

61LF Series

Model CVB-PLF - In-Line Check Valve

LEAD FREE

SUBMITTAL SHEET

"Apollo" Flow Controls



"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

- Working pressure (non-shock):
- Maximum pressure: 200 psi (17.2 bar)
- Maximum temperature: 250°F (121°C)

APPROVALS

- Canadian registration number 0C11218.5C
- ASSE 1061 - push fitting performance requirements
- IAPMO IGC 188 (UPC) Approved for CU/CPVC/PEX/PE-RT
- NSF/ANSI 61-8 Water Quality
- NSF/ANSI 61-8 372 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 III-380. ANSI 3rd party approved and listed.