"Apollo"® Valves
SUBMITTAL SHEET

36LF-PR Series

Water Pressure Reducing Valve

LEAD FREE



"Apollo" PRESS

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

DESCRIPTION

The lead free* **APOLLOPRESS® Model PR-PRLF (36LF Series) Pressure Reducing Valves** with Press connections are designed to protect residential and commercial potable water distribution systems by controlling excessive pressures. The valves are built for long reliable service with proven ASTM grade lead free* materials.

FEATURES

- ANSI 3rd Party Certified Lead Free
- Fast, Reliable, Economical Press Installation
- Ridgid® XL Press Tool Compatible
- Leak Before Press® Technology
- Corrosion Resistant Bronze Body and Cover
- Integral SS Strainer
- Balanced Piston Design
- Internal Thermal Expansion By-pass
- High and Low Pressure Range Options
- Pressure Gauge Connection Option
- **Made in USA, ARRA Compliant**

OPTIONS

- (36-PR) APOLLOPRESS®

APPROVALS

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

PERFORMANCE RATING†

- Maximum Press Fitting Pressure: 250 psi (17.2 bar)
- Maximum Temperature: 180ºF (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.

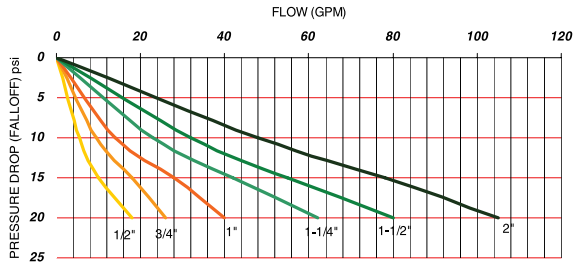
STANDARD MATERIALS LIST

BODY	ASTM B584 C89836 Bronze
COVER	ASTM B584 C84400 Bronze
DIAPHRAGM	FDA Grade Buna W/ Polyester
SEAT DISC	FDA Grade EPDM
STEM	UNS C27450 Brass
SPRING	Stainless Steel
O-RINGS	FDA Grade EPDM
CONNECTOR HOUSING	UNS 27450 Brass
CONNECTOR O-RING	FDA Grade EPDM

DIMENSIONS

MODEL NUMBER	LF PART NUMBER	SIZE (IN.)	LENGTH	HEIGHT FROM CL	WT. (LB.)
PR12PRLF	36LF-203-01PR	1/2"	5.53"	4.75"	3.1
PR34PRLF	36LF-204-01PR	3/4"	5.80"	4.75"	3.1
PR1PRLF	36LF-205-01PR	1"	6.35"	5.9"	4.1
PR114PRLF	36LF-206-01PR	1-1/4"	7.88"	7.49"	9.0
PR112PRLF	36LF-207-01PR	1-1/2"	8.62"	7.49"	9.0
PR2PRLF	36LF-208-01PR	2"	10.76"	9.76"	21.0

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
	3 - SINGLE UNION SOLDER X NPT	S - SEALED CAGE*	05 - 1"	G - W/ GAUGE	3 - 75-125 PSIG	AND 36LF20X ONLY)
	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.*

**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.*

This specification is provided for reference only. Apollo reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Apollo products previously or subsequently sold. Most current information available at apollovalves.com.

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