

412 Series High Purity Regulator



DCG's line of Regulators have proven to be efficient and made of quality materials to minimize any leaks..

The 412 Series Regulator is a dual stage, brass barstock body with a 6 support configuration and a 316L stainless steel diaphragm. It can be front panel mounted or rear panel mounted

Materials of Construction

BODY: Brass barstock

BONNET: Brass barstock

SEAT: PTFE or PCTFE with 4500 PSIG inlet option

FILTER: 10 Micron sintered bronze

DIAPHRAGM: 316L Stainless Steel

INTERNAL SEALS: PTFE

Enjoying the quality of DCG's products is just one of many services DCG has to offer. The 412 series High Purity Regulator is ready when you are. Call DCG Customer Service when you are ready to enjoy the benefits DCG products have to offer

DCG's wide variety of regulators are now available to customers worldwide in a variety of materials and at very competitive pricing.

SPECIFICATIONS:

Maximum inlet Pressures:
3000 PSIG (210 BAR)
4500 PSIG (300 BAR) optional

Temperature range:-40°F to 140°F
(-40°C to 60°C)

Gauges: 2" diameter Brass

Ports: ¼" FPT

Helium leak integrity: 1×10^{-9} scc/sec

DCG Spec-Brief™
 Consult the following
 Spec's for related
 Applications:

SB-108 Instructions for
 Attachment of Constant
 Volume Cylinder to Gas
 Chromatograph
SB-132 CGA Fittings



**DCG Partnership 1,
 Ltd.**

4170A S. Main St. Pearland, TX
 77581

281-648-1894, Option 1

www.dcgpartnership.com

Related Options:

Panel Mount Kit (500-0002)

Captured Vent Kit (500-0001)

Helium Leak Certification (476-0002)

412	A		B	C	D	<Inlet>	Options
Series 412	Outlet Pressure	Outlet Gauge	Inlet Gauge	Outlet Assemblies	Assembly/ Gauges	Inlet Connection	Installed Options
	1: 0-15 2: 0-50 3: 0-100 4: 0-250 5: 0-150	30"-0-30 PSIG 30"-0-100 PSIG 30"-0-200 PSIG 0-400 PSIG 30"-0-200 PSIG	0: None 3: 0-4000 PSIG 5: 0-1000 PSIG 6: 0-300 PSIG 7: 0-400 PSIG 8: 0-6000 PSIG	0: 1/4" FPT Port 1: 1/4" MPT 2: 1/4" Tube fitting 3: Diaphragm Valve 1/4" 4: Diaphragm Valve 1/4" MPT 5: Needle Valve 1/4" MPT 6: 1/8" Tube fitting 7: 3/8" Tube fitting 8: Diaphragm Valve 1/4" Tube Fitting 9: 3/8" Tube fitting A: 3/8" BSP Right Hand Fitting M: 6mm tube Fitting S: Diaphragm Valve 6 mm Fitting	0: Bare Body 1: Standard Assembly (PSIG/kPA Gauges) 2: Standard Assembly (Bar/PSIG Gauges) 4: Clean room Assembly (PSIG/kPA Gauges) 5: Clean room Assembly (Bar/PSIG Gauges)	00: 1/4" FPT TF2: 1/8" Tube TF4: 1/4" Tube TF6: 3/8" Tube M06: 6 mm Tube CGA DIN 477 BS341 and others available	A: Protocol Alarm Station (110V) B: Protocol Alarm Station (220V) C: Protocol Switchover Station D: Deep Purge G: Protocol Switchover Station with Alarm (110V) H: Protocol Switchover Station with Alarm (220V) M: Protocol Station
	*Not available with 4500 PSIG maximum inlet pressure		*Maximum inlet pressure 4500 PSIG (300 Bar) with PCTFE seat capsule)				

The above information was provided to DCG by the product manufacturer. DCG makes no additional warranties or representations