

493 Series Single Stage High Pressure, Stainless Steel Scientific Reg



The 493 Series regulators are intended for primary pressure control of non-corrosive gases, in a corrosive environment, at a maximum inlet pressure of 5500 PSI.

- Pressure ranges of 0-750 to 0-6000 PSI are available to cater for a broad range of applications
- 316L stainless steel bar stock body for a smoother surface finish
- Front and rear panel mountable for versatility of configurations
- Six port design allows for flexibility of installation alternatives
- Capsule seat design for greater serviceability and life
- Large piston sensor for safely control high pressures
- Leak test certificate

Specifications:

Max. Inlet Pressure: 5500 PSI (380 BAR)
6000 PSI option

Gauges: 2 1/2" diameter stainless steel

Temperature Range: -40° C to 60° C

Body Ports: 1/4" FPT

Helium Leak Integrity: 1 x 10⁻⁹ scc/sec ???

Cv: 0.1

Weight: 2.6 kg

Materials:

Body: 316L Stainless steel bar stock

Bonnet: 316L Stainless steel bar stock

Seat: PCTFE
(PEEK 6000 PSI not for oxygen)

Filter: 10 micron stainless steel multi-layer mesh

Piston: 316L Stainless steel

Internal Seals: Viton

ORDERING INFORMATION

493 - XXX - XXX - XXX - XX

Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
493	750 (0-750 psi)	T10 (AS2473 Type 10)	4F (1/4" NPT Female)	Inlet Purge
	1500 (0-1500 psi)	T11 (AS2473 Type 11)	4M (1/4" NPT Male)	Panel Mount Kit
	2500 (0-2500 psi)	T20 (AS2473 Type 20)	2S (1/8" Tube)	Wall Mount Bracket
	3500 (0-3500 psi)	T30 (AS2473 Type 30)	4S (1/4" Tube)	
	4500 (0-4500 psi)	T50 (AS2473 Type 50)	8S (1/2" Tube)	
	5500 (0-5500 psi)	T51 (AS2473 Type 51)	FA (Fine Adjust Valve)	
		T60 (AS2473 Type 60)	Others by description	
		4F (1/4" Female NPT)		
		4M (1/4" Male NPT)		
		Others by description		