

102T LF

Class 125, Non Rising Stem, NPT, Gate 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 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 lead free materials.

FEATURES

- Lead Free* - ANSI 3rd Party Certified
- Full Port Design
- Guided Solid Bronze Disc Wedge
- 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

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
- *Valves should be in open position to allow complete drainage during freezing conditions.

APPROVALS

- MSS SP-80 - Design & Testing - Type I
- 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 OC14667.5
- NSF/ANSI, 61-8 Annex F & G

STANDARD MATERIALS LIST

BODY	Bronze, ASTM B584-C89836
BONNET	Bronze, ASTM B584-C89836
STEM	ASTM B21 UNS C46400
DISC WEDGE	ASTM B584-C89836
PACKING	Grafoil® (Asbestos Free)
PACKING NUT	Brass, ASTM B16
HAND WHEEL	Malleable Iron
NAMEPLATE	Aluminum

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV** (GPM)
102T14-LF	30LF-031-01	1/4"	3.29	1.76	.74	3.0
102T38-LF	30LF-032-01	3/8"	3.29	1.76	.71	6.0
102T12-LF	30LF-033-01	1/2"	3.56	2.03	.85	12.5
102T34-LF	30LF-034-01	3/4"	4.05	2.07	1.19	24.0
102T1-LF	30LF-035-01	1"	4.55	2.45	1.98	72.3
102T114-LF	30LF-036-01	1-1/4"	5.14	2.63	2.8	80.0
102T112-LF	30LF-037-01	1-1/2"	6.02	2.88	3.95	119.0
102T2-LF	30LF-038-01	2"	7.09	3.06	5.88	338.0
102T212-LF	30LF-039-01	2-1/2"	9.11	4.13	12.19	395.0
102T3-LF	30LF-030-01	3"	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 Federal Public Law III-380. ANSI 3rd party approved and listed.

Customer Service (704) 841-6000
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