

HP 8700

Ultra High Pressure Regulator



Model 8700-6000-677 shown

MATERIALS

Body	Brass Barstock
Bonnet	Brass Barstock
Diaphragm	All models Urethane, except O2 which is Neoprene
Nozzle	Brass
Seat	PCTFE (Kel-F™)
Filter	Nickel-Plated Sintered Bronze - 10 Micron
Seat Return Spring	PH 17-7 Stainless Steel
Adjusting Knob	ABS Plastic
Outlet	1/4" Stainless Steel Tube Fitting

The Model HP 8700 is a single stage high pressure regulator that is designed to operate on high pressure cylinders up to 7500 PSIG. The Model HP 8700 is suitable for:

- High pressure testing
- Charging accumulators
- Pressurizing aircraft struts

FEATURES

- 0-800, 0-1500, 2500, 3000, 4500 and 6000 PSIG delivery pressures available
- One piece encapsulated valve design with PCTFE seats and an internal filter
- Ergonomic knob for improved grip
- 1/4" NPT outlet with stainless steel 1/4" tube fitting
- 2 1/2" dual scale gauges (psi/bar)
- Conforms to CGA E-4 standard for gas pressure regulators
- Models with the following CGA inlet connections are self venting - 346, 347, 580, 590, 677, 680

RELATED OPTIONS

Panel Mount Nut P/N: 9100887

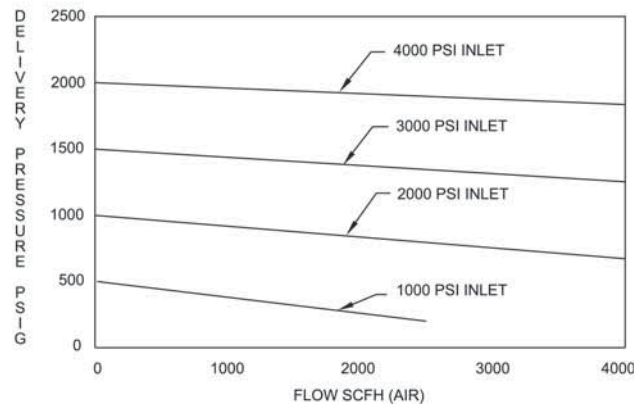
HP 8700 ORDERING INFORMATION

*** Ships in 24 to 48 hours**

PART NO.	MODEL NO.	GAS	MAX. INLET PSIG	DELIVERY PRESSURE RANGE PSIG	DELIVERY PRESSURE GAUGE PSIG	SUPPLY PRESSURE GAUGE PSIG
3200270	8700-800-346	Medical Air	3000	0-800	1,000	4,000
3200311	8700-2500-346		3000	0-2500	3,000	4,000
3200312	8700-1500-347		5,500	0-1500	3,000	6,000
3200314	8700-3000-347		5,500	0-3000	4,000	6,000
3200315	8700-4500-347		5,500	0-4500	6,000	6,000
3200271	8700-800-350	Hydrogen, Methane	3000	0-800	1,000	4,000
3200302*	8700-1500-350		3,000	0-1500	3,000	4,000
3200303	8700-2500-350		3,000	0-2500	4,000	4,000
3200316	8700-1500-695		5,500	0-1500	3,000	6,000
3200318	8700-3000-695		5,500	0-3000	4,000	6,000
3200319	8700-4500-695		5,500	0-4500	6,000	6,000
3200273	8700-800-590	Industrial Air	3000	0-800	1,000	4,000
3200304*	8700-1500-590		3,000	0-1500	3,000	4,000
3200305*	8700-2500-590		3,000	0-2500	4,000	4,000
3200306*	8700-1500-540	Oxygen	3,000	0-1500	3,000	4,000
3200307*	8700-2500-540		3,000	0-2500	4,000	4,000
3200308	8700-1500-540-Surge Guard		3,000	0-1500	3,000	4,000
3200309	8700-2500-540-Surge Guard		3,000	0-2500	4,000	4,000
3200272	8700-800-580	Nitrogen, Argon, Helium	3000	0-800	1,000	4,000
3200300*	8700-1500-580		3,000	0-1500	3,000	3,000
3200301*	8700-2500-580		3,000	0-2500	4,000	4,000
3200320	8700-1500-677		7,500	0-1500	3,000	10,000
3200321*	8700-3000-677		7,500	0-3000	4,000	10,000
3200322*	8700-4500-677		7,500	0-4500	6,000	10,000
3200323*	8700-6000-677		7,500	0-6000	10,000	10,000
3200324	8700-1500-680		5,500	0-1500	3,000	6,000
3200326*	8700-3000-680		5,500	0-3000	4,000	6,000
3200327*	8700-4500-680		5,500	0-4500	6,000	6,000



FLOW DATA



SPECIFICATIONS

NON-VENTING MODELS

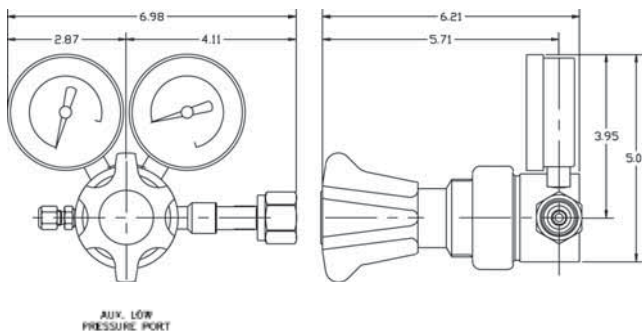
- Regulator Weight: 5.8 lbs.
- Pressure Rise: 3.3 PSIG per 100 PSIG
- C_v : .08

SELF-VENTING MODELS

- Regulator Weight: 7.0 lbs.
- Pressure Rise: 3.3 PSIG per 100 PSIG
- C_v : .08

DIMENSIONS

NON-VENTING MODELS



SELF-VENTING MODELS

