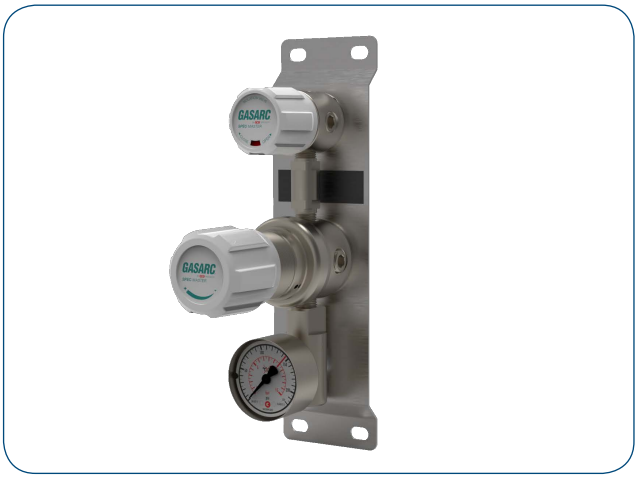
Gas Control Equipment

Spec Master HPC6000 Series

6.0 Purity Nickel Plated Brass Barstock Diaphragm

In-Line Outlet Point



The Spec Master HPC6000 Series diaphragm in-line outlet points are designed for secondary pressure gas control of corrosive, toxic and high purity gases up to grade 6.0 purity (99.9999%), on gas distribution systems.

- **HPC6001** Series | Wall Mounting Diaphragm In-Line Outlet Point, FKM Seal
- **HPC6002** Series | Wall Mounting Diaphragm In-Line Outlet Point, EPDM Seal

FEATURES

- Isolation Valve
- Non-return Valve
- Encapsulated seat design
- Full range of inlet and outlet fittings
- Wall mounting

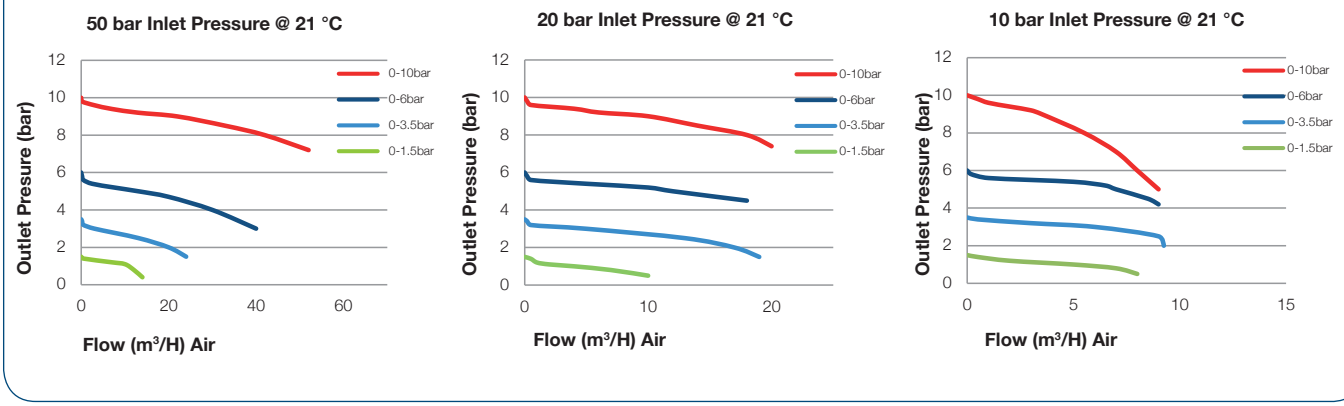
MATERIAL

Body	Nickel Plated Brass Barstock
Bonnet	Nickel Plated Brass Barstock
Diaphragm	316L Stainless Steel
Valve Seat	PCTFE
Bonnet Seal	PTFE
Seal Option	FKM / EPDM
Filter	10 Micron 316L Stainless Steel

SPECIFICATION

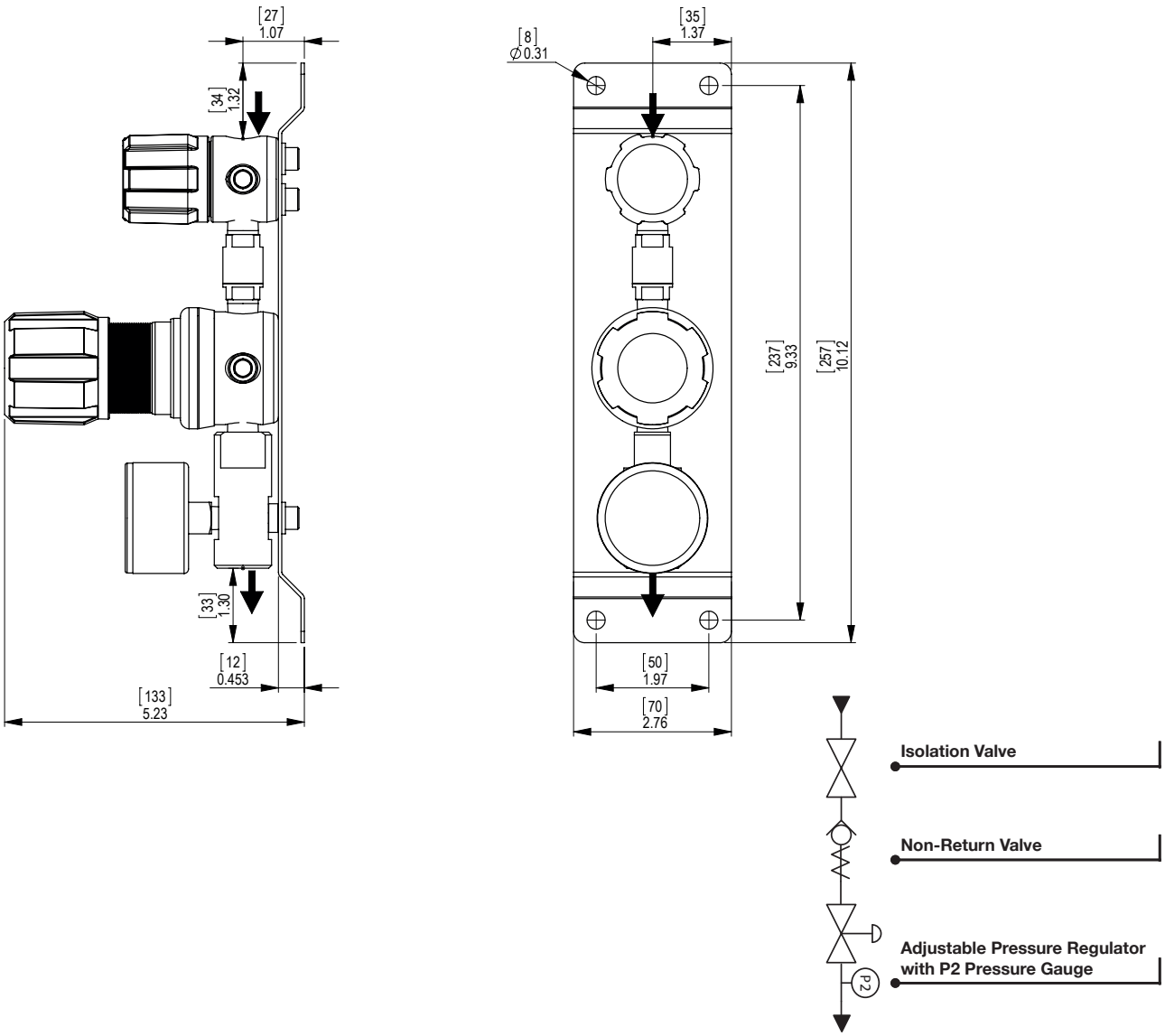
Maximum Inlet Pressure	207 bar (3000 PSI)
Delivery Pressure Range	1.5 bar (22 PSI)
	3.5 bar (50 PSI)
	6 bar (90 PSI)
	10 bar (150 PSI)
Gauges	50mm (2") Diameter
Ports	1/4" NPT Female
Temperature Range	-20° C to +60° C (-4° F to +140° F)
Helium Leak Integrity	$1x10^{-9}$ mbar l/s
Weight	2.05 kg (5.52 lb)

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 HPC6000 Series

HPC6001- 03- 02- 00- 00- 001- 01- A

Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
HPC6001	**03** 207 bar [3000]	**02** 0 to 1.5 [22]	**00** No Gauge Fitted	**00** No Gauge Fitted	**000** 1/4 NPT Female	**00** 1/4 NPT Female	**A** No Options Selected
HPC6002		**03** 0 to 3.5 [50]		**01** bar/PSI	**001** 1/8 Stainless Steel Compression	**01** 1/8 Stainless Steel Compression	**F** Bonnet Vent Capture Kit
		04 0 to 6 [90]			**002** 1/4 Stainless Steel Compression	**02** 1/4 Stainless Steel Compression	**G** Helium Test Certificate
		05 0 to 10 [150]			**003** 6mm Stainless Steel Compression	**03** 6mm Stainless Steel Compression	**K** Certificate of Conformity (CoC)
					004 1/4 NPT Male	**04** 1/4 NPT Male	**P** Calibration / Pressure Test Certificate
					007 G3/8 BSP R/H Brass Male	**07** G3/8 BSP R/H Brass Male	**X** Special Instruction
					008 G3/8 BSP L/H Brass Male	**08** G3/8 BSP L/H Brass Male	

Gas Control Equipment

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