



ISO
9001
QUALITY
ASSURANCE

HPR-630 Series

Brass, Single Stage High Pressure Regulator

The HPR-630 series is a brass single stage ultra-high pressure regulator recommended for use with high purity and non-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 with chrome/nickel plating as option which allows easier cleaning and lesser particle contamination. Optional self-venting feature enables downstream pressure reduction. Uniquely designed piston sensing element offers excellent regulation



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

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

HPR-630 Rev.00-0916

www.altair-gec.com

Made in
INDIA

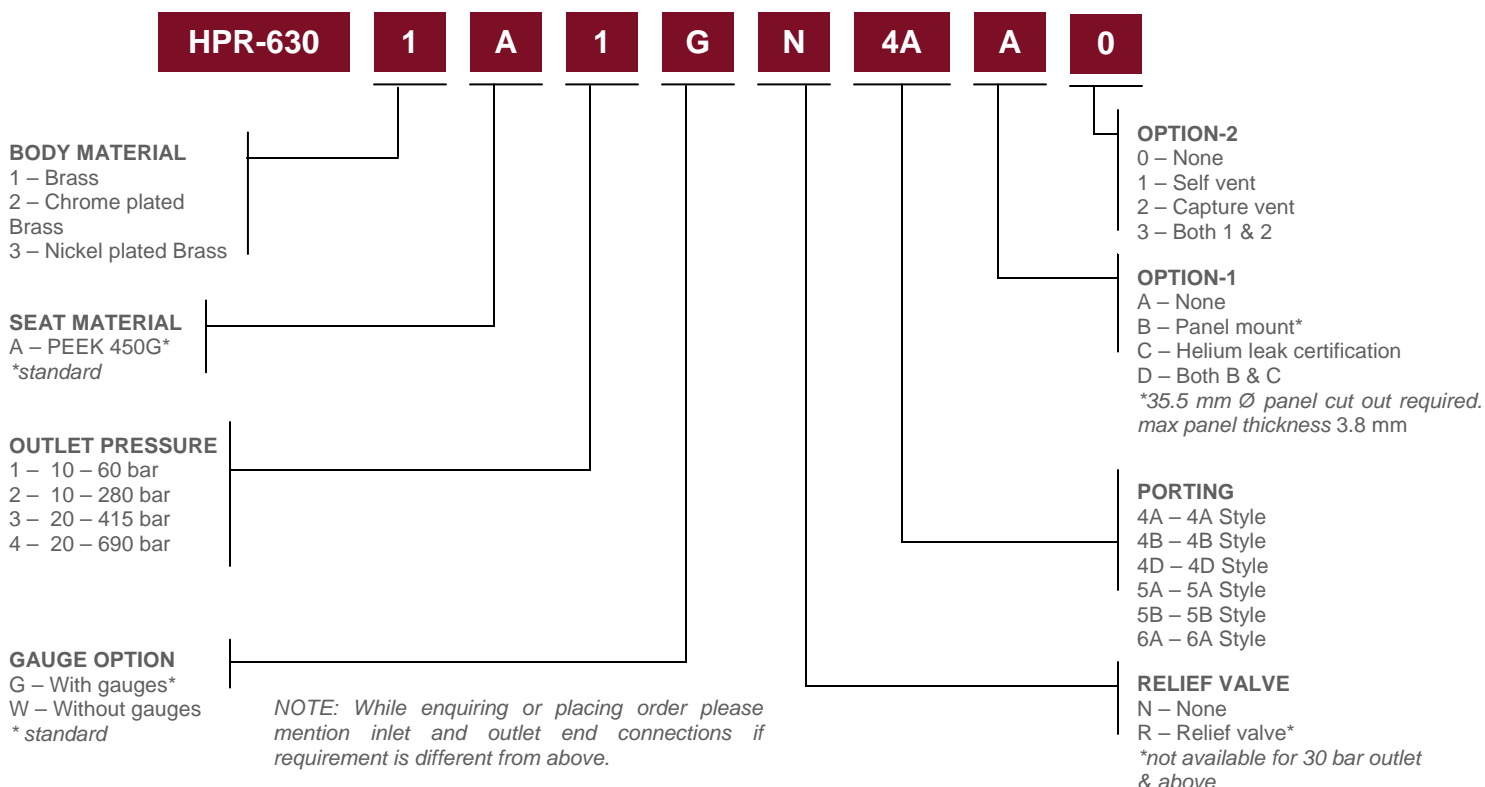




HPR-630 Series

**Brass, Single Stage
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

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-630 Rev.00-0916

**Made in
INDIA**

