

# 36C SERIES

## Pressure Reducing Valve

### DESCRIPTION:

The APOLLOXPRESS™ Model PRC-PR (36C Series) Pressure Reducing Valves with Press connections are easily installed to protect residential and commercial water distribution systems by automatically controlling excessive pressure. The dielectric thermoplastic cage provides maximum corrosion resistance. Designed for easy in-line servicing with bottom cleanout and service access.

### 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

### PERFORMANCE RATING:

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

### APPROVALS:

- ASSE 1003-2009; "Water Pressure Reducing Valves"
- CSA B356 "Water pressure reducing valves for domestic water supply systems"

### MATERIAL SPECIFICATIONS:

Part Name	Material
Body	Bronze, ASTM B584
Tailpiece	Brass, ASTM B16
Screen	Stainless Steel
Cap	Glass Filled Celcon®
Diaphragm	FDA grade EPDM Reinforced
Seat disc	FDA grade EPDM
Stem / Adj Screw	Brass, ASTM B-16 / Stainless
Spring	Music Wire ASTM 228
O-Rings	FDA grade Nitrile
Connector Housing	ASTM B16 Brass
Connector O-Ring	FDA grade EPDM

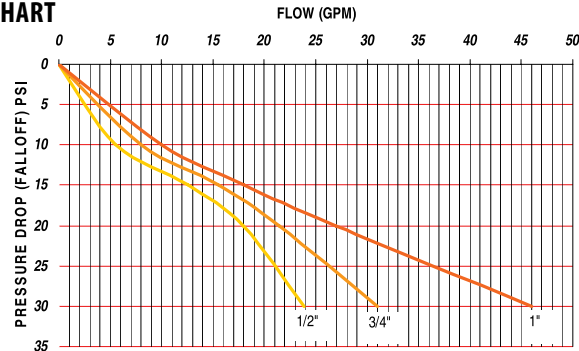
# APOLLOXPRESS™



### DIMENSIONS (IN)

Model Number	Order Number	Size	Length	Height from CL	Wt (lbs)
PRC12PR	36C20301PR	1/2"	5.48"	4.75"	2.1
PRC34PR	36C20401PR	3/4"	5.79"	4.75"	2.3
PRC1PR	36C20501PR	1"	6.16"	4.75"	2.9

### FLOW CHART



### MODEL NUMBERING SYSTEM

PRC	Size	Pressure Gauge	Pressure Range	PR
-----	------	----------------	----------------	----

Example: PRC-12H-PR is model number for 1/2" High Pressure set at 100 psi

### SIZE

- 12 - 1/2"
- 34 - 3/4"
- 1 - 1"

### PRESSURE GAUGE

- Blank – No Gauge Port
- P – W/ Gauge Port Plugged
- G – W/ Pressure Gauge

### PRESSURE RANGE

- Blank – 25–75 PSIG
- L – 10–35 PSIG
- H – 75–125 PSIG



For additional information, submittal sheets and manuals, visit [www.apollovalves.com](http://www.apollovalves.com)

