

'Apollo' Valves

SUBMITTAL SHEET

LEAD FREE

77VLF Series

APOLLOXPRESS® Press End Forged Ball Valve
(Large Diameter)



APOLLOXPRESS®



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



DESCRIPTION

The APOLLOXPRESS® 77VLF Series Lead Free* Ball valve is ideal for installation in most plumbing and heating systems including potable water. Features Leak Before Press® technology and 250 psig maximum working pressure. Proudly made in the USA.

FEATURES

- Lead Free*, ANSI 3rd Party Certified and Listed
- 2 piece, heavy pattern forged design
- Full-Port Flow
- Adjustable Stem Packing
- Fast, Reliable, Economical Press Installation
- Ridgid® XLC Press Tool Compatible
- Leak Before Press® Technology
- Blow-Out Proof Stem
- Dezincification Resistant Materials
- Silicone Free Assembly
- 100% Factory Tested
- 316 SS Ball and Stem Option (77VLF-140) for sizes 2-1/2" & 3", standard for 4"
- Made in USA, ARRA Compliant

APPROVALS

- MSS SP-110 Ball Valves
- NSF/ANSI 61-G
- NSF/ANSI 372 Lead Free
- Directive 2011/65/CE (RoHS)
- IAPMO IGC-157 Ball Valves (2-1/2"-4")

APPROVED APPLICATIONS

- Water - chilled, hot and potable: 33° - 250°F
- Hydronic Heating (90% glycol max)
- Low Pressure Steam, 15 psi max
- Not suitable for flammable gas service
- Designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition.
- Not compatible with soft annealed copper tubing.

STANDARD MATERIALS LIST

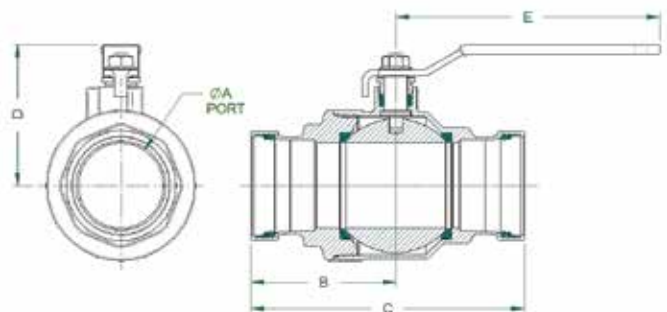
Part Name	Material
Body	Lead Free Brass, C27451
Seat	RPTFE
Ball	Lead Free Brass, C27451, Chr. Plated (2-1/2" & 3") 316 SS (4")
Stem Packing	RPTFE
Nut	Corrosion Resistant Plated Steel
Stem	Lead Free Brass, C27451 (2-1/2" & 3") 316 SS (4")
Retainer	Lead Free Brass, C27451
Handle	Plated Steel / Insulated Polyvinyl
Gland	Brass, ASTM B16, C36000
O-Ring Seals	EPDM
Crimp Ring	316 SS
Spacer Ring	Nylon

PERFORMANCE RATING

- Maximum Operating Pressure 250 psi
- Temperature Range: 0°F - 250°F

DIMENSIONS

Model Number	Size (in.)	Dimensions (in.)					Wt. (lbs.)
		A	B	C	D	E	
77VLF-109-01	2-1/2"	2.50	4.26	8.04	4.13	7.77	12.0
77VLF-100-01	3"	3.00	5.10	9.45	5.03	9.92	19.5
77VLF-14A-01	4"	4.00	5.20	10.35	5.70	14.78	26.0



* 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.

This specification is provided for reference only. Conbraco Industries Inc. reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold. Please visit our website @ www.apollovalves.com for the most current information.

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**
701 Matthews Mint-Hill Road, Matthews, NC 28105 USA
www.apollovalves.com | (704) 841-6000

