

200 CWP Gate Valve 102S (30) Series

**Solid Disc, Non Rising Stem,
Solder**

The Apollo Model 102 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 can reliably be installed in most plumbing and heating systems (or building service piping).



FEATURES

- Full Port
- Guided Solid Bronze Disc
- Adjustable Graphite Stem Packing
- Non Rising Stem
- Dezincification Resistant
- All Bronze Construction
- 100% Factory tested
- Solder Connection
- Screw-in Bonnet
- Rugged Malleable Iron Hand Wheel
- 100% machined and assembled in USA
- Back seat protection
- Lead Free¹ option

STANDARDS

MSS SP-80, “Bronze Gate, Globe, Angle & Check Valves”;

ASME B16.18, “Cast Copper Alloy Solder Joint Pressure Fittings

PERFORMANCE RATING

Cold Working Pressure:
200 psi (13.8 Bar) at 100°F

Temperature Range:
-20°F to 406°F

Material Specifications

Part	Name	Material	Part	Name	Material
Body	ASTM B62	Bronze	Packing		Grafoil®
Bonnet	ASTM B62	Bronze	Packing Nut	ASTM B16	Brass
Stem	ASTM B371	Sil-Bronze	Hand Wheel		Malleable Iron
Disc	ASTM B62	Bronze	Nameplate		Aluminum

Material Specifications-LF

Part	Name	Material	Part	Name	Material
Body	ASTM B584-C89836	Bronze	Packing		Grafoil®
Bonnet	ASTM B584-C89836	Bronze	Packing Nut	ASTM B16	Brass
Stem	ASTM B371	Sil-Bronze	Hand Wheel		Malleable Iron
Disc	ASTM B62	Bronze	Nameplate		Aluminum

Dimensions

Size	Height (open)	Length	Weight (Lbs.)
1/2"	3.56	1.88	.85
3/4"	4.05	2.43	1.19
1"	4.55	2.96	1.98
1-1/4"	5.14	3.14	2.8
1-1/2"	6.02	3.44	3.95
2"	7.09	4.11	5.88
2-1/2"	9.11	4.79	12.19
3"	12.61	5.43	16.84

Order Information

Size	Model	Item Number	Model-LF	Item Number-LF Thread (NPT)	Size	Model	Item Number	Model-LF	Item Number-LF Thread (NPT)
1/2"	102S	30-043-01	102S-LF	30LF-043-01	1 1/2"	102S	30-047-01	102S-LF	30LF-047-01
3/4"	102S	30-044-01	102S-LF	30LF-044-01	2"	102S	30-048-01	102S-LF	30LF-048-01
1"	102S	30-045-01	102-LF	30LF-045-01	2 1/2"	102S	30-049-01	102S-LF	30LF-049-01
1 1/4"	102S	30-046-01	102S-LF	30LF-046-01	3"	102S	30-040-01	102S-LF	30LF-040-01