



Apollo PRESS



Job Name:	
Job Location:	
Engineer:	
Contractor:	
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Wholesale Dist.:	

### DESCRIPTION

The APOLLOPRESS® Model PR-PR (36 Series) Pressure Reducing Valves with Press end connections are designed to protect residential and commercial water distribution systems by controlling excessive pressures. The valves are built for long reliable service with proven ASTM grade materials including a bronze body and cover and integral stainless steel strainer.

### FEATURES

- Fast, Reliable, Economical Press Installation
- Ridgid® XL Press Tool Compatible
- Leak Before Press® Technology
- Corrosion Resistant Bronze Body and Bonnet
- Integral SS Strainer
- Balanced Piston Design
- Internal Thermal Expansion Bypass
- High and Low Pressure Range Options
- Pressure Gauge Connection Option
- **Made in USA, ARRA Compliant**

### PERFORMANCE RATING\*

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

*\*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.*

### OPTIONS

- (36LF-PR) Lead Free APOLLOPRESS®

### STANDARD MATERIALS LIST

<b>BODY</b>	Bronze, ASTM B584
<b>COVERS</b>	Bronze, ASTM B584
<b>DIAPHRAGM</b>	FDA Grade Buna W/ Polyester
<b>SEAT DISC</b>	FDA Grade EPDM
<b>STEM</b>	Brass, ASTM B-16
<b>SPRING</b>	Stainless Steel
<b>PISTON O-RING</b>	FDA approved Nitrile
<b>CONNECTOR HOUSING</b>	ASTM B16 Brass
<b>CONNECTOR O-RING</b>	FDA grade EPDM

### APPROVALS

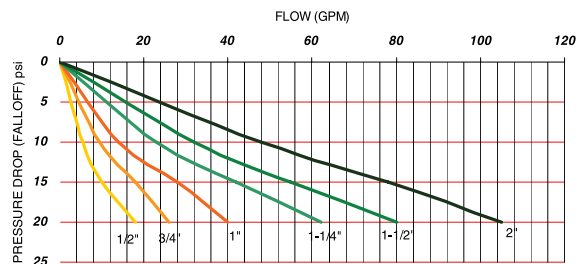
- ASSE 1003-2009 - Water Pressure Reducing Valves
- CSA B356 - Water Pressure Reducing Valves for Domestic Water Supply Systems

**Not intended for potable water**

### DIMENSIONS

MODEL NUMBER	PART NUMBER	SIZE (IN.)	LENGTH	HEIGHT FROM CL	WT. (LB.)
PR12PR	36-203-01PR	1/2"	5.53"	4.75"	3.1
PR34PR	36-204-01PR	3/4"	5.80"	4.75"	3.3
PR1PR	36-205-01PR	1"	6.35"	5.9"	4.1
PR114PR	36-206-01PR	1-1/4"	7.88"	7.49"	9.0
PR112PR	36-207-01PR	1-1/2"	8.62"	7.49"	9.0
PR2PR	36-208-01PR	2"	10.76"	9.76"	21

### FLOW CHART



### PART NUMBER MATRIX

36LF 36	X	X	X	X	X	X
SERIES	CONNECTION	OPTION	SIZE	GAUGE	PRESSURE RANGE	OPTION
36LF (LEAD FREE)	1 - SINGLE UNION NPT	0 - NO OPTION	03 - 1/2"	0 - NO GAUGE	1 - 5-75 PSIG	PR - PRESS
36	2 - NO UNION NPT	C - CPVC TAILPIECE	04 - 3/4"	P - W/ GAUGE PORT	2 - 10-35 PSIG	(APPLIES TO MODELS 36-20X AND 36LF20X ONLY)
	3 - SINGLE UNION SOLDER X NPT	S - SEALED CAGE*	05 - 1"	G - W/ GAUGE	3 - 75-125 PSIG	
	4 - DOUBLE UNION NPT	X - PEX F1807 TAILPIECE	06 - 1-1/4"			
	5 - DOUBLE UNION SOLDER		07 - 1-1/2"			
	6 - SINGLE UNION METER X NPT		08 - 2"			
	8 - DOUBLE UNION CPVC					
	9 - DOUBLE UNION PEX F1807					

\*S option = Sealed cage with stainless steel adjusting screw for vault installation.