



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

### DESCRIPTION

The Apollo® Model 120S (33 Series) Globe Valve provides a cost effective "Made in the USA" alternative to globally sourced multi-turn valves. These valves are cast, machined, assembled, and tested in South Carolina. The Apollo® Globe valve can reliably be installed in most plumbing and heating systems (or building service piping).

### FEATURES

- Optimum Flow Capacity
- Adjustable Graphite Stem Packing
- Dezincification Resistant
- All Bronze Construction
- 100% Factory Tested
- Solder Connection
- Screw-in Bonnet
- Malleable Iron Rugged Hand Wheel
- Back Seat Protection
- **100% Machined and Assembled in USA**

### PERFORMANCE RATING

- Saturated Steam: 125 psi (8.6 Bar) to 353°F(178°C)
- Cold Working Pressure: 200 psi (13.8 Bar) at 100°F
- Temperature Range: -20°F to 406°F

### APPROVALS

- MSS SP-80, "Bronze Gate, Globe, Angle & Check Valves",
- ASME B16.18, "Cast Copper Alloy Solder Joint Pressure Fittings
- MSS SP-104, "Wrought Copper Solder Joint Pressure Fittings"

### STANDARD MATERIALS LIST

<b>BODY</b>	ASTM B62 Bronze
<b>BONNET</b>	ASTM B62 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)
120S12	33-143-01	1/2"	3.47	2.97	1.0	4.4
120S34	33-144-01	3/4"	4.75	3.83	1.9	7.4
120S1	33-145-01	1"	5.40	4.57	2.8	12.1
120S114	33-146-01	1-1/4"	7.80	5.95	7.3	29.0
120S112	33-147-01	1-1/2"	7.80	5.95	6.8	30.0
120S2	33-148-01	2"	8.43	7.18	10.6	49.0