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QUALITY
ASSURANCE

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HPR-270 Series

Brass, Single Stage High Pressure Regulator

The HPR-270 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 210 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: 210 bar (3000 psi)
- Outlet range: 0 to 35 bar (500 psi)
- Flow Coefficient: Cv 0.06
- Design Pressure: 1.5 times working pr.
- All connections: ¼" NPT (F)
- Seat: PTFE / PCTFE
- Max. Operating Temperature:
 - PTFE - 66° C
 - PCTFE - 80° 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

Concorde, 807, Plot no. 66A, Sector-11, CBD,
Navi Mumbai, Maharashtra, INDIA – 400614.

Phone: +91-22-69001520 - 27 (8 lines)

E-mail: info@altair-gec.com

www.altair-gec.com

HPR-270 Rev.00-0716

Made in
INDIA

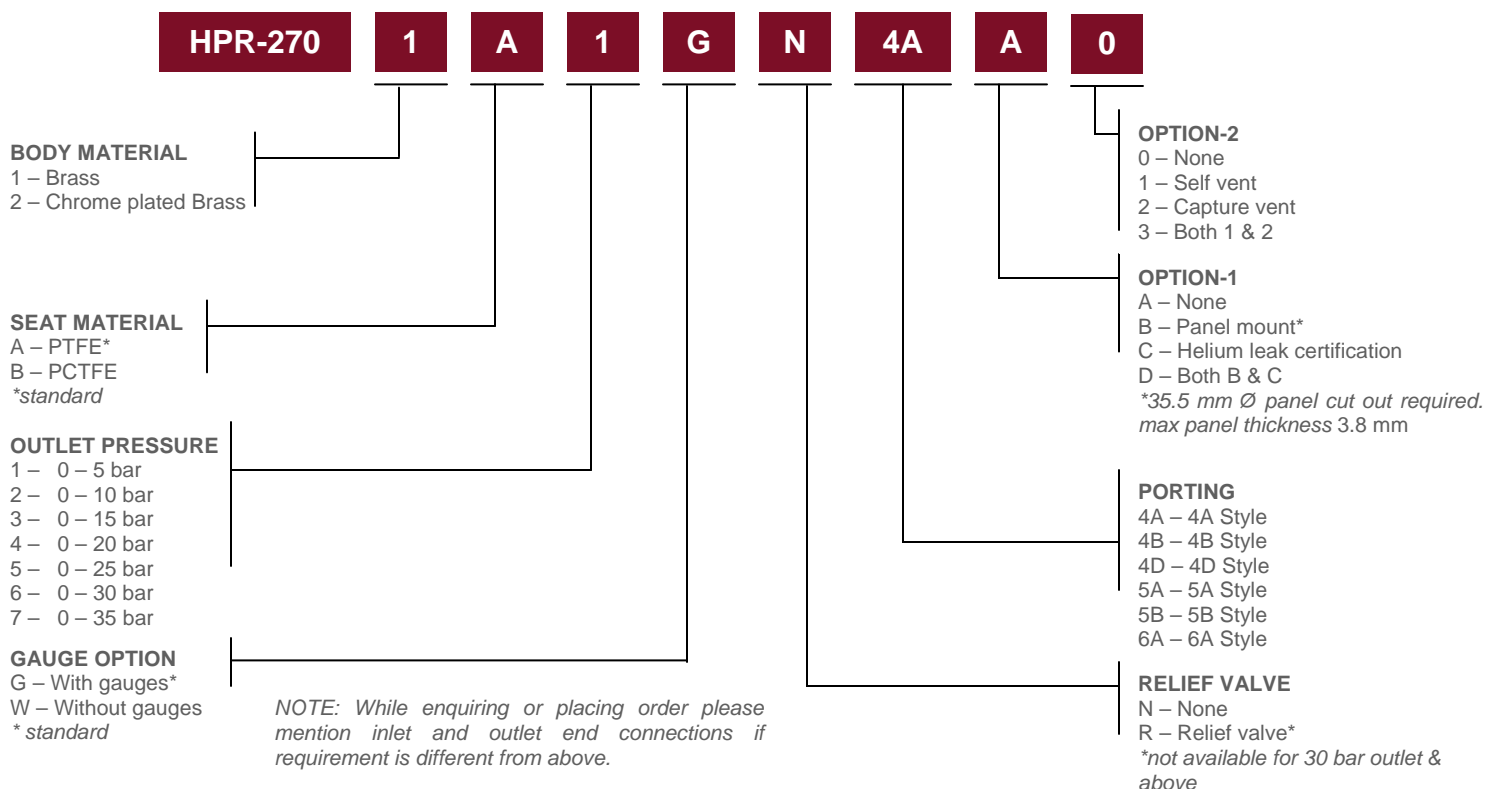




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**Brass, Single Stage
High Pressure Regulator**

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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