



Model 121T

CLASS 125 GLOBE VALVE

BRONZE SEAT, NPT

(33 SERIES)

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

Description

The Apollo Model 121T 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
- NPT Connection
- Screw-in Bonnet
- Malleable Iron Rugged Hand Wheel
- Back seat protection

Standards

- MSS SP-80, "Bronze Gate, Globe, Angle & Check Valves"
- ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
- 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 (16.8 Bar) at 100°F

Temperature Range: -20°F to 406 °F

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

Order Information

Size	Model	Item Number Thread (NPT)
<input type="checkbox"/> 1/4"	121T	33-161-01
<input type="checkbox"/> 3/8"	121T	33-162-01
<input type="checkbox"/> 1/2"	121T	33-163-01
<input type="checkbox"/> 3/4"	121T	33-164-01
<input type="checkbox"/> 1"	121T	33-165-01
<input type="checkbox"/> 1-1/4"	121T	33-166-01
<input type="checkbox"/> 1-1/2"	121T	33-167-01
<input type="checkbox"/> 2"	121T	33-168-01



Material Specifications

Part Name	Material
Body	ASTM B62 Bronze
Bonnet	ASTM B62 Bronze
Stem	ASTM B371 Bronze
Disc	ASTM B371 / B505
Packing	Grafoil®
Hand Wheel	Malleable Iron
Nameplate	Aluminum

Dimensions

Size	Height (open) In.	Length (in.)	Weight (Lbs)	Cv (gpm)
1/4"	3.46	2.39	1.0	1.4
3/8"	3.46	2.39	1.0	2.6
1/2"	3.56	2.70	1.1	4.4
3/4"	4.75	3.20	1.9	7.4
1"	5.40	3.75	3.0	12.1
1-1/4"	7.78	4.74	7.3	29.0
1-1/2"	7.78	4.74	7.0	30.0
2"	8.43	5.72	11.0	49.0



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