

'Apollo' Valves

SUBMITTAL SHEET

LEAD FREE

61LF Series

In-Line Check Valve

APOLLOXPRESS®



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



DESCRIPTION

The Lead Free* APOLLOXPRESS® Model CVB-PRLF (61LF Series) BALL-CONE® check valves with Press connections offer reliable protection against reverse flow in potable water applications using proven ASTM quality materials made in the USA. Valves may be installed in both horizontal and vertical flow with upward flow.

FEATURES

- Fast, Reliable, Economical Press Installation
- Ridgid® XL Press Tool Compatible
- Leak Before Press® Technology
- 1/2 psi spring cracking pressure
- Tight Shut-off With Liquid Media
- Straight-through Flow Design Efficiency
- RPTFE Ball-Cone® for Chemical Resistance
- Made in USA, ARRA Compliant

PERFORMANCE RATING†

- Maximum Pressure: 250 psi (17.2 bar) non-shock
- Temperature Range: 0°F - 250°F (-18°C - 121°C)

†APOLLOXPRESS® connectors are designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition. Press connectors are not suitable for steam or flammable gas service.

STANDARD MATERIALS LIST

Part Name	Material
Body	ASTM B584 C89836 Lead Free* Bronze
Retainer	UNS C27450 Lead Free* Brass
Connector Housing	UNSC27450 Lead Free* Brass
Connector O-Ring	NSF grade EPDM
Spring	AISI 316 Stainless Steel
Ball Cone Check	RPTFE, 15% Glass Filled
Stem	UNS C27450 Lead Free* Brass

APPROVALS

- NSF/ANSI 61-G
- NSF/ANSI 372 Lead Free*
- Canadian Registration Number 0C11218.5C

OPTIONS

- Soft Seat (61LF-500 Series)
- 0 psig Cracking Pressure (No Spring)
- 5 psig Cracking Pressure
- 10 psig Cracking Pressure
- Consult factory for availability of LF Model options
- (61-PR) APOLLOXPRESS®

DIMENSIONS

Model Number	LF Part Number	Size (in.)	Length	Cv	Wt. (lbs.)
CVB12PRLF	61LF-103-01PR	1/2"	4.2"	1.4	.42
CVB34PRLF	61LF-104-01PR	3/4"	5.0"	3.5	1.0
CVB1PRLF	61LF-105-01PR	1"	5.8"	6.0	1.9
CVB114PRLF	61LF-106-01PR	1-1/4"	6.7"	44	3.35
CVB112PRLF	61LF-107-01PR	1-1/2"	8.2"	65	4.6
CVB2PRLF	61LF-108-01PR	2"	9.7"	81	7.3

For liquids the flow coefficient - Cv - expresses the flow capacity in gallons per minute (GPM) of 60°F water with a pressure drop of 1 psi (lb/in²).

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

* 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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