

# 202 Series Regulator



## Single Stage Chrome-Plated Forged Brass Body Five-Port Configuration 316L Stainless Steel Diaphragm



The 202 Series regulators are intended for primary pressure control of non-corrosive, high purity or liquefied gases (up to grade 4.5) in applications where minor fluctuations in outlet pressure due to diminishing inlet supply pressure can be tolerated. Typical applications include gas supply purging and gas system charging.

### Typical Applications

- Atomic absorption acetylene
- Gas system charging
- Fuel gas supply control
- Calibration gas control

### Features

- Capsule® seat for increased serviceability and life
- High flow capacity
- Forged body for durability and lasting construction
- Convuluted SS diaphragm for smooth pressure changes

### Materials of Construction

Body	Chrome-plated forged brass
Bonnet	Chrome-plated die cast zinc
Diaphragm	316L stainless steel
Seat	PTFE Teflon®
	PTFE with 4500 psig inlet option
Seals	PTFE Teflon®
Filter	10 micron sintered bronze

### Specifications

Maximum Inlet Pressure	Outlet Pressure	Outlet Gauge
3000 psig (210 bar)	0-15* psig	0-30 psig
4500 psig (310 bar) optional	0-40 psig	0-60 psig
	0-120 psig	0-200 psig
	0-200 psig	0-400 psig
	0-15* psig	0-30 psig with redline for acetylene use

Ports: 1/4" FNPT  
Operating Temperature Range: -40 to 60°C  
Helium Leak Rate: 1 X 10<sup>-8</sup> scc/sec  
C<sub>v</sub>: 0.2  
Weight: 1.75 kg (3.8 lbs)

CRN Registry: CRN OH 5216.5C

\*Not available with 4500 psig maximum inlet pressure

