



LEAD FREE*

Model 121T-LF

CLASS 125 GLOBE VALVE

BRONZE SEAT, NPT

(33LF SERIES)

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

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
 SWP: 125 PSI (8.6 Bar) at 353°F
 Temperature Range: -20°F to 406°F

* **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.

Ordering Information

Size	Model	Item Number
<input type="checkbox"/> 1/4"	121T14LF	33LF161-01
<input type="checkbox"/> 3/8"	121T38LF	33LF162-01
<input type="checkbox"/> 1/2"	121T12LF	33LF163-01
<input type="checkbox"/> 3/4"	121T34LF	33LF164-01
<input type="checkbox"/> 1"	121T1LF	33LF165-01
<input type="checkbox"/> 1-1/4"	121T114LF	33LF166-01
<input type="checkbox"/> 1-1/2"	121T112LF	33LF167-01
<input type="checkbox"/> 2"	121T2LF	33LF168-01



Material Specifications

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

Physical Specifications

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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