



SR 700 Series/Single Stage Extra Heavy Duty

SR 700



UL Listed
Conforms to
CGA E-4

SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	CGA Inlet Connection
SR 700	A	540

Gas Service	Model No.	Delivery Range (PSIG)	Part No.
Air, Oxygen, Inert Gas	SR 700 D-540	5-125	0780-0727
	SR 700 D-580	5-125	0780-0728
	SR 700 E-346	10-200	0780-0742
	SR 700 E-540	10-200	0780-0739
	SR 700 E-580	10-200	0780-0743
Methane, Hydrogen	SR 702 E-350	10-200	0780-0767
Acetylene	SR 710 A-510	2-15	0780-0784
L.P. Gas	SR 711 D-510	5-125	0780-0795

***Delivery Range Key**
A 2-15 PSIG, **D** 5-125 PSIG, **E** 10-200 PSIG
Outlet Connections: 7/8" - 14 (M)

APPLICATION & USES

SR 700 Series

- Extra heavy duty
 - High flow rate - Up to 11,800 SCFH
 - Heavy duty cutting application
 - Single stage construction (Illus. Page 5)
 - Manifold models available
- See page 19, Section A

Dimensions: 6-1/2" W x 7-7/8" H x 7" D
 (16.5cm x 20.3 cm x 18 cm)

Weight: 7 lb. 10 oz. (3.79 kg)

DESIGN/CONSTRUCTION

- Forged brass body and housing cap
- 2-1/2" Gauges Brass
- Stem type seat mechanism
- 3-1/4" diaphragm (Stainless Steel)
- Delrin® cap bushing for smooth adjustments
- External self reseating relief valve
 Not designed to protect downstream apparatus
 (No relief valve is needed on SR 710 and SR 711 series regulators)
- Sintered inlet filter

PERFORMANCE

Maximum Inlet3000 PSIG
 Delivery Range.....See chart*

SPECIFICATIONS MATERIALS

BodyForged Brass
 Diaphragm.....Stainless Steel
 Housing CapForged Brass
 Inlet Filter.....Bronze

NOTE: Regulators will deliver at least the stated upper range and in some cases may exceed the stated upper range.

Flow Chart: Section A, Page 41

Heavy Duty Pressure Regulators, Single Stage