

59LF Series

Model YB-LF - Bronze Wye-Strainer

LEAD FREE

SUBMITTAL SHEET

"Apollo" Flow Controls



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

DESCRIPTION

The Apollo® Lead Free* YB-LF (59LF) 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

- Lead Free*
- 100% Factory Pressure Tested
- Removable 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

APPROVALS

- NSF/ANSI - 372 Lead Free

PERFORMANCE RATING

- Working Pressure (Non-Shock): 400 PSIG @ 150°F
- Max Temperature: 450°F

MODELS

- (59LF000) Female NPT Connection
- (59LF300) Solder Connection (1/2"-3")
- (59LF400) FNPT Inlet X Male NPT Out (3/4"-1")

OPTIONS

- (-E1) - 20 Mesh
- (-A1) - 40 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

BODY	Cast Bronze, ASTM Lead Free B584
CAP	Lead Free Bronze, UNS C27451 (1/8" - 1") Lead Free Bronze, ASTM B584 C89836 (1-1/4" - 4")
SCREEN	Stainless Steel, 304
O-RING (1-8" - 1/2")	PTFE
GASKET (3/4" - 4")	PTFE

DIMENSIONS

MODEL NUMBER	PART NUMBER	SIZE (IN.)	LENGTH (IN.)		CAP TAPPING (-O2 SUFFIX)	NET SCREEN AREA (IN ²)	WT. (LB.)
			FNPT	MNPT			
YB18LF	59LF-000-01	1/8	2	NA	1/8 NPT	2.3	.44
YB14LF	59LF-001-01	1/4	2	NA	1/8 NPT	2.3	.42
YB38LF	59LF-002-01	3/8	2.69	NA	1/4 NPT	3.2	.78
YB12LF	59LF-003-01	1/2	2.69	NA	1/4 NPT	3.2	.75
YB34LF	59LF-004-01	3/4	4.25	NA	1/2 NPT	6.7	1.7
YB1LF	59LF-005-01	1	4.75	NA	3/4 NPT	10.8	2.7
YB114LF	59LF-006-01	1-1/4	5.13	NA	3/4 NPT	13.5	3.4
YB112LF	59LF-007-01	1-1/2	5.75	NA	1 NPT	19.0	5.3
YB2LF	59LF-008-01	2	6.66	NA	1-1/4 NPT	27.6	7.2
YB212LF	59LF-009-01	2-1/2	8.24	NA	1-1/4 NPT	41.0	11.3
YB3LF	59LF-010-01	3	9	NA	1-1/2 NPT	56.0	15.5
YB4LF	59LF-011-01	4	11.92	NA	1-1/2 NPT	98.0	30.7
59LF-400							
YBM34LF	59LF-404-01	3/4	NA	4.25	1/2 NPT	6.7	1.7
YBM1LF	59LF-405-01	1	NA	4.75	3/4 NPT	10.8	2.7

Model number and part number shown are for FNPT connections.

STANDARD SCREENS

SIZE (IN.)	SCREEN
1/8 to 1/2	50 Mesh
3/4 to 3	20 Mesh
4	.125 Perforation

*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.

Customer Service (704) 841-6000
www.apolloflowcontrols.com

This specification is provided for reference only. Conbraco Industries Inc. reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold. Please visit apolloflowcontrols.com for the most current information.



59LF Series

Model YB-LF - Bronze Wye-Strainer

LEAD FREE

SUBMITTAL SHEET

"Apollo" Flow Controls

FLOW CURVES

