



# LEAD FREE\* 77WLF SERIES APOLLO-PRESS® Ball Valve

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

## DESCRIPTION

The Apollo-Press™ Press x Press ball valves are designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition for sizes 1/2"-2". The **Lead Free\*** 77W-LF can be installed in most plumbing and heating systems, including potable water.

## FEATURES

- **Lead Free\*** Brass & Bronze Materials
- Easily Identifiable Blue "Lead Free" Hang Tag
- Full-Port Flow
- Adjustable Stem Packing
- Fast, Easy, Economical Press Installation
- Blow-Out Proof Stem
- Corrosion Resistant Materials
- 100% Factory Tested
- Ridgid® XL Press Tool Compatible
- Made in USA

## PERFORMANCE RATING

- Maximum Operating Pressure 200 psi
- Design Pressure 600 psi
- Temperature Range 0°F-200°F



## APPROVALS

- MSS SP-110 Ball Valves
- ANSI/NSF 61-8 2007 180°F (Mechanical Devices)
- ANSI 3<sup>rd</sup> Party Approval to AB 1953 0.25% Lead Max.

\* **LEAD FREE:** THE WETTED SURFACES OF THIS PRODUCT SHALL CONTAIN NO MORE THAN 0.25% LEAD BY WEIGHTED AVERAGE. COMPLIES WITH CA AB 1953 AND VT S.152

## MATERIAL SPECIFICATIONS

Part Name	Material
Body	Cast Bronze Lead Free* C89836
Seat	Multi-Fill PTFE
Ball	Lead Free* Brass C27450, Chr. Plated
Stem Packing	Multi-Fill PTFE
Nut	Zinc Plated Steel
Stem	Lead Free* Brass C27450
Retainer	Lead Free* Brass C27450
Handle	Plated Steel / Insulated Polyvinyl
Gland	Brass, ASTM B16, C36000
O-Ring	EPDM

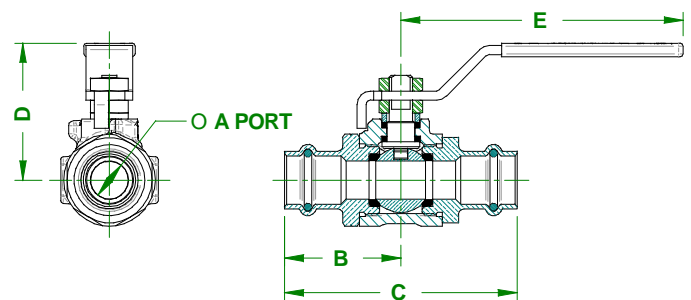
## APPROVED APPLICATIONS

- Potable Water
- Hydronic Heating (50% glycol max)
- AB 1953 and VT S.152 0.25% Lead Max
- Not compatible with soft annealed copper tubing.



## DIMENSIONS (in)

Part No.	Size	A	B	C	D	E	Wt. (lbs.)
77WLF10301	1/2"	0.50	1.54	3.08	1.50	3.74	0.61
77WLF10401	3/4"	0.75	1.78	3.55	2.01	4.78	1.09
77WLF10501	1"	1.00	1.93	3.86	2.20	4.78	1.77
77WLF10601	1-1/4"	1.25	2.44	4.87	3.13	7.04	4.27
77WLF10701	1-1/2"	1.50	2.91	5.81	3.10	7.04	4.63
77WLF10801	2"	2.00	3.74	7.47	3.48	7.04	8.21



## OPTIONS\*\*

- ☐ (-07) Tee-Handle
- ☐ (-10) Stainless Steel Handle and Nut
- ☐ (-11) Therma-Seal™ Insulating Tee Handle
- ☐ (-18) Plain Grip
- ☐ (-92) Balancing Stop
- ☐ (-94) 2 1/4" Stem Extension and Balancing Stop
- ☐ (77WLF-140 SERIES) S.S. Ball and Stem

\*\* Consult factory for availability of LF Model options

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