



# Model 120S

## CLASS 125 GLOBE VALVE

### PTFE SEAT, SOLDER

(33 SERIES)

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

### Description

The Apollo Model 120S 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

- 100% machined and assembled in USA
- 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

### Standards

- 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"

### 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

\* Valves should be in open position to allow complete drainage during freezing conditions.



### Material Specifications

Part Name	Material
Body	ASTM B62 Bronze
Bonnet	ASTM B62 Bronze
Stem	ASTM B371 Bronze
Disc	PTFE
Packing	Grafoil®
Hand Wheel	Malleable Iron
Nameplate	Aluminum

### Order Information

Size	Model	Item Number Solder
<input type="checkbox"/> 1/2"	120S	33-143-01
<input type="checkbox"/> 3/4"	120S	33-144-01
<input type="checkbox"/> 1"	120S	33-145-01
<input type="checkbox"/> 1-1/4"	120S	33-146-01
<input type="checkbox"/> 1-1/2"	120S	33-147-01
<input type="checkbox"/> 2"	120S	33-148-01

### Dimensions

Size	Height (open) In.	Length (in.)	Weight (Lbs)	Cv (gpm)
1/2"	3.47	2.97	1.0	4.4
3/4"	4.75	3.83	1.9	7.4
1"	5.40	4.57	2.8	12.1
1-1/4"	7.80	5.95	7.3	29.0
1-1/2"	7.80	5.95	6.8	30.0
2"	8.43	7.18	10.6	49.0



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