

'Apollo' Valves

SUBMITTAL SHEET

LEAD FREE

Model CVB-LF

61LF Series In-line Check Valve



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	
Wholesale Distributor:	



DESCRIPTION

The Apollo® CVB-LF (61LF Series) Ball Cone® check valves offer reliable protection against reverse flow and exceptional resistance to chemicals and corrosion using proven ASTM grade Lead Free* materials. They are well-suited for a broad range of applications, including saturated steam and chemical service. They may be installed in both horizontal and vertical orientation with upward flow.

FEATURES

- NSF /ANSI 61 Section 8
- NSF/ANSI 372 Lead Free
- FNPT Threaded Connections
- 1/2 psi standard spring cracking pressure
- Tight Shut-off With Liquid Media
- Straight-through Flow Design Efficiency
- **100% Made and Tested in the USA meets ARRA**
- 61LF-100 – RPTFE Ball cone for chemical resistance
- 61LF-500
 - Soft Seat – EPDM standard
 - Optional - Viton or Nitrile seat

OPTIONS

- Soft Seat (61LF-500 Series)
- Solder x Solder (61LF-600 Series soft seat)
- (-A1) 0 psig Cracking Pressure (No Spring)
- (-E05) 5 psig Cracking Pressure (1/4"-1" Only)
- (-E10) 10 psig Cracking Pressure (1/4"-1" Only)
- (-57) Oxygen Cleaned
- (-17) Satin Chrome Plate Finish

Note: Not all combinations available. Call customer service for more details.

STANDARD MATERIALS LIST

Part Name	Material
Body	C89836 Lead Free* Bronze
Retainer	C27451 Lead Free* Brass
Spring	AISI 316 Stainless Steel
Ball Cone Check	RPTFE, 15% Glass Filled
Soft Seat	EPDM (standard) Buna-N (optional)
Stem	C27451 Lead Free* Brass

PRECAUTIONARY NOTE:

Not recommended for applications which may induce pulsation or repetitive vibration. See Installation Manual for details.

PERFORMANCE RATING

- Max Pressure: 400 psi / 125 psi Steam
- Max Temp: 350°F (176.6°C)

DIMENSIONS

Model Number	Part Number	Soft Seated		Size (in.)	Dimensions (in.)			Cv	Wt. (lbs.)
		Model Number	Part Number		A	B	C		
CVB14LF	61LF-101-01	CVBE14LF	61LF-501-01	1/4"	2.06	1.12	1.12	.85	.38
CVB38LF	61LF-102-01	CVBE38LF	61LF-502-01	3/8"	2.12	1.12	1.12	1.21	.38
CVB12LF	61LF-103-01	CVBE12LF	61LF-503-01	1/2"	2.31	1.12	1.12	1.40	.38
CVB34LF	61LF-104-01	CVBE34LF	61LF-504-01	3/4"	2.87	2.37	1.50	3.53	.75
CVB1LF	61LF-105-01	CVBE1LF	61LF-505-01	1"	3.50	1.75	1.93	6.00	1.45
CVB114LF	61LF-106-01	CVBE114LF	61LF-506-01	1-1/4"	4.19	2.12	2.37	44	2.75
CVB112LF	61LF-107-01	CVBE112LF	61LF507-01	1-1/2"	4.94	2.50	2.81	65	3.94
CVB2LF	61LF-108-01	CVBE2LF	61LF-508-01	2"	6.00	3.00	3.68	81	6.30
CVB212LF	61LF-109-01	-	-	2-1/2"	7.12	3.87	4.50	175	14.0
CVB3LF	61LF-100-01	-	-	3"	8.13	5.31	4.63	265	16.6

* 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.

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**
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