

## 492 Series Ultra-High Pressure Regulator

The 492 Series Ultra-High Pressure Single Stage Piston-Sensed Regulators are intended for primary pressure control of non-corrosive gases at a maximum inlet pressure of 6000 PSIG.

### Specifications:

Maximum inlet pressure: 6000 PSIG (420 BAR)  
Temperature range: -40°F to 140°F (-40°C to 60°C)  
Gauges: 2 ½" diameter chrome-plated Brass  
Ports: ¼" FNPT  
Weight: 5.59 lbs. (2.54 kg)



Contact a DCG

**Technical Specialist for more  
information regarding this  
product.**

**Call Today!**

**281-648-1894, Option 1**

### Materials of Construction:

Body: Chrome-plated Brass barstock  
Bonnet: Chrome-plated Brass barstock  
Seat:  
    PTFE (3000 PSIG 4500 PSIG  
        inlet option)  
    Arlon® with 6000 PSIG inlet  
Filter: 10 micron sintered bronze  
Piston: Brass Barstock,  
Viton® Internal seals:

### Related Options

Panel Mount Kit (830-6483)

The materials of construction for the body of the 492 regulator, is a chrome plated brass barstock. The Arlon® (PEEK) with 6000 PSIG inlet and piston of a brass barstock. The filter of the 492 Regulator is a 10 micron sintered bronze and the internal seals Viton®. DCG quality material regulators give a high degree of accuracy and control.

### Advanced Features:

Chrome-plated brass barstock body  
Smooth surface finish  
Front and rear panel-mountable versatile system configuration  
Pressure ranges 0-750 to 0-6000 PSIG  
Broad range of applications  
Six-port design  
Flexible installation alternatives

Viton® is a registered trademark of E.I. Du Pont de Nemours & Co  
Arlon® is a registered trademark of Greene, Tweed & Co

*DCG Spec-Brief™*  
 Consult the following Spec's  
 for related Applications:  
**SB-101 Natural Gas Liquids**  
**SB-102 Constant Pressure**  
**Cylinders**  
**SB-107 Instructions for**  
**Attachment of CPC to a Gas**  
**Chromatograph.**  
**SB-120 1400 Series High Pressure**  
**Regulator**  
**SB-132 CGA Fittings**



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**281-648-1894, Option 1**

[www.dcgpartnership.com](http://www.dcgpartnership.com)

492	A		B		C	D	Inlet	Options
Series 492	Outlet Pressure	Outlet Gauge	Inlet Maximum	Inlet Gauge	Other Assemblies	Assembly/ Gauges	Inlet Connections	Installed Options
	1: 0-750	0-1000 PSIG	0: 6000 PSIG	None	0: 1/4" FPT Port	0: Bare Body*	CGA	A: Protocol Alarm Station (110V)
	2: 0-1500	0-4000 PSIG	3: 3000 PSIG	0-4000 PSIG	1: 1/4" MPT	1: Standard Assembly (PSIG/kPA Gauges)	DIN 477	B. Protocol Alarm Station (220V)
	3: 0-2500	0-4000 PSIG	8: 5500 PSIG	0-6000 PSIG	2: 1/4" Tube	2. Standard Assembly (BAR/PSIG Gauges)	BS 341 and others available	C Protocol Swithcover Station
	4: 0-4500*	0-6000 PSIG	9: 6000 PSIG	0-10000 PSIG	5. Needle Valve			G. Protocol Switchcover Station with Alarm (110V)
	5: 0-6000^	0-10000 PSIG			1/4" MPT			H. Protocol Switchcover Station with Alarm (220V)
	6: 0-3500*	0-6000 PSIG			6. 1/8" Tube Fitting			M. Protocol Station
					7. 1/8" Tube			
					M: 6 mm			
						*6000 PSIG Maximum Inlet Only		