

Gascon Systems Single Stage EHP Charging Regulators



- Encapsulated seat assembly with built-in filter
- Bar Stock body
- Maximum outlet pressure adjusting stop
- Colour coded control knobs
- Australian made

Applications:

- For use in non-corrosive gas applications
- Oxygen or Nitrogen Charging for Aircraft
- Regulator is used for intermediate short periods of time

We also offer a range of high pressure flexible leads in various lengths and with various fittings to suit your requirements.

The Gascon Systems single stage charging regulators are manufactured from brass bar stock and are designed for charging aircraft tyres and struts. Typically the regulators we offer are adjustable up to 20,000 kPa and come complete with a charging & bleed down valve. They are also fitted with a restrictor to limit the flowrate for prevention of ignitions.

Different versions of this regulator are available, so please contact Gascon Systems and we can manufacture a product to suit the specific customer requirements.

Specifications:

Max. Inlet Pressure: According to Inlet Fitting
 Type 10 is 200 Bar @ 15°C
 Type 50 is 200 Bar @ 15°C
 Type 60 is 200 Bar @ 15°C
 Type 11 is 250 Bar @ 15°C
 Type 51 is 315 Bar @ 15°C
 Type 61 is 315 Bar @ 15°C

Outlet Pressures: Adjustable 0 – 20,000 kPa

Gauges: 50mm diameter brass

Body Ports: 1/4" NPT (F)

Weight: 1.8 kg

Materials:

Body: Chrome plated brass bar stock

Bonnet: Chrome plated brass

Valves: Brass

Seat: PCTFE

Filter: 34 micron cupro nickel

Diaphragm: Neoprene

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Model	Ports	Inlet	Pressure Adjustment	Outlet Pressure	Optional Fittings	Inlet Fitting	Outlet Fitting	Options	Gas
R Standard (up to grade 3.5)	4 5 6	V Vertical S Side	A Adjustable	3000 kPa 7000 kPa 10000 kPa 20000 kPa	GG Inlet & Outlet Gauge	T10 (AS2473 Type 10) T11 (AS2473 Type 11) T50 (AS2473 Type 50) T51 (AS2473 Type 51) T60 (AS2473 Type 60) T61 (AS2473 Type 61) Y (Medical Yoke) Others by Description	4F (1/4" Female Port) 4M (1/4" NPT male) 4AN (#4 AN Male) Others by Description	CV Charging Valve BV Bleed Valve	AIR Air N2 Nitrogen OXY Oxygen

Ordering examples

R-5-S-A-3000-GG-T10-4AN-CV-BV-OXY Industrial Oxygen charging regulator, side Type 10 inlet, adjustable to 3000 kPa, inlet and outlet gauges, #4AN outlet fitting, with charging and bleed down valve