

121T LF

Class 125, PTFE Seat, NPT Globe Valve

LEAD FREE

SUBMITTAL SHEET

"Apollo" Flow Controls



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

DESCRIPTION

The lead free* Apollo® Model 121T-LF (33 Series) 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* AB1953 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
- 100% Cast, Machined and Assembled in the USA
- ARRA Compliant

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

APPROVALS

- MSS SP-80 Design & Testing
- MSS SP-139, "Copper Alloy Gate, Globe, & Check Valves"
- NSF/ANSI 61-8, Annex G
- NSF 372 Lead Free
- ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
- CSA B51 CRN OC14667.5

STANDARD MATERIALS LIST

Body	ASTM B584 C89836 Bronze
Bonnet	ASTM B584 C89836 Bronze
Stem	ASTM B21 UNS C46400
Disc	ASTM B371 / B505
Packing	Grafoil®
Hand Wheel	Malleable Iron
Nameplate	Aluminum

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV** (GPM)
121T14LF	33LF-161-01	1/4"	3.46	2.39	1.0	1.4
121T38LF	33LF-162-01	3/8"	3.46	2.39	1.0	2.6
121T12LF	33LF-163-01	1/2"	3.56	2.70	1.1	4.4
121T34LF	33LF-164-01	3/4"	4.75	3.20	1.9	7.4
121T1LF	33LF-165-01	1"	5.40	3.75	3.0	12.1
121T14LF	33LF-166-01	1-1/4"	7.78	4.74	7.3	29.0
121T12LF	33LF-167-01	1-1/2"	7.78	4.74	7.0	30.0
121T2LF	33LF-168-01	2"	8.43	5.72	11.0	49.0

**Cv = flowrate at 1.0 psid

*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law III-380. ANSI 3rd party approved and listed.

Customer Service (704) 841-6000
www.apolloflowcontrols.com

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