

325 Series

single stage, brass barstock lecture bottle regulator

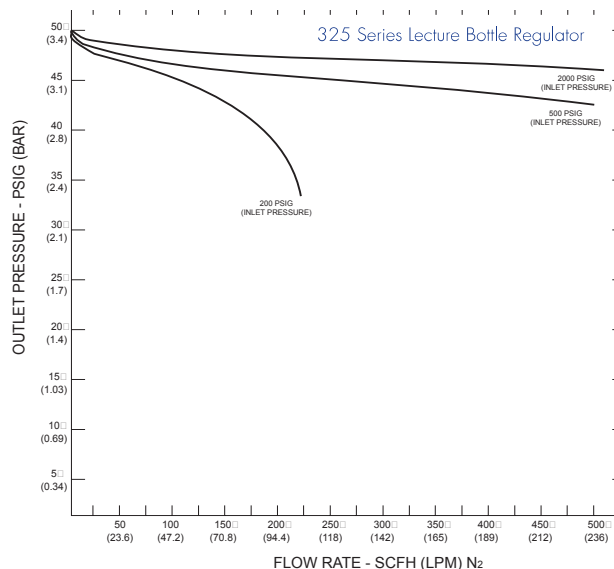
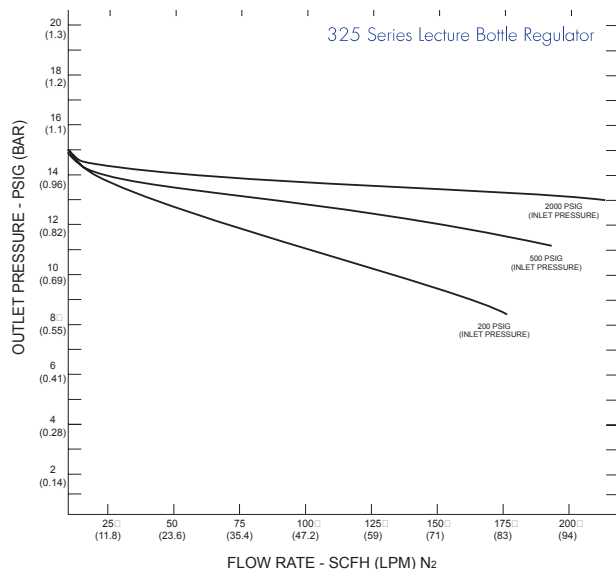


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Description	Advanced Features	Typical Applications
<p>The 325 Series regulators are specifically designed for use with noncorrosive gases in lecture bottles. The incorporation of our smallest Capsule® allows excellent pressure regulation over the useful pressure range of a lecture bottle.</p>	<ul style="list-style-type: none"> • Chrome-plated brass barstock body Smooth surface finish • Low droop Stable outlet pressure • 1½" pressure gauges Small envelope 	<ul style="list-style-type: none"> • University classrooms • University laboratories • Chemical research • Pharmaceutical manufacturing

300 Series Advantage	Materials	Specifications
<ul style="list-style-type: none"> • <i>Capsule® seat</i> Increased serviceability and life • <i>316L stainless steel diaphragm</i> No inboard diffusion • <i>Low wetted surface area</i> Minimal purge requirements • <i>Field-adjustable pressure limit</i> Safeguard downstream equipment • <i>Convolute diaphragm</i> Smooth pressure changes • <i>Compact design</i> Easily transported and integrated 	<p><i>Body</i> Chrome-plated brass barstock</p> <p><i>Bonnet</i> Chrome-plated die cast zinc</p> <p><i>Seat</i> PTFE</p> <p><i>Filter</i> 10 micron sintered bronze</p> <p><i>Diaphragm</i> 316L stainless steel</p> <p><i>Internal Seals</i> PTFE</p>	<p><i>Maximum Inlet Pressure</i> 3000 PSIG (210 BAR)</p> <p><i>Temperature Range</i> -40°F to 140°F (-40°C to 60°C)</p> <p><i>Gauges</i> 1½" diameter chrome-plated brass</p> <p><i>Ports</i> ⅛" FPT (¼" FPT relief valve)</p> <p><i>Helium Leak Integrity</i> 1 x 10⁻⁸ scc/sec</p> <p><i>Cv</i> 0.02</p> <p><i>Weight (325-3351-180)</i> 2.0 lbs. (0.89 kg)</p>

Flow Performance



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Ordering Information and Configuration Options

325	A	B	C	D	-Inlet	Options	
Series 325	Outlet Pressure 1: 0-15 3: 0-50	Outlet Gauge 0-30 PSIG 0-100 PSIG	Inlet Gauge 0: None 3: 0-4000 PSIG	Outlet Assemblies 0: 1/8" FPT Port 1: 1/4" MPT 5: Needle Valve 1/8" MPT	Assembly/ Gauges 0: Bare Body 1: Standard Assembly	Connections 000: 1/8" FPT CGA 110 CGA 170 CGA 180	Installed Options None