

# 'Apollo' Valves

# SUBMITTAL SHEET

## 121T Series

Class 125, Bronze Seat, NPT **Globe Valve**



<b>Job Name:</b>	
<b>Job Location:</b>	
<b>Engineer:</b>	
<b>Contractor:</b>	
<b>Tag:</b>	
<b>PO Number:</b>	
<b>Representative:</b>	
<b>Wholesale Distributor:</b>	



### DESCRIPTION

The Apollo Model 121T (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

- 100% Cast, Machined and Assembled in the US
- 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 (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.

### STANDARD MATERIALS LIST

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

### ORDER INFORMATION

Model Number	Part Number	Size (in.)
121T14	33-161-01	1/4"
121T38	33-162-01	3/8"
121T12	33-163-01	1/2"
121T34	33-164-01	3/4"
121T1	33-165-01	1"
121T114	33-166-01	1-1/4"
121T112	33-167-01	1-1/2"
121T2	33-168-01	2"

### DIMENSIONS

Height open (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
3.46	2.39	1.0	1.4
3.46	2.39	1.0	2.6
3.56	2.70	1.1	4.4
4.75	3.20	1.9	7.4
5.40	3.75	3.0	12.1
7.78	4.74	7.3	29.0
7.78	4.74	7.0	30.0
8.43	5.72	11.0	49.0

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**  
 701 Matthews Mint-Hill Road, Matthews, NC 28105 USA  
[www.apollovalves.com](http://www.apollovalves.com) | (704) 841-6000

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