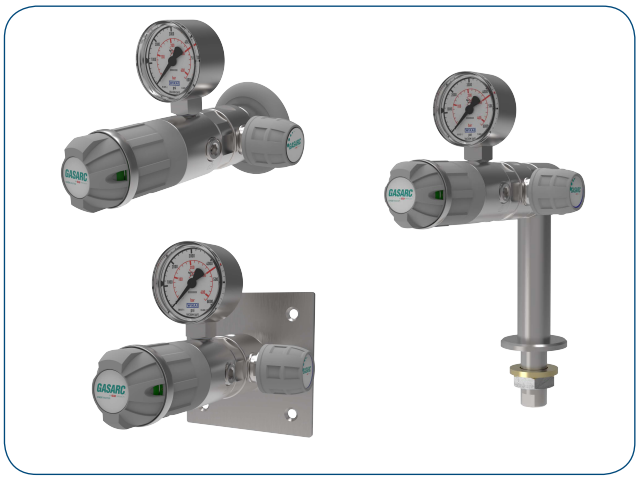
Outlet Point

Chem Master SGU63 Series

6.0 Purity Stainless Steel Outlet Point



The Chem Master SGU63 Series diaphragm 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 at the point of user control.

- **SGU6301** Series | Wall Mounting, 1/4 NPT Female Inlet, FKM Seal
- **SGU6302** Series | Wall Mounting, 1/4 NPT Female Inlet, EPDM Seal
- **SGU6311** Series | Bench Mounting, 1/4 NPT Female Inlet, FKM Seal
- **SGU6312** Series | Bench Mounting, 1/4 NPT Female Inlet, EPDM Seal
- **SGU6321** Series | Rear Mounting 1/4 NPT Female Inlet, FKM Seal
- **SGU6322** Series | Rear Mounting 1/4 NPT Female Inlet, EPDM Seal

FEATURES

- **Ergonomic compact design**
- **Range of wall and bench mounting options**
- **Fully interchangeable within existing installations**
- **Pressure regulator with integrated shut-off function on both the inlet and the outlet**

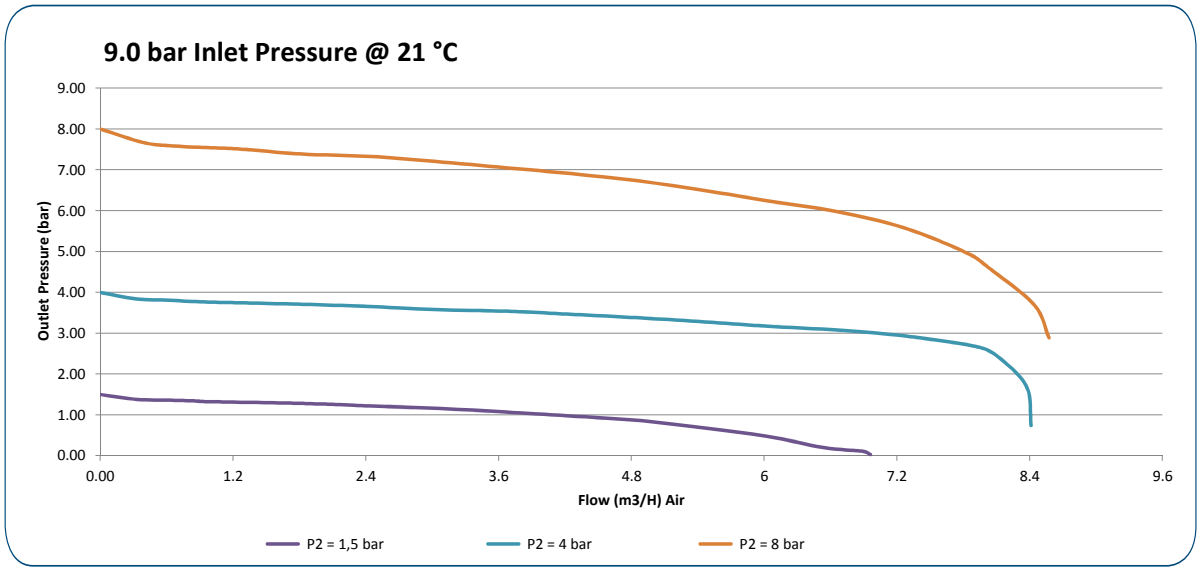
MATERIAL

Body	Stainless Steel
Diaphragm	Hastelloy C
Shut-off Valve Seat	PCTFE
Seat	FKM / EPDM
Filter	316L Stainless Steel
Regulator Seal	PCTFE

SPECIFICATION

Maximum Inlet Pressure	40 bar (580 PSI)
Delivery Pressure Range	1.5 bar (22 PSI) 6 bar (90 PSI) 10 bar (150 PSI)
Inlet Ports	1/4" NPT Female
Outlet Ports	1/4" NPT Female
Temperature Range	-25° C to +70° C (-13° F to +160° F)
Weight	0.64 kg maximum

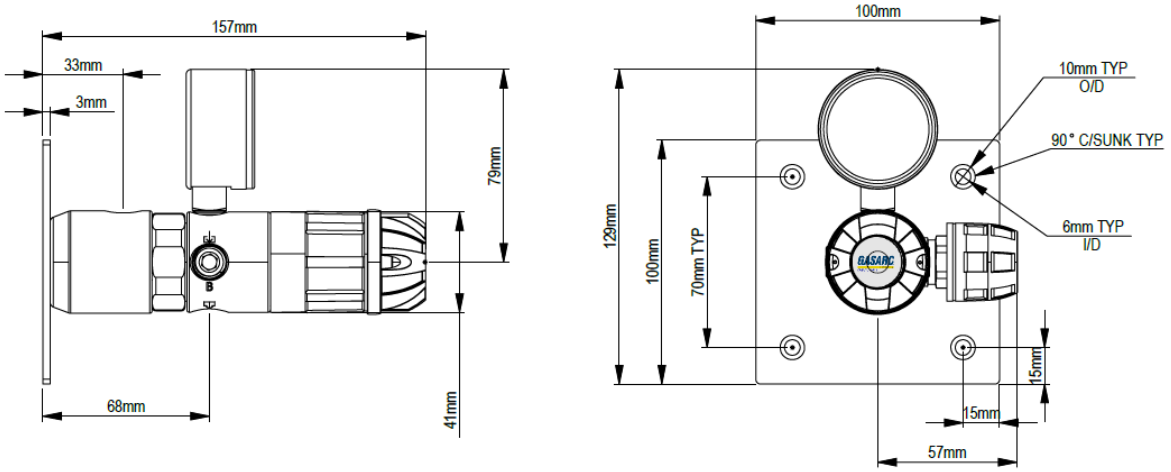
FLOW PERFORMANCE



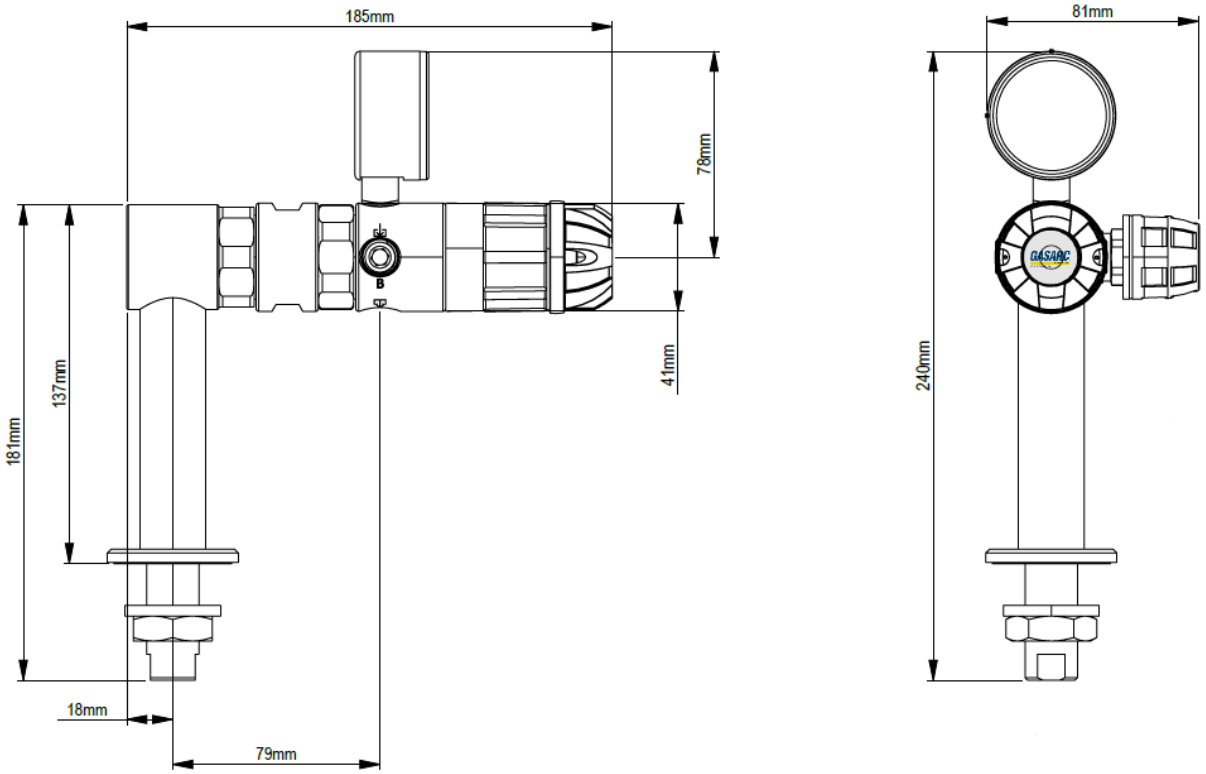
We do everything we can to ensure that the technical information within this document is correct at time of publishing, however content may be changed without notice.

DRAWINGS

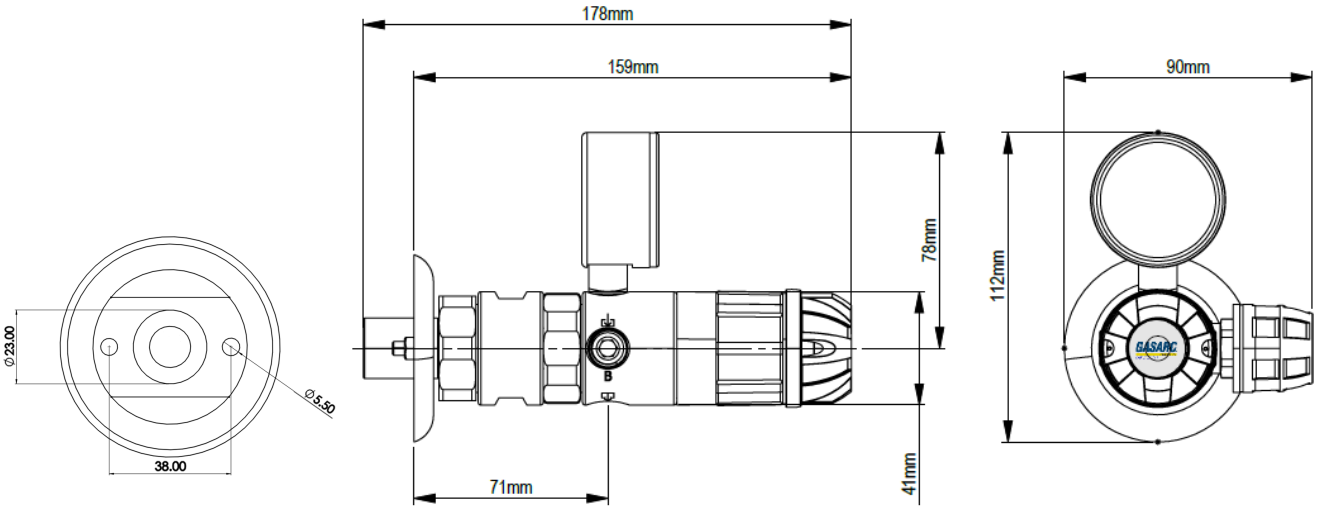
Outlet Point – Shut Off Valve & Wall Mount – SGU6301/SGU6302



Outlet Point – Shut Off Valve & Bench Mount – SGU6311/SGU6312



Outlet Point – Shut Off Valve & Rear Mount – SGU6321/SGU6322



MODEL NO. SELECTOR GUIDE

Example for a Model No. for SGU63 Series

SGU6301	08-	02-	000-	00-	00-	A

Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure bar [PSI]	Inlet Connection	Outlet Connection	Gas Identification Label	Options
SGU6301	**08** 40 bar [580]	**02** 0 to 1.5 [22]	**000** 1/4 NPT Female	**00** 1/4 NPT Female	**00** No gas label supplied	**A** No Options Selected
SGU6302		**04** 0 to 6 [90]			**01** Natural Gas (G)	**G** Helium Test Certificate
SGU6311		**05** 0 to 10 [150]			**02** Propane / Butane	**K** Certificate of Conformity (CoC)
SGU6312					**03** Methane (CH4)	**P** Calibration / Pressure Test Certificate
SGU6321					**04** Propane (C3H8)	
SGU6322					**05** Butane (C4H10)	
					06 Ethane (C2H4)	
					07 Propene (C3H6)	
					08 Butene (C4H8)	
					10 Argon / Methane (Ar / CH4)	
					11 Hydrogen / Nitrogen (H2 / N2)	
					12 Hydrogen (H2)	
					14 Hydrogen / Helium (H2 / He)	
					15 Deuterium (D2)	
					16 Nitrogen (N2)	
					17 Dinitrogen Monoxide (N2O)	
					18 Synthetic Air 80/20 (SA)	
					19 Compressed Air (CA)	
					20 Oxygen (O2)	
					21 Carbon Dioxide (CO2)	
					22 Regulated Air (RA)	
					23 Breathing Air (BA)	
					24 Carbogen (CO2 / O2)	
					25 Krypton (Kr)	
					26 Xenon (Xe)	
					27 Neon (Ne)	
					28 Argon (Ar)	
					29 Helium (He)	
					30 Ammonia (NH3)	
					31 Nitrogen Dioxide (NO2)	
					32 Nitric Oxide (NO)	
					33 Hydrogen Sulphide (H2S)	
					34 Arsine (AsH3)	
					35 Phosphine (PH3)	
					36 Hydrogen Chloride (HCL)	
					37 Sulphur Dioxide (SO2)	
					38 Carbon Monoxide (CO)	
					39 Phosgene (COCI2)	
					40 Chlorine (CL2)	

GCE® Gas Control Equipment

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