36ELF Series Pressure Reducing Valve LEAD FREE



Valves

SUBMITTAL SHEET

MARE IN USA	

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

DESCRIPTION

The Apollo 36ELF Series Lead Free* Pressure Reducing Valve is designed to conserve water and protect water distribution systems by automatically reducing elevated supply pressures. 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

- · Balanced Piston Design
- SS Adjusting Screw & Nut •
- Sealed Cage for Vault Installations
- Built-in Thermal Expansion Bypass
- Large Area Integral Stainless Steel Strainer •
- Modular Seat Disc and Strainer Cartridge
- **Control Pressure Ranges:** 15-75 psi and 75-150 psi
- Factory Tested and Preset at 60 psi
- High Flow / High Efficiency Design

SIZE

(IN.)

1/2

3/4

- NPT, Solder, PEX, CPVC,
- Push & Press Connections Single, Double & Less Union
- Configurations Available

DIMENSIONS

CONNECTION

TYPE

Thread - FNPT

Solder

CPVC

PFX A

PEX B/0

Push

Push*

Press

Press

Thread - FNPT

Solder

CPVC

PEX A

PEX B/C

Push

Push*

Press

Press*

Thread - FNPT

Solder

CPVC

PEX A

PEX B/O

Push

Push*

Press

100% Manufactured in USA - ARRA Compliant

Α

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3.625

3 6 2 5

3.625

3.625

3.625

3.625

3 6 2 5

3.625

PERFORMANCE RATING

- Maximum Supply Pressure: 400 psig
- Push & Press Max Supply Pressure: 200 psig
- Working Temperature Range: 33°F 180°F

APPROVALS

- NSF/ANSI 372 Lead Free
- NSF/ANSI/CAN 61 Water Quality •
- ASSE 1003
- IAPMO/UPC

Е

0.95

0.93

0.70

1.20

1.23

1.47

0.99

1.34

0.93

0.93

0.92

1.20

1.25

1.78

1.60

114

1.50

1.06

1.06

116

1.17

196

1.91

118

1.62

OF

DIMENSIONS (IN.)

D

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

6

С

5.53

5.49

5.03

6.03

5.67

6.09

6.57

5.61

6.31

5.49

5.49

5.47

6.03

6.13

7.19

6.83

5.91

6.63

5.75

5.75

5.95

5.97

6.73

755

7.45

599

6.87

в

4.58

4.56

4.33

4.83

4.65

4.86

5.10

4.62

4.97

4.56

4.56

4.55

4.83

4.88

5.41

5.23

4.77

5.13

4 6 9

4.69

479

4.80

5.18

5 59

5.54

4 81

5.25

F

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

2.75

3.38

3.38

3.38

3.38

3.38

3 38

3.38

3.38

3.38

- ard Materials for Non-Potable Applications
- Direct Press Connections, See Submittal SS1286

UNION

2.4

2.4

2.4

2.7

2.7

2.9

2.8

2.9

2.4

2.4

2.4

2.4

2.7

2.7

2.9

2.8

2.9

2.4

2.4

2.4

2.4

3.2

3.1

32

3.2

2.4

WEIGHTS (LB.)

SINGLE DOUBLE

UNION

2.75

2.75

2.75

3.01

2.99

3.02

2.92

3.02

2.75

2.75

2.75

2.75

3.02

2.98

3.02

3.23

3 02

2.75

2.86

2.86

2.86

3.65

3.56

3 6 5

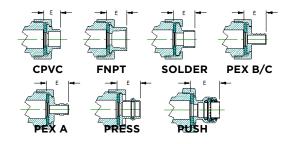
3.91

3 6 5

2.86

Direct Push Connections, See Submittal SS1284

6PONO USA ØF A в TAILPIECES C



Press* ect Connec

PEX A (ASTM F1960) - Cold Expansion PEX | PEX B/C (ASTM F1807) - Crimp Style PEX

*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.

(704) 841-6000 apollovalves.com SS1178 © 08/19 Page 1 of 2

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.



STANDARD MATERIALS LIST

BODY	LF Bronze, UNS 89836
UNION NUT	Brass, ASTM B16
TAILPIECE	LF Brass, UNS C27451
SCREEN	Stainless Steel
САР	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

IAPMO/UPC	
CSA B356	
PTIONS	
(-B) - Bronze Cap NEW!	
(36E) - w/ Standard Materials for Non-Po	tabl

PART NUMBER MATRIX

36ELF 36E	1	X	X	ХХ	X	X
SERIES	STYLE	UNION	SIZE	PRESSURE RANGE	CONNECTION	OPTION
36ELF (LEAD FREE)	1	0 - NO UNION NPT	3 - 1/2"	01 - 15 - 75 PSIG RANGE	T - FNPT THREAD	B - BRONZE CAP
36E		1 - SINGLE UNION	4 - 3/4"	03 - 75-150 PSIG RANGE	S - SOLDER	
		2 - DOUBLE UNION	5 - 1"		C - CPVC	
					X - PEX B/C (F1807)	
					P - PUSH*	
					PR - PRESS**	
					X2 - PEX A (F1960)	

SUBMITTAL SHEET

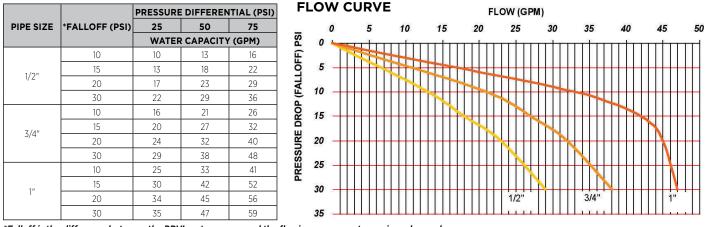
PEX A (ASTM F1960) - Cold Expansion PEX

PEX B/C (ASTM F1807) - Crimp Style PEX

* Available in Direct Connection, Single Union x NPT, and Double Union

Valves

** Available in Direct Connection, and Double Union



*Falloff is the difference between the PRV's set pressure and the flowing pressure at any given demand Pressure Differential is the difference between the inlet supply pressure and the adjusted outlet pressure. Pressure Falloff is the reduction in downstream pressure from the static (set) pressure as the flow increases through the valve.

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.

