)		D Screen Removal			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.
<b>LF351, LF352</b>											
1/4	8	2 3/4	70	2 1/4	57	1/4	6	2 1/2	64	.75	.34
3/8	10	2 3/4	70	2 1/4	57	1/4	6	2 1/2	64	.75	.34
1/2	15	2 3/4	70	2 1/4	57	1/4	6	2 1/2	64	.75	.34
3/4	20	3	76	2 9/16	65	3/8	10	2 5/8	67	1.38	.62
1	25	3 3/4	95	2 3/4	70	3/8	10	3 3/8	86	2.13	.96
1 1/4	32	4 7/16	113	3 5/8	81	3/4	20	4 5/8	117	3.13	1.4
1 1/2	40	4 15/16	125	3 7/8	98	3/4	20	5	127	4.5	2
2	50	6 1/8	156	5 1/8	130	1	25	6 7/8	175	7	3.1
2 1/2	65	8 1/4	210	6	152	1 1/4	32	8 3/4	222	12.5	5.6
3	80	9	229	6 3/4	171	1 1/2	38	9 3/4	248	18	8
<b>LF358</b>											
1/4	8	3	76	2 1/4	57	1/4	6	1/4	6	.75	.34
3/8	10	3	76	2 1/4	57	1/4	6	1/4	6	.75	.34
1/2	15	3	76	2 1/4	57	1/4	6	1/4	6	.75	.34
3/4	20	3 11/16	93	2 9/16	65	3/8	10	3/8	10	1.38	.62
1	25	4 3/4	120	2 3/4	70	3/8	10	3/8	10	2.13	.96
1 1/4	32	5 7/16	138	3 5/8	81	3/4	20	3/4	20	3.13	1.4
1 1/2	40	5 15/16	150	3 7/8	98	3/4	20	3/4	20	4.5	2
2	50	7 9/16	192	5 1/8	130	1	25	1	25	7	3.1
2 1/2	65	9 3/4	248	6	152	1 1/4	32	1 1/4	32	12.5	5.6
3	80	10 3/8	264	6 3/4	171	1 1/2	38	1 1/2	38	18	8



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Model LF358

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A Watts Water Technologies Company

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