



LEAD-FREE*

Model 101T-LF

CLASS 125 GATE VALVE

RISING STEM, NPT
(30LF SERIES)

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

Description

The **"Lead-Free"** Apollo Model 101T-LF (30LF Series) Gate valve provides a "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 Lead Free materials.

Features

- **Lead-Free*** – ANSI 3rd Party Certified
- Full Port design
- Guided Solid Bronze Disc
- Adjustable Graphite Stem Packing
- Rising Stem
- NPT Connection
- Screw-in Bonnet
- Rugged Malleable Iron Hand Wheel
- Back seat protection
- 100% Factory tested
- Cast, Machined and Assembled in the USA
- ARRA Compliant

Standards

MSS SP-139, "Copper Alloy Gate, Globe, & Check Valves"
NSF/ANSI 61-8 2010, Annex F & G
ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
CSA B51 CRN 0C14667.5

Performance Rating

Cold Working Pressure: 200 psi (13.8 Bar) at 100°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" | 101T14LF | 30LF-001-01 |
| <input type="checkbox"/> 3/8" | 101T38LF | 30LF-002-01 |
| <input type="checkbox"/> 1/2" | 101T12LF | 30LF-003-01 |
| <input type="checkbox"/> 3/4" | 101T34LF | 30LF-004-01 |
| <input type="checkbox"/> 1" | 101T1LF | 30LF-005-01 |
| <input type="checkbox"/> 1-1/4" | 101T114LF | 30LF-006-01 |
| <input type="checkbox"/> 1-1/2" | 101T112LF | 30LF-007-01 |
| <input type="checkbox"/> 2" | 101T2LF | 30LF-008-01 |
| <input type="checkbox"/> 2-1/2" | 101T212LF | 30LF-009-01 |
| <input type="checkbox"/> 3" | 101T3LF | 30LF-000-01 |



Material Specifications

| Part Name | Material |
|------------|------------------------------|
| Body | ASTM B584-C89836 Bronze |
| Bonnet | ASTM B584-C89836 Bronze |
| Stem | ASTM B371- C69400 Bronze |
| Disc | ASTM B584-C89836 Bronze |
| Packing | Grafoil |
| Hand Wheel | Malleable Iron, Epoxy Coated |
| Nameplate | Aluminum |

Dimensions

| Pipe Size | Dimensions (in.) | | Weight (lbs) | Cv** (gpm) |
|-----------|------------------|--------------|--------------|------------|
| | Height (open) | Length (NPT) | | |
| 1/4" | 4.57 | 1.76 | .80 | 3.0 |
| 3/8" | 4.51 | 1.76 | .77 | 6.0 |
| 1/2" | 4.85 | 2.03 | 1.0 | 12.5 |
| 3/4" | 5.71 | 2.07 | 1.30 | 24.0 |
| 1" | 6.71 | 2.45 | 2.16 | 72.3 |
| 1-1/4" | 8.1 | 2.63 | 3.2 | 80.0 |
| 1-1/2" | 9.08 | 2.88 | 4.36 | 119.0 |
| 2" | 11.28 | 3.06 | 7.01 | 338.0 |
| 2-1/2" | 14.58 | 4.13 | 13.79 | 395.0 |
| 3" | 19.07 | 4.48 | 17.7 | 435.0 |

**Cv = flowrate at 1.0 psid



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