



SERIES 24 HIGH PURITY

HP1550 - PRESSURE REGULATOR

*LOW OUTLET PRESSURE CONTROL OF CORROSIVE AND NON-CORROSIVE GASES
IN LOW FLOW SYSTEMS*

FEATURES:

- Compact size.
- Accurate control.
- High surface finishes.
- Low internal volumes.
- Corrosion resistant.

SPECIFICATIONS:

- Maximum inlet pressure: 376 barg (5450 psig)
- Adjustable outlet pressure ranges:
0-2, 0-5, 0-7, 0-10 and 0-20 barg.
- Fluid Media : Corrosive and non-corrosive gases.
- Flow capacity: Maximum 600 L/min of air.
- Operating temperature range : -40 °C to +100 °C.
- Outlet pressure rise per 100 psi inlet pressure decay:
0.8 psi maximum.
- Body ports: 1/4" NPT (F)
- Flow coefficient $C_v = 0.09$.

MATERIALS OF CONSTRUCTION:

- BODY - Bar stock 316 stainless steel or bar stock Brass.
- SEAT AND SEAL - 316 stainless steel and Kel-F®. (Hastelloy C22 and Monel 400 also available).
- DIAPHRAGM - 316 stainless steel (Teflon® coated option) or Hastelloy C22.
- BONNET - Bar stock 316 stainless steel.

APPLICATIONS:

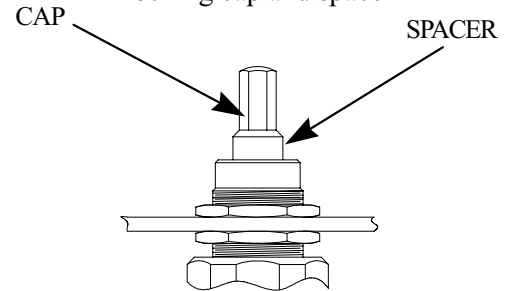
- Instrumental control.
- Chromatography (sample & carrier gas).
- Sampling systems.
- Purge systems.
- R & D Laboratories.
- Oil and gas installation.

OPTIONAL FEATURES:

- Panel mounting.
- Cylinder matched connections (BS341, DIN or CGA).
- Matched relief valve.
- Pressure gauges.
- Locked outlet.
- Tied diaphragm
- Lever, dual limit stop for auto-changeover applications.
- Alternative materials available.



**Preset and locked
discharge pressure**
Control knob replaced by
locking cap and spacer



**Dual Limit Stop
Lever Operated**
Control knob replaced by
lever and shroud

