

61LF Series

Model CVB-PLF - In-Line Check Valve

LEAD FREE



"Apollo" PUSH



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

DESCRIPTION

The lead free* APOLLOPUSH™ 61LF Series Ball-Cone® Check Valves with Quick Push Connection offer reliable protection against reverse flow in a variety of fluids including potable water, using proven ASTM quality materials made in the USA. Valves may be installed in both horizontal and vertical flow with upward flow, but not for use in reciprocating air compressor service. They are designed for easy connection to copper, CPVC, PEX or PE-RT tubing.

FEATURES

- Quick Push End Connection "Push to Connect" Installation
- APOLLOPUSH™ incorporates proven TECTITE™ technology
- Direct Connectors are Permanently Installed
- Pushed Connections are Removable Using Optional Demounting Tool
- 1/2 psi Spring Cracking Pressure
- Dezincification Resistant Lead Free* Materials
- Tight Shut-Off With Liquid Media
- Straight-Through Flow Design Efficiency
- **100% Cast, Machined and Assembled in the USA**
- **ARRA Compliant**

PERFORMANCE RATING

- Maximum Pressure: 200 psi (17.2 bar)
- Maximum Temperature: 250°F (121°C)

APPROVALS

- Canadian registration number OC11218.5C
- ASSE 1061 - Push Fitting Performance Requirements
- IAPMO IGC 188 (UPC) Approved for CU/CPVC/PEX/PE-RT
- NSF/ANSI 61 Water Quality
- NSF/ANSI 372 Lead Free

STANDARD MATERIALS LIST

| | |
|---------------------------|-----------------------------------|
| BODY | ASTM B584 C89836 Lead Free Bronze |
| RETAINER | C27451 Lead Free Brass |
| CONNECTOR HOUSING | C27451 Lead Free Brass |
| CONNECTOR SLEEVE | Acetal copolymer |
| CONNECTOR RETAINER | 316 Stainless Steel |
| CONNECTOR O-RING | NSF grade EPDM |
| SPRING | AISI 316 Stainless Steel |
| BALL CONE CHECK | RPTFE, 15% Glass Filled |
| STEM | C27451 Lead Free Brass |

DIMENSIONS

| APOLLO PART NUMBER | APOLLO MODEL NUMBER | EPC PART NUMBER | EPC MODEL NUMBER | SIZE | LENGTH | CV | WT. (LB.) |
|--------------------|---------------------|-----------------|------------------|------|--------|-----|-----------|
| 61LF-103-01P | CVB-12PLF | 10177534 | 250BC | 1/2" | 4.50 | 1.4 | .42 |
| 61LF-104-01P | CVB-34PLF | 10177535 | 250BC | 3/4" | 5.24 | 3.5 | 1.0 |
| 61LF-105-01P | CVB-1PLF | 10177537 | 250BC | 1" | 6.31 | 6.0 | 1.9 |

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).

OPTIONAL DEMOUNT TOOLS

| SIZE | APOLLO PART NUMBER | EPC PART NUMBER |
|------|--------------------|-----------------|
| 1/2" | D514500 | 10165630 |
| 3/4" | D514800 | 10165625 |
| 1" | D515100 | 10165627 |



*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.