Regulator Model Identification Symbols

Regulator Model Identification

SR.....Single Stage
HSR.... Single Stage with Flowmeter
VTS.....Two Stage Design
HVTS...Two Stage with Flowmeter
AR..... Air Relieving
S.....Station
L.....Line
HRF.....Single Stage with Internal Flowmeter
AF.....Argon Flowgauge
CF.....CO_2 Flowgauge
DL..... Dome Loaded
BSL.....Bulk System Line
VGS....Gaugeless Regulator Single Stage
DFM....Dual Flowmeter
LC..... Liquid Cylinder
VGT.....Victor Gaugeless Two Stage

Regulator Delivery Ranges

A	2-15 PSIG
B	2-40 PSIG
C	4-80 PSIG
D	5-125 PSIG
E	10-200 PSIG
F	50-750 PSIG
G	100-1500 PSIG
J	200-3000 PSIG
K	300-4500 PSIG

Outlet pressure delivery ranges are not minimum or maximum outlet pressure limits. Regulators can be adjusted to zero PSIG outlet pressure and generally, to pressures in excess of those specified. The use of these regulators to control pressures outside of the specified ranges is not recommended.

Sample Model Number:

SR 250 D 540 0781-0043

- SR — Single Stage Model
- 250 — 250 Series
- D — 5-125 PSIG Delivery Range
- 540 — For Oxygen Service CGA 540 Inlet
- 0781-0043 — Part Number

Single or Two Stage model designations as well as those identifying delivery range are common to all regulators unless other wise noted on individual ordering charts. When ordering be certain to specify delivery range, CGA inlet connections, and regulator part number.

Regulator Gauges:

Unless otherwise noted, high pressure gauges for all oxygen, inert gas, CO_2 and N_2O, and hydrogen models are graduated 200-4000 PSIG. High pressure gauges for fuel gas models are graduated 10-400 PSIG. Low pressure or outlet gauge ranges are determined by the regulator delivery range selected:

A Range.....2-30 PSIG Gauge
B Range.....2-60 PSIG Gauge
C Range..... 4-100 PSIG Gauge
D Range..... 5-200 PSIG Gauge
E Range.....10-400 PSIG Gauge
F Range.....50-1000 PSIG Gauge
G Range..... 100-2000 PSIG Gauge
J Range.....200-4000 PSIG Gauge
K Range.....200-6000 PSIG Gauge

Notes:

When ordering regulators, specify part numbers.
See table of contents for information on Inlet connections for research and speciality gases.
See table of contents for CGA inlet connection specifications.

Regulators should not be used as a shut-off valve.

Commercial Gases & CGA Inlet Connections

CGA Inlet Connection — Gases	CGA Inlet Connection — Gases
CGA 200 - Acetylene (MC)	**CGA 660** - Corrosive
CGA 240 - Ammonia	**CGA 677** - Nitrogen, Argon & Helium
CGA 300 - Acetylene (Commercial)	**CGA 680** - Nitrogen, Argon
CGA 320 - Carbon Dioxide	**CGA 701** - Oxygen
CGA 326 - Nitrous Oxide	**CGA 992** - British Oxygen & Inert Gas
CGA 346 - Air (Formerly 1340)	**CGA 993** - British Fuel Gas
CGA 347 - Air	**CGA 996** - Manifold Oxygen & Inert Gas
CGA 350 - Fuel Gas, Hydrogen	**CGA 997** - Manifold Fuel Gas
CGA 500 - Medical Mixtures	**CGA 024** - Station Oxygen
CGA 510 - Acetylene (POL)	**CGA 025** - Station Fuel Gas
CGA 520 - Acetylene (B)	**CGA 034** - Station Inert Gas
CGA 540 - Oxygen	
CGA 555 - Propane, Butane	
CGA 577 - Oxygen	
CGA 580 - Nitrogen, Argon, Helium	
CGA 590 - Air (Industrial)	