

HP 702

High Purity - Chrome Plated Brass Regulator



Model HP 702-125-580-B shown

Model HP 702 is a chrome plated brass two stage cylinder regulator with a stainless steel diaphragm for general laboratory use. The HP 702 provides constant delivery pressure from full to near empty cylinder conditions. The HP 702 is suitable for:

- Non-corrosive gases
- Purging
- Pressure testing
- Blanketing
- Incubators

Recommended for gas purity up to Grade 5.0 (99.999).

FEATURES

- 2 1/8" 302 stainless steel diaphragm eliminates contamination from diffusion or outgassing
- One-piece encapsulated seat design to protect seat from particulate contamination
- Chrome plated bonnet, body and fittings
- 2" chrome plated dual scale gauges (psi/bar)
- External relief valve standard
- Designed to 1 x 10⁻⁸ cc/sec. inboard helium leak rate to maintain gas purity levels
- Maximum inlet 3000 PSIG except for models with CGA 300 and 510 equipped with 400 PSIG inlet gauge

MATERIALS

Body	Chrome Plated Brass
Bonnets	Chrome Plated Die Cast
Diaphragms	302 Stainless Steel
Nozzles	Brass
Seat	PTFE Teflon
Seals	PTFE Teflon
Filter	Nickel-Plated Sintered Bronze - 10 Micron
Seat Return Spring	PH-17 Stainless Steel
Adjusting Knob	ABS Plastic

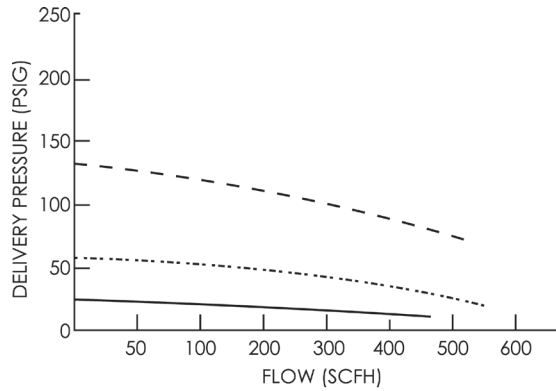
**SHIPS
24
TO
48hr**

HP 702 ORDERING INFORMATION

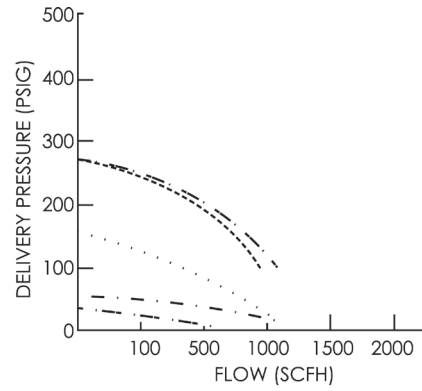
HP 702	-	XXX	-	XXX	-	XXXX	-	XX
MODEL NO.	DELIVERY PRESSURE		CGA INLET FITTING	ACCESSORIES		OPTIONS		
	DELIVERY	(OUTLET GAUGE)						
HP 702	0-15 PSIG	(30" Hg Vac-30 psi/2 bar)	280	350	A) 1/4" MNPT Needle Valve	1) Without Relief Valve		
	0-50 PSIG	(30" Hg Vac-100 psi/7 bar)	296	500	B) 1/4" FNPT Diaph. Valve	2) No Gauges		
	0-125 PSIG	(30" Hg Vac-200 psi/14 bar)	300	510	C) 1/4" MNPT Nipple			
	0-250 PSIG	(400 psi/28 bar)	320	540	D) 1/4" FNPT Port			
			326	555	E) 1/4" Tube Fitting			
			346	580	F) 1/8" Tube Fitting			
				590	G) 1/4" MNPT Hose Barb			
			000 (1/4" FNPT)		H) 1/8" MNPT Hose Barb			
			001 (1/4" MNPT)		I) 1/4" FNPT Hose Barb			
					J) 1/4" FNPT Needle Valve			
					K) Single Regulator Alarm			
					L) SG 910 BR Regulator Mounting Station			

HP 702 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 - - - - -

SPECIFICATIONS

- C_v : .15
- Pressure Regulation: 0.9 PSIG/100 PSIG
- Weight: 4.48 lbs.

DIMENSIONS

