

HP 3530

High Flow - Single Gauge Regulator



Model HP 3530-250 shown

MATERIALS

Body	Brass Barstock
Bonnet	Brass Barstock
Diaphragm†	302 Stainless Steel
Nozzle	Brass
Seat†	PTFE Teflon
Seals	PTFE Teflon
Filter	Nickel Plated Sintered Bronze - 10 Micron
Seat Return	Spring 17-7 Stainless Steel
Adjusting Knob	ABS Plastic

A brass barstock in-line manifold regulator for pipeline and other applications up to 3000 PSIG inlet pressure. The Model HP 3530 is suitable for:

- Non-corrosive high flow gas applications
- High purity gas applications
- Research sample system gases
- Process analyzer gases
- Bulk gas distribution systems
- Laser gas systems
- Emission monitoring systems gases

****Recommended for non-corrosive gases or purity levels Grade 5.0 (99.999) and higher, and delivery pressures up to 500 PSIG**

FEATURES

- 2- 3/4" stainless steel diaphragm eliminates contamination from diffusion or outgassing
- 1/2" FNPT inlet and outlet
- One piece encapsulated seat design includes a sintered filter to protect the seat from particulate contamination
- 2 1/2" brass dual scale gauge (psi/bar)
- Maximum inlet 3000 PSIG (500 PSIG for 15 PSIG model)
- Four port configuration, one high pressure and three low pressure

CYLINDER ADAPTER KITS

- CGA 540 Adapter Kit P/N: 9103615
- CGA 580 Adapter Kit P/N: 9103616
- 1/2" NPT male x 1/4" NPT Female bushing P/N: 9005806

HP 3530 ORDERING INFORMATION

*** SHIPS IN 24 TO 48 HOURS**

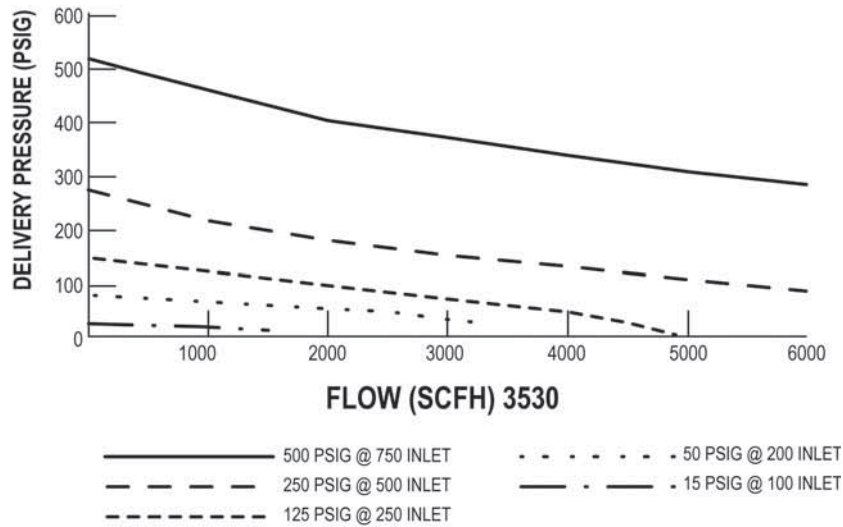
PART NO.	MODEL NO.	DELIVERY	DELIVERY PRESSURE (OUTLET GAUGE)	INLET /OUTLET FITTING
4000800†	HP 3530	0-15 PSIG	(30 psi/2 bar) MAX INLET 500 PSIG	000 (1/2" FNPT)
4000801*		0-50 PSIG	0-50 PSIG (100 psi/7 bar)	
4000802*		0-125 PSIG	0-125 PSIG (200 psi/14 bar)	
4000803*		0-250 PSIG	0-250 PSIG (400 psi/28 bar)	
4000804*		0-500 PSIG	0-500 PSIG (1000 psi/70 bar)	

† 0-15 PSIG model has neoprene diaphragm and seat

** Does not apply to 15 PSIG model (P/N: 4000800)

NOTE: Regulators with delivery pressure above 15 PSIG should not be used with acetylene.

FLOW DATA



SPECIFICATIONS

- Pressure Regulation: 1.6 PSIG/100 PSIG
- Weight: 4.3 Lbs.

DIMENSIONS

