

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.
C _v Factor:		0.06
Leakage:		bubble-tight
Inlet and Outlet port:		1/4" NPT female
Weight:		5lbs.

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	0-1000	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

*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.