

77W-HC SERIES

Ball Valve w/Press X Hose Connection **APOLLOXPRESS™**

DESCRIPTION:

The APOLLOXPRESS™ 77W-HC 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 thread connection with heavy brass cap to protect the threads. The 77W-HC is ideal for most plumbing and heating systems, including potable water. Now with Leak Before Press® feature and 250 psig maximum working pressure.

FEATURES:

- Full-Port
- Ridgid® "XL" Press Tool Compatible
- Adjustable Stem Packing
- Fast, Reliable, Economical Press Installation
- Leak Before Press® Technology
- Dezincification Resistant Bronze Body
- Heavy duty brass cap is full pressure rated
- 100% Factory Tested
- **Made in USA**, ARRA Compliant

PERFORMANCE RATING:

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

APPROVALS:

- MSS SP-110 Ball Valves
- NSF/ANSI 61-8
- Directive 2002/95/CE (RoHS) Compliant

MATERIAL SPECIFICATIONS:

Part Name	Material
Body	ASTM B584 C89836 Bronze
Seat	Multi-Fill PTFE
Ball	ASTM B16 Brass, plated
Stem Packing	Multi-Fill PTFE
Nut	Corrosion Resistant Plated Steel
Stem	Brass, ASTM B16, UNS# C36000
Retainer	Brass, ASTM B16, UNS# C36000
Cap	Brass, ASTM B16, UNS# C36000
Handle	Plated Steel/Insulated Polyvinyl
Gland	Brass, ASTM B16, UNS# C36000
O-Ring Seals	EPDM

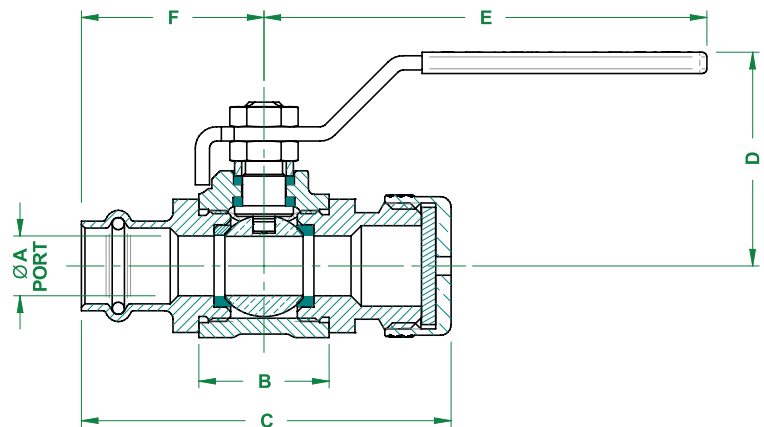
APPROVED APPLICATIONS:

- Water, including Potable Water
- Hydronic Heating (50% glycol max)
- Not suitable for steam or flammable gas service
- Not compatible with soft annealed copper tubing



DIMENSIONS (IN)

Part Number	Size	A	B	C	D	E	F	Wt (lbs.)
77W103HC	1/2"	0.50	1.54	3.12	1.80	3.74	1.54	0.61
77W104HC	3/4"	0.75	1.72	3.45	2.01	4.78	1.78	1.16



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) S.S. Ball and Stem
- (77WLF-HC SERIES) Lead Free 0.25% Lead Max



For additional information, submittal sheets and manuals, visit www.apollovalves.com

