

# 'Apollo' Valves

## SUBMITTAL SHEET

### LEAD FREE

### 120T-PRLF

200 CWP PTFE Seat **Globe Valve**

**APOLLOXPRESS®**



<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 Lead Free\* APOLLOXPRESS® Model 120T-PRLF (33LF Series) Globe valve 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

- ANSI 3rd party Certified "Lead-Free\*\*"
- Fast, Reliable, Economical Press Installation
- Ridgid® XL Press Tool Compatible
- Leak Before Press® Technology
- Optimum Flow Capacity
- PTFE Soft Seat
- Adjustable Graphite Stem Packing
- Dezincification Resistant
- 100% Factory tested per MSS standards
- Screw-in Bonnet
- Rugged Malleable Iron Hand Wheel
- Back seat protection
- **Made in U.S.A., ARRA Compliant**

### APPROVALS

- NSF/ANSI 61-G
- NSF/ANSI 372 Lead Free\*
- MSS SP-139, "Copper Alloy Gate, Globe, & Check Valves"
- Canadian Registration Number 0C14667.5

### PERFORMANCE RATING†

- Maximum Pressure: 200 psi (13.8 bar) non-shock
- Temperature Range: 0°F - 250°F (-18°C - 121°C)
- Valves should be in open position to allow complete drainage during freezing conditions.

†APOLLOXPRESS® 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.

### STANDARD MATERIALS LIST

Part Name	Material
Body	ASTM B584 C89836 Bronze
Bonnet	ASTM B584 C89836 Bronze
Stem	ASTM B371 C69400 Bronze
Connector Housing	UNS C27451 Brass C27451
Connector O-Ring	NSF grade EPDM
Disc	PTFE
Packing Nut	ASTM B16 Brass
Packing	Grafoil®
Hand Wheel	Malleable Iron
Nameplate	Aluminum

### ORDER INFORMATION

Model Number	Part Number	Size (in.)
120T12-PRLF	33LF-133-01PR	1/2"
120T34-PRLF	33LF-134-01PR	3/4"
120T1-PRLF	33LF-135-01PR	1"
120T114-PRLF	33LF-136-01PR	1-1/4"
120T112-PRLF	33LF-137-01PR	1-1/2"
120T2-PRLF	33LF-138-01PR	2"

### DIMENSIONS

Height open (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
3.47	2.70	1.1	4.4
4.75	3.20	1.9	7.4
5.40	3.75	3.0	12.1
7.78	4.74	7.3	29.0
7.78	4.74	7.0	30.0
8.43	5.72	10.7	49.0

\*\* Cv = flowrate at 1.0 psid.

\* 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.

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**  
701 Matthews Mint-Hill Road, Matthews, NC 28105 USA  
[www.apollovalves.com](http://www.apollovalves.com) | (704) 841-6000

This specification is provided for reference only. Conbraco Industries Inc. reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold. Please visit our website @ [www.apollovalves.com](http://www.apollovalves.com) for the most current information.

