"Apollo" Valves SUBMITTAL SHEET

61-PR Series

In-Line Check Valve

"Apollo" PRESS

5 YEAR WARRANTY MADE IN USA

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

DESCRIPTION

The APOLLOPRESS® 61 Series Ball-Cone® Check Valves with Press connections offer reliable protection against reverse flow in a variety of liquid applications including hot and chilled water / HVAC applications using proven ASTM quality materials. 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 is standard
- 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:
  300 psi (17.2 bar) non-shock
- Temperature Range:
  0°F - 250°F (-18°C - 121°C)

†APOLLOPRESS® 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.

APPROVALS

- Canadian Registration Number 0C11218.5C

Not intended for potable water

OPTIONS

- Soft Seat (61-500 Series)
- 0 psig Cracking Pressure (No Spring)
- 5 psig Cracking Pressure
- 10 psig Cracking Pressure
- Lead Free 0.25% Lead Max.
- (61LF-PR Series) Lead Free APOLLOPRESS®

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

STANDARD MATERIALS LIST

BODY	ASTM B584 Bronze C84400
RETAINER	ASTM B16 Brass
SPRING	AISI 316 Stainless Steel
CONNECTOR HOUSING	ASTM B16 Brass
CONNECTOR RETAINER	316 Stainless Steel
BALL CONE CHECK	RPTFE, 15% Glass Filled
STEM	ASTM B16 Brass

DIMENSIONS

PART NUMBER	SIZE (IN.)	LENGTH (IN.)	CV	WT. (LB.)
61-103-01PR	1/2	4.2	1.4	.42
61-104-01PR	3/4	5.0	3.5	1.0
61-105-01PR	1	5.8	6.0	1.9
61-106-01PR	1-1/4	6.7	44	3.35
61-107-01PR	1-1/2	8.2	65	4.6
61-108-01PR	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/in^2).

(704) 841-6000
apollovalves.com

aalberts integrated piping systems