

Gascon Systems Single Stage Regulators



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 (GC > (500)=5atmos 70psig)

Gauges: 50mm diameter brass

Body Ports: 1/4" 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 (*for High Purity Regs*)

- 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.

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

Ordering examples

HR-5-V-A-1000-GGP-T20-2S-H2

Scientific **hydrogen** single stage regulator, vertical Type 20 inlet, adjustable to 1000 kPa, inlet and outlet gauges, pressure relief valve and 1/8" brass tube outlet fitting. (but specify if different)

GC Carrier Gas

Recommended > Order High Purity Version : SS Diaphragm- HR5S-A-500-GGP-T20-2S-H2; 7/16"NPT-F Outlet

HR-5-V-A-1000-GGP-T20-2S-He

Helium High Purity ... as above

(Isolation Needle Valve 7/16"NPT-M Inlet,1/8"Outlet (NVNV2M-2N)

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

