

"Apollo" Valves

SUBMITTAL SHEET

163T Series

Class 125, PTFE Seat, NPT Swing Check



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	
Wholesale Distributor:	



DESCRIPTION

The Apollo Model 163T (61Y Series) Swing Check provides a cost effective "Made in the USA" alternative to globally sourced check valves. These valves are cast, machined, assembled, and tested in South Carolina. The Apollo Swing Check can be installed in either horizontal or vertical line with upward flow.

FEATURES

- Renewable PTFE Seat Disc
- Dezincification Resistant
- 100% Factory tested per MSS
- NPT Connection
- **100% Cast, Machined and Assembled in the US**
- ARRA Compliant

STANDARDS

- MSS SP-80, "Bronze Gate, Globe & Check Valves"
- ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
- Canadian Registration Number 0C14667.5

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.*

PRECAUTIONARY NOTE:

Not recommended for applications which may induce pulsation or repetitive vibration. See Installation Manual for details.

STANDARD MATERIALS LIST

Part Name	Material
Body	ASTM B62 Bronze
Cap	ASTM B62 Bronze
Hanger	304 Stainless Steel or ASTM B62 Bronze
Pin	304 Stainless Steel
Seat	PTFE
Plug	ASTM B16 Brass

ORDER INFORMATION

Model Number	Part Number	Size (in.)
163T14	61Y-201-T1	1/4"
163T38	61Y-202-T1	3/8"
163T12	61Y-203-T1	1/2"
163T34	61Y-204-T1	3/4"
163T1	61Y-205-T1	1"
163T114	61Y-206-T1	1-1/4"
163T112	61Y-207-T1	1-1/2"
163T2	61Y-208-T1	2"

DIMENSIONS

Height (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
1.51	2.14	.64	2.6
1.51	2.14	.62	4.5
1.65	2.48	.73	7.0
1.9	2.94	1.06	12.0
2.26	3.57	1.7	28.6
2.99	4.50	3.3	39.0
2.99	4.50	3.1	56.0
3.74	5.25	5.4	152.0

Warning: Do not use in reciprocating compressor service.

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