

# "Apollo" Valves

# SUBMITTAL SHEET

## 120T Series

Class 125, PTFE 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 120T (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
- ARRA Compliant
- Optimum Flow Capacity
- Adjustable Graphite Stem Packing
- Dezincification Resistant
- 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 B21 UNS C46400
Disc	PTFE
Packing	Grafoil®
Hand Wheel	Malleable Iron
Nameplate	Aluminum

### ORDER INFORMATION

Model Number	Part Number	Size (in.)
120T38	33-132-01	3/8"
120T12	33-133-01	1/2"
120T34	33-134-01	3/4"
120T1	33-135-01	1"
120T114	33-136-01	1-1/4"
120T112	33-137-01	1-1/2"
120T2	33-138-01	2"

### DIMENSIONS

Height open (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
3.37	2.39	1.0	2.6
3.47	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	10.7	49.0

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**  
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