



Model 107T

CLASS 150 GATE VALVE

RIISING STEM, NPT

(30 SERIES)

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

Description

The Apollo Model 107T 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
- Malleable Iron Rugged Hand Wheel
- 100% machined and assembled in USA

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

Order Information

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



Material Specifications

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

Dimensions

Size	Height (open) In.	Length (in.)	Weight (Lbs)	Cv (gpm)
1/4"	4.57	1.76	.90	3.0
3/8"	4.51	1.76	.87	6.0
1/2"	4.85	2.03	1.07	12.5
3/4"	5.71	2.07	1.43	24.0
1"	6.71	2.45	2.44	72.3
1-1/4"	8.10	2.63	3.70	80.0
1-1/2"	9.13	2.88	4.95	119.0
2"	11.28	3.06	7.53	338.0
2-1/2"	14.58	4.13	15.33	395.0
3"	16.90	4.48	19.56	435.0



Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28105 USA ; www.apollovalves.com ; 704-841-6000

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