



Model 102 T

CLASS 125 GATE VALVE

NON RISING STEM, NPT

(30 SERIES)

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

Description

The Apollo Model 102T 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
- NPT Connection
- Screw-in Bonnet
- Malleable Iron Rugged Hand Wheel
- 100% machined and assembled in USA
- Back seat protection

Standards

- MSS SP-80, "Bronze Gate, Globe, Angle & Check Valves"
- ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"

Performance Rating

Saturated Steam: 125 psi (8.6 Bar) to 353°F(178°C)
 Cold Working Pressure: 200 psi (13.8 Bar) at 100°F
 Temperature Range: -20°F to 406°F

Order Information

Size	Model	Item Number	Thread (NPT)
<input type="checkbox"/> 1/4"	102T	30-031-01	
<input type="checkbox"/> 3/8"	102T	30-032-01	
<input type="checkbox"/> 1/2"	102T	30-033-01	
<input type="checkbox"/> 3/4"	102T	30-034-01	
<input type="checkbox"/> 1"	102T	30-035-01	
<input type="checkbox"/> 1-1/4"	102T	30-036-01	
<input type="checkbox"/> 1-1/2"	102T	30-037-01	
<input type="checkbox"/> 2"	102T	30-038-01	
<input type="checkbox"/> 2-1/2"	102T	30-039-01	
<input type="checkbox"/> 3"	102T	30-030-01	



Material Specifications

Part Name	Material
Body	ASTM B62 Bronze
Bonnet	ASTM B62 Bronze
Stem	ASTM B371 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"	3.29	1.76	.74	3.0
3/8"	3.29	1.76	.71	6.0
1/2"	3.56	2.03	.85	12.5
3/4"	4.05	2.07	1.19	24.0
1"	4.55	2.45	1.98	72.3
1-1/4"	5.14	2.63	2.8	80.0
1-1/2"	6.02	2.88	3.95	119.0
2"	7.09	3.06	5.88	338.0
2-1/2"	9.11	4.13	12.19	395.0
3"	12.61	4.48	16.84	435.0



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

Conbraco Industries can accept no responsibility for possible errors in this document and reserves the right to alter its product design or construction without notice and without incurring any obligation to make such changes on Conbraco products previously or subsequently sold. All product specifications are approximate and are provided for reference only.