



# LEAD FREE\*

## Model 102T-LF

### CLASS 125 GATE VALVE

#### NON RISING STEM, NPT

(30LF SERIES)

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

### Description

The **Lead-Free\*** Apollo Model 102T-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 materials.

### Features

- **Lead-Free\*** – ANSI 3<sup>rd</sup> Party Certified
- Full Port design
- Guided Solid Bronze Disc
- Adjustable Graphite Stem Packing
- Non-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 Bronze Gate, Globe, Check Valves”

NSF/ANSI 61-8, Annex G

NSF 372 **Lead Free\*** ANSI 3<sup>rd</sup> 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

\* **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"	102T14-LF	30LF-031-01
<input type="checkbox"/> 3/8"	102T38-LF	30LF-032-01
<input type="checkbox"/> 1/2"	102T12-LF	30LF-033-01
<input type="checkbox"/> 3/4"	102T34-LF	30LF-034-01
<input type="checkbox"/> 1"	102T1-LF	30LF-035-01
<input type="checkbox"/> 1-1/4"	102T114-LF	30LF-036-01
<input type="checkbox"/> 1-1/2"	102T112-LF	30LF-037-01
<input type="checkbox"/> 2"	102T2-LF	30LF-038-01
<input type="checkbox"/> 2-1/2"	102T212-LF	30LF-039-01
<input type="checkbox"/> 3"	102T3-LF	30LF-030-01



### 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®
Packing Nut	ASTM B16 Brass
Hand Wheel	Malleable Iron
Nameplate	Aluminum

### Physical Specifications

Size	Height (open) In.	Length (in.)	Weight (Lbs)	Cv** (gpm)
1/4"	3.29	1.76	.74	3.0
3/8"	3.29	1.76	.71	6.0
1/2"	3.56	2.03	.85	12.5
3/4"	4.05	2.07	1.19	24.0
1"	4.55	2.45	1.98	72.3
1-1/4"	5.14	2.63	2.8	80.0
1-1/2"	6.02	2.88	3.95	119.0
2"	7.09	3.06	5.88	338.0
2-1/2"	9.11	4.13	12.19	395.0
3"	12.61	4.48	16.84	435.0

\*\* Cv = flowrate at 1.0 psid.



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