

36ELF-P Series

Pressure Reducing Valve

LEAD FREE



"Apollo" PUSH



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

DESCRIPTION

The Apollo 36ELF Water Pressure Reducing Valve is now available with APOLLOPUSH™ 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 or PE-RT 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
- APOLLOPUSH™ 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 Bypass
- 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/PE-RT
- ASSE 1061 - Push Fitting Performance Requirements
- NSF/ANSI 372 - Lead Free
- NSF/ANSI/CAN 61 - Water Quality
- ASSE 1003
- CSA B356

OPTIONS

- (36E-P) - with Standard Materials for Non-Potable Applications

STANDARD MATERIALS LIST

CONNECTOR HOUSING	Lead Free Brass, C27451
CONNECTOR SLEEVE	Acetal Copolymer
CONNECTOR RETAINER	Stainless Steel, Type 316
CONNECTOR O-RING	NSF Grade EPDM
BODY	Lead Free* Bronze, UNS 89836
UNION NUT	BRASS, ASTM B16
TAILPIECE	Lead Free* Brass, UNS C27451
SCREEN	Stainless Steel
CAP	Noryl
DIAPHRAGM	NSF Grade EPDM
SEAT DISC	NSF Grade EPDM
ADJUSTING SCREW/NUT	Stainless Steel
SPRING	Stainless Steel, ASTM A228
O-RINGS	NSF Grade EPDM

DIMENSIONS

PART NUMBER APOLLO/EPC	SIZE (IN.)	LENGTH (IN.)	HEIGHT FROM CL (IN.)
36ELF-103-01P 10177527	1/2"	5.75	4.75
36ELF-104-01P 10177530	3/4"	6	4.75
36ELF-105-01P 10177533	1"	6.5	4.75

OPTIONAL DEMOUNT TOOLS

SIZE	APOLLO PART NUMBER	EPC PART NUMBER
1/2"	D514500	10165630
3/4"	D514800	10165625
1"	D515100	10165627



FLOW CAPACITY

SIZE (IN.)	FALLOFF (PSI)	PRESSURE DIFFERENTIAL (PSI)		
		25	50	75
1/2"	10	10	13	16
	15	13	18	22
	20	17	23	29
	30	22	29	36
3/4"	10	16	21	26
	15	20	27	32
	20	24	32	40
	30	29	38	48
1"	10	25	33	41
	15	30	42	52
	20	34	45	56
	30	35	47	59

Note: Flow curves are based on static conditions of 100psi inlet pressure and 50 psi outlet pressure.

Pressure differential is the difference between the supply pressure and adjusted outlet pressure measured in the static (closed) condition.

Pressure fall-off is the decrease in downstream regulated pressure as the flow increases.

*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.