



"Apollo" PRESS



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

**DESCRIPTION**

The APOLLOPRESS® 77W-A Series ball valve is ideal for installation in heating, cooling and non-potable plumbing systems. Now with Leak Before Press® feature and 300 psig maximum working pressure.

**FEATURES**

- Heavy Pattern Cast DZR Bronze Body
- Full-Port Flow
- Adjustable Stem Packing
- Fast, Reliable, Economical Press Installation
- Ridgid® XL Press Tool Compatible
- Leak Before Press® Technology
- Blowout-Proof Stem
- Corrosion Resistant Materials
- 100% Factory Tested
- Silicone Free Assembly
- **Made in USA, ARRA Compliant**

**PERFORMANCE RATING<sup>+</sup>**

- Maximum Operating Pressure: 300 psi
- Temperature Range: 0°F - 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

**APPROVED APPLICATIONS**

- Water, Chilled and Hot: 33° - 250°F
  - Hydronic Heating (90% glycol max)
  - Low Pressure Steam, 15 psi max
  - Not Suitable for Flammable Gas Service
  - Not Compatible with Soft Annealed Copper Tubing
- Not intended for potable water in USA**

**OPTIONS**

- (-04) 2-1/4" Stem Extension
- (-07) Tee-Handle
- (-10) Stainless Steel Handle and Nut
- (-11) Therma-Seal™ Insulating Tee Handle
- **(-27) 304SS Locking Handle NEW!**
- (-50) 2-1/4" Locking Extension
- (-92) Standard Lever with Balancing Stop
- (-94) 2-1/4" Stem Extension and Balancing Stop
- (-HC) Press x 3/4" Hose w/ Cap & Chain (1/2" & 3/4")
- (77W-140 Series) 316 SS Ball & Stem
- (77WLF Series) Lead Free (0.25% Lead Max)

**STANDARD MATERIALS LIST**

<b>BODY</b>	Cast Bronze C83600
<b>SEAT</b>	RPTFE
<b>BALL</b>	ASTM B16 Brass, Plated or B283, C37700
<b>STEM PACKING</b>	RPTFE
<b>NUT</b>	Corrosion Resistant Plated Steel
<b>STEM</b>	Brass, ASTM B16, UNS# C36000
<b>RETAINER</b>	Brass, ASTM B16, UNS# C36000
<b>HANDLE</b>	Plated Steel/Insulated Polyvinyl
<b>GLAND</b>	Brass, ASTM B16, UNS# C36000
<b>O-RING SEALS</b>	EPDM

**DIMENSIONS**

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)					WT. (LB.)
		A	B	C	D	E	
77W-10301-A	1/2"	0.5	1.5	3.01	1.71	3.86	0.62
77W-10401-A	3/4"	0.75	1.9	3.8	1.91	3.86	1.2
77W-10501-A	1"	1	2.25	4.50	2.13	4.76	2.04
77W-10601-A	1-1/4"	1.25	2.4	4.8	2.46	4.76	2.83
77W-10701-A	1-1/2"	1.5	2.86	5.72	2.9	5.41	4.54
77W-10801-A	2"	2	3.4	6.8	3.68	7.76	7.54

