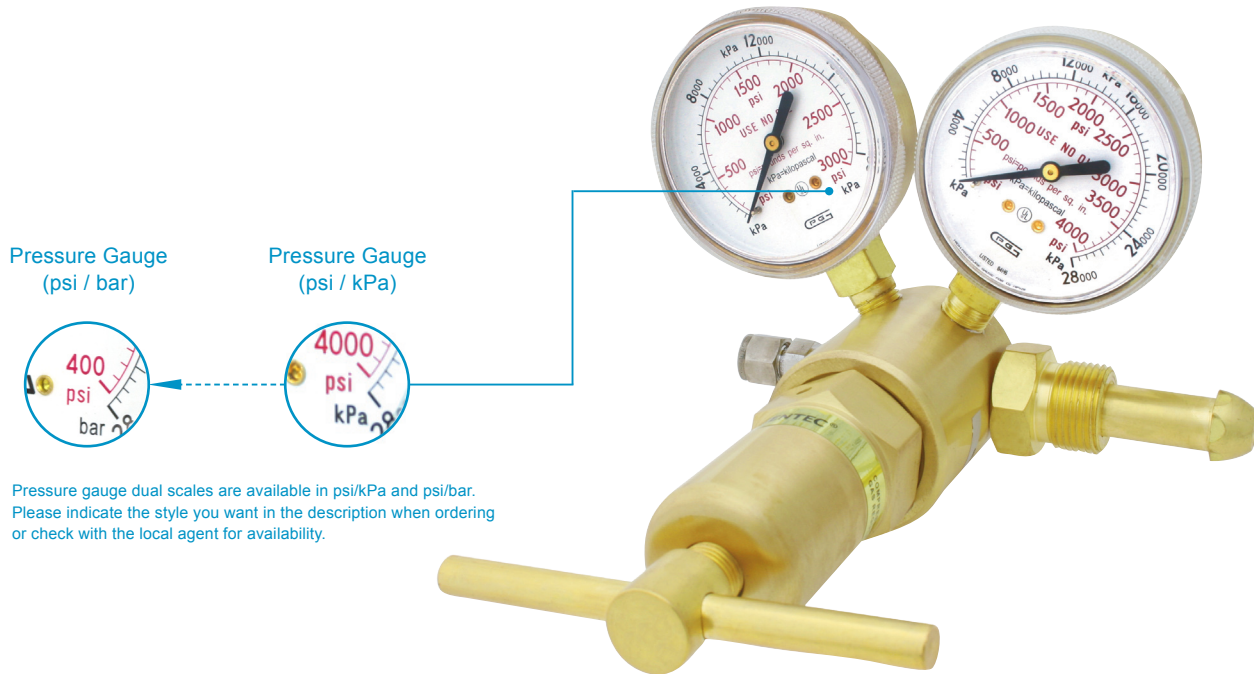


591 Series High Pressure Piston Regulators

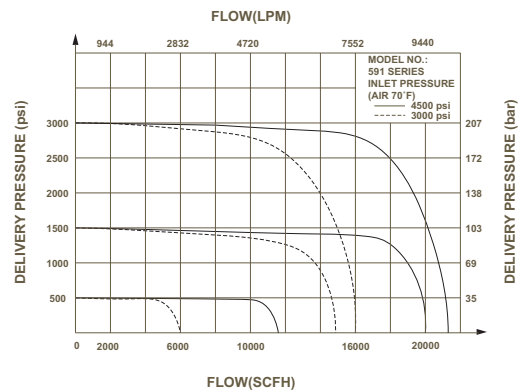
591 Series High Pressure Piston Regulators feature a reliable piston design for precise gas control at high inlet and delivery pressures rating up to 4500 psi. Like all GENTEC® quality products, the 591 Series provides superior performance and safety features.



Features

- Piston-type construction
- Body and housing cap are machined from class "A" brass
- Delrin-cap bushing for smooth adjustments
- Sintered bronze inlet filter
- 1/4" Stainless steel Compression-Tube Fitting (GENLOK™) Outlet
- 2-1/2" gauges
- Weight: 4 lbs (1.81 kg)
- Conforms to CGA E-4 standard for gas pressure regulators

Flow Chart



Model Number	Gas Service	Maximum Inlet Pressure	Maximum Delivery Pressure	Inlet Gauge	Outlet Gauge	Inlet Connection*	Outlet Connection
591X-750	OXYGEN	3000 psi (207 bar)	50~750 psi (3.5~52 bar)	2-1/2", 4000 psi (280 bar)	2-1/2", 1000 psi (67 bar)	BS3, G 5/8"-RH(M)	1/4" SS COMP. TUBE FITTING
591X-1500			100~1500 psi (7~103 bar)		2-1/2", 2000 psi (140 bar)		
591X-3000			200~3000 psi (14~207 bar)		2-1/2", 4000 psi (280 bar)		
591IN-750	INERT GAS (Ar, He, N ₂)	3000 psi (207 bar)	50~750 psi (3.5~52 bar)	2-1/2", 4000 psi (280 bar)	2-1/2", 1000 psi (67 bar)	BS8, G 0.860"-14RH(F)	1/4" SS COMP. TUBE FITTING
591IN-1500			100~1500 psi (7~103 bar)		2-1/2", 2000 psi (140 bar)		
591IN-3000			200~3000 psi (14~207 bar)		2-1/2", 4000 psi (280 bar)		
591H-750	HYDROGEN METHANE	3000 psi (207 bar)	50~750 psi (3.5~52 bar)	2-1/2", 4000 psi (280 bar)	2-1/2", 1000 psi (67 bar)	BS4, G 5/8"-LH(M)	1/4" SS COMP. TUBE FITTING
591H-1500			100~1500 psi (7~103 bar)		2-1/2", 2000 psi (140 bar)		
591H-3000			200~3000 psi (14~207 bar)		2-1/2", 4000 psi (280 bar)		

*Products can be ordered with German (DIN) connections . Please confirm when ordering.