

493 Series Single Stage High Pressure, Stainless Steel Scientific Regulator



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 0-5500 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)

Gauges: 2 ½" diameter stainless steel

Temperature Range: -40° C to 60° C

Body Ports: 1/4" NPT(F)

Cv: 0.1

Weight: 2.3 kg

Materials:

Body: 316L Stainless steel bar stock

Bonnet: 316L Stainless steel bar stock

Seat: PCTFE

Filter: 10 micron stainless steel multi-layer mesh

Piston: 316L Stainless steel

Internal Seals: Viton

ORDERING INFORMATION

S493 - XXX - XXX - XXX - XX

Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
S493	750 (0-750 psi)	T10 (AS2473 Type 10)	4F (1/4" NPT Female)	03 (Panel mount kit)
	1500 (0-1500 psi)	T11 (AS2473 Type 11)	4M (1/4" NPT Male)	04 (Wall mount bracket)
	2500 (0-2500 psi)	T20 (AS2473 Type 20)	2S (1/8" Tube)	
	3500 (0-3500 psi)	T30 (AS2473 Type 30)	4S (1/4" Tube)	
	4500 (0-4500 psi)	T50 (AS2473 Type 50)	8S (1/2" Tube)	
		T51 (AS2473 Type 51)	FA (Fine Adjust Valve)	
		T60 (AS2473 Type 60)	Others refer outlet fitting chart	
		T61 (AS2473 Type 61)		
		350 (CGA350)		
		580 (CGA580)		
		4F (1/4" Female NPT)		
		4M (1/4" Male NPT)		
		Others refer inlet fitting chart		

Flow and Basic Dimensions

