



ISO
9001
QUALITY
ASSURANCE

HPR-207 Series

Brass, Single Stage Low Pressure Regulator

The **HPR-207** series is a brass single stage pressure regulator 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. It is suitable for all such application up to a maximum inlet pressure of 40 bar. 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 chromatography
- Zero & calibration gases
- Research laboratories
- High purity carrier gases
- Gas cylinder regulator assemblies
- Hydrocarbon service
- Cryogenic gases

OPTIONS

- Panel mount kit
- Relief Valve
- Captured Vent
- Self Venting
- Helium leak certification

FEATURES & SPECIFICATIONS

- Stainless Steel Diaphragm
- Standard 10 µm sintered bronze filter at inlet of main valve assembly
- 1.6 µm internal surface finish as standard
- Cleaned for Oxygen service.
- Bubble tight shut-off
- Inlet pressure: 40 bar (580 psi)
- Outlet range: 0 to 25 bar (360 psi)
- Flow Coefficient: Cv 0.1
- Design Pressure: 1.5 times working pr.
- All connections: ¼" NPT (F)
- Seat: PTFE
- Max. Operating Temperature:
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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HPR-207 Rev.00-1016

Made in
INDIA

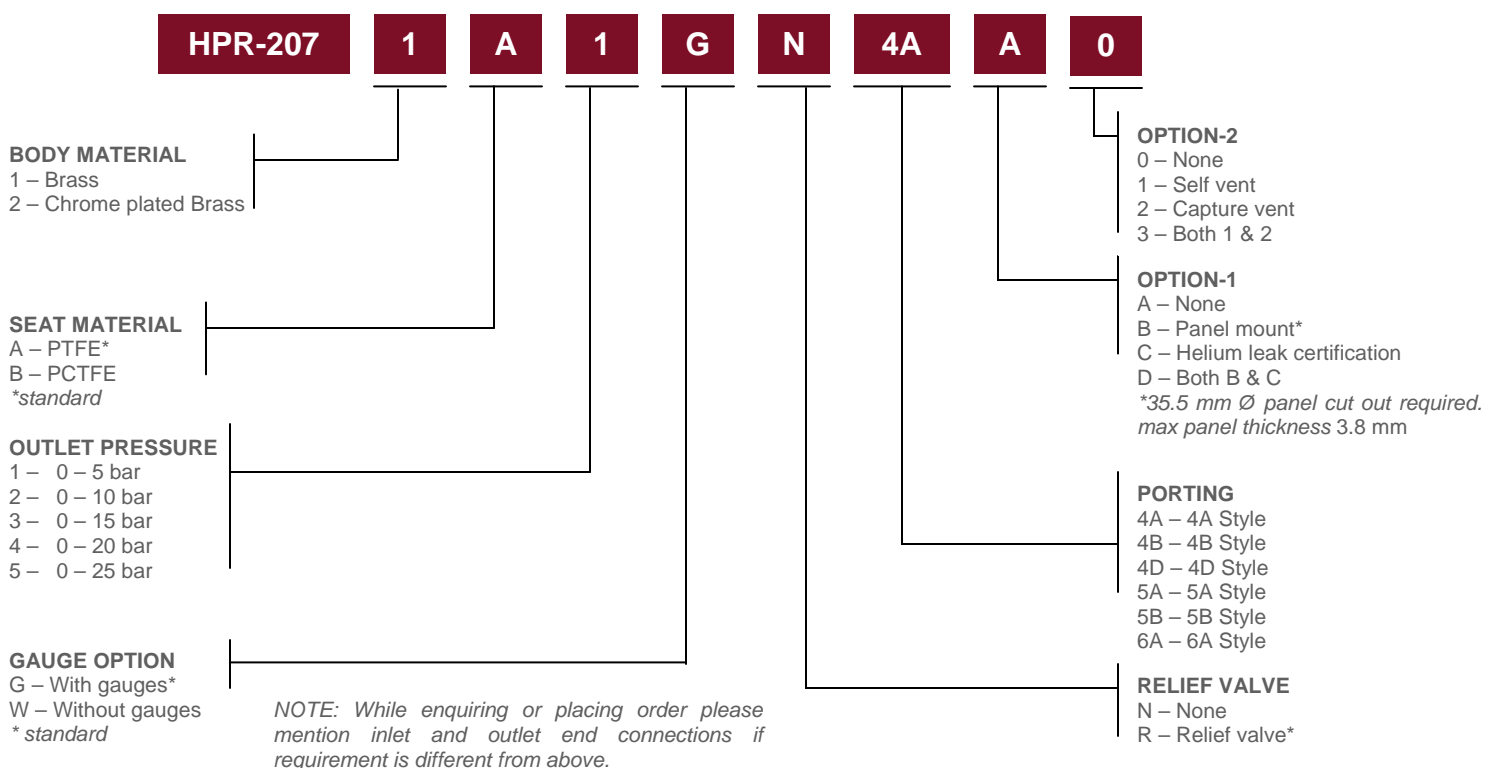




HPR-207 Series

**Brass, Single Stage
Low Pressure Regulator**

Ordering information



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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