

HP 8700SS

Ultra High Pressure Regulator



Model HP 8700SS-4500-680 shown

MATERIALS

Body	300 Series Stainless Steel
Bonnet	Chrome Plated Brass Barstock
Diaphragm	Urethane*
Nozzle	316L Stainless Steel
Seat	PCTFE
Filter	10 Micron Stainless Steel
Seat	Return Spring
Adjusting Knob	ABS Plastic
Outlet	1/4" Stainless Steel Tube Fitting

The Model HP 8700SS is a single stage high pressure regulator that is designed to deliver high outlet pressures when used on high pressure cylinders up to 7500 PSIG. The Model HP 8700SS is suitable for:

- High pressure testing
- Charging accumulators
- Pressurizing aircraft struts

FEATURES

- 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" Stainless Steel 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

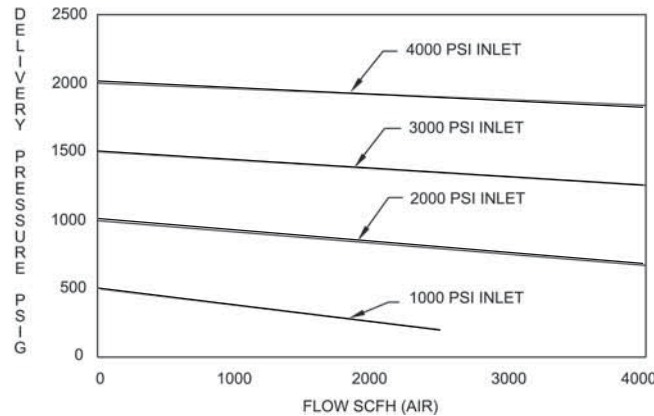
Brass Panel Mount Nut P/N: 9100887

HP 8700SS ORDERING INFORMATION

PART NO.	MODEL NO.	GAS	MAX. INLET PSIG	DELIVERY PRESSURE RANGE PSIG	DELIVERY PRESSURE GAUGE PSIG	SUPPLY PRESSURE GAUGE PSIG
3200394	8700SS-1500-346		3000	0-1500	2,000	4,000
3200395	8700SS-2500-346		3000	0-2500	4,000	4,000
3200396	8700SS-1500-347	Medical Air (Self-Relieving)	5,500	0-1500	2,000	6,000
3200397	8700SS-3000-347		5,500	0-3000	4,000	6,000
3200398	8700SS-4500-347		5,500	0-4500	6,000	6,000
3200705	8700SS-1500-350	Hydrogen, Methane	3,000	0-1500	2,000	4,000
3200714	8700SS-2500-350		3,000	0-2500	4,000	4,000
3200712	8700SS-1500-695		5,500	0-1500	2,000	6,000
3200721	8700SS-3000-695		5,500	0-3000	4,000	6,000
3200725	8700SS-4500-695		5,500	0-4500	6,000	6,000
3200408	8700SS-1500-590	Industrial Air (Self-Relieving)	3,000	0-1500	2,000	4,000
3200409	8700SS-2500-590		3,000	0-2500	4,000	4,000
3200706	8700SS-1500-540	Oxygen	3,000	0-1500	2,000	4,000
3200715	8700SS-2500-540		3,000	0-2500	4,000	4,000
3200399	8700SS-1500-580	Nitrogen, Argon, Helium (Self-Relieving)	3,000	0-1500	2,000	3,000
3200400	8700SS-2500-580		3,000	0-2500	4,000	4,000
3200404	8700SS-1500-677		7,500	0-1500	2,000	10,000
3200405	8700SS-3000-677		7,500	0-3000	4,000	10,000
3200406	8700SS-4500-677		7,500	0-4500	6,000	10,000
3200407	8700SS-6000-677		7,500	0-6000	10,000	10,000
3200401	8700SS-1500-680		5,500	0-1500	2,000	6,000
3200402	8700SS-3000-680		5,500	0-3000	4,000	6,000
3200403	8700SS-4500-680		5,500	0-4500	6,000	6,000
3200700	8700SS-1500-000		3000	0-1500	2,000	4000
3200699	8700SS-2500-000	1/4" NPT Female	3000	0-2500	4,000	4000
3200701	8700SS-3000-000	Inlet & Outlet	6000	0-3000	4,000	6000
3200702	8700SS-4500-000	Non-Relieving	6000	0-4500	6,000	6000
3200703	8700SS-6000-000		10,000	0-6000	10,000	10,000



FLOW DATA



SPECIFICATIONS

NON-VENTING MODELS

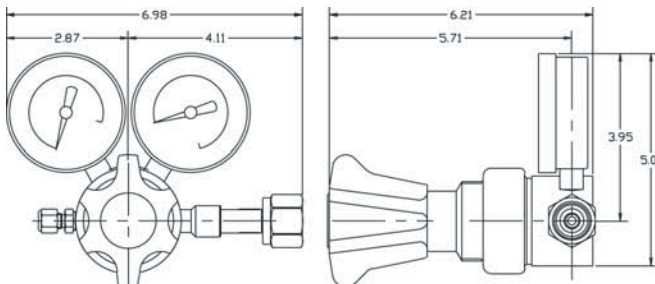
- Regulator Weight: 5.8 lbs.
- Pressure Rise: 3.3 PSIG per 100 PSIG
- Cv: .08

SELF-VENTING MODELS

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

DIMENSIONS

NON-VENTING MODELS



SELF-VENTING MODELS

