

HP 744

Stainless Steel Back-Pressure Regulator



The Model HP 744 regulator is intended for upstream or inlet pressure control of high purity and corrosive applications acting as a field adjustable, highly sensitive relief valve.

- Research and Development
- Storage vessels
- Gas Chromatography
- Pump pressure control
- Fluid sampling
- Pipeline protection
- Downstream equipment protection (If properly installed)

FEATURES

- 15, 50, 125 and 250 PSIG models available
- Open to reseal deviation meets CGA E-14
- One piece encapsulated valve design with PTFE seats and 10 micron filter
- Front or rear panel mountable
- Ergonomic knob for improved grip
- 1/4" NPT Ports

RELATED OPTIONS

Front Panel Mount Kit – P/N 9100871
Wall mounting bracket P/N: 9101242



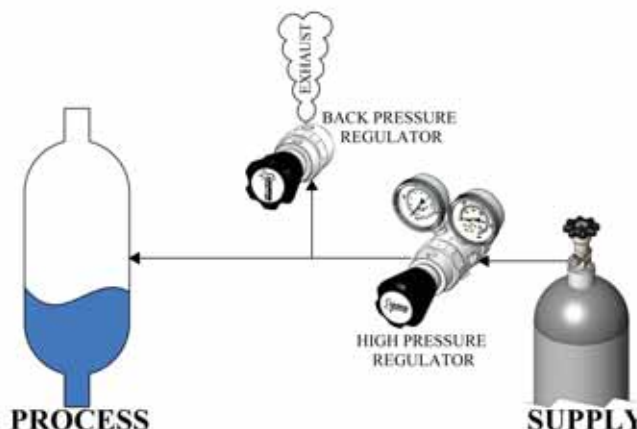
MATERIALS

Body	316L Stainless Steel Barstock
Bonnet	Chrome Plated Brass Barstock
Diaphragm	316L SS
Nozzle	316L SS
Seat	PTFE
Filter	10 micron Stainless Steel
Adjusting Knob	ABS Plastic

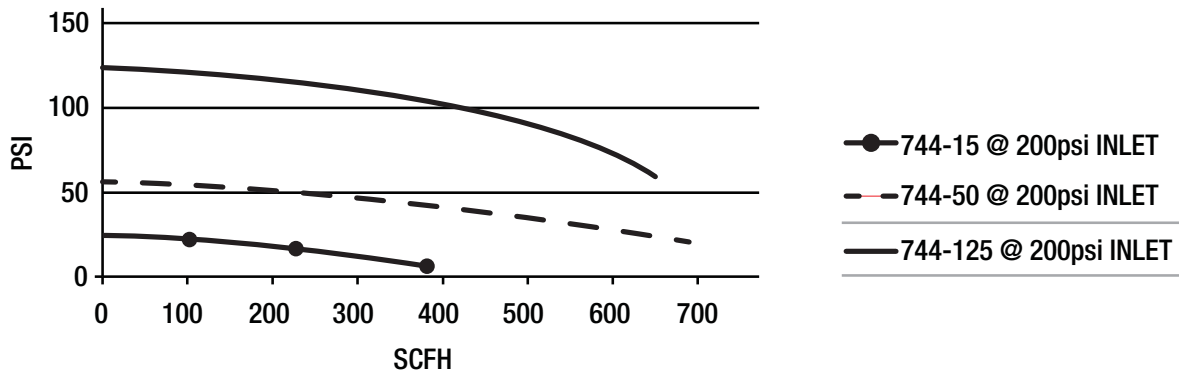
HP 744 ORDERING INFORMATION

PART NO	MODEL	RELIEF PRESSURE (PSIG)
4001100	744-015	1-15 PSIG
4001101	744-050	5-50 PSIG
4001102	744-125	10-125 PSIG
4001103	744-250	20-250 PSIG

PROCESS EXAMPLE



FLOW DATA



SPECIFICATIONS

- Cv: .08
- Helium Leak Integrity: 1.0×10^{-9} cc/sec
- Weight: 2.3 Lbs.

DIMENSIONS

