



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

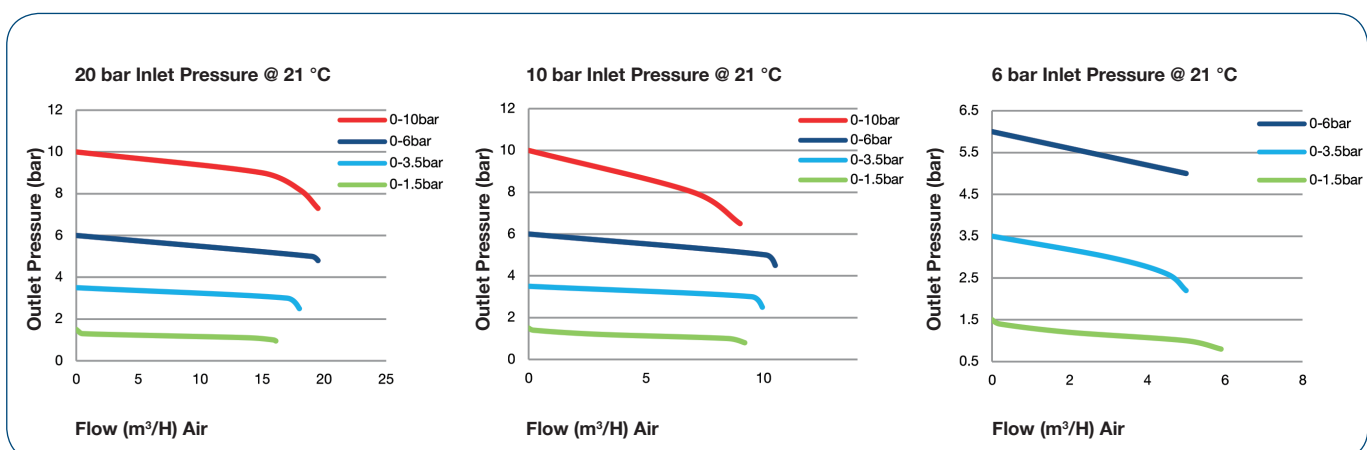
📄 MATERIAL

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

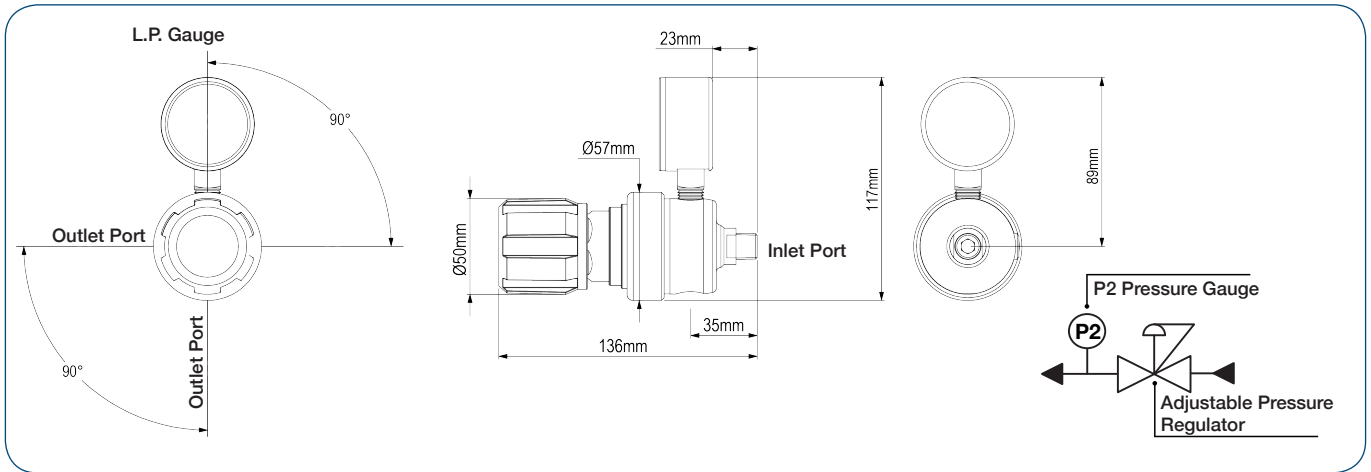
👍 SPECIFICATION

| | |
|---------------------------|--|
| ■ 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) |
| ■ Flow Coefficient (Cv) | 0.1 |
| ■ Weight | 1.1 kg (2.5 lbs) |

✓ FLOW PERFORMANCE



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 | |