

Regulators

HIGH PRESSURE/MANIFOLD

SR 4

High Pressure

Heavy duty, high pressure piston regulator. Ideally suited for pressure vessel and dead-end testing. Delivery pressures up to 4500 PSIG on some models.

DESIGN/CONSTRUCTION

- Machined brass body & housing cap
- 2.5" (63.5 mm) gauges – brass
- Cartridge type seat assembly with PCTFE seat
- Piston type actuation – brass
- Delrin cap bushing for smooth adjustments
- External adjustable relief valves on F and G range models
- Hydrogen models have ventable relief valves (J Series does not)
- Sintered inlet filter – bronze

DIMENSIONS

6" W x 6.5" H x 6.25" D (152.4 mm x 165.1 mm x 158.8 mm)

WEIGHT

4 lb. (1.81 kg)

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

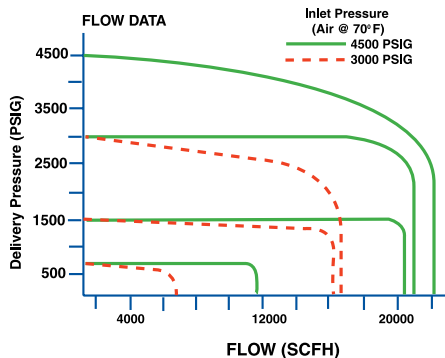
3000 PSIG with CGA 540, 580, 346, 350

PANEL MOUNTING DETAILS

All SR 4 Series regulator models may be panel mounted.

(1.75" (44.5 mm) hole required in panel for mounting)

For a flush panel mount installation order one panel mount nut 1409-0093. For an adjustable panel mount installation order two panel mount nuts 1409-0093.



Gas Service	Part No.	Model No.	Delivery Range (PSIG)
Oxygen	0781-1405	SR 4F-540	50-750
	0781-1425	SR 4G-540	100-1500
	0781-1445	SR 4J-540	200-3000
Inert Gas	0781-1408	SR 4F-580	50-750
	0781-1410	SR 4F-680	50-750
	0781-1428	SR 4G-580	100-1500
	0781-1430	SR 4G-680	100-1500
	0781-1448	SR 4J-580	200-3000
	0781-1450	SR 4J-680	200-3000
	0781-1453	SR 4J-677	200-3000
	0781-1470	SR 4K-680	300-4500
0781-1473	SR 4K-677	300-4500	
Air	0781-1403	SR 4F-347	50-750
	0781-1422	SR 4G-346	100-1500
	0781-1442	SR 4J-346	200-3000
	0781-1463	SR 4K-347	300-4500
Methane, Hydrogen	0781-1404	SR 4F-350	50-750
	0781-1424	SR 4G-350	100-1500
	0781-1444	SR 4J-350	200-3000
CO ₂	0781-1401	SR 4F-320	50-750
Panel Mount 1/4" NPT Inlet	0781-1415	*SR 4PF-250	50-750
	0781-1420	*SR 4PG-250	100-1500
	0781-1455	*SR 4PJ-250	200-3000
	0781-1475	*SR 4PK-250	300-4500
Manifold High Pressure	0781-1454	SR 4TJ-996	200-3000

Inlet: *1/4" NPT(F)

Outlet Fitting: 1/4" Swagelok type stainless steel.

+5/8"-20 UNF(M) inlet 1/8" NPT(F) outlet

REGULATORS