



6000 PSI AMPLIFYING REGULATOR MODEL 1262

GENERAL INFORMATION

The model 1262 is a reducing regulator wherein outlet pressure is controlled by lower pressure control air applied to the control port. Outlet or regulated pressure will be 45 times the control pressure used. Lesser ratios are available using larger sensing pistons. This permits using shop air or other low pressure source to provide an accurately controlled high pressure regulator. By using air rather than a spring to set pressure the regulator can be controlled remotely and pressure changes can be made much more rapidly and accurately. The regulator also permits the use of electronic feed-back from an outlet pressure sensor. This further improves accuracy. The regulator is also available with two inlet and two outlet ports similar to the 415 series regulator.

TECHNICAL SPECIFICATIONS

- Maximum inlet pressure 6000 PSI (40 MPa)
- Outlet pressure 0 to 6000 PSI
- Flow coefficient (C_v) 0.05
(equivalent to 0.06" orifice)
- Rise of outlet pressure with drop of inlet pressure 50 PSI/1000 PSI
- Materials - body and cap - aluminum
internals - brass, alum
seals, - delrin, Buna N Viton
- Fittings 1/4" MNPT inlet
1/4" FMPT outlet & control
1/8 FNPT vent
3" dia. x 4.75 high

Size

TYPICAL APPLICATIONS

- Accurate regulation of high pressure air or gas using low pressure control air and associated inexpensive components
- Remote or computer control of high pressure air or gas
- Controlled pressure for injection molding equipment
- Instrumentation and calibration panels
- Process industry control
- Aircraft service

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