

# COMMERCIAL PRODUCTS CATALOG

## Forged Brass Economy Ball Valves

### 77F/77FLF SERIES



### FULL PORT THREADED BRASS BALL VALVES

The Apollo 77F Series is a full port forged brass ball valve suitable for a wide range of plumbing and heating applications. These NPT threaded or solder, 2-piece valves combine reliable operation with maximum economy. Valves include most pertinent agency approvals. Proudly Made in the USA.

#### FEATURES

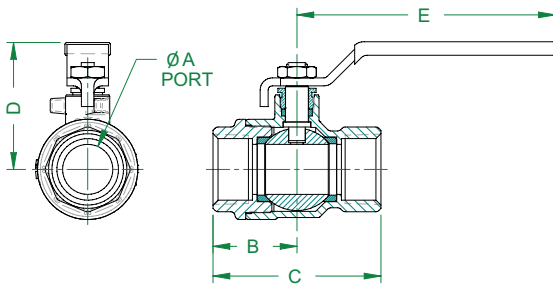
- Heavy Pattern Forged Design
- Full-Port Flow
- Superior RPTFE Seats and Packing
- Adjustable Stem Packing
- Blow-Out Proof Stem
- Corrosion Resistant Materials
- 100% Factory Tested
- Silicone Free Assembly
- **Made in USA**, ARRA Compliant
- Rating: 600 CWP (1/4" - 2")
- Rating: 400 CWP (2-1/2" - 4")
- Steam Rating: 150 psi SWP
- Vacuum Service to 29 in. Hg

#### 77FLF FEATURES

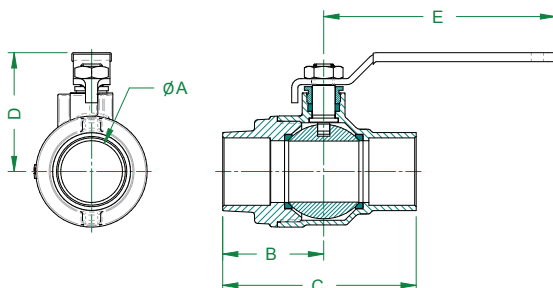
- Easily Identifiable White Handle Grip and Blue "Lead Free" Hang Tag
- Lead Free Dezincification Resistant Brass
- NSF/ANSI 61-G
- NSF/ASNI 372 Lead Free
- Rating: 600 CWP (1/4" - 2")
- Rating: 400 CWP (2-1/2" - 4")
- Steam Rating: 150 psi SWP
- Vacuum Service to 29 in. Hg



Large Diameter



Large Diameter



Model Number	LF Model Number	Size (in.)	Dimensions (in.)					Wt.
			A	B	C	D	E	
<b>NPT</b>								
77F-101-01	77FLF-101-01	1/4"	0.38	0.81	1.62	1.61	2.85	0.3
77F-102-01	77FLF-102-01	3/8"	0.38	0.85	1.70	1.61	2.85	0.3
77F-103-01	77FLF-103-01	1/2"	0.50	1.14	2.25	1.66	2.85	0.5
77F-104-01	77FLF-104-01	3/4"	0.75	1.26	2.51	1.91	3.86	0.8
77F-105-01	77FLF-105-01	1"	1.00	1.60	3.20	2.11	3.86	1.3
77F-106-01	77FLF-106-01	1-1/4"	1.25	1.73	3.46	2.44	4.75	2.1
77F-107-01	77FLF-107-01	1-1/2"	1.50	2.00	4.00	2.91	5.42	3.2
77F-108-01	77FLF-108-01	2"	2.00	2.37	4.47	3.69	7.77	5.6
77F-109-01	77FLF-109-01	2-1/2"	2.50	2.99	5.98	4.14	7.77	12.8
77F-100-01	77FLF-100-01	3"	3.00	3.52	7.05	5.03	9.92	19.7
77F-10A-01	77FLF-14A-01	4"	4.00	3.83	7.65	5.70	14.78	25.5

Model Number	LF Model Number	Size (in.)	Dimensions (in.)					Wt.
			A	B	C	D	E	
<b>Solder</b>								
77F-203-01	77FLF-203-01	1/2"	0.50	1.37	2.37	1.66	2.85	0.4
77F-204-01	77FLF-204-01	3/4"	0.75	1.72	3.13	1.91	3.86	0.9
77F-205-01	77FLF-205-01	1"	1.00	2.01	3.73	2.11	3.86	1.3
77F-206-01	77FLF-206-01	1-1/4"	1.25	2.07	3.97	2.44	4.75	2.0
77F-207-01	77FLF-207-01	1-1/2"	1.50	2.42	4.69	2.91	5.42	3.3
77F-208-01	77FLF-208-01	2"	2.00	2.91	5.82	3.69	7.77	5.6
77F-209-01	77FLF-209-01	2-1/2"	2.50	3.68	7.05	4.14	7.77	11.6
77F-200-01	77FLF-200-01	3"	3.00	4.26	8.15	5.03	9.92	19.3
77F-20A-01	77FLF-24A-01	4"	4.00	4.82	9.57	5.70	14.78	25.6

#### APPROVALS

- MSS-SP-110
- IAPMO IGC-157 Ball Valves
- CGA 3.16 (125 PSI)
- CGA CR91-002 (5 PSI)
- ANSI Z21.15/CSA 9.1 (1/2 PSI)
- ASME B16.44 (5 PSI)
- ASME B16.33 (125 PSI) (1/2" - 2")



- FM 1140 (1/4" - 2")
- UL Guides: YSDT, MHKZ, YQNZ, YRBX & YRPV
- UL Guide VQGU (1/4" - 2")

