

# 492 Series Regulator



## Single Stage Piston-sensed Ultra-High Pressure Chrome-Plated Brass Barstock Body

The 492 Series regulators are intended for primary pressure control of non-corrosive gases at a maximum inlet of 6000 psig. Typical applications include Chemical manufacturing and Aerospace hydraulic systems.



### Typical Applications

- Airplane strut charging
- Research and development laboratories
- Pharmaceutical manufacturing
- Gauge calibration

### Features

- Chrome-plated brass barstock body and smooth surface finish
- Capsule® seat for increased serviceability and life
- Field adjustable pressure limit
- Six-port design
- Piston sensor to safely control pressures to 6000 psig

### Materials of Construction

Body	Chrome-plated brass barstock
Bonnet	Chrome-plated brass barstock
Piston	Brass barstock
Seat	PCTFE Teflon® (3000 & 4500 psig inlet) Arlon® (PEEK) (6000 psig inlet)
Seals	Viton®
Filter	10 micron sintered bronze

### Specifications

Maximum Inlet Pressure	Outlet Pressure	Outlet Gauge
6000 psig (420 bar)	0-750 psig	0-1000 psig
	0-1500 psig	0-4000 psig
	0-2500 psig	0-4000 psig
	0-3500* psig	0-6000 psig
	0-4500* psig	0-6000 psig
	0-6000† psig	0-10 000 psig

Ports: 1/4" FNPT  
 Operating Temperature Range: -40 to 60°C  
 Helium Leak Rate: 1 X 10<sup>-9</sup> scc/sec  
 C<sub>v</sub>: 0.1  
 Weight: 2.54 kg (5.59 lbs)

\*Not available with 4500 psig maximum inlet pressure  
 †Only available with 6000 psig maximum inlet pressure

