



ISO
9001
QUALITY
ASSURANCE

HPR-720 Series

Stainless Steel, Single Stage Ultra-High Pressure Regulator

The HPR-720 series is a stainless steel single stage ultra-high pressure regulator recommended for use with high purity and corrosive gases. It is designed to accept inlet pressures up to 10000 psig & deliver outlet pressure from 150 psig up to 10000 psig. Internal surface finish of body is better than 1.6µm allows easier cleaning and lesser particle contamination. Optional self-venting feature enables downstream pressure reduction. Uniquely designed piston sensing element offers excellent regulation characteristics.



TYPICAL APPLICATIONS

- Air plane strut charging
- Aircraft Maintenance systems
- Aerospace hydraulic systems
- Research & Development laboratories
- Chemical & Pharmaceutical manufacturing
- High pressure equipment calibration

OPTIONS

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

FEATURES & SPECIFICATIONS

- Stainless Steel Piston
- 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: 690 bar (10000 psi)
- Outlet range: 10 to 690 bar (10000 psi)
- Flow Coefficient: Cv 0.06
- Design Pressure: 1.5 times working pr.
- Seat: PEEK 450G
- Max. Operating Temperature: PEEK 450G - 100° 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-720 Rev.00-0916

www.altair-gec.com

Made in
INDIA

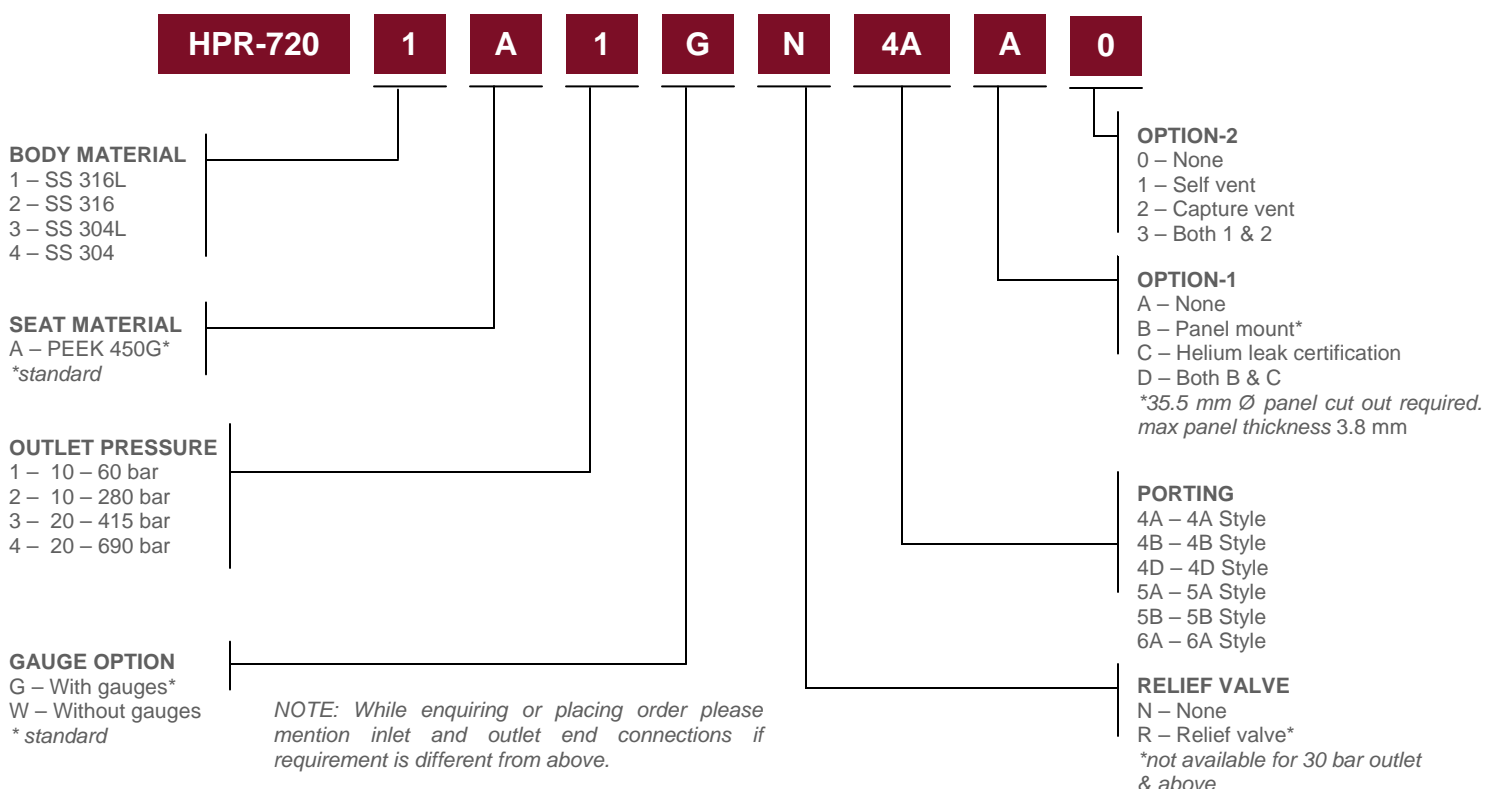




HPR-720 Series

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Ultra-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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