

HP750

Ultra High Flow Servo Dome Regulator



Model HP 750-500-3000 shown

The Model HP 750 series regulator is a high pressure, high flow regulator system. The key to the performance of this regulator is the servo-dome load technology. The servo-dome load feature allows the regulator to supply high flow rates with straight line pressure regulation. The HP 750 is suitable for:

- Laser assist gases
- Pressure transfer
- Blanketing & high flow manifold

FEATURES

- 0-250, 500, or 1000 PSIG delivery pressure
- 3000 and 5500 PSIG inlet pressures
- Tamper proof, self-seating internal safety valve on 250 & 500 models only
- One piece encapsulated seat design with 10-micron filtration
- Conforms to CGA E-4 standard for gas pressure regulators

MATERIALS

Body	Brass Barstock
Bonnet	Brass Barstock
Diaphragm	Teflon Coated Nylon Reinforced Neoprene
Nozzle	Brass
Seat	PTFE Teflon
Seal	PTFE Teflon
Filter	Nickel Plated Sintered Bronze - 10 Micron
Adjusting Knob	Noryl Plastic
Inlet	1/2" FNPT

RELATED OPTIONS

Panel Mount Kit P/N: 9100887

Adaptor 1/2" MNPT x 1/4" FNPT 9005806

CYLINDER ADAPTER KITS

CGA 540 Adapter Kit P/N: 9103615

CGA 580 Adapter Kit P/N: 9103616

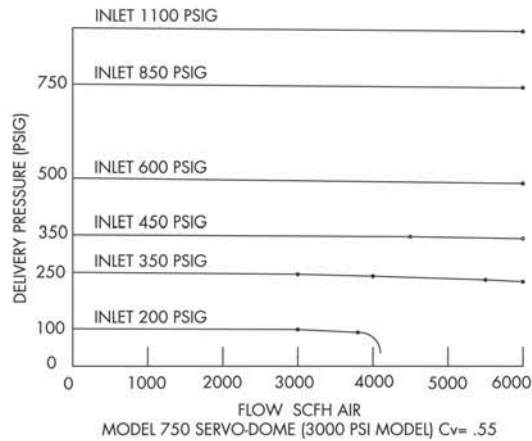
CGA 680 Adapter Kit P/N: 9103617 (5500 PSIG inlet models only)

HP 750 ORDERING INFORMATION

*** SHIPS IN 24 TO 48 HOURS**

PART NO.	MAX. INLET MODEL NO.	DELIVERY PRESSURE RANGE PSIG	DELIVERY PRESSURE GAUGE PSI	SUPPLY PRESSURE PRESSURE GAUGE PSIG	PSIG
3000860*	HP750-500-3000	3000	0-500	600	4000
3000865*	HP750-250-3000	3000	0-250	400	4000
3000866*	HP750-1000-3000	3000	0-1000	2000	4000
3000867	HP750-250-5500	5500	0-250	400	6000
3000868	HP750-500-5500	5500	0-500	600	6000
3000869*	HP750-1000-5500	5500	0-1000	2000	6000
3000951*	HP750-250-540	3000	0-250	400	4000
3000952*	HP750-500-580	3000	0-500	600	4000
3003028	HP750-500-680	5500	0-500	600	6000

FLOW DATA



SPECIFICATIONS

- Cv: .55 on 3000 psi inlet models
- Cv: .4 on 5500 psi inlet models
- Pressure Regulation: 3 PSIG/1000 PSIG for 250 and 500 psi delivery pressure
5 PSIG/1000 PSIG for 1000 psi delivery pressure
- Weight: 8.5 lbs.

DIMENSIONS

