

Pneumatic Pressure Controllers

PP901; PP902 Pressure Reducing Valves



Used to control the pressure of the air delivered to pneumatic control systems. Models available for single-pressure systems or two-pressure systems (Day/Night or Summer/Winter) requiring two independently regulated pressure settings. Dual-pressure units switch from the lower settings to the higher settings when main air is applied to the pilot port. Models also available including a sub-micron filter assembly and pressure gauges. Replacement devices are available for Johnson, Powers, Robertshaw, Barber-Colman and older Honeywell pressure reducing valves.

- Built-in adjustable safety relief valve for limiting downstream pressure.
- For two-pressure models: Pressure changes accomplished with manual switch or automatically with electric pneumatic switch.
- Adjustable stops for desired settings.

Application Type: Pressure Reducing

Connection Size: Inlet and out air: 1/4 in. NPT (female) Air gage: 1/8 in. NPT (female)

Mounting: Bracket furnished

Accessories:

305917-2 in. diameter, 1/4 NPT center stem back mount Pressure Indicating gauge (0 to 160 psi scale) with $\pm 3\%$ accuracy

804191E-2-1/2 in. diameter, panel-mounted Pneumatic Pressure Indicating Gauge (0 to 160 psi), 1/8 in. NPT connection, $\pm 3\%$ accuracy

305965-1-1/2 in. diameter, 1/8 NPT center stem back mount Pressure Indicating gauge (0 to 30 psi scale) with $\pm 4\%$ accuracy

Replacement Parts:

316203A-Pressure Regulator Valve Assembly for PP901A; PP902A, C

316134B-PP901A & B Diaphragm Repair Kit

14004203-001-Filter cartridge kit for PP902C and PP902D.

14004205-002-Filter Station Assembly for PP901, PP902A or B

14003121-002-Filter for PP902A or B

Product Number	Inlet Pressure Range		Output Pressure Range		Description	Includes
	(psi)	(kPa)	(psi)	(kPa)		
PP901A1004/U	45 to 150 psi	310 to 1034 kPa	primary pressure: adj.0 to 25 psi.	primary pressure: adj.0 to 172 kPa.	High Pressure Diaphragm Operated Reducing Valve with Built-in Adjustable Relief Valve for Single Pressure Systems. Includes Mounting Bracket and Gage Taps But No Gages.	Gage tapping to measure the regulated pressure.
PP901B1002/U	45 to 150 psi	310 to 1034 kPa	primary pressure: adj.0 to 25 psi; secondary pressure: adj. 0 to 5 psi above primary rating	primary pressure: adj.0 to 172 kPa; secondary pressure: adj. 0 to 34kPa above primary setting.	High Pressure Diaphragm Operated Reducing Valve with Built-in Adjustable Relief Valve for Dual Pressure Systems. Includes Mounting Bracket and Gage Taps But No Gages.	Gage tapping to measure the regulated pressure.
PP902C1009/U	45 to 150 psi	310 to 1034 kPa	primary pressure: adj.0 to 25 psi	primary pressure: adj.0 to 172 kPa.	Pressure Reducing Valve for Single Pressure Systems, consists of a PP901A Valve, a sub-micron filter station, 2 psig gages, Interconnecting Pipe Fittings, and a Mounting Bracket	Submicron filter assembly and two psig gages.
PP902D1007/U	45 to 150 psi	310 to 1034 kPa	primary pressure: adj.0 to 25 psi; secondary pressure: adj. 0 to 5 psi above primary rating	primary pressure: adj.0 to 172 kPa; secondary pressure: adj. 0 to 34kPa above primary setting.	Pressure Reducing Valve for Dual Pressure Systems, consists of a PP901B Valve, a sub-micron filter station, 2 psig gages, Interconnecting Pipe Fittings, and a Mounting Bracket	Submicron filter assembly and two psig gages.