



Lead Free*

77VLF SERIES

APOLLOXPRESS™ PRESS END BRASS BALL VALVE



Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

DESCRIPTION

The APOLLOXPRESS™ 77VLF Series Lead Free* two-piece press ball valve is ideal for installation in most plumbing and heating systems, including potable water. Now with Leak Before Press™ feature and 250 psig maximum working pressure. Proudly Made in the USA.

FEATURES

- Lead Free*, ANSI 3rd Party Certified and Listed
- Full-Port Flow
- Superior RPTFE Seats and Packing
- Adjustable Stem Packing
- Ridgid® XL Press Tool Compatible
- Leak Before Press™ Technology
- Blow-Out Proof Stem
- Dezincification Resistant Copper Alloys
- Silicone Free Assembly
- 100% Factory Tested
- **Made in USA**, ARRA Compliant

PERFORMANCE RATING

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

APPROVALS

- MSS SP-110 Ball Valves
- NSF/ANSI 61 Section 8, Annex G
- NSF/ANSI 372
- IAPMO IGC-157 Ball Valves
- Directive 2002/95/CE (RoHS) Compliant



APPROVED APPLICATIONS

- Water including Potable Water
- 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.

OPTIONS

- ☐ (-01) Standard Lever Handle
- ☐ (-04) 2 1/4" Stem Extension
- ☐ (-07) Tee Handle
- ☐ (-11) Therma-Seal™ Insulating Tee Handle
- ☐ (-27) Locking Handle
- ☐ 77VLF140 Series – SS Ball & Stem



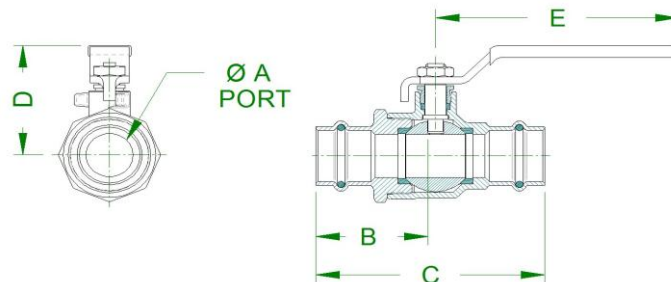
MATERIAL SPECIFICATIONS

Part Name	Material
Body	Lead Free Brass, C27451
Seat	RPTFE
Ball	Lead Free Brass, C27451, Chrome Plated
Stem Packing	RPTFE
Nut	Corrosion Resistant Plated Steel
Stem	Lead Free Brass, C27451
Retainer	Lead Free Brass, C27451
Handle	Plated Steel / Insulated Polyvinyl
Gland	Brass, ASTM B16, C36000
O-Ring Seals	EPDM

DIMENSIONS (in)

Part No.	Size	A	B	C	D	E	Wt. (lbs.)
77VLF10301	1/2"	0.50	1.57	2.89	1.66	2.85	0.4
77VLF10401	3/4"	0.75	1.90	3.63	1.91	3.86	0.9
77VLF10501	1"	1.00	2.20	3.88	2.11	3.86	1.2
77VLF10601	1-1/4"	1.25	2.23	4.22	2.44	4.75	2.3
77VLF10701	1-1/2"	1.50	2.84	5.45	2.91	5.42	3.4
77VLF10801	2"	2.00	3.40	6.57	3.69	7.77	6.0

* **LEAD FREE:** The wetted surfaces of this product shall contain no



more than 0.25% lead by weighted average. Complies with CA AB1953, VT Act 193, MD HB372, LA HB471 and Federal Public Law 111-380.



Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28106 USA; www.apollovalves.com ; 704-841-6000

This specification is provided for reference only. Conbraco 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.