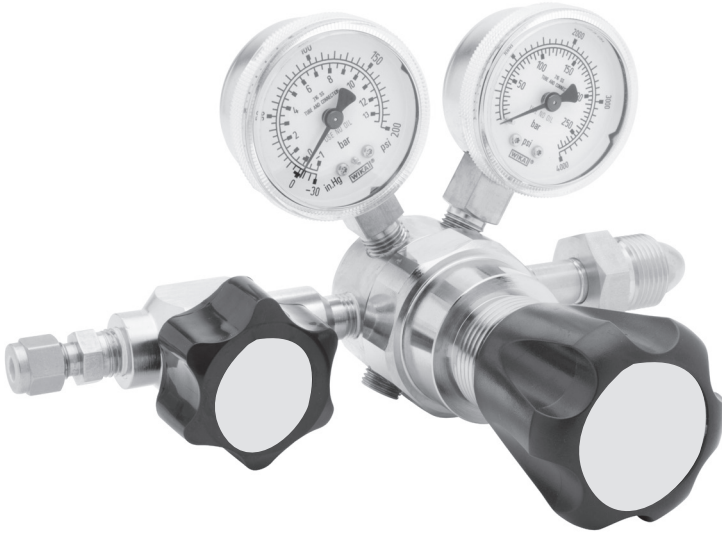


HP 741

High Purity - Stainless Steel Barstock Regulator



Model HP 741 is 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 (99.999) 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 x 10⁻⁹ cc/sec. inboard helium leak rate to maintain 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

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



Model HP 741-125-580-AD

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

**SHIPS
24
TO
48hr**

HP 741 ORDERING INFORMATION

HP 741 - XXX - XXX - XXXX - XXXXX

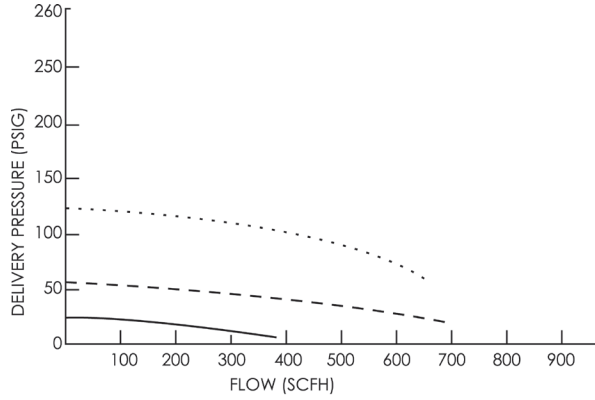
MODEL NO.	DELIVERY PRESSURE		CGA/INLET FITTING		ACCESSORIES	OPTIONS
	DELIVERY	(OUTLET GAUGE)				
HP 741	0-15 PSIG	(30" Hg Vac-30 psi/2 bar)	240	510	A) 1/4" FNPT Diaph. Valve	2) He Leak Cert. (Inboard)
	0-50 PSIG	(30" Hg Vac-100 psi/7 bar)	320	540	B) 1/4" MNPT Nipple	3) No Gauges
	0-125 PSIG	(30" Hg Vac-200 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 Mounting Station		
		001 (1/4" MNPT)				

Orders: 610.647.8744
www.appliedenergysystems.com

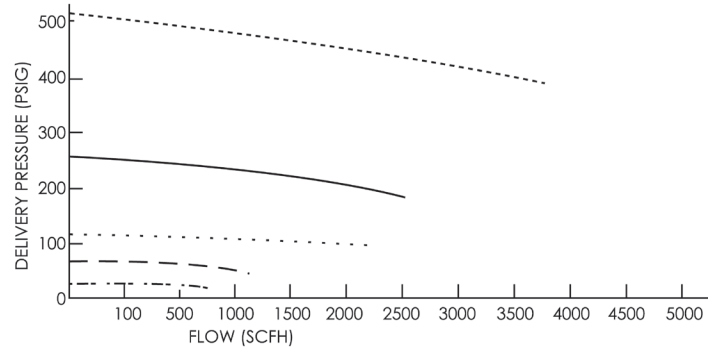


HP 741 TECHNICAL SPECIFICATIONS

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

