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Job Location:	
Engineer:	
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DESCRIPTION

The Apollo® Model 102T (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 is ideal for use in a wide variety of plumbing and heating applications including building service piping systems.

FEATURES

- Full Port
- Guided Solid Bronze Disc
- Adjustable Graphite Stem Packing
- Non-Rising Stem
- Dezincification Resistant
- All Bronze Construction
- 100% Factory Tested Per MSS
- NPT Connection
- Screw-in Bonnet
- Malleable Iron Rugged Hand Wheel
- Back Seat Protection
- **100% Cast, Machined and Assembled in the USA**
- **ARRA Compliant**

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

APPROVALS

- MSS SP-80 - Bronze Gate, Globe, Angle & Check Valves - Type 1
- ASME B1.20.1 - Pipe Threads, General Purpose (Inch)
- CRN OC14667.5

STANDARD MATERIALS LIST

BODY	Bronze, ASTM B62
BONNET	Bronze, ASTM B62
STEM	ASTM B21 UNS C46400
DISC WEDGE	Bronze, ASTM B62
PACKING	Grafoil® (Asbestos Free)
PACKING NUT	Brass, ASTM B16
HAND WHEEL	Malleable Iron
NAMEPLATE	Aluminum

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
102T14	30-031-01	1/4"	3.29	1.76	.74	3.0
102T38	30-032-01	3/8"	3.29	1.76	.71	6.0
102T12	30-033-01	1/2"	3.56	2.03	.85	12.5
102T34	30-034-01	3/4"	4.05	2.07	1.19	24.0
102T1	30-035-01	1"	4.55	2.45	1.98	72.3
102T114	30-036-01	1-1/4"	5.14	2.63	2.8	80.0
102T112	30-037-01	1-1/2"	6.02	2.88	3.95	119.0
102T2	30-038-01	2"	7.09	3.06	5.88	338.0
102T212	30-039-01	2-1/2"	9.11	4.13	12.19	395.0
102T3	30-030-01	3"	12.61	4.48	16.84	435.0