

"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 Bypass
- Easy Access to Seat Disc and Strainer
- **Made in USA, ARRA Compliant**

### PERFORMANCE RATING<sup>†</sup>

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

### 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.*

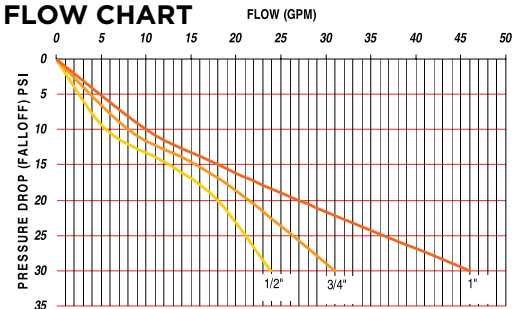
### STANDARD MATERIALS LIST

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

### DIMENSIONS

MODEL NUMBER	LF PART NUMBER	SIZE (IN.)	LENGTH	HEIGHT FROM CL	WT. (LB.)
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



Pressure Differential is the difference between the inlet supply pressure and the adjusted outlet pressure.  
Pressure Falloff is the reduction in downstream pressure from the static (set) pressure as the flow increases through the valve.

### PART NUMBER MATRIX

36CLF 36C	X	XX	X	X	X
SERIES	CONNECTION	SIZE	GAUGE	PRESSURE RANGE	OPTION
36CLF (LEAD FREE)	1 - SINGLE UNION NPT	03 - 1/2"	0 - WITHOUT GAUGE	1 - 25 - 75 PSIG RANGE	C - CPVC TAILPIECE
36C	2 - NO UNION NPT	04 - 3/4"	P - W/ GAUGE PORT PLUGGED	2 - 10 - 35 PSIG RANGE	PR - PRESS
	3 - SINGLE UNION SOLDER X NPT	05 - 1"	G - W/ GAUGE	3 - 75 - 125 PSIG RANGE	
	4 - DOUBLE UNION NPT				
	5 - DOUBLE UNION SOLDER				
	9 - DOUBLE UNION PEX F1807				

\*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.