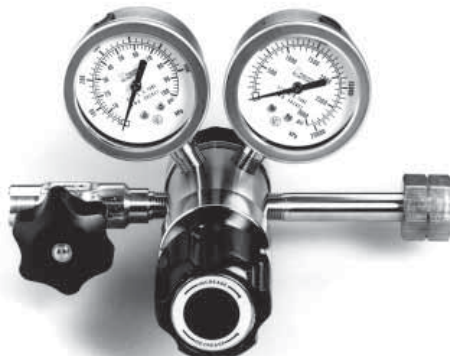


3550 Series

two stage, stainless steel regulator



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Description	Advanced Features	Typical Applications
The series 3550 two stage regulators are designed and constructed for use with reactive and corrosive gases and gas mixtures. Compact in design, these regulators provide outstanding performance, comparable to most larger diaphragm competitive models. The monel® diaphragms, inlet filter, poppets and nozzle assemblies installed in a 316L stainless steel body create an economical, high purity, corrosive gas regulator.	<ul style="list-style-type: none"> • Monel® internal parts and body for added corrosion resistance. • High purity diffusion resistant, metal diaphragm construction on both stages. • Diffusion resistant, stainless steel diaphragm packless control valve installed on outlet as standard. 	The 3550 Series regulators are ideal for critical pressure reduction applications involving higher pressure reactive and/or corrosive gases, where the precise control of pressure or flow is required. They are an excellent choice for use with gas mixtures of such components having a full cylinder pressure of 1000 psig or more.

Materials			Specifications
<i>Body</i> 316L stainless steel	<i>Seats</i> 1st stage - Tefzel 2nd stage - Tefzel	<i>Inlet Filter</i> Monel®	<i>Max. Inlet Pressure</i> 3000 psig
<i>Poppets</i> Monel®	<i>Diaphragms</i> Monel®	<i>Bonnet</i> chrome plated aluminum	<i>Operating Temp. Range</i> -40 ° to +185 °F
<i>Poppet spring</i> Inconel®	<i>Diaphragm Gaskets</i> Teflon®	<i>Gauges</i> stainless steel	<i>Flow Coefficient (Cv)</i> 0.07
		<i>Outlet Valve</i> stainless steel	<i>Inlet and Outlet</i> ¼" NPT female

Ordering Information * * *				Outlet Options	
Model Number	Del. Press. Range psig	Del. Press. Gauge psig	Inlet Press. Gauge psig		P/N Suffix
3551-25-CGA*	5-25	0-30	0-3000	No Outlet Valve	NV
3551-50-CGA*	5-50	0-100	0-3000	¼" Compression Fitting	T4F
3551-100-CGA*	10-100	0-200	0-3000	1/8" Compression Fitting	T2F
				¼" NPT Male	P4M
				¼" Hose Barb	4HB

*Specify CGA Connection Number when ordering.

***For panel mounting bonnet add "PM" to base number (i.e., 3461PM-50-CGA).

Warning: A Purge assembly is strongly suggested when using the above regulators with any corrosive gas.