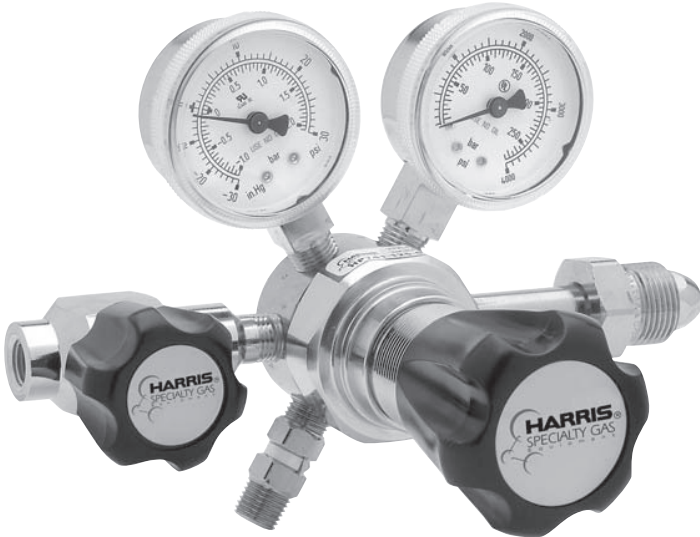


HP 741

High Purity - Stainless Steel Barstock Regulator



Model HP 741-015-580-A-4 shown

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	.316L Stainless Steel
Adjusting Knob	.ABS Plastic

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 analyzer gases
- ▶ Gas chromatography
- ▶ EPA protocol gases
- ▶ Laser gas systems
- ▶ Emission monitoring systems

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

FEATURES

- ▣ 1 11/16" 316L stainless steel diaphragm eliminates contamination from diffusion or outgassing
- ▣ One piece encapsulated seat design includes a sintered filter to protect the seat from particulate contamination
- ▣ Chrome plated bonnet, 316L SS body and fittings
- ▣ 2" stainless steel dual scale gauges (psi/bar)
- ▣ 1×10^{-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 240, 300 and 510, equipped with 400 PSIG inlet gauge

RELATED OPTIONS

Captured Vent Kit P/N: 9100875

Front Panel Mount Kit P/N: 9100871

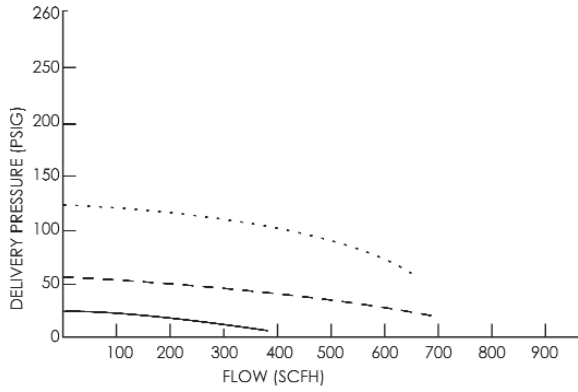
HP 741 ORDERING INFORMATION

HP 741 - XXX - XXX - XXXX - XXXXX

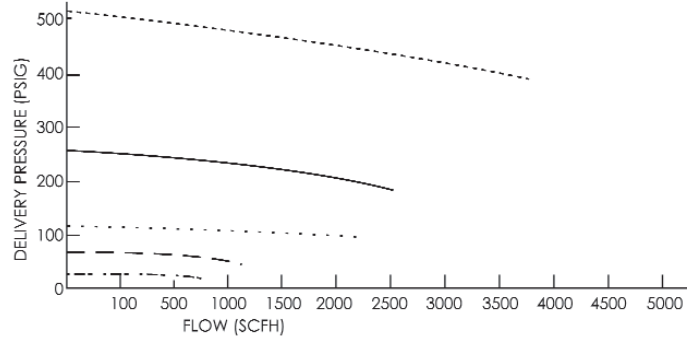
MODEL NO.	DELIVERY PRESSURE (OUTLET GAUGE)		CGA/INLET FITTING		ACCESSORIES	OPTIONS	
HP 741	0-15 PSIG	(30" Hg Vac-30 psi/2 bar)	240	510	A) 1/4" FNPT Diaph. Valve	2) He Leak Cert. (Inboard)	
	0-50 PSIG	(30" Hg Vac-100 psi/7 bar)	320	540	B) 1/4" MNPT Nipple	3) No Gauges	
	0-125 PSIG	(30" Hg Vac-200 psi/14 bar)	326	580	C) 1/4" FNPT Port	4) With Relief Valve	
	0-250 PSIG	(400 psi/28 bar)	330	590	D) 1/4" Tube Fitting	5) He Leak Cert. (Outboard)	
	0-500 PSIG (1000 psi/70 bar)			346	660	E) 1/8" Tube Fitting	6) 400 PSI Inlet Gauge
				350	705	F) Single Regulator Alarm	Gas Service Must be Specified
				000	(1/4" FNPT)	G) SG 910 SS Regulator	
				001	(1/4" MNPT)	Mounting Station	

HP 741 TECHNICAL SPECIFICATIONS

FLOW DATA



15 @ 200 PSIG INLET ———
 50 @ 200 PSIG INLET - - - -
 125 @ 200 PSIG INLET ·····



15 @ 2000 PSIG INLET ·····
 50 @ 2000 PSIG INLET - - - -
 125 @ 2000 PSIG INLET - · - ·
 250 @ 2000 PSIG INLET ———
 500 @ 2000 PSIG INLET - - - -

SPECIFICATIONS

- ▶ C_v : .08
- ▶ Pressure Regulation: 1.8 PSIG/100 PSIG
- ▶ Weight: 2.92 Lbs.

DIMENSIONS

