

# HIGH PRESSURE REGULATORS

## Series 3860T

### DESCRIPTION

The Series 3860T high pressure regulators are designed to safely reduce inlet pressures from cylinders filled with gases to 6000 psig. The self-venting feature of the regulator allows the operator to reduce the pressure setting in a closed system by venting the downstream pressure through the regulator.

### FEATURES

- Full 6000 psig delivery pressure capability.
- Available in brass or stainless steel.
- Self-venting design for ease of pressure adjustment.
- Unbalanced stem assures positive shut-off.
- Removable valve assembly module permits ease of repairs.
- Large adjusting knob provides fast low-torque pressure settings.

### SPECIFICATIONS

Maximum Inlet:

brass	6000 psig
stainless steel	10000 psig

Operating temperature: 40° to 165°F.

Cv factor: 0.2

Leakage: bubble-tight

Inlet and Outlet ports: 1/4" NPT female

Weight: 5 lbs.



### MATERIALS OF CONSTRUCTION

	3860TB	3860TS
Body:	brass	303 stainless steel
Bonnet:	brass	nickel plated brass
Main valve seat:	Vespel	Vespel
Vent valve seat:	Kel-F®	Kel-F®
Seals:	Buna-N	Buna-N
Back-up rings:	Buna-N and Teflon®	Buna-N and Teflon®
Gauges:	brass	316 stainless steel

### HOW TO ORDER

Model Number	Del. Press. Range psig	Del. Press. Gauge psig	Inlet Press. Gauge** psig
3860TB-500-CGA*	0-500	0-600	0-7500
3860TB-1000-CGA*	0-1000	0-2000	0-7500
3860TB-1500-CGA*	10-1500	0-2000	0-7500
3860TB-2500-CGA*	15-2500	0-4000	0-7500
3860TB-4000-CGA*	25-4000	0-6000	0-7500
3860TB-6000-CGA*	50-6000	0-7500	0-7500
3860TS-500-CGA*	0-500	0-1000	0-10,000
3860TS-1000-CGA*	0-1000	0-2000	0-10,000
3860TS-1500-CGA*	10-1500	0-3000	0-10,000
3860TS-2500-CGA*	15-2500	0-3000	0-10,000
3860TS-4000-CGA*	25-4000	0-6000	0-10,000
3860TS-6000-CGA*	50-6000	0-10,000	0-10,000
3860TS-10,000-CGA*	100-10,000	0-10,000	0-10,000

\*Specify CGA connection when ordering.

Add prefix "NV" to model number if self-venting feature is not desired (i.e. NV3860TB-6000-677).

Self-venting feature is not recommended with flammable or toxic gases.

\*\*Regulators fitted with a CGA connection rated for 3000 psig will have a 0-4000 psig brass, or 0-3000 psig SS inlet pressure gauge.