

SUBMITTAL SHEET

LEAD FREE

36ELF-P Series

(Model PRE-PLF)

Water Pressure Reducing Valve

APOLLOPUSH™



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	
Wholesale Distributor:	



DESCRIPTION

The Apollo 36ELF water pressure reducing valve is now available with Apollo-Push™ direct connectors. Combining the features, performance and economy of the Apollo 36E family together with proven TECTITE push-fit technology, these lead free regulators feature fast and simple "push to connect" installation. Suitable for use with copper, CPVC and PEX tubing. The dezincification resistant bronze body, stainless steel adjusting screw and dielectric polymer cage provide maximum corrosion resistance. Designed for easy in-line servicing with simple cartridge removal.

FEATURES

- "Push to connect" installation requires no special tools.
- Apollo-Push™ incorporates proven TECTITE™ technology,
- Direct Connectors are permanently installed
- Pushed connections are removable using optional demounting tools
- DZR Lead Free Bronze Body
- Balanced Piston Design
- Sealed Cage for vault installations
- Built-in Thermal Expansion By-Pass
- Large Area Integral Stainless Steel Strainer
- Modular Seat Disc and Strainer Cartridge
- Adjustment Ranges:
15-75 psi (-01) and 75-150 psi (-03)
- Factory tested and preset at 50 psi or 100 psi
- **Manufactured in USA – ARRA Compliant**

PERFORMANCE RATING

- Valve Design Pressure: 200 psi (13.8 bar)
- Maximum Temperature: 180°F (82°C)

APPROVALS

- IAPMO IGC 188 (UPC) approved for CU/CPVC/PEX
- ASSE 1061 "Push fitting performance requirements"
- Lead Free NSF 61 Annex G approved
- NSF 372 Lead Free ANSI 3rd Party Certified
- ASSE 1003
- CSA B356

STANDARD MATERIALS LIST

Part Name	Material
Body	C89836 Lead Free Bronze
Connector Housing	C27451 Lead Free Brass
Connector Sleeve	Acetal Copolymer
Connector Retainer	Type 316 Stainless Steel
Connector O-Ring	NSF grade EPDM
Screen	Stainless Steel
Spring Housing	Glass Filled Celcon®
Diaphragm	NSF grade EPDM
Seat disc	FDA grade EPDM
Adjusting Screw & Nut	Stainless Steel
Cage Seal	Nitrile
Stem	C27451 Lead Free Brass
Spring	Music Wire ASTM A228
Cartridge O-rings	NSF grade EPDM

DIMENSIONS

Part Number Apollo/EPC	Model Number Apollo/EPC	Size (in.)	Length	Height from CL
36ELF-103-01P	PRE-12PLF	1/2"	5.75"	4.75"
10177527	210P			
36ELF-104-01P	PRE-34PLF	3/4"	6"	4.75"
10177530	210P			
36ELF-105-01P	PRE-1PLF	1"	6.5"	4.75"
10177533	210P			

WATER CAPACITY

Fall-Off (PSI)	Pressure Differential (PSI)		
	25	50	75
10	10	13	16
15	13	18	22
20	17	23	29
30	22	29	36
10	16	21	26
15	20	27	32
20	24	32	40
30	29	38	48
10	25	33	41
15	30	42	52
20	34	45	56
30	35	47	59

Pressure differential is the difference between the supply pressure and adjusted outlet pressure measured in the static (closed) condition. Falloff is the difference between the static set pressure and the downstream flowing pre.



OPTIONAL DEMOUNT TOOLS

Size	Apollo Part Number	EPC Part Number
1/2"	D514500	10165630
3/4"	D514800	10165625
1"	D515100	10165627

* LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with CA AB1953, VT Act 193, MD HB372, LA HB471 and Federal Public Law 111-380. ANSI 3rd party approved and listed.

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**
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