

## Class 150 Gate Valve 107T (30) Series

### Solid Disc, Rising Stem, NPT

The Apollo Model 107 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

- Guided Solid Bronze Discs
- Adjustable Graphite Stem Packing
- Rising Stem
- Dezincification Resistant
- All Bronze Construction
- 100% Factory tested
- NPT Connection
- Union Bonnet
- Rugged Malleable Iron Hand Wheel
- 100% machined and assembled in US

### STANDARDS

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

ASME B1.20.1, “Pipe Threads, General Purpose (Inch)”

### PERFORMANCE RATING

Saturated Steam:  
150 psi (10.3 Bar) to 366°F(185°C)

Cold Working Pressure:  
300psi (20.7 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
Union Nut	ASTM B371/B62	Bronze	Nameplate		Aluminum
Disc	ASTM B62	Bronze			

### Dimensions

Size	Height (open)	Length (NPT)	Weight (Lbs.)
1/4"	4.57	1.76	.90
3/8"	4.51	1.76	.88
1/2"	4.85	2.03	1.07
3/4"	5.71	2.07	1.43
1"	6.71	2.45	2.50
1-1/4"	8.10	2.63	3.69
1-1/2"	9.13	2.88	5.01
2"	11.28	3.06	7.53
2-1/2"	14.58	4.13	15.33
3"	16.90	4.48	19.56

### Order Information

Size	Model	Item Number Thread (NPT)	Size	Model	Item Number Thread (NPT)
1/4"	107T	30-201-01	1 1/4"	107T	30-206-01
3/8"	107T	30-202-01	1-1/2"	107T	30-207-01
1/2"	107T	30-203-01	2"	107T	30-208-01
3/4"	107T	30-204-01	2 1/2"	107T	30-209-01
1"	107T	30-205-01	3"	107T	30-200-01