

# 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. \_\_\_\_\_

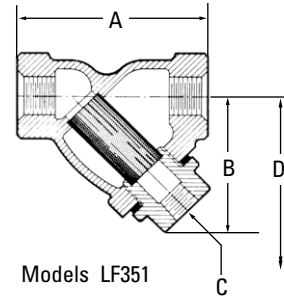
Representative \_\_\_\_\_

# Pressure Drop

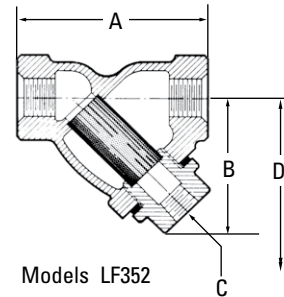
- See Pressure Drop Charts in Technical Data Section of the Mueller Steam Specialty Engineering binder.
- Pressure drops are the same as previous models 351M, 352M , 358S

# Dimensions and Weights

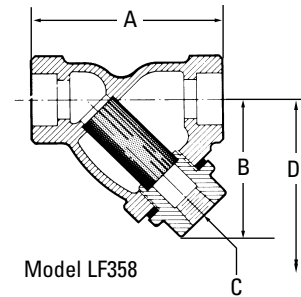
SIZE		DIMENSIONS								WEIGHT	
		A		B		C (NPT)		D SCREEN REMOVAL			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg
<b>LF351</b>											
¼	8	2¾	70	2½	53	¼	6	2½	64	0.78	0.35
⅜	10	2¾	70	2½	53	¼	6	2½	64	0.76	0.34
½	15	2¾	70	2½	53	¼	6	2½	64	0.7	0.32
¾	20	3	76	2⅝	55	⅜	10	2⅝	67	0.94	0.43
1	25	3¾	95	2½	64	⅜	10	3⅜	86	1.46	0.66
1¼	32	4⅞	113	3⅝	92	¾	20	4⅝	117	2.87	1.30
1½	40	4⅞	125	3⅞	93	¾	20	5	127	3.57	1.62
2	50	6⅞	156	4¾	121	1	25	6⅞	175	5.76	2.61
2½	65	8¼	210	6	153	1¼	32	8¾	222	11.7	5.30
3	80	9	229	6¾	171	1½	38	9¾	248	15.8	7.16
<b>LF352</b>											
¼	8	2¾	70	2½	53	¼	6	2½	64	1.03	0.47
⅜	10	2¾	70	2½	53	¼	6	2½	64	0.76	0.34
½	15	2¾	70	2½	53	¼	6	2½	64	0.7	0.32
¾	20	3	76	2⅝	55	⅜	10	2⅝	67	1.38	0.63
1	25	3¾	95	2½	64	⅜	10	3⅜	86	2.22	1.01
1¼	32	4⅞	113	3⅝	92	¾	20	4⅝	117	4.01	1.82
1½	40	4⅞	125	3⅞	93	¾	20	5	127	5.1	2.31
2	50	6⅞	156	4¾	121	1	25	6⅞	175	8.32	3.77
2½	65	8¼	210	6	153	1¼	32	8¾	222	15.5	7.02
3	80	9	229	6¾	171	1½	38	9¾	248	20.9	9.47
<b>LF358</b>											
¼	8	3	76	1⅞	50	¼	6	¼	6	0.56	0.25
⅜	10	3	76	1⅞	50	¼	6	¼	6	0.62	0.28
½	15	3	76	1⅞	50	¼	6	¼	6	0.57	0.26
¾	20	3⅞	94	2⅞	53	⅜	10	⅜	10	0.91	0.41
1	25	4¾	121	2⅞	62	⅜	10	⅜	10	1.62	0.73
1¼	32	5⅞	138	3⅞	90	¾	20	¾	20	2.84	1.29
1½	40	5⅞	151	3⅞	93	¾	20	¾	20	3.95	1.79
2	50	7⅞	192	4⅞	122	1	25	1	25	5.84	2.65
2½	65	9¾	248	6⅞	157	1¼	32	1¼	32	14.4	6.52
3	80	10⅞	264	6⅞	175	1½	38	1½	38	14.4	6.52



Models LF351



Models LF352



Model LF358

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