



Chem Master SGC6000 Series

6.0 Purity Stainless Steel Diaphragm In-Line Outlet Point



The Chem Master SGC6000 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.

- **SGC6001** Series | Single Stage Wall Mounting Diaphragm In-Line Outlet Point, FKM Seal
- **SGC6002** Series | Single Stage 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

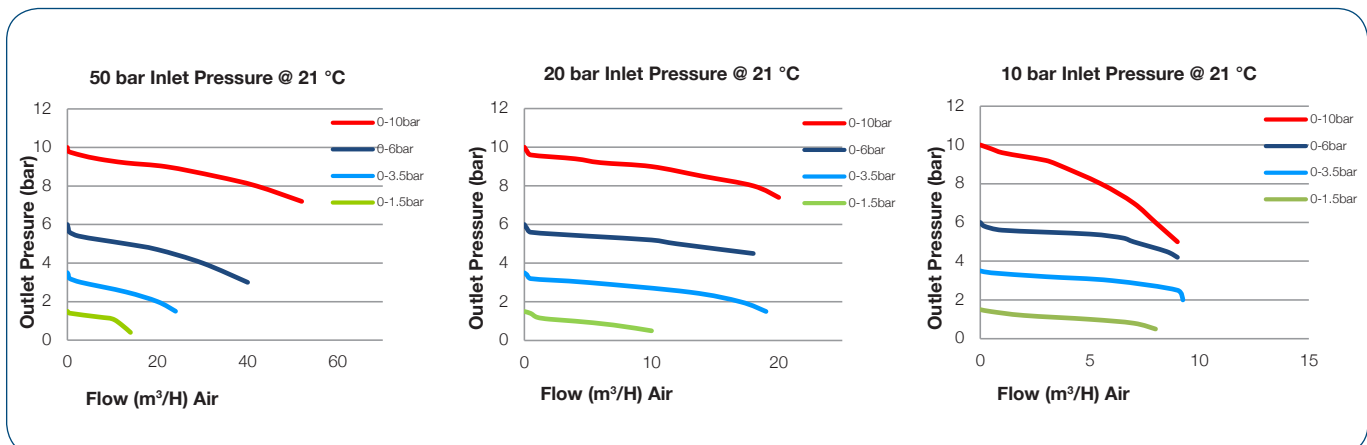
■ Body	316L Stainless Steel
■ Bonnet	Nickel Plated Brass Barstock
■ Diaphragm	316L Stainless Steel
■ Valve Seat	PCTFE
■ Bonnet Seal	PTFE
■ Seal Option	FKM / EPDM
■ Filter	10 Micron 316L Stainless Steel

*** Nace and 3.1 material certificates available on request, Please contact the sales office for further information.

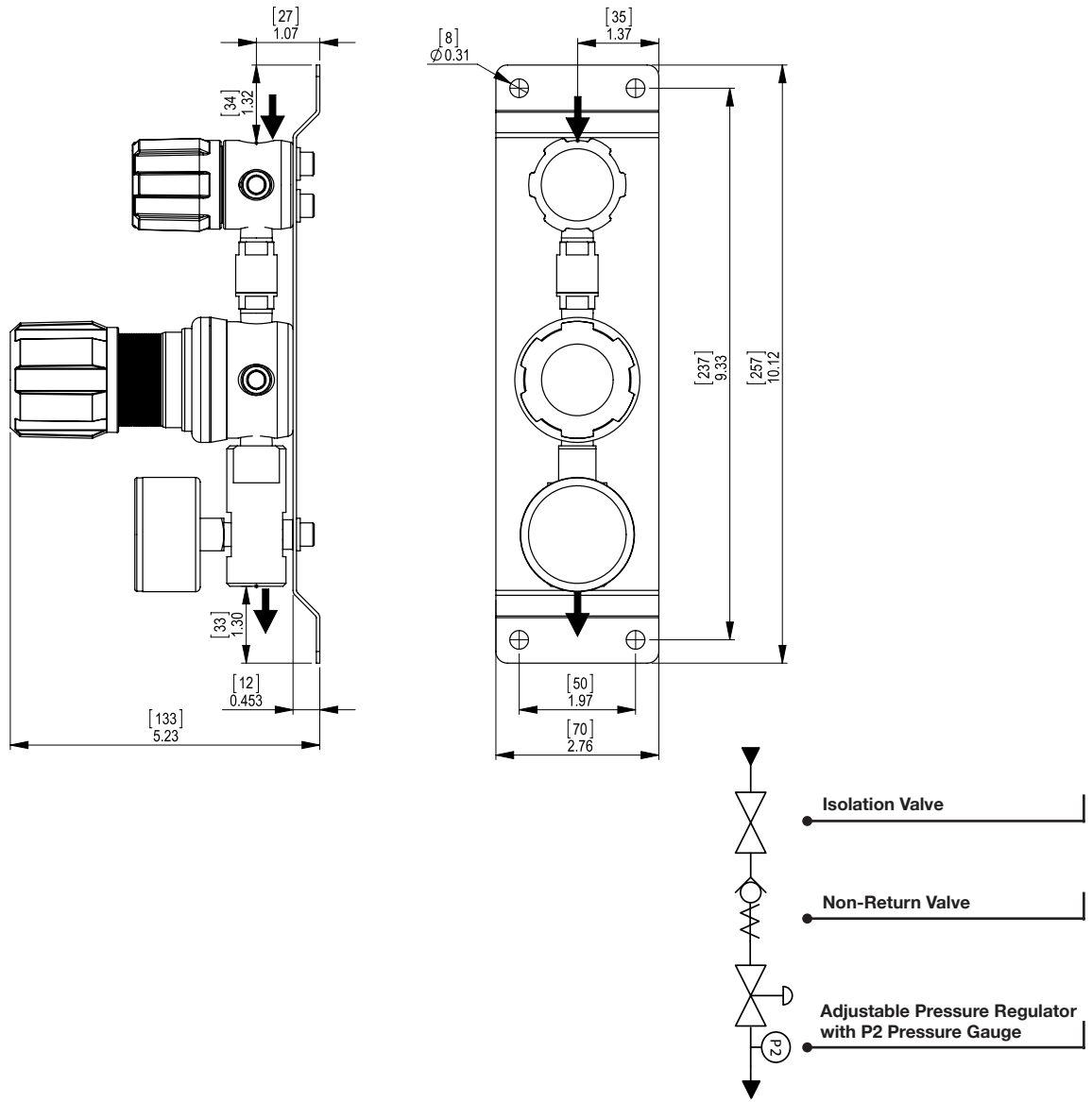
👍 SPECIFICATION

■ Maximum Inlet Pressure	207 bar (4350 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
■ Helium Leak Integrity	1x10 ⁻⁹ mbar l/s
■ Weight	2.05 kg (5.52 lb)

✓ FLOW PERFORMANCE



DRAWINGS



MODEL NO. SELECTOR GUIDE

Example for a Model No. for SGC6000 Series

Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
SGC6001	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
SGC6002		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	H 3.1 Material Certificate ***
					004 1/4 NPT Male	04 1/4 NPT Male	J NACE Certificate ***
							K Certificate of Conformity (CoC)
							L Panel Mount Locking Nut Kit
							P Calibration / Pressure Test Certificate
							X Special Instruction