



"Apollo" PRESS



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

### DESCRIPTION

The lead free\* **APOLLOPRESS® Model PRC-PR (36C 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

- 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
- Bottom 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

### OPTIONS

- (36C-PR-LF) Lead Free 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.*

**Not intended for potable water**

### STANDARD MATERIALS LIST

CONNECTOR HOUSING	Brass, ASTM B16
CONNECTOR O-RING	NSF Grade EPDM
BODY	Bronze, ASTM B584
UNION NUT	Brass, ASTM B16
TAILPIECE	Brass, ASTM B16
SCREEN	Stainless Steel
CAP	Noryl™
DIAPHRAGM	NSF Grade EPDM
SEAT DISC	NSF Grade EPDM
ADJUSTING SCREW/NUT	Stainless Steel
SPRING	Spring Steel, ASTM 228
O-RINGS	NSF Grade EPDM

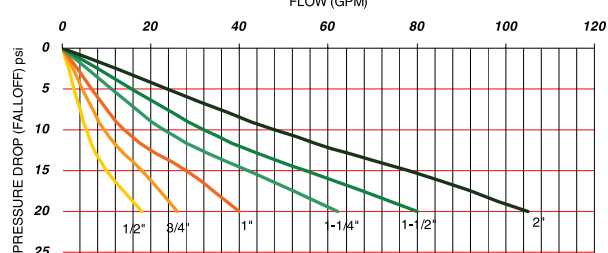
### PERFORMANCE RATING†

- Maximum Press Fitting Pressure: 250 psig non-shock
- Standard Temperature Range: 33°F – 180°F
- Maximum Set Pressure: 125 psig

### DIMENSIONS

MODEL NUMBER	PART NUMBER	SIZE (IN.)	LENGTH	HEIGHT FROM CL	WT. (LB.)
PRC12PR	36C-203-01PR	1/2"	5.35"	4.75"	2.1
PRCD12PR	36C-403-01PR	1/2"		4.75"	2.99
PRC34PR	36C-204-01PR	3/4"	5.68"	4.75"	2.3
PRCD34PR	36C-404-01PR	3/4"		4.75"	3.04
PRC1PR	36C-205-01PR	1"	6.25"	4.75"	2.9
PRCD1PR	36C-405-01PR	1"		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				