



# SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

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ISO 45001:2018 OHSMS



## SY-VICTOR OXYGEN REGULATOR



**Victor 0781-1610 SR600-550-540 Oxygen Regulator**

### Technical Details

Manufacturer	Victor
Brand	Victor
Model Number	0781-1610
Item Weight	3.05 Kilograms
Manufacturer Part Number	0781-1610
Item Weight	3.05 kg

### Product description

Victor Professional High Pressure SR 600, High Capacity, 550 PSIG, Oxygen, 540, 1/4' brass tube fitting



# SY-VICTOR OXYGEN REGULATOR

## 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

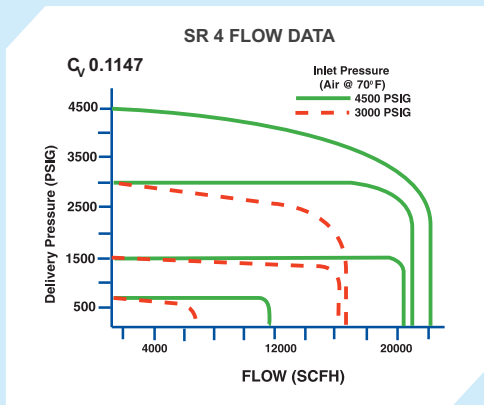
### PANEL MOUNTING DETAILS

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.

## Regulators HIGH PRESSURE / MANIFOLD



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



# SY-VICTOR OXYGEN REGULATOR

## SR 600

### Heavy Duty

Single stage regulator designed for pressure testing and ideal where 350 or 550 psig (maximum) delivery pressures are needed, such as dead-end testing

### DESIGN/CONSTRUCTION

- Forged brass body & housing cap
- 2.5" (63.5 mm) 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



### DIMENSIONS

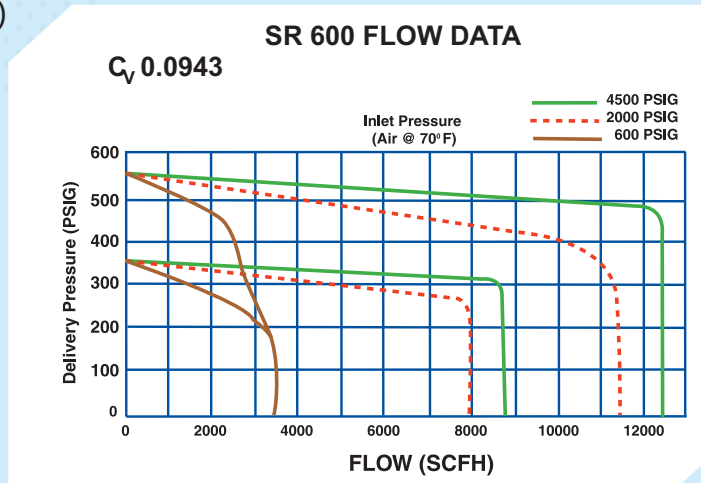
7.5" W x 6" H x 5" D (190.5 mm x 152.4 mm x 127.0 mm)

### WEIGHT

5 lb 7 oz (2.47 kg)

### 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



Gas Service	Part No.	Model No.	Delivery Range (psig)
Inert Gas	0781-1601	SY- SR 600-350-580	5-350
High Pressure Inert Gas	0781-1	SY- SR 600-350-680	5-350
High Pressure Air	0781-16	SY- SR 600-350-347	5-350
Oxygen	0781-1610	SY- SR 600-550-540	5-550
Inert Gas	0781-1611	SY- SR 600-550-580	5-550



## SY-VICTOR OXYGEN REGULATOR

### Manifold Regulators

#### Heavy Duty

Wide range of flow capabilities  
 Wide range of pressure delivery  
 Single and two stage models available



Gas Service	Part No.	Model No.	Delivery Range (psig)
<b>HIGH PRESSURE DELIVERY, PISTON</b>			
	0781-1457	SY-SR 4MF-996	50-750
Air,	0781-1437	SY-SR 4MG-996	100-1500
Oxygen,	0781-1458	SY-SR 4MJ-996	200-3000
Inert Gas,	0781-1436	SY-SR 4MF-997	50-750
Hydrogen	0781-1438	SY-SR 4MG-997	100-1500
	0781-1456	SY-SR 4MJ-997	200-3000

<b>SINGLE STAGE</b>			
Air, Oxygen, Inert Gas	0781-0611	SY-SR 450MD-996	5-125
	0781-0612	SY-SR 450ME-996	10-200
Methane, Hydroge	0781-0613	SY-SR 452MD-	5-125
CO <sup>2</sup>	0781-0615	SY-SR 453MD-996	5-125
Acetylene	0781-0617	SY-SR 460MA-9	2-15
L.P. Gas	0781-0618	SY-SR 461MB-997	2-40
	0781-0619	SY-SR 461MD-997	5-125

<b>EXTRA HIGH FLOW, SINGLE STAGE</b>			
	0780-0797	SY-SR 700MD-996	5-125
Air, Oxygen, Inert Gas	0780-0798	SY-SR 700ME-996	10-200
	0780-0809	SY-SR 700MD-500	5-125
Methane, Hydrogen	0780-0803	SY-SR 702ME-997	10-200
CO <sub>2</sub>	0780-0804	SY-SR 703MD-996	5-125
	0780-0805	SY-SR 703ME-996	10-200
Acetylene	0780-0806	SY-SR 710MA-997	2-15
L.P. Gas	0780-0807	SY-SR 711MB-997	2-40

<b>TWO STAGE</b>			
Methane, Hydrogen	0781-3961	SY-VTS 452MD-997	5-125
	0781-3962	SY-VTS 452ME-997	10-200

<b>TWO STAGE, HIGH FLOW</b>			
Air, Oxygen, Inert Gas	0780-0997	SY-VTS 700MD-996	5-125
	0780-0998	SY-VTS 700ME-996	10-200
CO <sub>2</sub>	0780-1004	SY-VTS 703MD-996	5-125
	0780-1005	SY-VTS 703ME-996	10-200
Acetylene	0780-1006	SY-VTS 710MA-997	2-15
L.P. Gas	0780-1007	SY-VTS 711MB-997	2-40
Inlet Connection: 1"-11.5 NPS(M)			
Outlet Connections: 1"-11.5 NPS(F)			



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## SYNERGY INFRASTRUCTURE





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## SY-VICTOR OXYGEN REGULATOR

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