



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

DESCRIPTION

The **Apollo® Model 102S Gate Valve** provides a cost effective "made in the USA" alternative to globally sourced multi-turn valves. These valves are cast, machined, assembled, and tested in South Carolina. The Apollo® gate valve is ideal for use in a wide variety of plumbing and heating applications including building service piping systems.

FEATURES

- Full Port
- Guided Solid Bronze Disc Wedge
- Adjustable Graphite Stem Packing
- Non-Rising Stem
- Dezincification Resistant
- All Bronze Construction
- 100% Factory tested
- Solder Connection
- Screw-in Bonnet

DIMENSIONS

- Back Seat Protection
- Malleable Iron Rugged Hand Wheel
- 100% Machined and Assembled in USA

PERFORMANCE RATING

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

APPROVALS

- MSS SP-80 Bronze Gate, Globe, Angle Check Valves - Type 1
- ASME B16.18 Cast Copper Alloy Solder Joint Pressure Fittings

STANDARD MATERIALS LIST

BODY	Bronze, ASTM B62		
BONNET	Bronze, ASTM B62		
STEM	ASTM B21 UNS C46400		
DISC WEDGE	Bronze, ASTM B62		
PACKING	Grafoil" (Asbestos Free)		
HAND WHEEL	Malleable Iron		
NAMEPLATE	Aluminum		

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MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
102512	30-043-01	1/2"	3.56	1.88	.85	12.5
102S34	30-044-01	3/4"	4.05	2.43	1.19	24.0
102S1	30-045-01	1"	4.55	2.96	1.98	72.3
1025114	30-046-01	1-1/4"	5.14	3.14	2.8	80.0
102S112	30-047-01	1-1/2"	6.02	3.44	3.95	119.0
102S2	30-048-01	2"	7.09	4.11	5.88	338.0
102S212	30-049-01	2-1/2"	9.11	4.79	12.19	395.0
102S3	30-040-01	3"	12.61	5.43	16.84	435.0

