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## AJT 427 FGT PRB-S REG

Pressure Regulator | Pressure Reducing Regulator | Gas Pressure Reducing Balanced

### 4" 150 RF Through Body 4" Equal Percentage Trim

Process Fluid: **Gas**  
Operation: **Pneumatic**  
Pilot Type: **Vent**



Critical Flow Factor (Cf) = 0.75

100% Cv = **210.00**

Control pressure downstream of the valve by adjusting the set point to the desired max downstream pressure. Commonly used as a suction control valve on compressors.

Set point increases 1 psi for every 100 psi upstream increase, and vice versa. Utilizes process gas to operate integrated pilot. Gas must be clean and dry.

## Specifications

Connection Size: **4 "**  
Connection Type: **150 RF**  
Body Style: **Through Body**  
Body Material: **Steel**  
**Option Available for NACE MR0175 compliance or certification.**  
Trim Size: **4 "**  
Trim Type: **Equal Percentage**  
Seal Class: **Class VI**  
Process Fluid: **Gas**  
Pilot Type: **Vent**  
Max. Working Pressure: **285 psig**  
Min. Set Point Pressure: **10 psig**  
Max. Set Point Pressure: **285 psig**  
Operation: **Pneumatic**  
Catalog Page: **A:30.4**  
Face-to-Face Length: **15.06**  
Repair Kit P/N: **RRS**

Cv @ % Stem Travel (%open)									
10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
17.8	27.9	38.6	54.2	77	105.2	135.9	162.2	189.8	210

Flow Coefficient (CV) at Stem Travel (% Open) for Item: AJT

