

### 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	Price
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	Price
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	Price
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	Price
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

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