



Field Adjustable Pressure Reducing Valves



uses 3/8" rod:
<30 ft. lbs. required to
adjust



Features

- 3/8" adjusting rod included
- Allows flexibility during installation with the ability to adjust settings once installed as hydraulic conditions change

Specifications

- Used in applications where the inlet pressure is greater than **175 PSI**
- 1/4" NPT gauge ports - both sides, drilled and tapped standard

Approval

- UL listed

Angle Valves



| Inlet | Outlet | Cast Brass Part # |
|---------------|---------------|-------------------|
| 2-1/2" FNPT | 2-1/2" MNST | FAPRAV250F |
| | 2-1/2" FNPT | FAPRAVF250 |
| 2-1/2" groove | 2-1/2" MNST | FAPRAVG250F |
| | 2-1/2" groove | FAPRAVG250G |

Straight Valves



| Inlet | Outlet | Cast Brass Part # |
|---------------|---------------|-------------------|
| 2-1/2" groove | 2-1/2" groove | FAPRVG250 |
| 2-1/2" FNPT | 2-1/2" FNPT | FAPRVF250 |

Replacement Parts

| Description | Cast Iron Part # |
|-------------|------------------|
| handwheel | 46-030-00025 |

Setting Instructions

1. Determine desired outlet pressure for known inlet pressure.
2. Remove the tamper-resistant screw and slide the plastic cover up to access the adjusting nut.
3. Use a 3/8" diameter rod in any one of the six holes in the adjusting nut and rotate counter clockwise to increase the pressure at the outlet.
4. Check valve under pressure under static and under the anticipated flowing conditions to ascertain that the setting produces the expected results.



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Adjustable Pressure Restricting Devices

Application

- For installation on Class I or Class III standpipe system hose outlets

Specification

- Working pressure: **175 PSI at 70°F (21°C)**

Feature

- Device restricts pressure in the piping system to such a degree that hose lines can be handled by persons untrained in the handling of heavy fire streams

Approvals

- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- 2-1/2" UL listed, ULC approved



| Female Thread | Male Thread | UL Listed | Cast Brass Part # |
|-----------------|-----------------|-----------|-------------------|
| 1-1/2" NST (NH) | 1-1/2" NST (NH) | no | APRD150F |
| 2-1/2" NST (NH) | 2-1/2" NST (NH) | yes | APRD250F |