

77WLF-HCA series

lead free ball valve with press x hose connection



"Apollo" Press



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

DESCRIPTION

The ApolloPress® 77WLF-HCA Press x Hose Ball Valve is ideal for most plumbing and heating systems, including potable water. Valves feature a 3/4" hose connection with heavy brass cap with heavy duty stainless steel chain to protect the threads. Leak Before Press® feature and 300 psig maximum working pressure.

FEATURES

- Press x 3/4" - 11.5 NH
- Full Port
- Adjustable Stem Packing
- Fast, Reliable, Economical Press Installation
- Leak Before Press® Technology
- Dezincification Resistant Bronze Body
- Heavy Brass Cap is Full Pressure Rated
- Stainless Steel Chain
- 100% Factory Tested
- **Made in USA, ARRA Compliant**

PERFORMANCE RATING[†]

- Maximum Operating Pressure: 300 psi
- Maximum Temperature: 250°F

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

- MSS SP-110 Ball Valves
- IAPMO/ANSI Z1157 Ball Valves
- IAPMO PS-117 Press Connections
- NSF/ANSI/CAN 61 Water Quality
- NSF/ANSI/CAN 372 Lead Free
- EU Directive 2015/863 (RoHS 3) Compliant
- EU Regulation (EC) 1907/2006 (REACH) Compliant

APPROVED APPLICATIONS

- Water including Potable Water
- Hydronic Heating (90% glycol max)
- Not compatible with soft annealed copper tubing

OPTIONS

- (-04) 2-1/4" Stem Extension
- (-07) Tee-Handle
- (-10) Stainless Steel Handle and Nut
- (-11) Thermo-Seal™ Insulating Tee Handle
- (-27) Latch-Lock Lever
- (-92) Balancing Stop
- (-94) 2-1/4" Stem Extension and Balancing Stop
- (77W-140-HCA SERIES) 316 SS Vented Ball & Stem
- (77W-HCA SERIES) Standard Bronze Construction
- (77WC-LF) Lead Free ApolloPress® with Copper Press Connections

STANDARD MATERIALS LIST

BODY	ASTM B584 C89836 LF Bronze
RETAINER	C27451 DZR Brass
BALL	C27451 DZR Brass CHR. Plated
STEM	C27451 DZR Brass
GLAND NUT	Brass, ASTM B16, C36000
HOSE RETAINER	C27451 DZR Brass
HOSE CAP	Brass, ASTM B16, C36000
BALL CHAIN	Stainless Steel
SEATS	RPTFE
STEM PACKING	RPTFE
HANDLE	Plated Steel/Insulated Polyvinyl
STEM NUT	Zinc Plated Steel
SEALING ELEMENT	EPDM

DIMENSIONS

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)					WT. (LB.)
		A	B	C	D	E	
77WLF-103-HCA	1/2"	0.50	1.50	3.11	1.71	3.86	0.62
77WLF-104-HCA	3/4"	0.75	1.90	3.70	1.91	3.86	1.20

