

## Gas Cylinder Regulators

To plumb your system properly, select one of our economical brass regulators and the proper gas purification devices from our newly expanded product offering. These regulators and our broad spectrum of in-line filters, combination traps, and gas purification systems are an excellent combination to plumb your systems.

Helpful Hint: Always depressurize a regulator before closing the adjusting knob and removing the regulator from the cylinder.

### Brass Body, Dual Stainless Steel Diaphragms

#### Specifications:

Max inlet pressure:	3000 psi
Operating temp:	-40°F to 165°F
Inlet-outlet port:	1/4" Male NPT
Outlet valve:	1/4" Male NPT
	2 1/2" Dual scale gauges
	CGA-346, 350, 340, 580, 590
	Internal self-reseating relief valve
Delivery pressure:	1 to 125 psi
Weight:	5.6 lbs

#### Materials of Construction:

Body:	Brass
Bonnet:	Brass
Diaphragms:	Stainless Steel
Seat material:	PTFE
Seat assemblies:	Encapsulated
Gauges:	Brass
Adjusting knob:	ABS plastic
Outlet needle valve:	Brass



Cat. No.	Description
5183-4641	CGA 346, 125 psi max, Air
5183-4642	CGA 350, 125 psi max, H <sub>2</sub> , Ar/Me
5183-4643	CGA 540, 125 psi max, O <sub>2</sub>
5183-4644	CGA 580, 125 psi max, He, Ar, N <sub>2</sub>
5183-4645	CGA 590, 125 psi max, Air

For 1/4" tubing, purchase a 1/4" adapter, listed below.

### Regulator Outlet Adapters—Female NPT to Swagelok-style

Cat. No.	Description
0100-0118	1/4" to 1/8" brass (included with regulators)
0100-0119	1/4" to 1/4" brass*

\* Required for plumbing 1/4" tubing to regulators above



6890/6850 Split Vent Trap



Spectra-Link Tubing Connecting System  
on a two-stage regulator

## Spectra-Link Flexible Tubing

- **Stainless Steel:** no outgassing or permeation through polymeric materials
- **Quick Connection:** prevents air from entering gas lines during tank changeover
- **Tested:** each system has leak rates < 1 x 10<sup>-5</sup> cc/sec

Cat. No.	Description
SL-8	Spectra-Link 36" SS line with 1/8" ftgs
SL-4	Spectra-Link 36" SS line with 1/4" ftgs

### Copper Tubing—Precleaned

5180-4196	Copper tubing, 1/8", 50 ft
5021-7107	Copper tubing, 1/8", 12 ft



## Universal/External Split Vent Trap

Split vent trap stops environmental pollution. The split vent trap was designed to protect the lab environment from the contaminants released by split injection systems, which can vent up to 500 times the amount of sample reaching the detector into the laboratory's air. A replaceable, impregnated carbon filter media traps and eliminates a broad range of contaminants. Replace approximately every six months.

Cat. No.	Description
RDT-1020	Split vent trap with 3 cartridges (1/8" Swagelok fitting)
RDT-1023	3-pack of replacement cartridges

Replacement Split Vent Trap for 6890/6850	
G1544-80530	2 replacement filters, 4 O-rings