



DPR

DESIGN FEATURES

The R-K DPR series diaphragm pressure regulator is designed to be more sensitive to pressure changes while protecting piping systems. This pressure reducing valve is designed to provide excellent flow ratios over a wide pressure range.

Teflon (primary) and EPDM (back-up) diaphragms are ideal for DI water or other ultra pure applications.

Adjustable screw and lock-nut makes pre-set downstream pressure more precise and accurate.

Wide working pressure range (5 to 100 PSIG)

Top entry and parallel inlet and outlet ports to facilitate installation and avoid piping problems.

This compact pressure reducing valve is designed to keep the stainless steel spring totally isolated from the fluid chamber insuring no metal contact with the fluid.

It is ideally suitable for most harsh chemicals, DI water, and other high purity applications.

DIAPHRAGM PRESSURE REGULATOR

SPECIFICATIONS

Upstream Pressure	Vacuum to 150 PSIG
Regulated Pressure	5 to 100 PSIG 1-100 PSIG (1/4" only)
Material	Valve Body
	PVC Type 1, Grade 1
	Polypropylene
	PVDF
	Teflon
	Seal
	EPDM
	VITON
	KALREZ
Primary diaphragm	Teflon
Back-up diaphragm	EPDM

Temperature Range	0 F to 140 F for PVC
	0 F to 180 F for POLYPRO
	0 F to 280 F for PVDF
	0 F to 340 F for TEFLON
Valve ports	1/4" to 1" Valve FNPT
	1.5" to 2" Valve MPT
	All valves are fully ported
Mounting method	(4) 1/4" -20 tapped holes for standard machined valve body. (1/4" to 1.00")

ORDER INFORMATION

The chart below will specify R - K standard valves regarding valve size, valve material, and seal material. For special orders, please consult the factory for pricing and delivery information.

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VALVE SIZE	MATERIAL	SEALS
25 = 1/4"	1 = PVC	E = EPDM
50 = 1/2"	2 = POLYPRO	V = VITON
75 = 3/4"	3 = PVDF	K = KALREZ
100 = 1.0"	4 = TEFLON	O = OTHER (Please specify)
150 = 1.5"	5 = OTHER (Please specify)	
200 = 2.0"		

R-K INDUSTRIES



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