

HP721AL

Single Stage Aluminum Body Regulator



Model shown is 721AL-125-330-A

MATERIALS

Body	Anodized Aluminum
Bonnet	Chrome Plated Brass Barstock
Diaphragm	316L Stainless Steel
Seat	PTFE Teflon
Seals	PTFE Teflon
Filter	Sintered Stainless Steel - 10 Micron

The Model HP 721AL is a single stage regulator with anodized aluminum body for primary pressure control of mildly corrosive gases such as ammonia, sulfur dioxide and hydrogen sulfide. This model can also be used in applications requiring a lighter weight regulator. Typical applications include:

- Gas and Liquid Chromatography
- Carrier Gases
- Calibration Gases
- Mildly corrosive gases or mixtures

FEATURES

- 1-11/16" 316L SS diaphragm eliminates contamination from diffusion or outgassing
- One piece encapsulated seat design includes a 10 micron sintered filter to protect from contamination
- 2" 316 SS gauges (psi/bar)
- Up to 500 psig outlet pressures available
- Designed to 1.0 x 10⁻⁹ cc/sec He leak rate
- Front and rear panel mountable
- 316 SS gauges and fittings

RELATED OPTIONS

Captured Vent Kit P/N: 9100875
Front Panel Mount Kit P/N: 9100871
Wall mounting bracket P/N: 9101242



HP 721AL ORDERING INFORMATION

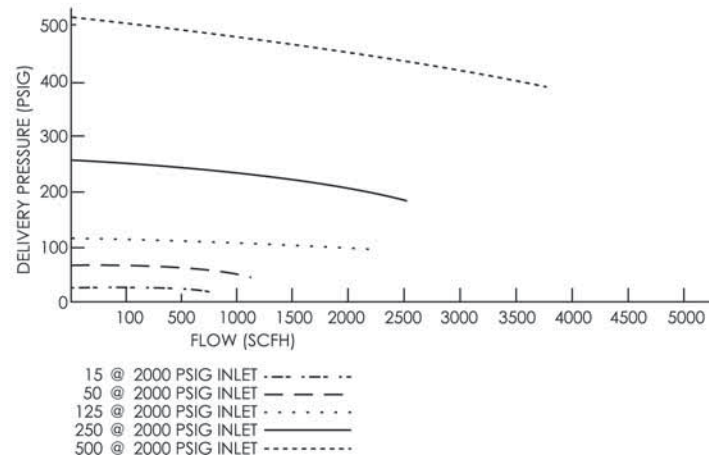
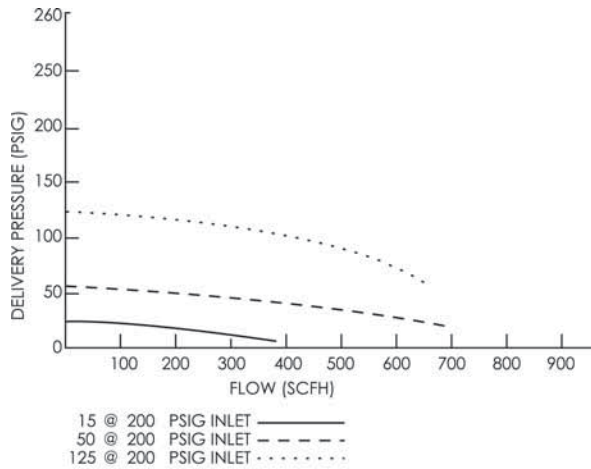
HP 721AL	-	XXX	-	XXX	-	XX	-	XXXX
MODEL NO.	DELIVERY PRESSURE DELIVERY	OUTLET GAUGE		CGA / INLET FITTING		ACCESSORIES		OPTIONS
HP 721AL	0-15 PSIG	{30" Hg Vac-30 PSIG}		000 {1/4" FNPT}		A) 1/4" FNPT Diaph Valve		1) He Leak Cert (Inboard)
	0-50 PSIG	{30" Hg Vac-100 PSIG}		001 {1/4" MNPT}		B) 1/4" MNPT Nipple		2) No Gauge
	0-125 PSIG	{30" Hg Vac-200 PSIG}		240		C) 1/4" FNPT Port		3) w/Relief Valve
	0-250 PSIG	{30" Hg Vac-400 PSIG}		330		D) 1/4" Tube Fitting		4) He leak Cert (Outboard)
	0-500 PSIG	{30" Hg Vac-1000 PSIG}		346		E) 1/8" Tube Fitting		5) 400 psi inlet gauge Gas Service Must be Specified
				350				
				580				
				590				
				660				
				705				

Orders: 1.800.733.4043

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FLOW DATA



SPECIFICATIONS

- C_v : .08
- Pressure Regulation: 1.8 PSIG/100 PSIG
- Weight: 1.90 Lbs.

DIMENSIONS

