



**ISO  
9001**  
QUALITY  
ASSURANCE

## **BPR-207 Series**

### **Brass, Low Pressure Diaphragm Sensed, Adjustable Back Pressure Regulator**

The **BPR-207** series is a brass, low pressure, diaphragm sensed, adjustable back pressure regulator designed for upstream control of either liquid or gas in analytical or process systems, upstream of the regulator. This series is recommended for use with high purity non-corrosive gases and gas mixtures which would be affected by the absorption and desorption of contaminants from a regulator with a non-metallic diaphragm. Internal surface finish of body is better than 1.6µm with chrome plating as option which allows easier cleaning and lesser particle contamination.



### **TYPICAL APPLICATIONS**

- Gas & liquid analytical instruments
- Gas & liquid sampling
- Research laboratories
- Air compressors
- Blanketing application

### **OPTIONS**

- Panel mount kit
- Helium leak certification

### **FEATURES & SPECIFICATIONS**

- Stainless Steel Diaphragm
- Full brass construction with chrome plating as option.
- 1.6 µm internal surface finish as standard
- Cleaned for Oxygen service.
- Bubble tight shut-off
- Control range: 0 to 1 bar (14.5 psi) to 0 to 35 bar (507 psi)
- Flow Coefficient: Cv 0.2
- Design Pressure: 1.5 times working pr.
- All connections: ¼" NPT (F)
- Seat: Viton® / PTFE
- Max. Operating Temperature:  
Viton® - 121 ° C  
PTFE - 66° C
- Inlet end connection: ¼" NPT (F)
- Outlet end connection: ¼" NPT (F)

NOTE: As a drive for continuous improvement of our products. 'Altair' reserves the right to change descriptions contained in this brochure without prior notice. Consult local distributor or factory for revisions and/or service related issues

**Altair Gas Engineering Company**

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BPR-207 Rev.00-1016

**Made in  
INDIA**

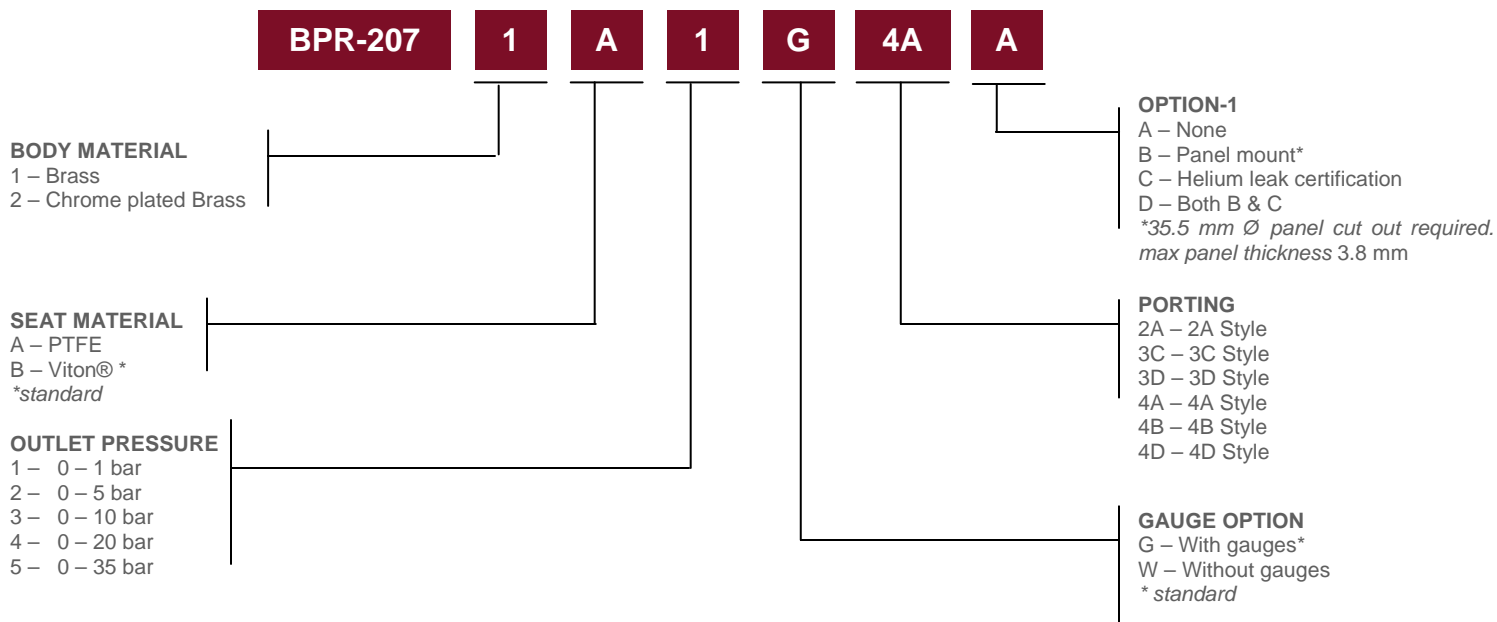




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### Ordering information



*NOTE: While enquiring or placing order please mention inlet and outlet end connections if requirement is different from above.*

#### ADVICE IS ALWAYS AVAILABLE ON:

- System design, installation and commissioning
- Gas handling and control equipments
- Training on product handling and safety
- Engineering and equipment maintenance



**CLIENT LABELS ARE ALSO OFFERED SUBJECTED TO MINIMUM ORDER QUANTITY**

*Altair may suggest certain materials for certain applications. These suggestions are based on compatibility information provided by material suppliers on previous experience. However, Altair does not guarantee the material to be compatible with a specific media; this will be the sole responsibility of the user*

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