

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* Apollo Press® 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

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: 180°F (82°C)

*Apollo Press® 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

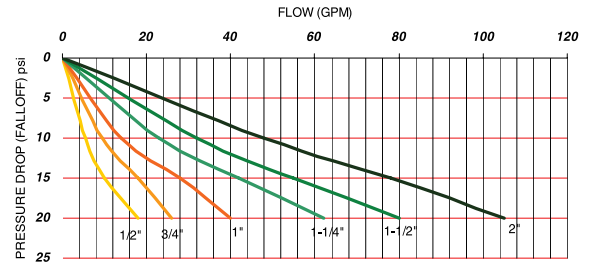
options

- (36-PR) Apollo Press®

dimensions

part number	size (in.)	length (in.)	height from cl (in.)	wt. (lb.)
36LF-203-01PR	1/2"	5.53	4.75	3.1
36LF-204-01PR	3/4"	5.80	4.75	3.1
36LF-205-01PR	1"	6.35	5.9	4.1
36LF-206-01PR	1-1/4"	7.88	7.49	9.0
36LF-207-01PR	1-1/2"	8.62	7.49	9.0
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	O - no option	03 - 1/2"	O - 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.

†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.