

Gascon Systems Line Regulators



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

Applications:

- For use in non-corrosive gas applications
- Used with liquefied gas supplies
- Point of use regulator in a pipeline reticulation system

The Gascon Systems range of line 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, diaphragm materials, outlet pressure ranges, preset outlet pressure models, different seat configurations for different flow/pressure characteristics, wall mount bracket, bench mount brackets and panel mount kits.

Specifications:

Max. Inlet Pressure: 3,000 kPa @ 15°C

Outlet Pressures: 0 – 3,000 kPa

Gauges: 50mm diameter brass

Body Ports: 1/4" NPT (F)

Weight: 1.1 kg

Materials:

Body: Chrome plated brass bar stock

Bonnet: Chrome plated brass

Seat: PCTFE or PTFE
(Nitrile & Nylon optional)

Filter: 63 micron cupro nickel

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

ORDERING INFORMATION XX - X - X - X - XXX - XX - XX - XX - 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	G Inlet Gauge	4F (1/4" Female Port)	4F (1/4" Female Port)	WM Wall Mount Bracket	ACET Acetylene
3	3	S Side	P Preset	Outlet	GG Inlet & Outlet Gauge	2S (1/8" Tube Fitting)	2S (1/8" Tube Fitting)		AIR Air
PR Laboratory (up to grade 4.5)	4	R Rear		Pressure in kPa	P Pressure Relief Valve	4S (1/4" Tube Fitting)	4S (1/4" Tube Fitting)	PM Panel Mount Bracket	AR Argon
HR High Purity (up to grade 5.5)					GGP 2 Gauges & PRV	6S (3/8" Tube Fitting)	6S (3/8" Tube Fitting)		CO Carbon Monoxide
MR Medical						8S (1/2" Tube Fitting)	8S (1/2" Tube Fitting)	BM Bench Mount Bracket	CO2 Carbon Dioxide
						2M (1/8"NPT male)	2M (1/8"NPT male)		HE Helium
						4M (1/4" NPT male)	4M (1/4" NPT male)		H2 Hydrogen
						6M (3/8" NPT male)	6M (3/8" NPT male)		LPG Propane
						8M (1/2" NPT male)	8M (1/2" NPT male)		METH Methane
						2B (1/8" hose barb)	2B (1/8" hose barb)		N2 Nitrogen
						4B (1/4" hose barb)	4B (1/4" hose barb)		N2O Nitrous Oxide
						8B (1/2" hose barb)	8B (1/2" hose barb)		OXY Oxygen
						ISO (isolation valve)	FA (fine adjust valve)		SF6 Sulfur Hexafluoride
						SIS (medical handwheel inlet)	Others by Description		OTHERS by Symbol
						Others by Description			

Ordering examples

PR-3-S-A-800-G-4F-4S-WM-AIR

Laboratory line regulator, 1/4" NPT female side inlet (RHS) , adjustable to 800 kPa, outlet gauge, wall mount bracket and 1/4" brass tube outlet fitting, for Air

MR-3-R-A-100-G-SIS-2B-AIR

Medical line regulator, rear handwheel inlet, adjustable to 100 kPa, outlet gauge and a 1/8" hose barb outlet, for Medical Air