

SR 4 Series

- Heavy duty
- 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 6.5" H x 6.25" D
(152.4mm x 165.1mm x 158.8mm)

Weight: 4 lb. (1.81kg)

PANEL MOUNTING DETAILS

• All SR 4 Series regulator models may be panel mounted. (1.75" (44.5mm) 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.

DESIGN/CONSTRUCTION

- Machined brass body and housing cap
- 2.5" (63.5mm) 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

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

SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	CGA Inlet Connection
SR 4	F	580

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
CO ₂	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

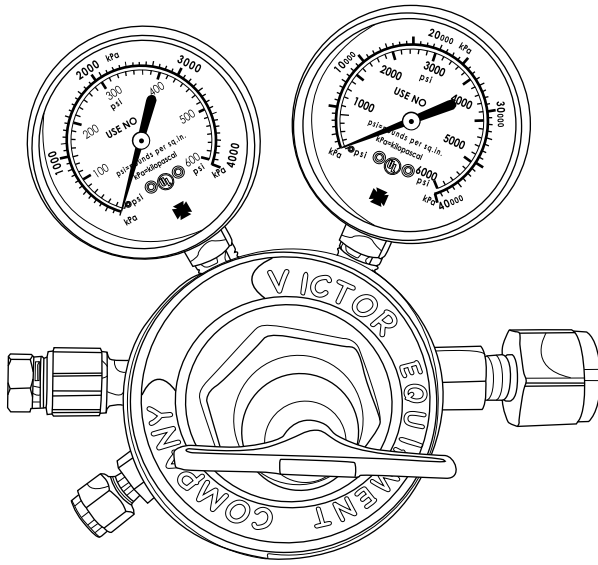
Regulators will deliver at least the stated upper range at no flow and in some cases may exceed the stated upper range.

Adapter: 5/8"-20 UNF(M) x 1/4" NPT(F) 0912-0094

CGA 680, 677 & 347: inlet port 5/8"-20 UNF(M) all others 1/4" NPT(F)

Outlet & Inlet: *1/4" NPT(F)

Outlet Fitting: 1/4" Swagelok type stainless steel.
+5/8"-20 UNF(M) inlet 1/8" NPT(F) outlet



SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	CGA Inlet Connection
SR 600	350	540

Gas Service	Model No.	Delivery Range (PSIG)	Part No.
Inert Gas	SR 600-350-580	5-350	0781-1601
High Pressure Inert Gas	SR 600-350-680	5-350	0781-1604
High Pressure Air	SR 600-350-347	5-350	0781-1605
Oxygen	SR 600-550-540	5-550	0781-1610
Inert Gas	SR 600-550-580	5-550	0781-1611
Adapter: 5/8"-20 UNF(M) x 1/4" NPT(F) 0912-0094			

SR 600 Series

- Heavy duty
- Designed for pressure testing
- Ideal where 350 or 550 PSIG (maximum) delivery pressures are needed
- Dead-end testing
- Single stage design

Dimensions: 7.5" W x 6" H x 5" D
(190.5mm x 152.4mm x 127.0mm)

Weight: 5 lb. 7 oz. (2.47kg)

DESIGN/CONSTRUCTION

- Forged brass body and housing cap
- 2.5" (63.5mm) gauges - brass (6000 lb. high pressure, 600 lb. and 1000 lb. low pressure)
- Cartridge type seat assembly with PCTFE seat
- Diaphragm - stainless steel
- External self-reseating relief valve
- CGA 540, 580, 346 have a maximum inlet pressure of 3000 PSIG

PERFORMANCE

Maximum inlet.....5500 PSIG
 Outlet pressure ranges.....350 and 550 PSIG
 Inlet port.....5/8"-20 UNF(M)
 Outlet fitting.....1/4" Swagelok-brass
 Temperature operating range.....0-140°F

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