

Air-Loaded Pressure Regulator

The Series PRA pneumatically controlled pressure regulator, also known as a pressure reducing valve, maintains a constant downstream pressure from 5 to 125 psi with very high accuracy over varying flow rates. The new air-controlled pressure regulator is designed for highly corrosive and ultra-pure chemicals. Its design uses compressed air and two rolling diaphragms to control liquid pressure with greater accuracy than spring-loaded regulators. Pressure regulators provide protection for valuable downstream instruments and filtration systems by converting fluctuating or excessive inlet pressure to a preset maximum downstream pressure. The PRA can routinely handle inlet pressure up to 150 psi. It's available in a number of thermoplastics including Grade 1 Type 1 PVC, natural polypropylene, and Kynar PVDF. Elastomers are FKM or EPDM. Pipe sizes range from ¼ through 3 in.

Plast-O-Matic Valves Inc., Cedar Grove, NJ; 973-256-3000

www.plastomatic.com

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