



SR 250 Series / Single Stage Medium Duty

SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	CGA Inlet Connection
SR 250	A	540



SR 250

UL Listed
Conforms to
CGA E-4

APPLICATION & USES SR 250 Series

- Medium duty capacity.
- Ideal for welding and cutting applications.
- Compact single stage construction.
See Illus. page 5, Section A

Dimensions: 6-3/8" W x 5-1/8" H x 4-1/4" D
(16.5 cm x 13 cm x 11 cm)

Weight: 2 lb. 15 oz. (1.4 kg)

DESIGN/CONSTRUCTION

- Forged brass body and housing cap
- 2" gauges
- Stem type seat mechanism
- 1-3/4" diaphragm
- Delrin® cap bushing for smooth adjustments
- External self reseating relief valve not designed to protect downstream apparatus (No relief valve is needed on SR 260 and SR 261 series regulators)
- Sintered inlet filter

SPECIFICATIONS PERFORMANCE

Maximum Inlet3000 PSIG
Delivery RangeSee chart

MATERIALS

Body.....Forged Brass
Diaphragm.....Fabric Reinforced Neoprene
Housing Cap.....Forged Brass
Inlet Filter..... Bronze

NOTE: Regulators will deliver at least the stated upper range at no flow and in some cases may exceed the stated upper range.

Gas Service	Model No.	Delivery Range (PSIG)	Part No.
Air, Oxygen, Inert Gas	SR 250A-540	2-15	0781-0003
	SR 250A-580 ⁰⁴	2-15	0781-0004
	SR 250B-580 ⁰⁴	2-40	0781-0016
	SR 250C-346 ⁰⁵	4-80	0781-0002
	SR 250C-540	4-80	0781-0027
	SR 250C-580 ⁰⁴	4-80	0781-0028
	SR 250C-590 ⁰⁵	4-80	0781-0029
	SR 250C-540-CS	4-80	0387-0113
	SR 250D-346 ⁰⁵	5-125	0781-0010
	SR 250D-540	5-125	0781-0043
	* CSR 250D-540	5-125	0781-0033
SR 250D-580 ⁰⁴	5-125	0781-0044	
Methane Hydrogen	SR 252B-350	2-40	0781-0059
	SR 252C-350	4-80	0781-0065
	SR 252D-350	5-125	0781-0068
CO ₂	SR 253B-320 ⁰⁴	2-40	0781-0075
	SR 253C-320 ⁰⁴	4-80	0781-0077
	SR 253D-320 ⁰⁴	5-125	0781-0079
Acetylene	SR 260A-300	2-15	0781-0085
	** CSR 260A-300	2-15	0781-0244
	SR 260A-510	2-15	0781-0087
	** CSR 260A-510	2-15	0781-0232
	SR 260A-510 WQ	2-15	0781-0090
SR 260A-510-CS	2-15	0387-0115	
L.P. Gas	SR 261B-510	2-40	0781-0095
	SR 261C-510	4-80	0781-0098
	SR 261D-510	5-125	0781-0104

Delivery Range Key

A 2-15 PSIG **B** 2-40 PSIG **C** 4-80 PSIG **D** 5-125 PSIG

Outlet Connections: Cylinder Type

9/16" - 18 (M)

⁰⁴ = 5/8" - 18 (F) RH

⁰⁵ = 5/8" - 18 (F) LH

CS Clamshell pkg.

WQ (Fits Linde WQ type acetylene cylinders)

CSR * Green Gauges-Oxygen ** Red Gauges-Fuel



* **CSR 250**



** **CSR 260**

Flow Chart: Section A, Page 41

Medium Duty Regulators, Single Stage

A