

HP 722C

High Purity - Brass Barstock Regulator



Model HP 722 is a two stage cylinder regulator available in brass (HP 722) or chrome plated brass (HP 722C) barstock for constant delivery pressure from full to near empty cylinder conditions. The HP 722 is suitable for:

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

Recommended for gas purity levels of Grade 5.0 (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
- 2" dual scale brass gauges (psi/bar)
- Designed to 1 x 10⁻⁹ cc/sec. inboard helium leak rate to maintain gas purity levels
- Front and rear panel mountable
- Maximum inlet 3000 PSIG except for models with CGA 300 and 510 equipped with 400 PSIG inlet gauge
- External relief valve standard

RELATED OPTIONS

Front Panel Mount Kit P/N: 9100871



Model HP 722C-125-580-BE-1 shown

MATERIALS

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

**SHIPS
24
TO
48hr**

HP 722 ORDERING INFORMATION

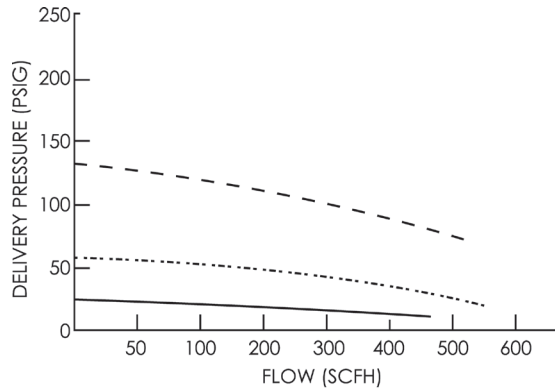
MODEL NO.	DELIVERY PRESSURE		CGA INLET FITTING	ACCESSORIES	OPTIONS
	DELIVERY	(OUTLET GAUGE)			
HP 722	0-15 PSIG	(30" Hg Vac-30 psi/2 bar)	296	510	1) Without Relief Valve
HP 722C	0-50 PSIG	(30" Hg Vac-100 psi/17 bar)	300	540	2) He Leak Cert. (Inboard)
(chrome plated)	0-125 PSIG	(30" Hg Vac-200 psi/14 bar)	320	580	3) No Gauges
	0-250 PSIG	(400 psi/28 bar)	326	590	5) He Leak Cert. (Outboard)
	0-500 PSIG	(1000 psi/70 bar)	346		
			350		
			000 (1/4" FNPT)		
			001 (1/4" MNPT)		
				A) 1/4" MNPT Needle Valve	
				B) 1/4" FNPT Diaph. Valve	
				C) 1/4" MNPT Nipple	
				D) 1/4" FNPT Port	
				E) 1/4" Tube Fitting	
				F) 1/8" Tube Fitting	
				G) Single Regulator Alarm- (722C only)	
				H) SG 910 BR Regulator Mounting Station	

Orders: 610.647.8744
www.appliedenergysystems.com

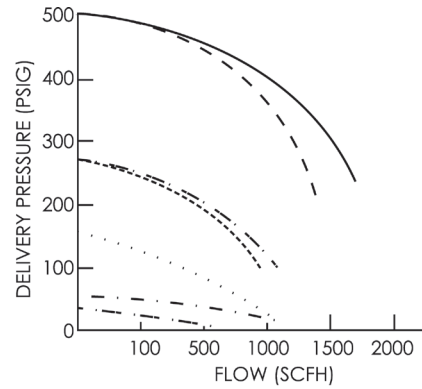


HP 722 TECHNICAL SPECIFICATIONS

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 @ 350 PSIG INLET - - - - -
 250 @ 2000 PSIG INLET - - - - -
 500 @ 600 PSIG INLET - - - - -
 500 @ 2000 PSIG INLET ————

SPECIFICATIONS

- C_v : .06
- Pressure Regulation: .05 PSIG/100 PSIG
- Weight: 4.43 lbs.

DIMENSIONS

