

77W-HCA Series

Ball Valve with Press x Hose Connection



"Apollo" PRESS



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

DESCRIPTION

The APOLLOPRESS® 77W-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. Now with 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 and Stainless Steel Chain is Full Pressure Rated
- 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

APPROVED APPLICATIONS

- Water
- Hydronic Heating (50% glycol max)
- Not compatible with soft annealed copper tubing

Not intended for potable water

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
- (77WLF-140-HC SERIES) Type 316 SS Ball & Stem
- (77WLF-HC SERIES) Lead Free 0.25% Lead Max
- (77W-HC-PR-LF) Lead Free APOLLOPRESS®

STANDARD MATERIALS LIST

BODY	Cast Bronze C83600
SEAT	Teflon™ RPTFE
BALL	ASTM B16 Brass, Plated
STEM PACKING	Teflon™ RPTFE
NUT	Corrosion Resistant Plated Steel
STEM	Brass, ASTM B16, C36000
RETAINER	Brass, ASTM B16, C36000
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	
77W-103-HCA	1/2"	0.50	1.50	3.11	1.71	3.86	0.62
77W-104-HCA	3/4"	0.75	1.90	3.70	1.91	3.86	1.20

