



# 77W SERIES

## APOLLO-PRESS® Ball Valve

<b>Job Name:</b>	<b>Contractor:</b>
<b>Job Location:</b>	<b>P.O. Number:</b>
<b>Engineer:</b>	<b>Representative:</b>
<b>Tag:</b>	<b>Wholesale Distributor:</b>

### DESCRIPTION

The Apollo-Press™ ball valves are designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition for sizes ½"-2". The 77W is ideal for installation in plumbing and heating systems, including potable water.

### FEATURES

- Full-Port
- Adjustable Stem Packing
- Fast, Easy, Economical Installation
- Blow-Out Proof Stem
- Corrosion Resistant Materials
- 100% Factory Tested
- Made in the USA
- Ridgid® XL Press Tool Compatible

### PERFORMANCE RATING

- Maximum Operating Pressure 200 psi
- Design Pressure 600 psi
- Temperature Range 0°F-200°F

### APPROVALS

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

### MATERIAL SPECIFICATIONS

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

### DIMENSIONS (in)

Part No.	Size	A	B	C	Wt. (lbs.)
77W-103-01	1/2"	1.805	5.282	1.536	0.6
77W-104-01	3/4"	2.012	6.555	1.716	1.1
77W-105-01	1"	2.204	6.710	1.990	1.8
77W-106-01	1 1/4"	3.130	9.475	2.810	4.3
77W-107-01	1 1/2"	3.095	9.817	3.345	4.6
77W-108-01	2"	3.475	10.510	4.135	8.2

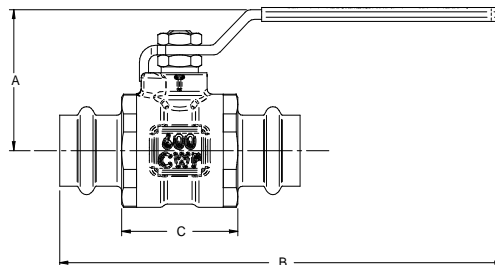


### OPTIONS

- ☐ (-04) 2 ¼" Stem Extension
- ☐ (-07) Tee-Handle
- ☐ (-10) Stainless Steel Handle and Nut
- ☐ (-11) Therma-Seal™ Insulating Tee Handle
- ☐ (-18) Plain Yellow Grip
- ☐ (-92) Balancing Stop
- ☐ (-94) 2 ¼" Stem Extension and Balancing Stop
- ☐ (77W-140 SERIES) S.S. Ball and Stem

### APPROVED APPLICATIONS

- Potable Water, NSF 61-8
- Hydronic Heating (50% glycol max)
- Not compatible with soft annealed copper tubing.



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