

77W-HCA Series

ball valve with press x hose connection



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, including potable water. 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) 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	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	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

