

Series 3700HP

single stage, low delivery pressure regulator



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Description	Advanced Features	Typical Applications
These regulators were designed to meet the needs of applications requiring reliable low-pressure control while maintaining gas purity. The low pressure stage has a large sensitive aluminum-faced neoprene diaphragm to provide delivery pressures as low as 2" of water.	<ul style="list-style-type: none"> Extremely low delivery pressures. Knob for adjusting delivery pressure. Aluminum faced diaphragm for high purity applications. Maximum inlet pressure 250 psig. Diaphragm packless valve on outlet is standard. 	The Series 3700HP regulators are available in two delivery pressure ranges; 2-35" of water, and 0.5-5 psig. As a line regulator they have a maximum inlet pressure rating of 250 psig. Inlet and outlet connections are 1/4" NPT female. The series 3700HP has an aluminum faced natural rubber diaphragm to provide a diffusion resistant metal barrier for high purity gas applications.

Materials	Specifications
<p><i>Body & Bonnet</i> Zinc</p> <p><i>Seat</i> Nitrile</p> <p><i>Diaphragm</i> Aluminum-faced natural rubber</p>	<p><i>Internal parts</i> Steel, brass and zinc</p>

Ordering Information			
Model Number	Del. Press. Range psig	Del. Press. Gauge psig	Inlet Press. Gauge psig
3701HP	2-25" water	0-30" water	none
3702HP	0.5-5 psig	0-10 psig	none
3703HP	0.8-2.7 psig	0-3 psig	none

Appropriate CGA connection for use with LP gas cylinders are ordered separately.