

# 77F-200 Series

Full Port Solder End Brass Ball Valve



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

## DESCRIPTION

The Apollo 77F-200 Series is a full port forged brass ball valve suitable for a wide range of plumbing and heating applications. This valve is designed to be soft soldered into lines without disassembly. Proudly Made in the USA.

## FEATURES

- Heavy Pattern Forged Design
- Full-Port Flow
- Superior RPTFE Seats and Packing
- Adjustable Stem Packing
- Blowout-Proof Stem
- 2-1/2" - 4" Sizes Now Feature 316SS Ball and Stem (Standard)
- Corrosion Resistant Materials
- 100% Factory Tested
- Silicone Free Assembly
- **Made in USA, ARRA Compliant**

## PERFORMANCE RATING

- Rating: 600 CWP (1/4" - 2")
- Rating: 400 CWP (2-1/2" - 4")
- Temperature Range: 0°F - 350°F
- Vacuum Service to 29 in. Hg

## APPROVALS

- MSS SP-110 Ball Valves
- IAPMO/ANSI Z1157-2014e1
- FM 1140 Fire Protection Trim & Drain (1/2"-2")

## OPTIONS

- (-01) Standard Lever
- (-04) 2-1/4" Stem Extension 1/2" - 2-1/2"
- (-07) Tee Handle 1/2" - 2"
- (-10) Stainless Steel Lever & Nut 1/2" - 2"
- (-11) Thermo-Seal™ Insulating Tee Handle 1/2" - 2"
- (-27) Locking Handle SS 1/2" - 2-1/2"
- (77F-240 Series) SS Ball & Stem
- (77FLF Series) Lead Free (0.25% Lead Max)
- (77F140/240 Series) - 316 SS Vented Ball and Stem

**Not intended for potable water in USA**

## STANDARD MATERIALS LIST

<b>BODY</b>	Brass, ASTM B283 alloy C37700
<b>SEAT</b>	RPTFE
<b>BALL</b>	Brass, ASTM B16, C36000 or B283, C37700 Chrome Plated 316 SS (2-1/2" - 4")
<b>STEM PACKING</b>	RPTFE
<b>NUT</b>	Corrosion Resistant Plated Steel
<b>STEM</b>	Brass, ASTM B16, C36000 316 SS (2-1/2" - 4")
<b>RETAINER</b>	Brass, ASTM B283 alloy C37700 or B16, C36000
<b>HANDLE</b>	Plated Steel / Insulated Polyvinyl
<b>GLAND</b>	Brass, ASTM B16, C36000

## DIMENSIONS

MODEL NUMBER	SIZE (IN.)	DIMENSIONS (IN.)						WT. (LB.)
		A	B	C	D	E	F	
77F-203-01	1/2"	0.50	1.37	2.37	1.66	2.85	0.50	0.4
77F-204-01	3/4"	0.75	1.72	3.13	1.91	3.86	0.75	0.9
77F-205-01	1"	1.00	2.01	3.73	2.11	3.86	0.91	1.3
77F-206-01	1-1/4"	1.25	2.07	3.97	2.44	4.75	0.97	2.0
77F-207-01	1-1/2"	1.50	2.42	4.69	2.91	5.42	1.09	3.3
77F-208-01	2"	2.00	2.91	5.82	3.69	7.77	1.34	5.6
77F-249-01	2-1/2"	2.50	3.68	7.05	4.14	7.77	1.48	11.6
77F-240-01	3"	3.00	4.26	8.15	5.03	9.92	1.67	19.3
77F-24A-01	4"	4.00	4.82	9.57	5.70	14.78	2.16	25.6

