

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 designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition for sizes 1/2" - 3/4". Valves feature a 3/4" hose connection with heavy brass cap with heavy duty stainless steel chain to protect the threads. The 77W-HCA is ideal for most plumbing and heating systems. Leak Before Press® feature and 300 psig maximum working pressure.

FEATURES

- Press x 3/4" - 11.5 NH
- Full Port
- Ridgid® "XL" Press Tool Compatible
- 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
- Directive 2011/65/CE (RoHS)
- ANSI/ASME B1.20.7 Hose Thread
- IAPMO/ANSI Z1157
- NSF/ANSI 61/372

APPROVED APPLICATIONS

- Water including Potable Water
- Hydronic Heating (50% 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) Therma-Seal™ Insulating Tee Handle
- (-92) Balancing Stop
- (-94) 2-1/4" Stem Extension and Balancing Stop
- (77W-140-HC SERIES) 316 SS Ball & Stem
- (77W-HC SERIES) Lead Free 0.25% Lead Max
- (77W-HC-PR-LF) Lead Free APOLLOPRESS®
- (-27) Latch-Lock Lever

STANDARD MATERIALS LIST

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

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

