

"Apollo" Valves

# SUBMITTAL SHEET

## LEAD FREE

### 102T LF Series

Class 125, Non Rising Stem, NPT Gate 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 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 3rd 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 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 B584-C89836 Bronze
Packing	Grafoil®
Packing Nut	ASTM B16 Brass
Hand Wheel	Malleable Iron
Nameplate	Aluminum

### ORDER INFORMATION

Model Number	Part Number	Size (in.)
102T14-LF	30LF-031-01	1/4"
102T38-LF	30LF-032-01	3/8"
102T12-LF	30LF-033-01	1/2"
102T34-LF	30LF-034-01	3/4"
102T1-LF	30LF-035-01	1"
102T114-LF	30LF-036-01	1-1/4"
102T112-LF	30LF-037-01	1-1/2"
102T2-LF	30LF-038-01	2"
102T212-LF	30LF-039-01	2-1/2"
102T3-LF	30LF-030-01	3"

### DIMENSIONS

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

\*\*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 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.**  
701 Matthews Mint-Hill Road, Matthews, NC 28105 USA  
[www.apollovalves.com](http://www.apollovalves.com) | (704) 841-6000

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