

WATER PRESSURE REDUCING VALVES 36E SERIES

Water Pressure Reducing Valves PRE-36E Series

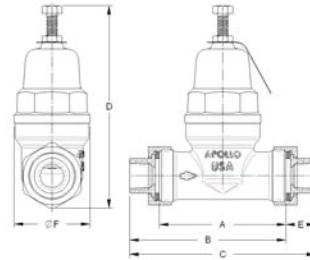
Economy Pressure Reducing Valve

Designed to protect residential and commercial water distribution systems by automatically controlling fluctuating supply pressures. The dezincification resistant bronze body and dielectric polymer cage provide maximum corrosion resistance. Designed for easy in-line servicing with simple cartridge removal.



FEATURES

- High efficiency flow
- Balanced piston design
- Sealed cage for vault installations
- Built-in thermal expansion by-pass
- Integral stainless steel strainer
- SS adjusting screw and nut
- Modular seat disc and strainer cartridge
- Control pressure ranges: 15-75 psi and 75-150 psi
- NPT, solder, PEX, CPVC, press and push connections
- Maximum supply pressure: 400 psig
- Working temperature range: 33°F - 180°F
- 36ELF Lead Free¹ option
- 100% manufactured in USA



| Connect Type | Size (in.) | Dimensions (in) | | | | | | Wt. (Union) (lbs. ea) |
|--------------|------------|-----------------|-------|-------|---|-------|-------|-----------------------|
| | | A | B | C | D | E | F | |
| Thread | 1/2 | 3-5/8 | 4-1/2 | 5-3/8 | 6 | 5/8 | 2-3/4 | 3.5 |
| Solder | 1/2 | 3-5/8 | 4-1/2 | 5-1/2 | 6 | 1/2 | 2-3/4 | 3.4 |
| PEX | 1/2 | 3-5/8 | 4-1/2 | 5-1/2 | 6 | 5/8 | 2-3/4 | 3.3 |
| CPVC | 1/2 | 3-5/8 | 4-1/4 | 5 | 6 | 1/2 | 2-3/4 | 3.1 |
| Thread | 3/4 | 3-5/8 | 4-1/2 | 5-1/2 | 6 | 5/8 | 2-3/4 | 3.4 |
| Solder | 3/4 | 3-5/8 | 4-1/2 | 5-1/2 | 6 | 3/4 | 2-3/4 | 3.3 |
| PEX | 3/4 | 3-5/8 | 4-5/8 | 5-5/8 | 6 | 5/8 | 2-3/4 | 3.2 |
| CPVC | 3/4 | 3-5/8 | 4-1/2 | 5-1/2 | 6 | 5/8 | 2-3/4 | 3.0 |
| Thread | 1 | 3-5/8 | 4-5/8 | 5-3/4 | 6 | 5/8 | 3-3/8 | 4.5 |
| Solder | 1 | 3-5/8 | 4-5/8 | 5-3/4 | 6 | 7/8 | 3-3/8 | 4.4 |
| PEX | 1 | 3-5/8 | 4-3/4 | 6 | 6 | 3/4 | 3-3/8 | 4.3 |
| CPVC | 1 | 3-5/8 | 4-3/4 | 6 | 6 | 15/16 | 3-3/8 | 4.0 |

| 36E Series Water Capacity (GPM) | | | | |
|---------------------------------|----------------|-----------------------------|----|----|
| Pipe Size (in.) | Fall Off (psi) | Pressure Differential (psi) | | |
| | | 25 | 50 | 75 |
| 1/2 | 10 | 10 | 13 | 16 |
| | 15 | 13 | 18 | 22 |
| | 20 | 17 | 23 | 29 |
| 3/4 | 30 | 22 | 29 | 36 |
| | 10 | 16 | 21 | 26 |
| | 15 | 20 | 27 | 32 |
| 1 | 20 | 24 | 32 | 40 |
| | 30 | 29 | 38 | 48 |
| | 10 | 25 | 33 | 41 |
| | 15 | 30 | 42 | 52 |
| | 20 | 34 | 45 | 56 |
| | 30 | 35 | 47 | 59 |

36E - 1 X X - X X X

| End Connection | Union | Size | Pressure Range | Connection |
|-------------------|-----------------|-------|------------------|--------------------|
| 36E - Standard | 0-No union | 3-1/2 | 01 - 15-75 psig | T - FNPT thread |
| 36ELF - Lead Free | 1- Single union | 4-3/4 | 03 - 75-150 psig | S - Solder |
| | 2- Double union | 5-1 | | C - CPVC |
| | | | | P - Apollo-Push® |
| | | | | X - PEX |
| | | | | PR - Apollo-Press® |