

408 Series

Single Stage Anodized Aluminium Bodied Scientific Regulator



The 408 Series regulators are intended for primary pressure control of mildly corrosive high purity gases such as ammonia, hydrogen sulphide and sulphur dioxide or for applications requiring the light weight of an aluminium body regulator.

- Pressure ranges of 0-15 to 0-500 PSI are available to cater for a broad range of applications
- Anodized aluminium body is cost effective corrosion resistance
- Versatility to configure the regulator with either front or rear panel mounting
- Metal-to-metal diaphragm seal prevents gas contamination
- Capsule seat design for greater serviceability and life
- 316L stainless steel diaphragm
- Special versions for ammonia and sulphur dioxide

Specifications:

Max. Inlet Pressure: 3000 PSI (210 BAR)

Gauges: 2" diameter stainless steel (chrome plated steel case)

Body Ports: 1/4" NPT(F)

Helium Leak Integrity: 1×10^{-9} scc/sec

Cv: 0.1

Weight: 1.2 kg

Materials:

Body: Anodized aluminium bar stock

Bonnet: Anodized aluminium bar stock

Seat: PTFE

Filter: 10 micron stainless steel multi-layer mesh

Diaphragm: 316L stainless steel

Internal Seals: PTFE

ORDERING INFORMATION

S408 - XXX - XXX - XXX

Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
S408	15 (0-15 psi)	T32 (AS2473 Type 32)	4F (1/4" NPT Female)	01 (Cross Purge)
	50 (0-50 psi)	T44 (AS2473 Type 44)	2S (1/8" Tube)	02 (Captured Vent)
	100 (0-100 psi)	T45 (AS2473 Type 45)	4S (1/4" Tube)	03 (Panel mount kit)
	150 (0-150 psi)	T50 (AS2473 Type 50)	8S (1/2" Tube)	04 (Wall mount bracket)
	250 (0-250 psi)	330 (CGA330)	2B (1/8" Hose Barb)	
	500 (0-500 psi)	350 (CGA350)	4B (1/4" Hose Barb)	
		660 (CGA660)	FA (Fine adjust valve)	
	Others refer inlet fitting chart	4M (1/4" NPT Male)		
		DK (1/4" Diaphragm valve)		
		Others see outlet fitting chart		

Flow and Basic Dimensions

