

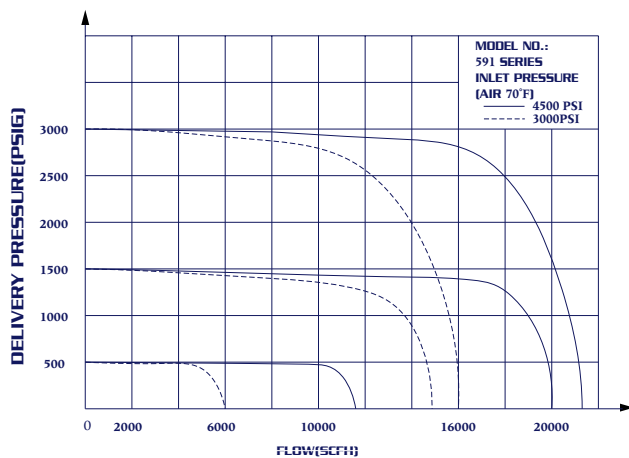
591 Series High Pressure Piston Regulators

Model 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 PSIG. Like all GENTEC® quality products, the 591 Series provides superior performance and safety 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
- Conforms to CGA E-4 standard for
- gas pressure regulators



591



Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
591X-750	OXYGEN	3000	50 - 750	2-1/2", 4000PSI	2-1/2", 1000PSI	CGA540	1/4" SS COMP. TUBE FITTING
591X-1500			100 - 1500		2-1/2", 2000PSI		
591X-3000			200 - 3000		2-1/2", 4000PSI		
591IN-750	INERT GAS (Ar, He, N ₂)	3000	50 - 750	2-1/2", 4000PSI	2-1/2", 1000PSI	CGA580	1/4" SS COMP. TUBE FITTING
591IN-1500			100 - 1500		2-1/2", 2000PSI		
591IN-3000			200 - 3000		2-1/2", 4000PSI		
591IN-1500-680	INERT GAS (Ar, He, N ₂)	5500	100 - 1500	2-1/2", 6000PSI	2-1/2", 2000PSI	CGA680	1/4" SS COMP. TUBE FITTING
591IN-3000-680			200 - 3000		2-1/2", 4000PSI		
591IN-4500-680			300 - 4500		2-1/2", 6000PSI		
591Q-1500	AIR	3000	100 - 1500	2-1/2", 4000PSI	2-1/2", 2000PSI	CGA346	1/4" SS COMP. TUBE FITTING
591Q-3000			200 - 3000		2-1/2", 4000PSI		
591Q-1500-347	AIR	5500	100 - 1500	2-1/2", 6000PSI	2-1/2", 2000PSI	CGA347	1/4" SS COMP. TUBE FITTING
591Q-3000-347			200 - 3000		2-1/2", 4000PSI		
591Q-4500-347			300 - 4500		2-1/2", 6000PSI		
591H-750	HYDROGEN METHANE	3000	50 - 750	2-1/2", 4000PSI	2-1/2", 1000PSI	CGA350	1/4" SS COMP. TUBE FITTING
591H-1500			100 - 1500		2-1/2", 2000PSI		
591H-3000			200 - 3000		2-1/2", 4000PSI		

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM