

# 36-PR series

water pressure reducing valve



Apollo Press



job name:	
job location:	
engineer:	
contractor:	
tag:	
PO#:	
rep:	
wholesale dist.:	

## description

The Apollo Press® 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)

†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.

## options

- (36LF-PR) lead free Apollo Press®

not intended for potable water

## standard materials list

body	bronze, ASTM B584
covers	bronze, ASTM B584
diaphragm	FDA grade buna w/ polyester
seat disc	FDA grade EPDM
stem	brass, ASTM B-16
spring	stainless steel
piston o-ring	FDA approved nitrile
connector housing	ASTM B16 brass
connector o-ring	FDA grade EPDM

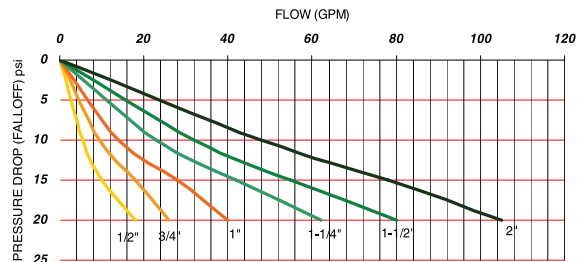
## approvals

- ASSE 1003-2009 - water pressure reducing valves
- CSA B356 - water pressure reducing valves for domestic water supply systems

## dimensions

part number	size (in.)	length (in.)	height from cl (in.)	wt. (lb.)
36-203-01PR	1/2"	5.53	4.75	3.1
36-204-01PR	3/4"	5.80	4.75	3.3
36-205-01PR	1"	6.35	5.9	4.1
36-206-01PR	1-1/4"	7.88	7.49	9.0
36-207-01PR	1-1/2"	8.62	7.49	9.0
36-208-01PR	2"	10.76	9.76	21

## flow chart



## part number matrix

series	connection	option	size	gauge	pressure range	option
36LF 36	X	X	X	X	X	X
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.