Gas Control Equipment

Tech Master GPD4030 Series

4.5 Purity Single Stage Brass Barstock Diaphragm Differential Autochange Gas Control Panel (BS EN ISO 7291)



The Tech Master GPD4030 Series single stage differential autochange control panels are designed for primary pressure gas control of non-corrosive or toxic, technical gases up to grade 4.5 purity (99.995%), on gas distribution systems where slight pressure variation is acceptable.

- **GPD4031** Series | Single Stage Twin Cylinder Diaphragm Differential Autochange Gas Control Panel, FKM Seal, Pressure Relief Valve
- **GPD4032** Series | Single Stage Twin Cylinder Diaphragm Differential Autochange Gas Control Panel, EPDM Seal, Pressure Relief Valve

FEATURES

- High pressure isolation valves
- Single stage pressure regulation
- Process line isolation valve
- Encapsulated valve design
- Twin cylinder configuration

MATERIAL

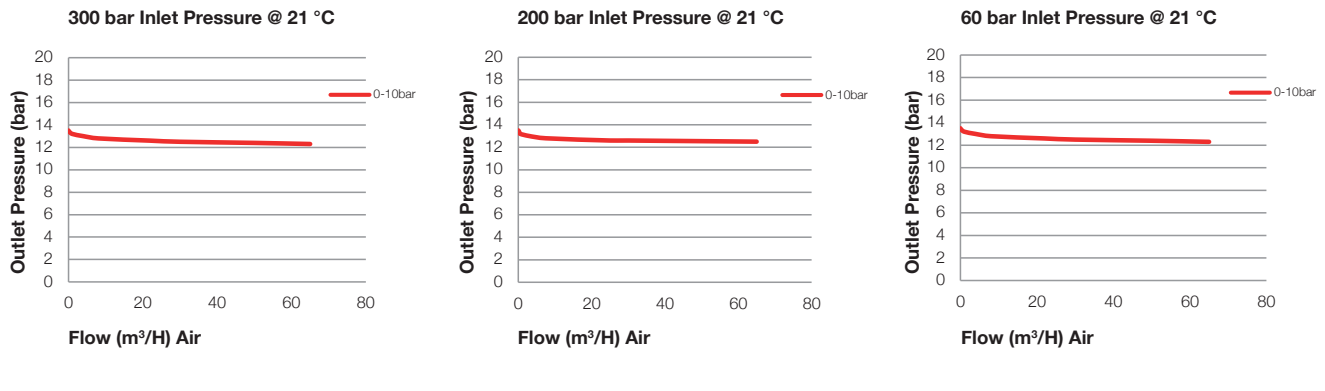
Body	Brass Barstock
Bonnet	Plated Brass
Diaphragm	316L Stainless Steel
Valve Seat	Polyamide (Nylon®)
Bonnet Seal	PTFE
Filter	10 Micron 316L Stainless Steel

SPECIFICATION

Maximum Inlet Pressure	15 bar (220 PSI) 60 bar (870 PSI) 300 bar (4350 PSI) *
Delivery Pressure Range	10 bar (150 PSI) Minimum
Gauges	50mm (2") Diameter
Ports	1/4" NPT Female
Temperature Range	-20° C to +60° C (-4° F to +140° F)
Weight	8.0 kg (17.46 lbs) ****

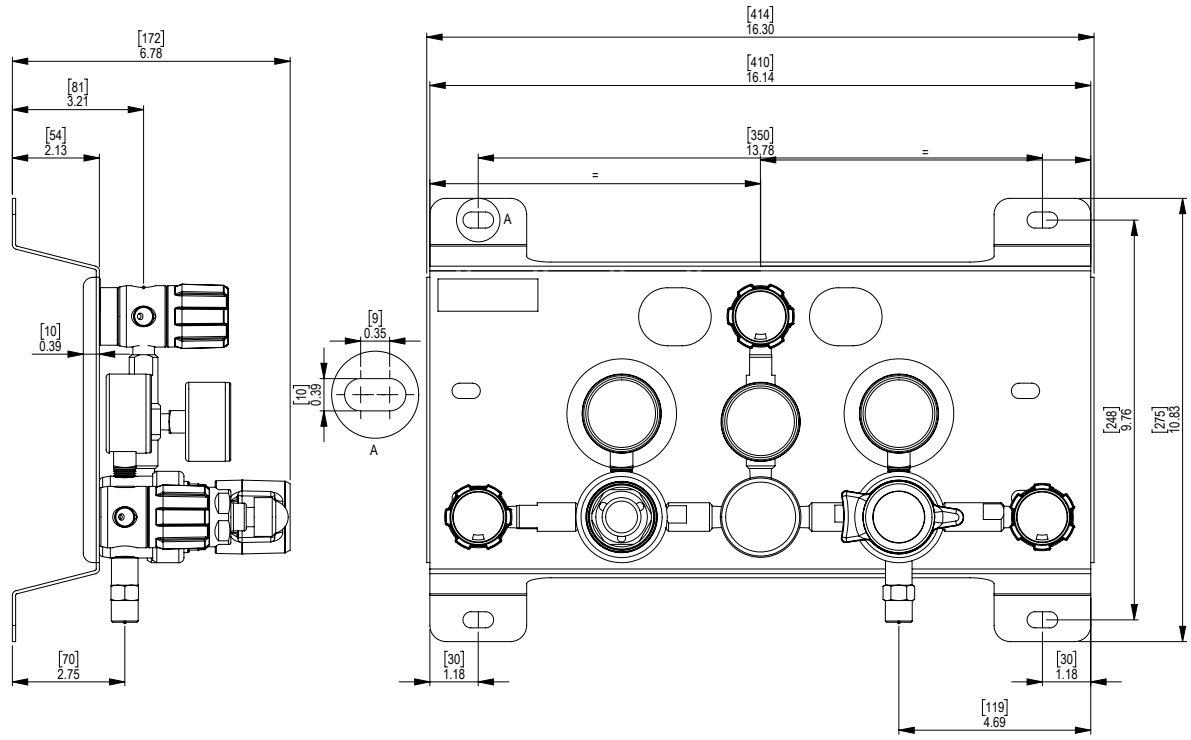
** Subject to cylinder connection – **** Subject to final configuration*

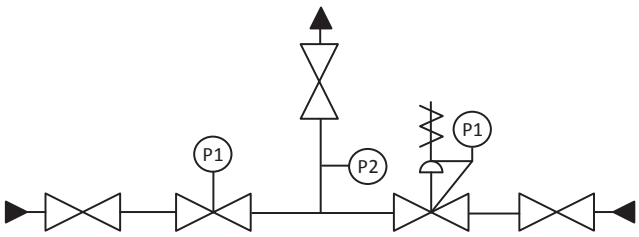
FLOW PERFORMANCE

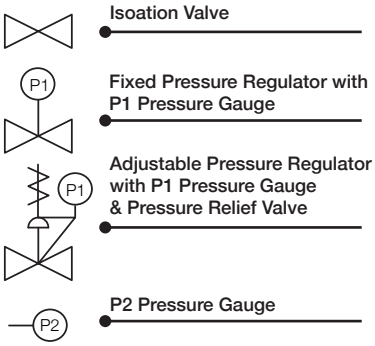


We do everything we can to ensure that the technical information within this document is correct at time of publishing, however content may be changed without notice.

DRAWINGS







MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPD4030 Series

GPD4031- 02- 05- 00- 00- 000- 00- A

Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
GPD4031	**02** 60 [870]	**05** 10 [150] min	**00** No Gauge Fitted	**00** No Gauge Fitted	**000** 1/4 NPT Female	**00** 1/4 NPT Female	**A** No Options Selected
GPD4032	**04** 300 [4350]		**01** bar/PSI	**01** bar/PSI	**001** 1/8 Stainless Steel Compression	**01** 1/8 Stainless Steel Compression	**K** Certificate of Conformity
			02 bar/PSI Contact Gauge		**002** 1/4 Stainless Steel Compression	**02** 1/4 Stainless Steel Compression	**M** CO2 Burst Disc
					003 6mm Stainless Steel Compression	**03** 6mm Stainless Steel Compression	**P** Calibration/ Pressure Test Certificate
					004 1/4 NPT Male	**04** 1/4 NPT Male	**T** Fitted High Pressure Purge Facility, FKM Seal
					007 G3/8 BSP R/H Brass Male	**06** 1/2 BSP R/H, Brass, Male	**U** Fitted High Pressure Purge Facility, EPDM Seal
					008 G3/8 BSP L/H Brass Male	**07** G3/8 BSP R/H, Brass, Male	**X** Special Instruction
						08 G3/8 BSP L/H, Brass, Male	

GCE® Gas Control Equipment

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