

## HP 741 High Purity – Stainless Steel Barstock



A single stage stainless steel cylinder regulator for applications where a slight rise in delivery pressure from full to empty cylinder can be tolerated.

The Model HP 741 is suitable for:

- Corrosive gas applications
- High purity gas applications
- Research sample systems gases
- Process analyzers gases
- Gas chromatography gases
- EPA protocol mixer gases
- Laser gas systems
- Emission monitoring systems gases

**Recommended for corrosive gases or purity levels of Grade 6.0 (99.9999) and higher.**

### MATERIALS

Body	316L Stainless Steel Barstock
Bonnet	Chrome Plated Brass Barstock
Diaphragm	316L Stainless Steel
Nozzle	316L Stainless Steel
Seat	PTFE Teflon
Seals	PTFE Teflon
Filter	Sintered Stainless Steel – 10 Micron
Seat Return Spring	PH17-7 Stainless Steel
Adjusting Knob	ABS Plastic

### FEATURES

- 1-11/16" 316L stainless steel diaphragm eliminates contamination from diffusion or out gassing
- One piece encapsulated seat design includes a sintered filter to protect the seat from particulate contamination
- Chrome plated bonnet, 316L body and fittings
- 2" stainless steel dual scale gauges (psi/bar)
- 1 x 10-9 cc/sec. inboard helium leak rate maintains gas purity levels
- Front or back panel mountable
- Maximum inlet 3000 PSIG except for models with CGA 510, 300 and option number 6 below

### Related Options

Captured Vent Kit P/N: 9100876

Front Panel Mount Kit P/N: 9100871

### ORDERING INFORMATION

HP \_\_\_ \_ xxx – xxx – xx – xxxxx

MODEL NUMBER	DELIVERY PRESSURE (OUTLET GAUGE)	CGA INLET	OUTLET FITTING	ASSEMBLY/OPTIONS
HP 741	0-15 psi (30" Hg Vac-30 psi/2 bar)	240, 640	A) Diaph. Valve (F) 1/4"	2) He Leak Cert. (Inboard)
	0-60 psi (30" Hg Vac-100 psi/7 bar)	320, 680	B) 1/4" MNPT	3) No Gauges
	0-125 psi (30" Hg Vac-200 psi/14 bar)	326, 690	C) 1/4" FNPT Port	4) With Relief Valve
		330, 660	D) 1/4" Tube Fitting	5) He Leak Cert. (Outboard)
	0-250 psi (400 psi/28 bar)	346, 706	E) 1/8" Tube Fitting	
	0-500 psi (1000 psi/70 bar)	360		
			000 (1/4" FNPT)	
		001 (1/4" MNPT)		