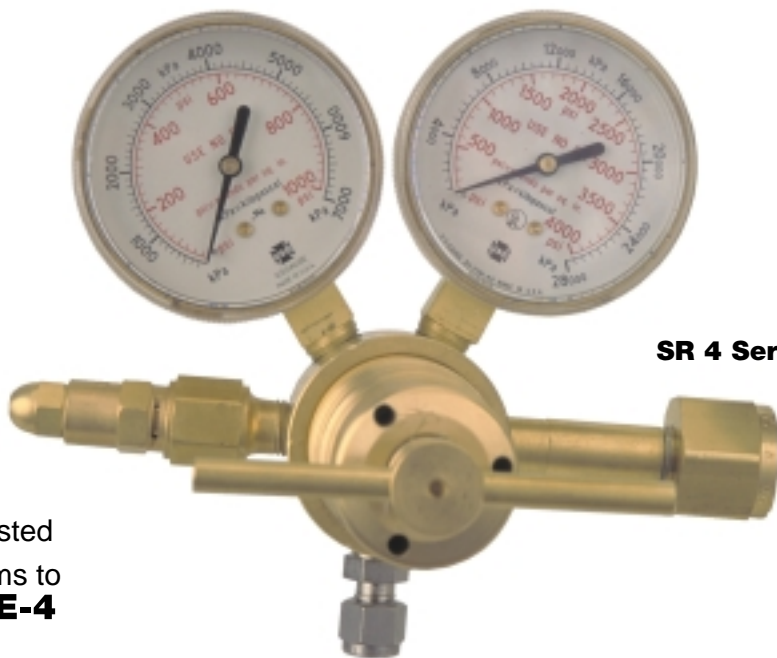




# SR 4 Series High Pressure Piston Regulators Single Stage



**SR 4 Series**

 Listed  
Conforms to  
**CGA E-4**

## APPLICATION & USES

### SR 4\* Series

- High Pressure.
- Ideally suited for pressure vessel testing.
- Dead-end testing.
- Delivery pressures up to 4500 PSIG on some models.
- May be panel mounted.
- Single Stage design.

**Dimensions:** 6" W x 6-1/2" H x 6-1/4" D  
(15 cm x 16 cm x 15.5 cm)

**Weight:** ..... 4 lb. (1.8 kg)

### OTHER DATA

- All SR 4 series regulators have 1/4" swaged lock type stainless steel outlet fittings.

### Panel Mounting Details

- All SR 4 series regulator models may be panel mounted. (1-3/4" hole required in panel for mounting) For a flush panel mount installation order one (1) panel mount nut 1409-0093. For an adjustable panel mount installation order two (2) panel mount nuts 1409-0093.

## DESIGN/CONSTRUCTION

- Piston type actuation
- Machined body and cap
- 2-1/2" gauges brass
- Cartridge type seat assembly with PCTFE seat
- Delrin® cap bushing for smooth adjustments
- External adjustable relief valves on F and G range models
- Hydrogen models have ventable relief valves
- Sintered inlet filter

## SPECIFICATIONS PERFORMANCE

### MAXIMUM INLET

7500	PSIG with CGA 677
6000	PSIG without Inlet Fitting
5500	PSIG with CGA 701, 680, 347
4000	PSIG with CGA 577
3000	PSIG with CGA 540, 580, 346, 350

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

## MATERIALS

Body .....	Machined Brass
Piston .....	Brass
Housing Cap .....	Machined Brass
Inlet Filter .....	Bronze

**Flow Chart:** Section A, Page 44

**High Pressure Regulation, Single Stage**



# SR 4 Series High Pressure Piston Regulators Single Stage (cont.)

High Pressure Regulation, Single Stage

### SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	CGA Inlet Connection
<b>SR 4</b>	<b>F</b>	<b>580</b>

Gas Service	Model No.	Delivery Range (PSIG)	Part No.
Oxygen	SR 4F-540	50-750	0781-1405
	SR 4G-540	100-1500	0781-1425
	SR 4J-540	200-3000	0781-1445
Inert Gas	SR 4F-580	50-750	0781-1408
	SR 4F-680	50-750	0781-1410
	SR 4G-580	100-1500	0781-1428
	SR 4G-680	100-1500	0781-1430
	SR 4J-580	200-3000	0781-1448
	SR 4J-680	200-3000	0781-1450
	SR 4J-677	200-3000	0781-1453
	SR 4K-680	300-4500	0781-1470
	SR 4K-677	300-4500	0781-1473
Air	SR 4F-347	50-750	0781-1403
	SR 4G-346	100-1500	0781-1422
	SR 4J-346	200-3000	0781-1442
	SR 4K-347	300-4500	0781-1463
Methane Hydrogen	SR 4F-350	50-750	0781-1404
	SR 4G-350	100-1500	0781-1424
	SR 4J-350	200-3000	0781-1444
Carbon Dioxide	SR 4F-320	50-750	0781-1401
Panel Mount 1/4" NPT Inlet	SR 4PF-250 *	50-750	0781-1415
	SR 4PG-250 *	100-1500	0781-1420
	SR 4PJ-250 *	200-3000	0781-1455
	SR 4PK-250 *	300-4500	0781-1475
Manifold High Pressure	SR 4TJ-996	200-3000	0781-1454

**Delivery Range Key**  
**F** 50-750 PSIG   **G** 100-1500 PSIG  
**J** 200-3000 PSIG   **K** 300-4500 PSIG

**Inlet Fitting:** \* - 1/4" NPT (F)  
**Outlet Fitting:** 1/4" Swagelok® type stainless steel.