

# 'Apollo' Valves

## SUBMITTAL SHEET

### 107T Series

Class 150, Rising Stem, NPT Gate Valve



<b>Job Name:</b>	
<b>Job Location:</b>	
<b>Engineer:</b>	
<b>Contractor:</b>	
<b>Tag:</b>	
<b>PO Number:</b>	
<b>Representative:</b>	
<b>Wholesale Distributor:</b>	



### DESCRIPTION

The Apollo Model 107T (30 Series) 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% Cast, Machined and Assembled in the US**
- ARRA Compliant

### STANDARDS

- MSS SP-80, "Bronze Gate, Globe, Angle & Check Valves"
- ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
- Canadian Registration Number OC14667.5

### PERFORMANCE RATING

- Saturated Steam: 150 psi (10.3 Bar) to 366°F (185°C)
- Cold Working Pressure: 300psi (20.7 Bar)
- Temperature Range\*: -20°F to 406°F

\* Valves should be in open position to allow complete drainage during freezing conditions.

### STANDARD MATERIALS LIST

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

### ORDER INFORMATION

Model Number	Part Number	Size (in.)
107T14	30-201-01	1/4"
107T38	30-202-01	3/8"
107T12	30-203-01	1/2"
107T34	30-204-01	3/4"
107T1	30-205-01	1"
107T114	30-206-01	1-1/4"
107T112	30-207-01	1-1/2"
107T2	30-208-01	2"
107T212	30-209-01	2-1/2"
107T3	30-200-01	3"

### DIMENSIONS

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

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**  
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