

Gascon Systems Single Stage 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
- Where a slight variation in delivery pressure is acceptable as cylinder contents pressure decreases
- Regulator is used for intermediate short periods of time
- Used with liquefied gas supplies
- Laboratory reticulation system supply regulator.

The Gascon Systems range of single stage regulators are manufactured from brass bar stock and are recommended for use in non-corrosive gas applications. Versions are available for industrial, laboratory, medical and scientific grade gases.

Wide range of options including; inlet connection orientations, inlet fittings (eg. AS, CGA, BS, DIN, AFNOR), diaphragm materials, outlet pressure ranges, ventable pressure relief valves, internal flow restrictors for pressure charging systems, preset outlet pressure models, different seat configurations for different flow/pressure characteristics, wall mount brackets and panel mount kits.

Specifications:

Max. Inlet Pressure: 20,000 kPa @ 15°C
(31,500 kPa optional)

Outlet Pressures: 0 – 20,000 kPa

Gauges: 50mm diameter brass

Body Ports: ¼” NPT (F)

Weight: 1.4 kg

Materials:

Body: Chrome plated brass bar stock

Bonnet: Chrome plated brass

Seat: PCTFE or PTFE

Filter: 63 micron cupro nickel

Diaphragm: Neoprene; EDPM; PTFE coated neoprene; or 316L stainless steel

ORDERING INFORMATION XX - X - X - X - XXXX - XXX - XXX - XXX - XX - XXXX

Model	Ports	Inlet	Pressure Adjustment	Outlet Pressure	Optional Fittings	Inlet Fitting	Outlet Fitting	Options	Gas
R Standard (up to grade 3.5)	2 3	V Vertical S Side	A Adjustable P Preset	Required Outlet Pressure in kPa	G Inlet Gauge GG Inlet & Outlet Gauge P Pressure Relief Valve GGP 2 Gauges & PRV	T10 (AS2473 Type 10) T11 (AS2473 Type 11) T20 (AS2473 Type 20) T30 (AS2473 Type 30) T50 (AS2473 Type 50) T51 (AS2473 Type 51) T60 (AS2473 Type 60) T61 (AS2473 Type 61) 320 (CGA320) 330 (CGA330) 350 (CGA350) 510 (CGA510) 540 (CGA540) 580 (CGA580) Y (Medical Yoke) 4F (1/4" Female NPT)	4F (1/4" Female Port) 2S (1/8" Tube Fitting) 4S (1/4" Tube Fitting) 6S (3/8" Tube Fitting) 8S (1/2" Tube Fitting) 2M (1/8"NPT male) 4M (1/4" NPT male) 6M (3/8" NPT male) 8M (1/2" NPT male) 2B (1/8" hose barb) 4B (1/4" hose barb) 8B (1/2" hose barb) FA (fine adjust valve) 58R (5/8"-18UN RH) 58L (5/8"-18UN LH) SIS (medical sleeve indexed system)	WM Wall Mount Bracket PM Panel Mount Bracket	ACET Acetylene AIR Air AR Argon CO Carbon Monoxide CO2 Carbon Dioxide HE Helium H2 Hydrogen LPG Propane METH Methane N2 Nitrogen N2O Nitrous Oxide OXY Oxygen SF6 Sulfur Hexafluorid OTHERS by Symbol
PR Laboratory (up to grade 4.5)	4 5	R Rear				4F (1/4" Female NPT)			
HR High Purity (up to grade 5.5)	6								
MR Medical						Others by Description	Others by Description		

Ordering examples

HR-5-V-A-1000-GGP-T20-4S-H2

Scientific hydrogen single stage regulator, vertical Type 20 inlet, adjustable to 1000 kPa, inlet and outlet gauges, pressure relief valve and ¼” brass tube outlet fitting

MR-4-S-P-400-GP-Y-SIS-AIR

Medical air single stage regulator, side pin indexed yoke inlet, preset 400 kPa, inlet gauge, pressure relief valve and a sleeved indexed outlet fitting