

## 120S LF

Class 125, Non Rising Stem, Solder, Globe Valve

## LEAD FREE



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

### DESCRIPTION

The lead free\* Apollo\* Model 120S-LF (33 Series) Globe Valve provides a reliable, long lasting, "Made in the USA" alternative to globally sourced multi-turn valves for potable water service. These valves are cast, machined, assembled, and tested in South Carolina using proven ASTM quality materials

### FEATURES

- Lead Free\* AB1953 Certified
- Optimum Flow Capacity
- Adjustable Graphite Stem Packing
- Dezincification Resistant
- 100% Factory Tested per MSS
- Solder Connection
- Screw-in Bonnet
- Malleable Iron Rugged Hand Wheel
- Back Seat Protection
- **100% Cast, Machined and Assembled in the USA**
- **ARRA Compliant**

### PERFORMANCE RATING

- Cold Working Pressure: 200 psi (13.8 Bar) at 100°F
- Temperature Range: -20°F to 406°F

### APPROVALS

- MSS SP-80 Design & Testing
- MSS SP-139, "Copper Alloy Gate, Globe, & Check Valves"
- ASME B16.18, "Cast Copper Alloy Solder Joint Pressure Fittings"
- CRN OC14667.5
- NSF/ANSI 61 Water Quality
- NSF/ANSI 372 Lead Free

### STANDARD MATERIALS LIST

<b>BODY</b>	ASTM B584 C89836 Bronze
<b>BONNET</b>	ASTM B584 C89836 Bronze
<b>STEM</b>	ASTM B21 UNS C46400
<b>DISC</b>	PTFE
<b>PACKING</b>	Grafoil*
<b>HAND WHEEL</b>	Malleable Iron
<b>NAMEPLATE</b>	Aluminum

### DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV** (GPM)
120S12LF	33LF-143-01	1/2"	3.47	2.97	1.0	4.4
120S34LF	33LF-144-01	3/4"	4.75	3.83	1.9	7.4
120S1LF	33LF-145-01	1"	5.40	4.57	2.8	12.1
120S114LF	33LF-146-01	1-1/4"	7.80	5.95	7.3	29.0
120S112LF	33LF-147-01	1-1/2"	7.80	5.95	6.8	30.0
120S2LF	33LF-148-01	2"	8.43	7.18	10.6	49.0

\*\*Cv = flowrate at 1.0 psid

\*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.