

212 Series Regulator



Dual Stage Chrome-Plated Five-Port Configuration 316L Stainless Steel Diaphragm



The 212 Series regulators are intended for primary pressure control of non-corrosive, high purity or liquefied gases (up to grade 4.5) for applications requiring constant pressure control and delivery regardless of supply pressure variations. The 212 series regulators are ideal for controlling pressure of non-corrosive, high purity or liquefied gases. Typical applications include liquefied hydrocarbons and cryogenic gases.

Typical Applications

- Gas supply purging
- Gas system charging
- Fuel gas supply control
- Calibration gas control

Materials of Construction

Body	Chrome-plated brass barstock
Bonnet	Chrome-plated die cast zinc
Diaphragm	316L stainless steel
Seat	PTFE Teflon®
Seals	PTFE Teflon®
Filter	10 micron sintered bronze

Features

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

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 <i>with redline for acetylene use</i>

Ports: 1/4" FNPT
 Operating Temperature Range: -40 to 60°C
 Helium Leak Rate: 1 X 10⁻⁸ scc/sec
 C_v: 0.28
 Weight: 2.3 kg (5.1 lbs)

CRN Registry: CRN OH 5216.5C

