102S LF
Class 125, Non Rising Stem, Solder, Gate Valve
LEAD FREE

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

DESCRIPTION

The lead free* **Apollo® Model 102S-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
- Solder Connections
- Screw-in Bonnet
- Rugged Malleable Iron Hand Wheel
- Back seat Protection
- **100% Cast, Machined and Assembled in the USA**
- **ARRA Compliant**

PERFORMANCE RATING

- Cold Working Pressure: 200 psi (13.8 Bar) at 100°F
- Temperature Range: -20°F to 406°F

APPROVALS

- MSS SP-80 - Design & Testing Type 1
- MSS SP-139 - Copper Alloy Bronze Gate, Globe, & Check Valves
- ASME B16.18 - Cast Copper Alloy Solder Joint Pressure Fittings
- CSA B51 CRN 0C14667.5
- NSF/ANSI 61 Lead Free
- NSF 372 - Lead Free

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)
HAND WHEEL	Malleable Iron
NAMEPLATE	Aluminum

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV** (GPM)
102S12LF	30LF-043-01	1/2"	3.56	1.88	.85	12.5
102S34LF	30LF-044-01	3/4"	4.05	2.43	1.19	24.0
102S1LF	30LF-045-01	1"	4.55	2.96	1.98	72.3
102S114LF	3LF0-046-01	1-1/4"	5.14	3.14	2.8	80.0
102S112LF	30LF-047-01	1-1/2"	6.02	3.44	3.95	119.0
102S2LF	30LF-048-01	2"	7.09	4.11	5.88	338.0
102S212LF	30LF-049-01	2-1/2"	9.11	4.79	12.19	395.0
102S3LF	30LF-040-01	3"	12.61	5.43	16.84	435.0

**Cv = flowrate at 1.0 psid

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