

# 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 150psi @ 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	30 mesh
	2 1/2" - 3"	304SS	.062 perf	304SS	.045 perf

#### Materials

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



\*In accordance with NSF 61/NSF 372, wetted surfaces contain less than 0.25% lead by weight. Models qualify as "LEAD FREE" products.

Job Name \_\_\_\_\_

Job Location \_\_\_\_\_

Engineer \_\_\_\_\_

Approval \_\_\_\_\_

Contractor \_\_\_\_\_

Approval \_\_\_\_\_

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

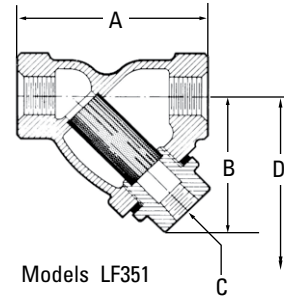
Representative \_\_\_\_\_

# Pressure Drop

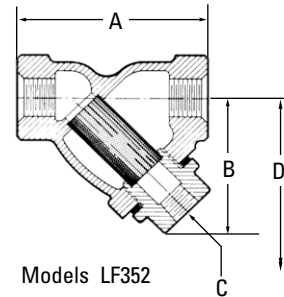
- See Pressure Drop Charts in Technical Data Section of the Mueller Steam Specialty Engineering binder.
- Pressure drops are the same as previous models 351M, 352M , 358S

# Dimensions and Weights

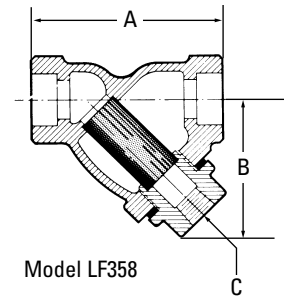
SIZE		DIMENSIONS								WEIGHT	
		A		B		C (NPT)		D SCREEN REMOVAL			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg
<b>LF351</b>											
1/4	8	2 3/4	70	2 1/16	53	1/4	6	2 1/2	64	0.78	0.35
3/8	10	2 3/4	70	2 1/16	53	1/4	6	2 1/2	64	0.76	0.34
1/2	15	2 3/4	70	2 1/16	53	1/4	6	2 1/2	64	0.7	0.32
3/4	20	3	76	2 3/16	55	3/8	10	2 5/8	67	0.94	0.43
1	25	3 3/4	95	2 1/2	64	3/8	10	3 3/8	86	1.46	0.66
1 1/4	32	4 7/16	113	3 5/8	92	3/4	20	4 5/8	117	2.87	1.30
1 1/2	40	4 15/16	125	3 11/16	93	3/4	20	5	127	3.57	1.62
2	50	6 1/8	156	4 3/4	121	1	25	6 7/8	175	5.76	2.61
2 1/2	65	8 1/4	210	6	153	1 1/4	32	8 3/4	222	11.7	5.30
3	80	9	229	6 3/4	171	1 1/2	38	9 3/4	248	15.8	7.16
<b>LF352</b>											
1/4	8	2 3/4	70	2 1/16	53	1/4	6	2 1/2	64	1.03	0.47
3/8	10	2 3/4	70	2 1/16	53	1/4	6	2 1/2	64	0.76	0.34
1/2	15	2 3/4	70	2 1/16	53	1/4	6	2 1/2	64	0.7	0.32
3/4	20	3	76	2 3/16	55	3/8	10	2 5/8	67	1.38	0.63
1	25	3 3/4	95	2 1/2	64	3/8	10	3 3/8	86	2.22	1.01
1 1/4	32	4 7/16	113	3 5/8	92	3/4	20	4 5/8	117	4.01	1.82
1 1/2	40	4 15/16	125	3 11/16	93	3/4	20	5	127	5.1	2.31
2	50	6 1/8	156	4 3/4	121	1	25	6 7/8	175	8.32	3.77
2 1/2	65	8 1/4	210	6	153	1 1/4	32	8 3/4	222	15.5	7.02
3	80	9	229	6 3/4	171	1 1/2	38	9 3/4	248	20.9	9.47
<b>LF358</b>											
1/4	8	3	76	1 15/16	50	1/4	6	1/4	6	0.56	0.25
3/8	10	3	76	1 15/16	50	1/4	6	1/4	6	0.62	0.28
1/2	15	3	76	1 15/16	50	1/4	6	1/4	6	0.57	0.26
3/4	20	3 11/16	94	2 1/16	53	3/8	10	3/8	10	0.91	0.41
1	25	4 3/4	121	2 7/16	62	3/8	10	3/8	10	1.62	0.73
1 1/4	32	5 7/16	138	3 9/16	90	3/4	20	3/4	20	2.84	1.29
1 1/2	40	5 15/16	151	3 11/16	93	3/4	20	3/4	20	3.95	1.79
2	50	7 9/16	192	4 13/16	122	1	25	1	25	5.84	2.65
2 1/2	65	9 3/4	248	6 3/16	157	1 1/4	32	1 1/4	32	14.4	6.52
3	80	10 3/8	264	6 7/8	175	1 1/2	38	1 1/2	38	14.4	6.52



Models LF351



Models LF352



Model LF358

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