



TECH MASTER GPL400 SERIES

4.5 Purity Single Stage Brass Barstock Diaphragm Line Regulator

Tech Master GPL400 series single stage diaphragm line regulators are designed for secondary pressure gas control of non-corrosive or toxic, technical gases up to grade 4.5 purity (99.995%), on gas distribution systems.

■ **GPL400 Series** | Single Stage Diaphragm Line Regulator

FEATURES

- Four port configuration
- Rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings

MATERIALS

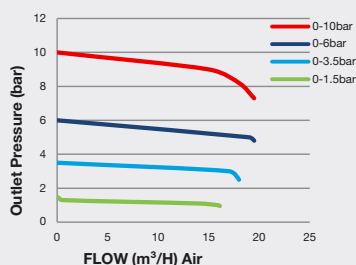
Body	Brass Barstock
Bonnet	High Strength Alloy
Diaphragm	Polychloroprene (Neoprene®) (CR)
Seat	Polyamide (Nylon®)
Filter	10 Micron 316L Stainless Steel

SPECIFICATION

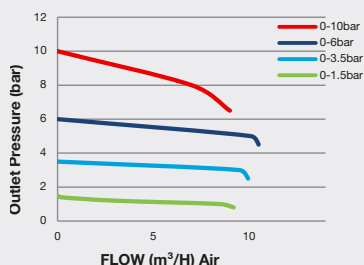
Maximum Inlet Pressure	60 bar (870 PSI)
Delivery Pressure Range	1.5 bar (22 PSI) / 3.5 bar (50 PSI) / 6 bar (90 PSI) / 10 bar (150 PSI)
Gauges	50mm (2") Diameter
Ports	1/4" NPT Female
Temperature Range	-20° C to +60° C (-4° F to +140° F)
Flow Coefficient (Cv)	0.1
Weight	1.1 kg (2.5 lb)

FLOW PERFORMANCE

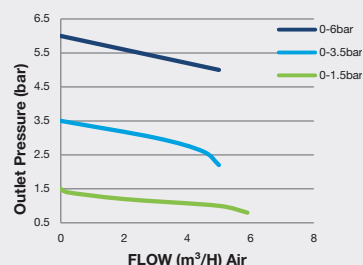
20 bar Inlet Pressure @ 21° C

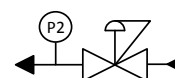


10 bar Inlet Pressure @ 21° C



6 bar Inlet Pressure @ 21° C





P2

- P2 Pressure Gauge