

HP 722

High Purity - Brass Barstock Regulator



Model HP 722-125-580-B shown

MATERIALS

Body/Bonnet	Brass Barstock
Diaphragm316L Stainless Steel
Nozzle	Brass
SeatPTFE Teflon
SealsPTFE Teflon
FilterNickel-Plated Sintered Bronze - 10 Micron
Seat Return SpringPH17-7 Stainless Steel
Adjusting KnobABS Plastic

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)
- ▣ 1 x 10⁻⁹ cc/sec. inboard helium leak rate maintains gas purity levels
- ▣ Front 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

Captured Vent Kit P/N: 9100875

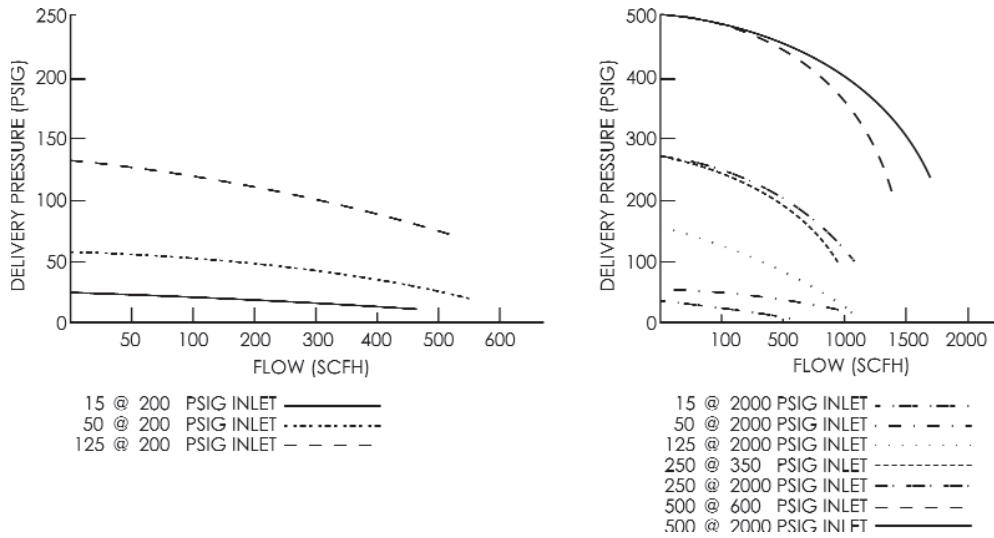
Front Panel Mount Kit P/N: 9100871

HP 722 ORDERING INFORMATION

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

HP 722 TECHNICAL SPECIFICATIONS

FLOW DATA



SPECIFICATIONS

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

DIMENSIONS

