



6000 PSI REDUCING REGULATOR MODEL 1120

GENERAL INFORMATION

The model 1120 is a small, piston type, hand load regulator available in an outlet pressure range of 0 to 5000 PSI. Functionally it is identical to our model 415-5000 regulator but has only a single inlet and outlet port. It is available with a hex head adjusting bolt and lock nut for single set pressure use or with the same adjusting hand knob as used on the model 415 regulator. It can be panel mounted using either the upper 1.25" threaded section and lock nuts (part number 952) or the lower 1 inch jam nut. It uses an unbalanced poppet design for ruggedness and simplicity. There is a small variation of control pressure with changing inlet pressure as noted in the specifications. A 20 to 30 micron filter in the poppet cartridge prevents damage by contaminants. The model 1120 has an adjusting screw and lock nut, the model 1120-1 has a hand knob shown in the photo.

TECHNICAL SPECIFICATIONS

Max inlet pressure	6000 PSI
Outlet pressure	0 to 5000 PSI
Body ports	1/4" MNPT - inlet at the bottom centerline 1/4" FNPT outlet on the side as shown
Flow coefficient (Cv)	.06 (equals .07" orifice)
Materials	anodized aluminum body, brass and stainless interiors viton & KEL-F seals
Outlet pressure variation with inlet pressure	70 PSI increase per 1000. PSI drop of inlet

TYPICAL APPLICATIONS

- Component testing
- Air tank fill stations
- Fire fighting air systems
- Instrumentation and calibration panels
- Process industry control
- Shipboard and off shore air and gas control
- Aircraft service equipment
- Electronic industry rare gas flow
- Vehicle stations

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