

# 59LF-300 Series

Bronze Wye-Strainer

## LEAD FREE



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

### DESCRIPTION

The Apollo Lead Free\* 59LF-300 Series Heavy Pattern Strainers are designed with large area screens to protect piping systems and process equipment from unwanted foreign particles with minimum pressure loss.

### FEATURES

- EZ-Solder™ Lead Free\* Bronze
- 100% Factory Pressure Tested
- Self-Aligning Screen Design
- Numerous Mesh and Blow-off Options including Blow-off Ball Valves
- ARRA Compliant
- **100% Cast, Machined and Assembled in the USA**

### MODELS

- (59000) Female NPT Connection
- (59LF000) Lead Free Female NPT Connection
- (59FL300) Lead Free Solder Connection (1/2"-3")

### APPROVALS

- NSF/ANSI 372 - Lead Free
- CRN-OE 8959.5

### PERFORMANCE RATING

- Working Pressure:  
CWP: 400 psi  
SWP: 125 psi
- Maximum Temperature: 350° F

### OPTIONS

- (-E1) – 20 Mesh
- (-O1) – Plain Cap
- (-B1) – 60 Mesh
- (-C1) – 80 Mesh
- (-H1) – 100 Mesh
- (-O2) – Tapped Cap
- (-P2) – Tapped Cap with Plug
- (-O6) – Tapped cap with Ball Valve (3/4" – 2" Only)

### STANDARD MATERIALS LIST

<b>BODY</b>	Cast Bronze, ASTM Lead Free B584
<b>CAP</b>	Lead Free Brass, UNS C27450 (1/2" - 1") Lead Free Brass, ASTM B584 C89836 (1-1/4" - 3")
<b>SCREEN</b>	Stainless Steel, 304
<b>O-RING (1/2")</b>	PTFE
<b>GASKET (3/4" - 3")</b>	PTFE

### DIMENSIONS

PART NUMBER	SIZE (IN.)	LENGTH (IN.)	CAP TAPPING (-O2 SUFFIX)	NET SCREEN AREA (IN²)	WT. (LB.)
59LF-303	1/2	2.75	1/4 NPT	3.2	0.50
59LF-304	3/4	4.00	1/2 NPT	6.7	1.21
59LF-305	1	4.75	3/4 NPT	10.8	1.89
59LF-306	1-1/4"	5.25	3/4 NPT	13.5	2.80
59LF-307	1-1/2	6.00	1 NPT	19.0	4.26
59LF-308	2	7.25	1-1/4 NPT	27.6	6.27
59LF-309	2-1/2	9.58	1-1/4 NPT	41.0	11.17
59LF-310	3	10.58	1-1/2 NPT	56.0	16.48

### STANDARD SCREENS

SIZE (IN.)	SCREEN
1/2	50 Mesh
3/4 to 3	20 Mesh

\*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.

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### FLOW CURVES

