

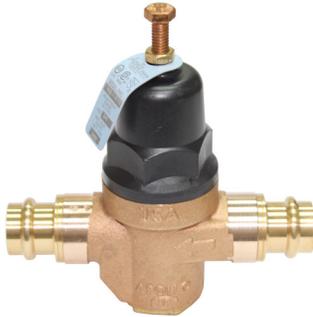
36CLF Series

Water Pressure Reducing Valve

LEAD FREE

SUBMITTAL SHEET

"Apollo" Valves



"Apollo" PRESS



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

DESCRIPTION

The Lead Free* APOLLOPRESS® Model PRC-PRLF (36CLF Series) Pressure Reducing Valves with Press Connections are easily installed to protect residential and commercial potable water distribution systems by automatically controlling excessive pressure. The dielectric thermoplastic cage provides maximum corrosion resistance. Designed for easy in-line servicing with bottom access to seat disc and strainer.

FEATURES

- ANSI 3rd Party Certified Lead Free
- Fast, Reliable, Economical Press Installation
- Ridgid® XL Press Tool Compatible
- Leak Before Press® Technology
- Balanced Piston Design
- SS Adjusting Screw and Sealed Cage Standard
- Built-in Thermal Expansion By-Pass
- Easy Access to Seat Disc and Strainer
- Made in USA, ARRA Compliant

APPROVALS

- ASSE 1003-2009 - Water Pressure Reducing Valves
- CSA B356 - Water Pressure Reducing Valves For Domestic Water Supply Systems
- NSF/ANSI 372 - Lead Free

OPTIONS

- (36C-PR) APOLLOPRESS®

[†]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.

STANDARD MATERIALS LIST

CONNECTOR HOUSING	Lead Free* Brass, UNS 27450
CONNECTOR O-RING	FDA Grade EPDM
BODY	Lead Free* Bronze, UNS 89836
UNION NUT	BRASS, ASTM B16
TAILPIECE	Lead Free* Brass, UNS C27451
SCREEN	Stainless Steel
CAP	Noryl™
DIAPHRAGM	NSF Grade EPDM
SEAT DISC	NSF Grade EPDM
ADJUSTING SCREW/NUT	Stainless Steel
SPRING	Stainless Steel, ASTM A228
O-RINGS	NSF Grade EPDM

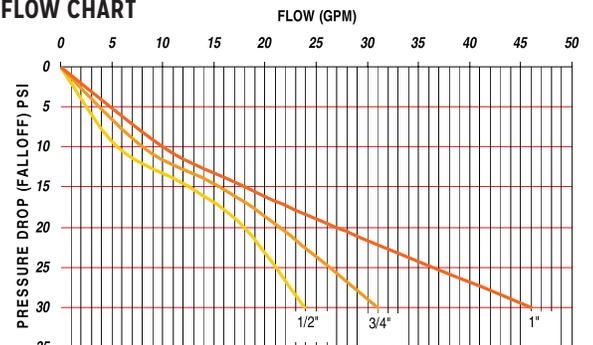
PERFORMANCE RATING[†]

- Maximum Press Fitting Pressure: 250 psi (17.2 bar)
- Maximum Temperature: 180°F (82°C)

DIMENSIONS

Model Number	LF Part Number	Size (in.)	Length	Height from CL	Wt. (lbs.)
PRC12PRLF	36CLF-203-01PR	1/2"	5.35"	4.75"	2.1
PRCD12PRLF	36CLF-403-01PR	1/2"	5.49"	4.75"	2.99
PRC34PRLF	36CLF-204-01PR	3/4"	5.68"	4.75"	2.3
PRCD34PRLF	36CLF-404-01PR	3/4"	5.77"	4.75"	3.04
PRC1PRLF	36CLF-205-01PR	1"	6.25"	4.75"	2.9
PRCD1PRLF	36CLF-405-01PR	1"	5.86"	4.75"	3.46

FLOW CHART



Note: Flow curves are based on static conditions of 100psi inlet pressure and 50 psi outlet pressure. Pressure differential is the difference between the supply pressure and adjusted outlet pressure measured in the static (closed) condition. Pressure fall-off is the decrease in downstream regulated pressure as the flow increases.

PART NUMBER MATRIX

36CLF					
36C	X	X		X	X
SERIES	UNION	SIZE		PRESSURE	CONNECTION
36CLF	2 - No Union	03 - 1/2"	blank - No Gauge Port	01 - 15-75 psig	PR - Press
36C (non potable)	4 - Double Union	04 - 3/4"	P - w/ Gauge Port Plugged	02 - 10-35 psig	
		05 - 1"	G - w/ Pressure Gauge	03 - 75-150 psig	

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

Customer Service (704) 841-6000
www.apollovalves.com

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