



6000 PSI REDUCING REGULATOR MODEL 969

GENERAL INFORMATION

The model 969 is a small, piston type, hand load regulator. It has one inlet and one outlet port and is available in an outlet pressure range of 0 to 250 PSI. Maximum inlet pressure is 6000 PSI. The regulator seat, poppet assembly and filter are contained in the same, easily replaced, dependable valve cartridge assembly used on our 415 series regulators. The regulator is self venting. Unvented units can be provided on special order. A one inch thread at the bottom of the regulator permits mounting in a one inch hole in a panel or support plate. One application is to supply low pressure service air from high pressure storage systems. Another application is to supply low pressure air to inexpensive low pressure solenoids. This permits electric control of air operators on high pressure valves and other devices.

TECHNICAL SPECIFICATIONS

- Maximum inlet pressure ----- 6000 PSI (40 MPa)
- Outlet pressure ----- 250 PSI (1.6 MPa)
- Flow coefficient ----- Cv= .05 (.08" orifice size)
- Materials ----- body and cap - anodized aluminum
internals ----- brass, stainless steel
seals ----- Viton, KEL-F
- Size ----- 1.37" hex x 3.7" high
- Rise of outlet pressure with drop of inlet pressure ----- 18 PSI per 1000 PSI
- Ports ----- 1/4" MNPT inlet
1/8" FNPT outlet

TYPICAL APPLICATIONS

- Component testing
- Air tank fill stations to eliminate need of low pressure compressors and storage
- Fire fighting air stations to provide tire inflating air
- Instrumentation and calibration panels
- Process industry control
- Aircraft service carts to eliminate need for low pressure compressor
- Low pressure air to operate high pressure air operated valves

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