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HPR-360 Series

Stainless Steel, Single Stage High Pressure Regulator

The HPR-360 series is a stainless steel single stage pressure regulator recommended for use with high purity corrosive gases up to 210 bar (inlet pressure) where gas delivery systems require high leak integrity and lower dead volume which is particularly important for corrosive and toxic gases. Internal surface finish of body is better than 1.6µm which allows easier cleaning and lesser particle contamination. Stainless steel bonnet prevent atmospheric corrosion and maintain appearance.

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 stainless steel 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-360 Rev.00-0716

Made in
INDIA

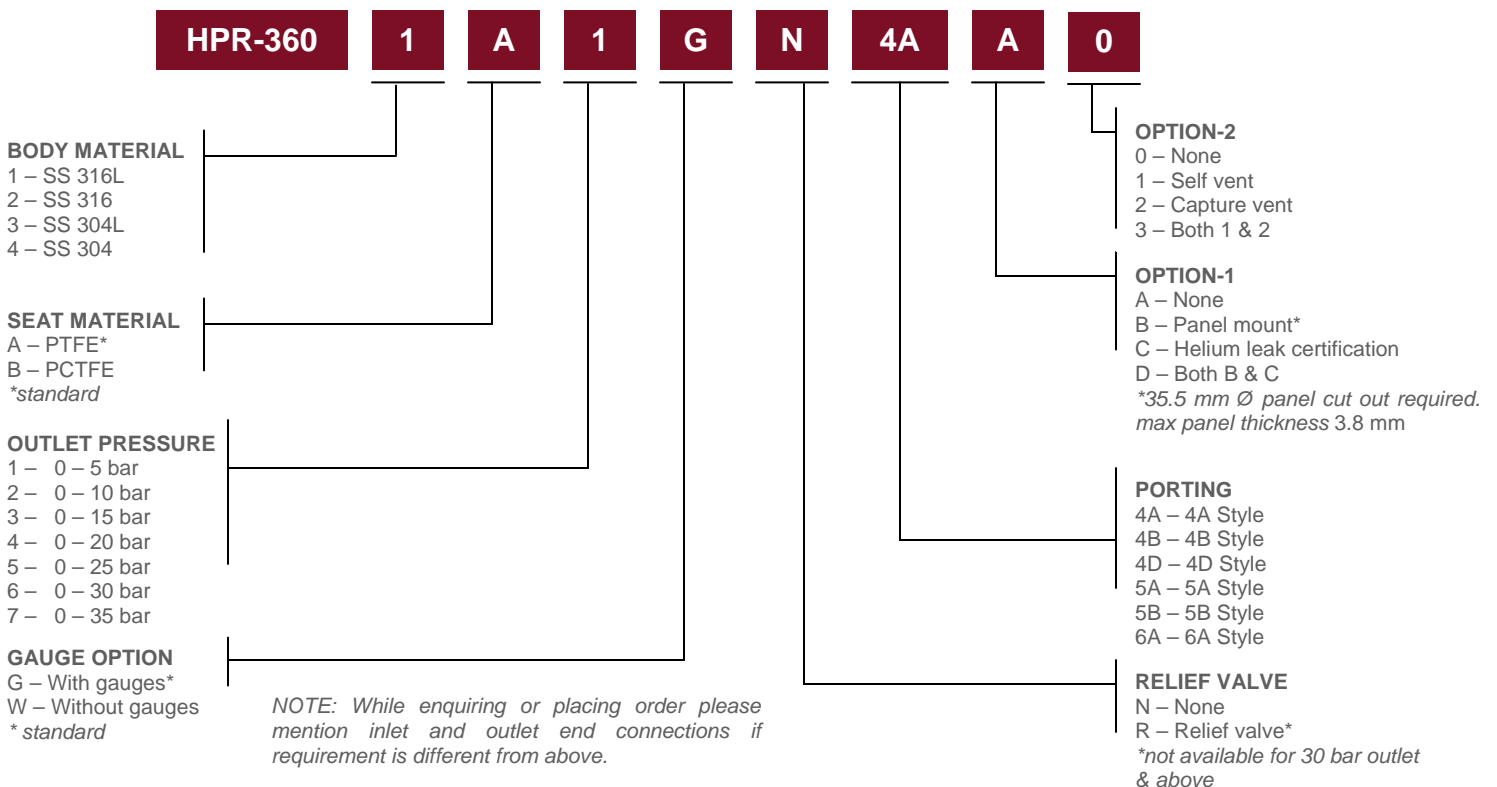




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High Pressure Regulator**

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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