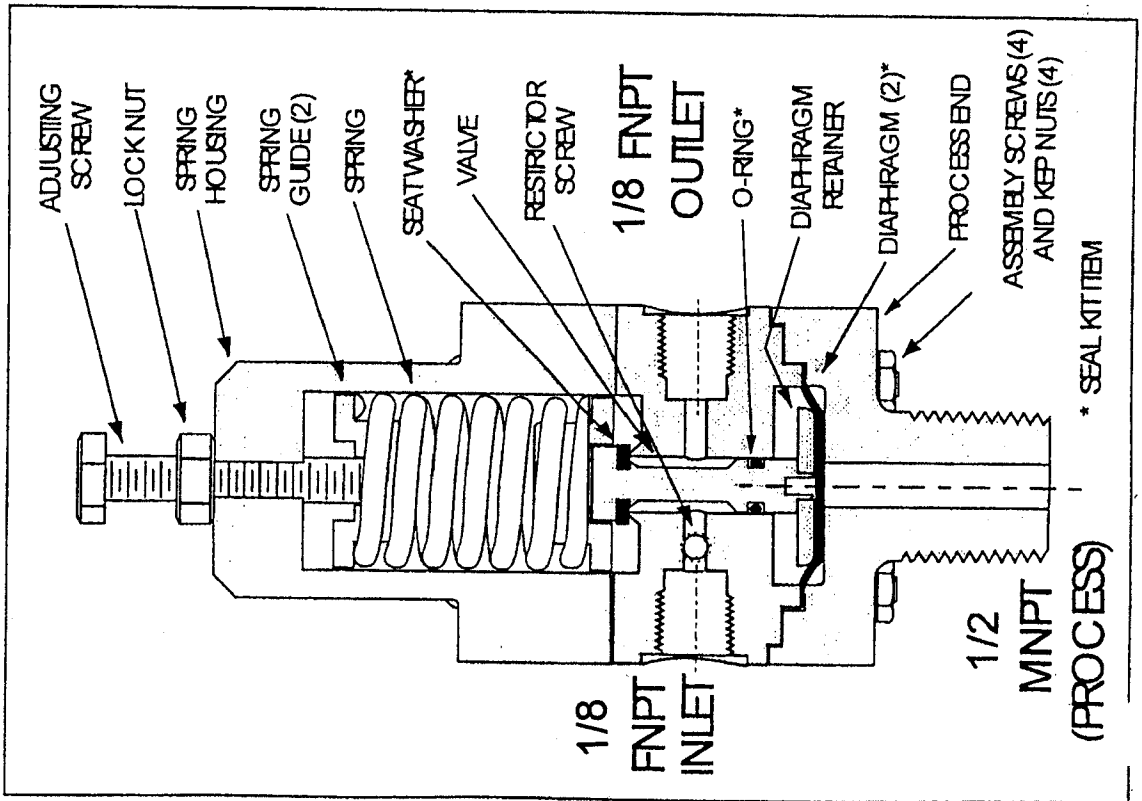


MAINTENANCE

Plast-O-Matic recommends keeping a spare seal kit available for repairs. Seal life will vary in applications due to cycles, temperatures, pressures, chemicals, and concentration. Based on the application, a periodic inspection and maintenance plan should be established. The seal kit part number is "SK" plus the part number less the material suffix. For example, the seal kit for PRS050V-PV is SKPRS050V.

PARTS AND ILLUSTRATION



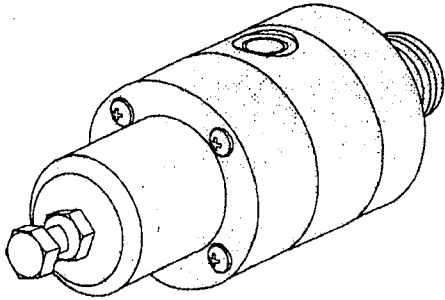
PLAST-O-MATIC®

V AL V E S, I N C.

Series PRS

STABILIZER

for AIR-PILOTED
PRESSURE REGULATORS



INSTALLATION & MAINTENANCE INSTRUCTIONS

IMPORTANT - BEFORE INSTALLING

Series PRS stabilizers will provide regulated control air pressure to an air piloted pressure regulator, automatically adjusting to maintain a reference process point at constant pressure, when properly installed and used within the recommended ranges of pressure, temperature, and chemical compatibility. The ultimate determination of material compatibility is previous successful use in the same application. PRS regulators use a customer supplied air pressure reference. See the Product Data Sheet or call our Technical Support for information about your application.

Note: The regulator will only maintain outlet pressure when air supply pressure and regulator inlet pressure are both high enough.

Caution: Plastic materials will degrade in ultraviolet (UV) light or sunlight.

RATINGS and SPECIFICATIONS

Set pressure range	5-100 PSI	(0.3 to 7 Bar)
Maximum air inlet pressure	150 PSI(10 Bar)	
Air consumption	1.5 SCFM	(2.5m ³ /hr)
	@100 psig	@ 7 Bar

Plast-O-Matic Valves, Inc.
1384 Pompton Avenue, Cedar Grove, NJ 07009
Phone 973-256-3000 Fax 973-256-4745
e-mail: info@plastomatic.com

INSTALLATION

Install the valve in the proper flow direction as indicated by the flow label. The valve may be set vertically or horizontally.

THREADED CONNECTIONS - Apply a suitable thread sealant (for example, Teflon® tape) to male tapered threads to assure a "leak-tight" seal. Assemble "hand-tight" followed by a quarter (1/4) turn with a strap wrench. Do not over tighten or use pipe wrenches on plastic pipe and components.

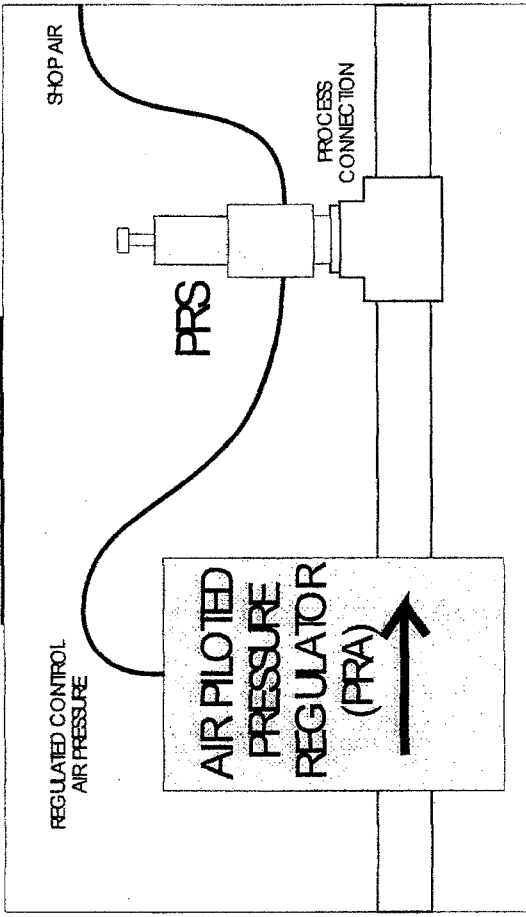
Caution: Teflon® tape will "string" as pipe threads are joined. Loose "strings" could lie across the seating surface and prevent the valve from completely closing. To avoid this problem, clean out old tape, and do not apply tape to the first thread.

Caution: Connect to plastic pipe and fittings only; when using metal pipe, install an intervening plastic fitting. Metal pipe and straight threaded pipe tends to cut, stretch, and distort the plastic bodies, resulting in cracking or leaking over time.

MOUNTING - These valves are designed to be supported by the piping. The piping must be properly supported, taking into account the weight of the valve and piping.

AIR CONNECTION -- The air should be filtered, regulated, and lubricated, with no solvent vapors or detergents, for longer service life.

TYPICAL INSTALLATION



PRESSURE REGULATOR DROOP
(drop-off from set pressure under flow conditions)
SET TO 35 PSI AT NO FLOW

