



# Lab Master LGP510 Series

5.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm

Outlet Point Regulator – Acetylene



The Lab Master LGP510 Series single stage diaphragm outlet point regulators are designed for secondary pressure gas control of high purity Acetylene gas up to grade 5.0 purity (99.999%), on gas distribution systems.

■ **LGP500 Series** | Single Stage Diaphragm Outlet Point Regulator - Acetylene

## ★ 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

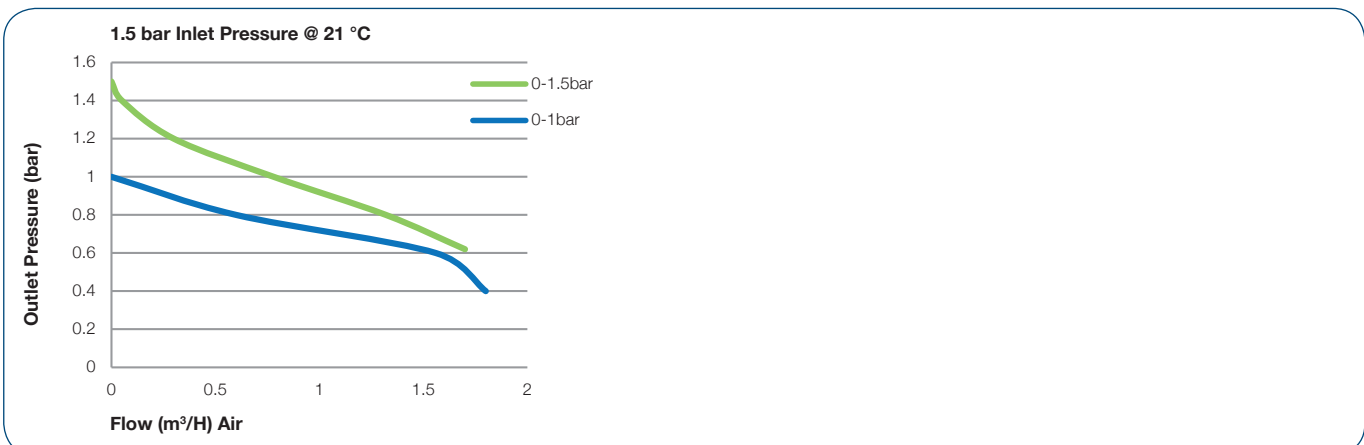
## 📄 MATERIAL

■ Body	Nickel Plated Brass Barstock
■ Bonnet	High Strength Alloy
■ Diaphragm	316L Stainless Steel
■ Seal	PTFE
■ Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

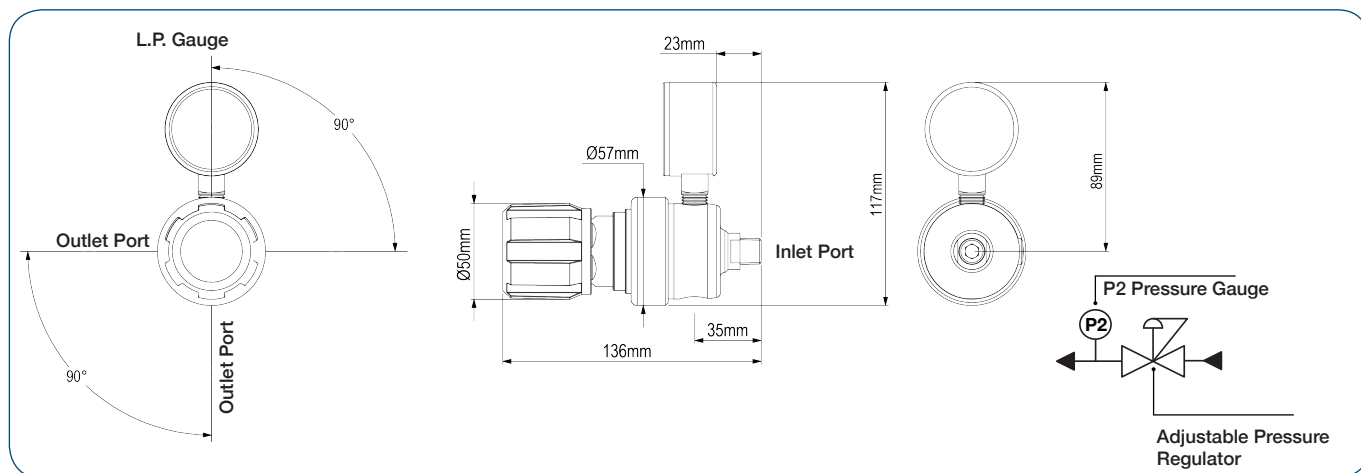
## 👍 SPECIFICATION

■ Maximum Inlet Pressure	1.5 bar (22 PSI)
■ Delivery Pressure Range	1.0 bar (22 PSI) 1.5 bar (50 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	<b>Inlet:</b> 1/4" NPT Male <b>Outlet:</b> 1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.1
■ Weight	1.2 kg (2.7 lb)

## ✓ FLOW PERFORMANCE



## DRAWINGS



## MODEL NO. SELECTOR GUIDE

Example for a Model No. for LGP510 Series

LGP510-	07-	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
LGP510	07 1.5 bar [22]	01 0 to 1.0 [15]	00 No Gauge Fitted	00 No Gauge Fitted	004 1/4 NPT Male	00 1/4 NPT Female	A No Options Selected
		02 0 to 1.5 [22]		01 bar/PSI		01 1/8 Stainless Steel Compression	K Certificate of Conformity (CoC)
				10 Plugged Port		02 1/4 Stainless Steel Compression	P Calibration / Pressure Test Certificate
						03 6mm Stainless Steel Compression	X Special Instruction
						04 1/4 NPT Male	
						08 G3/8 BSP L/H Brass Male	

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