Gas Control Equipment

Tech Master GPP400 Series

4.5 Purity Single Stage Brass Barstock Diaphragm Outlet Point Regulator



The Tech Master GPP400 Series single stage diaphragm outlet point regulators are designed for secondary pressure gas control of non-corrosive or toxic, technical grade gases up to grade 4.5 purity (99.995%), on gas distribution systems.

- **GPP400** Series | Single Stage Diaphragm Outlet Point Regulator

FEATURES

- Three port configuration
- Rear point mounting (1/4 NPT male)
- Encapsulated seat design
- Low wetted surface area
- Full range of outlet fittings
- Rear entry

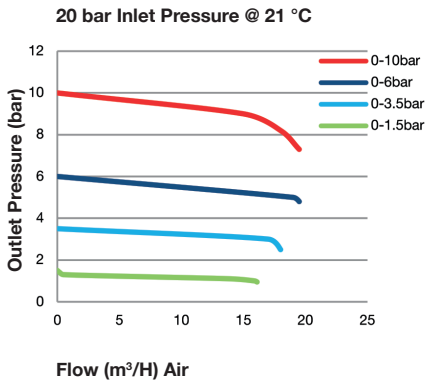
MATERIAL

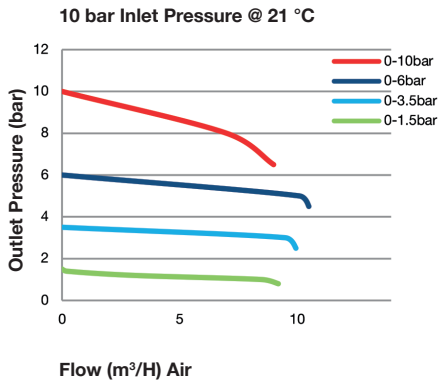
Body	Brass Barstock
Bonnet	High Strength Alloy
Diaphragm	Polychloroprene (Neoprene®) (CR)
Valve Seat	Polyamide (Nylon®)
Filter	10 Micron 316L Stainless Steel

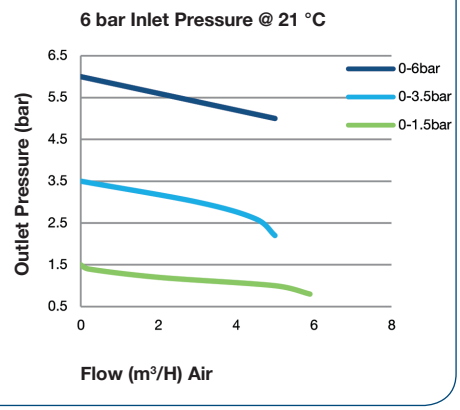
SPECIFICATION

Maximum Inlet Pressure	60 bar (870 PSI)
Delivery Pressure Range	1.5 bar (22 PSI)
	3.5 bar (50 PSI)
	6 bar (90 PSI)
	10 bar (150 PSI)
Gauges	50mm (2") Diameter
Ports	1/4" NPT Female
Temperature Range	-20° C to +60° C (-4° F to +140° F)
Weight	1.1 kg (2.5 lbs)

FLOW PERFORMANCE

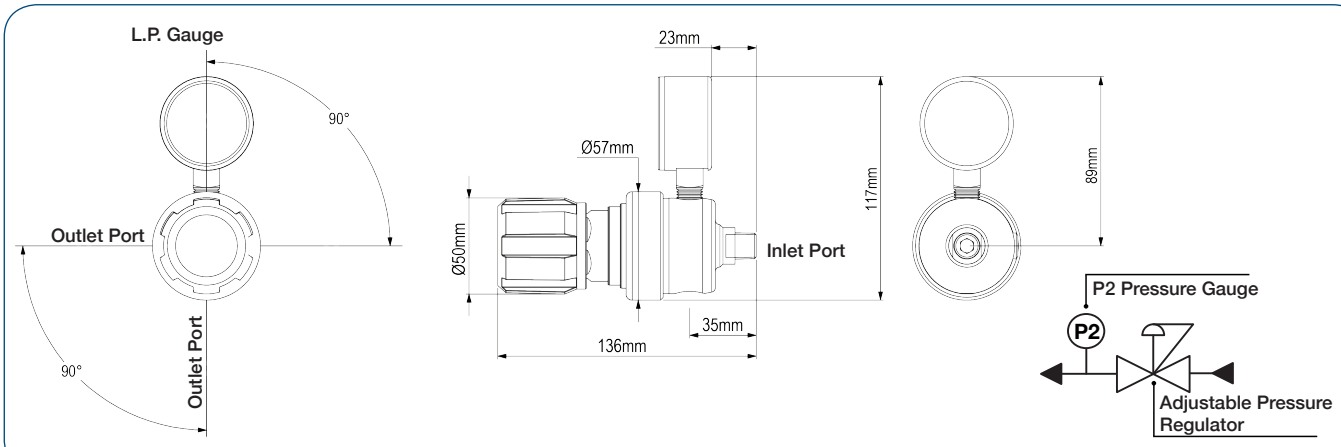






We do everything we can to ensure that the technical information within this document is correct at time of publishing, however content may be changed without notice.

DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPP400 Series

GPP400- 02- 02- 00- 00- 004- 01- A

Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
GPP400	**02** 60 bar [870]	**02** 0 to 1.5 [22]	**00** No Gauge Fitted	**00** No Gauge Fitted	**004** 1/4 NPT Male	**00** 1/4 NPT Female	**A** No Options Selected
		03 0 to 3.5 [50]		**01** bar/PSI		**01** 1/8 Stainless Steel Compression	**K** Certificate of Conformity (CoC)
		04 0 to 6 [90]		**10** Plugged Port		**02** 1/4 Stainless Steel Compression	**P** Calibration / Pressure Test Certificate
		05 0 to 10 [150]				**03** 6mm Stainless Steel Compression	**X** Special Instruction
						04 1/4 NPT Male	
						05 1/4 SAE Flare Brass Male	
						06 G1/2 BSP R/H Brass Male	
						07 G3/8 BSP R/H Brass Male	
						08 G3/8 BSP L/H Brass Male	

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