

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

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

