

"Apollo" Valves

# SUBMITTAL SHEET

## LEAD FREE

### 121T LF 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 Lead Free\* Apollo Model 121T-LF (33LF Series) bronze globe valve provides a reliable, long lasting, "Made in the USA" alternative to globally sourced multi-turn valves for potable water service. These valves are cast, machined, assembled, and tested in South Carolina using proven ASTM quality materials.

### FEATURES

- Lead-Free\* – ANSI 3rd Party Certified
- Ideal for throttling / flow control applications
- Dezincification resistant Bronze Construction
- Adjustable Graphite Stem Packing
- Rising Stem
- NPT Connection
- Screw-in Bonnet
- Rugged Malleable Iron Hand Wheel
- Back seat protection
- 100% Factory tested to MSS Requirements
- **Cast, Machined and Assembled in the USA**
- ARRA Compliant

### STANDARDS

- MSS SP-139, "Copper Alloy Gate, Globe, & Check Valves"
- NSF/ANSI 61-8, Annex G
- NSF 372 Lead Free\* ANSI 3rd Party Certified
- ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
- CSA B51 CRN 0C14667.5

### PERFORMANCE RATING

- CWP: 200 psi (13.8 Bar) at 100°F,
  - SWP: 125 PSI (8.6 Bar) at 353°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 B584 C89836 Bronze
Bonnet	ASTM B584 C89836 Bronze
Stem	ASTM B371 C69400 Bronze
Disc	ASTM B371 / B505
Packing	Grafoil®
Hand Wheel	Malleable Iron
Nameplate	Aluminum

### ORDER INFORMATION

Model Number	Part Number	Size (in.)
121T14LF	33LF-161-01	1/4"
121T38LF	33LF-162-01	3/8"
121T12LF	33LF-163-01	1/2"
121T34LF	33LF-164-01	3/4"
121T1LF	33LF-165-01	1"
121T114LF	33LF-166-01	1-1/4"
121T112LF	33LF-167-01	1-1/2"
121T2LF	33LF-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

\* LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with CA AB1953, VT Act 193, MD HB372, LA HB471 and Federal Public Law 111-380. ANSI 3rd party approved and listed.

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