

## 163T-PRLF

200 CWP, Bronze, Swing Check Valve

### LEAD FREE

### 2.13- SWING CHECK 1/2 TO 2" HYDRONICS



"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 connections is a proven combination that provides economical installation and reliable service for potable water applications. 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
- MSS SP-139 Copper Alloy Gate, Globe, & Check Valves
- NSF/ANSI 61 Water Quality
- NSF/ANSI 372 Lead Free
- 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 recommended for applications which may induce pulsation or repetitive vibration. See Installation Manual for details.**

#### STANDARD MATERIALS LIST

<b>BODY</b>	ASTM B584 C89836 Bronze
<b>CAP</b>	ASTM B584 C89836 Bronze
<b>CONNECTOR HOUSING</b>	UNS C27450 Brass
<b>CONNECTOR O-RING</b>	NSF grade EPDM
<b>HANGER</b>	304 Stainless Steel or ASTM B584 C89836 Bronze
<b>PIN</b>	Stainless Steel
<b>SEAT</b>	PTFE
<b>PLUG</b>	UNS C27450 Brass

#### DIMENSIONS

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

\*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.