

# HP 3520

High Flow - Two Gauge Regulator

**NEW!**



Model HP 3520-250 shown

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
- CGA 680 Adapter Kit P/N: 9103617

## 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

## HP 3520 ORDERING INFORMATION

PART NO.	MODEL NO.	DELIVERY PRESSURE		INLET /OUTLET FITTING
		DELIVERY	(OUTLET GAUGE)	
3003560*	HP 3520	0-15 PSIG	(30 psi/2 bar)	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	(1000 psi/70 bar)	

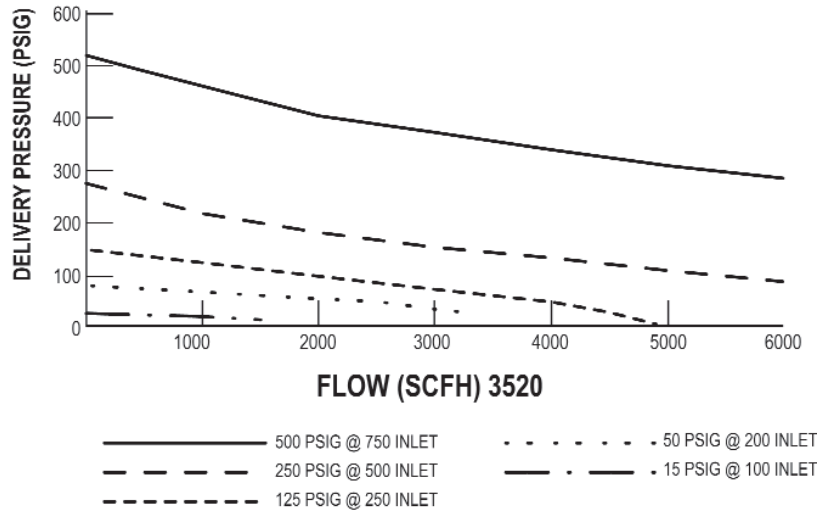
\*0-15 PSIG model has neoprene diaphragm and seat

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

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

# HP 3520 TECHNICAL SPECIFICATIONS

## FLOW DATA



## SPECIFICATIONS

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

## DIMENSIONS

