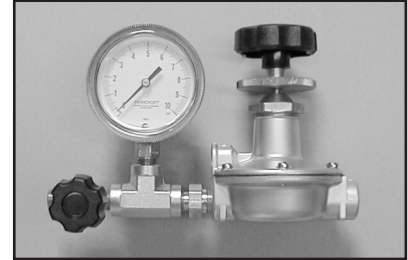


Series 3700HP High Purity Low Delivery Pressure Regulators

These regulators were designed to meet the needs of applications requiring reliable low-pressure control while maintaining gas purity. They are available in single and two-stage versions to meet most non-corrosive gas applications. The low pressure stage has a large sensitive aluminum-faced neoprene diaphragm to provide delivery pressures as low as 2" of water.

Single-Stage Line Regulators for Non-Corrosive Gases

The Series 3700HP regulators are available in two delivery pressure ranges; 2-25" 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. If you do not desire the outlet valve add suffix "NV" to the part number.



3700HP Features

- 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

Materials of Construction

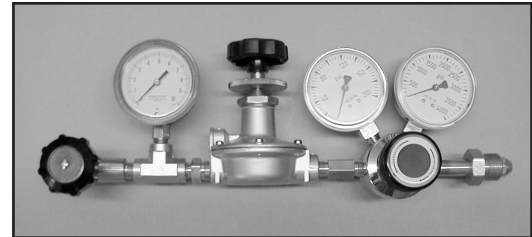
- Body & Bonnet Zinc
- Seat Nitrile
- Diaphragm Aluminum-Faced Natural Rubber
- Internal Parts Steel, Brass, and Zinc

Quick Reference

Inches of Water	PSIG
1	0.036
4	0.144
8	0.288
12	0.432
16	0.576
20	0.720
25	0.900

Two-Stage High Purity Regulators for Low Pressure Delivery

When source gas pressures exceed 250 psig, this hybrid regulator created by coupling a Series 3700HP regulator with a single-stage regulator is an ideal choice for such higher pressure applications.



How to Order:

Model Number	Delivery Pressure Range PSIG	Delivery Pressure Gauge PSIG	Inlet Pressure Gauge PSIG
Single-Stage			
3701HP	2-25" Water	0-30" Water	None
3702HP	0.5-5 PSIG	0-10 PSIG	None
Two-Stage			
3101HY3701-CGA*	2-25" Water	0-30" Water	0-4000 PSIG
3101HY3702-CGA*	0.5-5 PSIG	0-10 PSIG	0-4000 PSIG

*Specify CGA connection number when ordering. If you do not desire the standard outlet valve add the suffix "NV" to the part number.