

## 163T-PR

200 CWP, Bronze, Swing Check Valve



"Apollo" PRESS



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

### DESCRIPTION

The lead free\* APOLLOPRESS® Model 163T-PRLF (Series 61YLF) Swing Check with press connectors is a proven combination that provides economical installation and reliable service. These valves are cast, machined, assembled, and tested in South Carolina using proven ASTM quality materials.

### FEATURES

- Fast, Reliable, Economical Press Installation
- Ridgid® XL Press Tool Compatible
- Leak Before Press® Technology
- Quick Press End Connection
- Renewable PTFE Seat Disc
- Dezincification Resistant
- **Made in USA, ARRA Compliant**

### APPROVALS

- MSS SP-80 Design and Testing
- CRN OC14667.5

### PERFORMANCE RATING

- Maximum Pressure: 200 psi (13.8 bar) non-shock
- Temperature Range: 0°F - 250°F (-18°C - 121°C)

APOLLOPRESS® connectors are designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition. Press connectors are not suitable for steam or flammable gas service.

**Not intended for potable water**

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

### STANDARD MATERIALS LIST

<b>BODY</b>	ASTM B62 Bronze
<b>CAP</b>	ASTM B62 Bronze
<b>CONNECTOR HOUSING</b>	ASTM B16 Brass
<b>CONNECTOR O-RING</b>	FDA grade EPDM
<b>HANGER</b>	304 Stainless Steel or ASTM B62 Bronze
<b>PIN</b>	Stainless Steel
<b>SEAT</b>	PTFE
<b>PLUG</b>	ASTM B16 Brass

### DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT (IN.)	LENGTH (IN.)	CV (GPM)	WEIGHT (LB.)
163T12-PR	61Y-203-T1PR	1/2"	1.65	4.3	7.0	.78
163T34-PR	61Y-204-T1PR	3/4"	1.9	5.1	12.0	1.8
163T1-PR	61Y-205-T1PR	1"	2.26	5.9	28.6	2.5
163T114-PR	61Y-206-T1PR	1-1/4"	2.99	7.0	39.0	4.4
163T112-PR	61Y-207-T1PR	1-1/2"	2.99	7.75	56.0	4.5
163T2-PR	61Y-208-T1PR	2"	3.74	8.9	152.0	7.0

For liquids the flow coefficient - Cv - expresses the flow capacity in gallons per minute (GPM) of 60°F water with a pressure drop of 1 psi (lb/in<sup>2</sup>).