



**TECHNICAL  
BULLETIN  
1309**

**6000 PSI  
BACK PRESSURE  
REGULATOR  
MODEL 1310**

**GENERAL INFORMATION**

Also known as a priority valve, the model 1310 is a fully balanced, economical regulator. It serves a wide variety of uses, however it's main use is on small compressors. The regulator will improve moisture separator efficiency and filter life as much as 450%. This is done by maintaining pressure in the separator and filter at about 1800 PSI when tank pressure is lower.

**TECHNICAL SPECIFICATIONS**

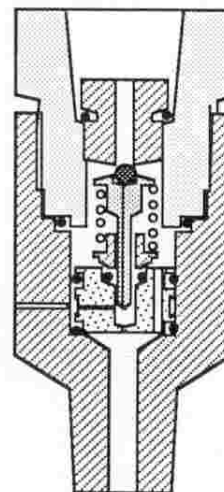
- Maximum rated pressure - 6000 PSI (40 MPa)
- Set pressure - 1900 PSI ((non-adjustable)
- Materials - Anodized aluminum body, brass, stainless steel, Viton seals
- Flow capacity - 1 to 10 SCFM
- Leakage - Zero external; 0.05 SCFM internal
- Ports - 1/4" FNPT inlet; 1/4" MNPT outlet
- Size - 1" hex by 2.4" long

**TYPICAL  
APPLICATIONS**

- Provide back pressure for small high pressure compressor filter systems
- Provide back pressure for floating piston compressors
- Other low flow high pressure back pressure control applications



INLET  
1/4" FPT



OUTLET  
1/4" MPT

**Aqua Environment Inc.**

PO Box 935, Stinson Beach, CA. 94970; (415) 453 8157