

HP 3520

High Flow - Two Gauge Regulator



Model HP 3520-250 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

Model HP 3520 is a brass barstock in-line manifold regulator for pipeline and other applications up to 3000 PSIG inlet pressure.

The Model HP 3520 is suitable for:

- Non-Corrosive high flow gas applications
- High purity gas applications
- Research sample systems 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 gauges (psi/bar)
- Maximum inlet 3000 PSIG (500 PSIG for 15 PSIG model)
- Six port configuration, three high pressure and three low pressure
- Self reseating internal relief valve

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 3520 ORDERING INFORMATION

*** SHIPS IN 24 TO 48 HOURS**

PART NO.	MODEL NO.	DELIVERY PRESSURE		INLET /OUTLET FITTING
		DELIVERY	(OUTLET GAUGE)	
3003560†	HP 3520	0-15 PSIG	(30 psi/2 bar) MAX INLET 500 PSIG	000 (1/2" FNPT)
3003561*		0-50 PSIG	(100 psi/7 bar)	
3003562*		0-125 PSIG	(200 psi/14 bar)	
3003563*		0-250 PSIG	(400 psi/28 bar)	
3003564*		0-500 PSIG	(600psi/40 bar)	

†0-15 PSIG model has neoprene diaphragm and seat

** Does not apply to 15 PSIG model (P/N:3003560)

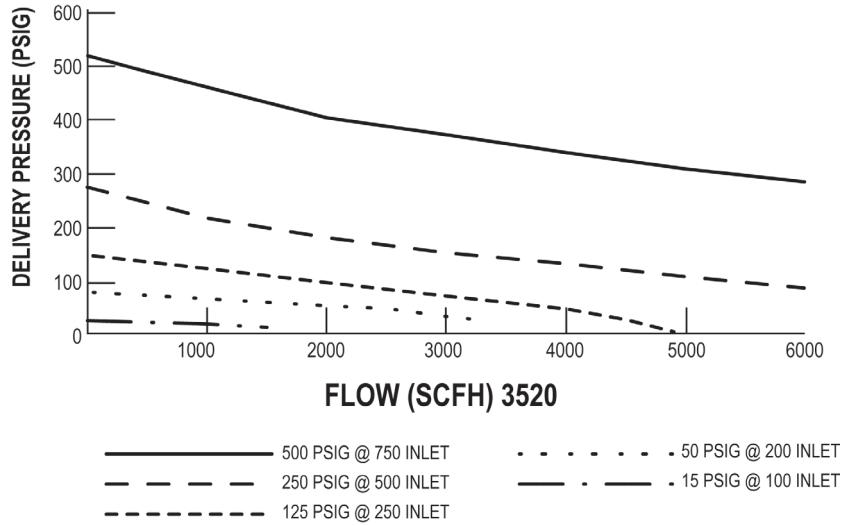
NOTE: Regulators with delivery pressure above 15 PSIG should not be used with acetylene.

Orders: 610.647.8744
www.appliedenergysystems.com



HP 3520 TECHNICAL SPECIFICATIONS

FLOW DATA



SPECIFICATIONS

- Pressure Regulation: 1.6 PSIG/100 PSIG
- Weight: 4.5 Lbs.

DIMENSIONS

