

212 Series

Dual Stage Brass Bodied Scientific Regulator



- Pressure ranges of 0-15 to 0-200 PSI are available to cater for a broad range of applications
- Forged body design
- Large diaphragm design
- High flow capacity
- Capsule seat design for greater serviceability and life
- 316L stainless steel diaphragm

The 212 Series regulators are intended for primary pressure control of non-corrosive, high purity or liquefied gases for applications requiring constant pressure control and delivery regardless of supply pressure variations.

Specifications:

Max. Inlet Pressure: 3000 PSI (210 BAR)

Gauges: 2-1/2" diameter brass (chrome plated)

Temperature Range: -40° C to 60° C

Body Ports: 1/4" NPT(F)

Helium Leak Integrity: 1 x 10⁻⁸ scc/sec

Cv: 0.28

Weight: 2.3 kg

Materials:

Body: Chrome plated forged brass

Bonnet: Chrome plated diecast zinc

Seat: PTFE

Filter: 10 micron sintered bronze

Diaphragm: 316L stainless steel

Internal Seals: PTFE

ORDERING INFORMATION

S212 - XXX - XXX - XXX - XX

Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
S212	15 (0-15 psi)	T10 (AS2473 Type 10)	4F (1/4" NPT Female)	
	15 (0-15 psi) acetylene	T20 (AS2473 Type 20)	2S (1/8" Tube)	
	40 (0-40 psi)	T30 (AS2473 Type 30)	4S (1/4" Tube)	
	120 (0-120 psi)	T50 (AS2473 Type 50)	8S (1/2" Tube)	
	200 (0-200 psi)	T60 (AS2473 Type 60)	2B (1/8" Hose Barb)	
		350 (CGA350)	4B (1/4" Hose Barb)	
		540 (CGA540)	FA (Fine adjust valve)	
		580 (CGA580)	4M (1/4" NPT Male)	
		4F (1/4" NPT Female)	DK (1/4" Diaphragm valve)	
		Others refer inlet fitting chart	Others refer outlet fitting chart	

Flow and Basic Dimensions

