

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

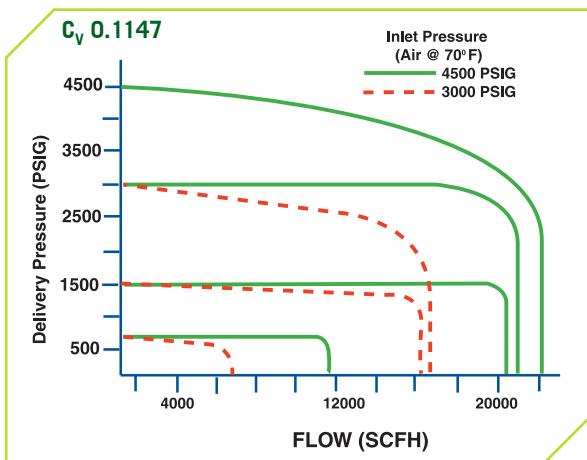
- Maximum Inlet
 - 7500 psig with CGA 677
 - 6000 psig without inlet fitting
 - 5500 psig with CGA 701, 680, 347
 - 4000 psig with CGA 577
 - 3000 psig with CGA 540, 580, 346, 350

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.



SR 4 FLOW DATA



| 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 |
| | 0781-1408 | SR 4F-580 | 50-750 |
| Inert Gas | 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 |
| Air | 0781-1473 | SR 4K-677 | 300-4500 |
| | 0781-1403 | SR 4F-347 | 50-750 |
| | 0781-1422 | SR 4G-346 | 100-1500 |
| | 0781-1442 | SR 4J-346 | 200-3000 |
| Methane, Hydrogen | 0781-1463 | SR 4K-347 | 300-4500 |
| | 0781-1404 | SR 4F-350 | 50-750 |
| | 0781-1424 | SR 4G-350 | 100-1500 |
| CO ₂ | 0781-1444 | SR 4J-350 | 200-3000 |
| | 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