

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)

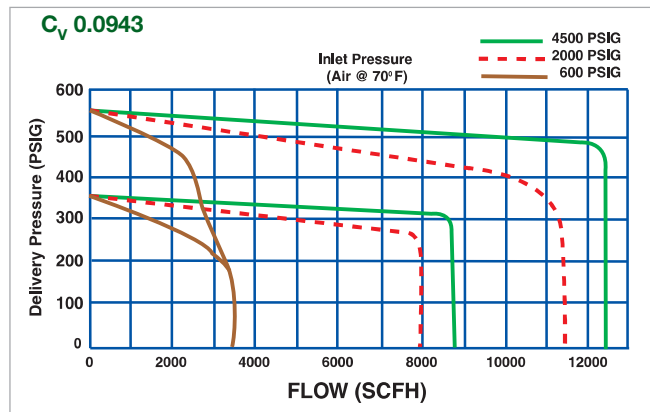
WEIGHT

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

SR 600 FLOW DATA



Gas Service	Part No.	Model No.	Delivery Range (psig)
Inert Gas	0781-1601	SR 600-350-580	5-350
High Pressure Inert Gas	0781-1604	SR 600-350-680	5-350
High Pressure Air	0781-1605	SR 600-350-347	5-350
Oxygen	0781-1610	SR 600-550-540	5-550
Inert Gas	0781-1611	SR 600-550-580	5-550

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)
HIGH PRESSURE DELIVERY - PISTON			
	0781-1457	SR 4MF-996	50-750
	0781-1437	SR 4MG-996	100-1500
Air, Oxygen, Inert Gas, Hydrogen	0781-1458	SR 4MJ-996	200-3000
	0781-1436	SR 4MF-997	50-750
	0781-1438	SR 4MG-997	100-1500
	0781-1456	SR 4MJ-997	200-3000
SINGLE STAGE			
Air, Oxygen, Inert Gas	0781-0611	SR 450MD-996	5-125
	0781-0612	SR 450ME-996	10-200
Methane, Hydrogen	0781-0613	SR 452MD-997	5-125
CO ₂	0781-0615	SR 453MD-996	5-125
Acetylene	0781-0617	SR 460MA-997	2-15
L.P. Gas	0781-0618	SR 461MB-997	2-40
	0781-0619	SR 461MD-997	5-125
EXTRA HIGH FLOW - SINGLE STAGE			
Air, Oxygen, Inert Gas	0780-0797	SR 700MD-996	5-125
	0780-0798	SR 700ME-996	10-200
	0780-0809	SR 700MD-500	5-125
Methane, Hydrogen	0780-0803	SR 702ME-997	10-200
CO ₂	0780-0804	SR 703MD-996	5-125
	0780-0805	SR 703ME-996	10-200
Acetylene	0780-0806	SR 710MA-997	2-15
L.P. Gas	0780-0807	SR 711MB-997	2-40
TWO STAGE			
Methane, Hydrogen	0781-3961	VTS 452MD-997	5-125
	0781-3962	VTS 452ME-997	10-200
TWO STAGE - HIGH FLOW			
Air, Oxygen, Inert Gas	0780-0997	VTS 700MD-996	5-125
	0780-0998	VTS 700ME-996	10-200
CO ₂	0780-1004	VTS 703MD-996	5-125
	0780-1005	VTS 703ME-996	10-200
Acetylene	0780-1006	VTS 710MA-997	2-15
L.P. Gas	0780-1007	VTS 711MB-997	2-40
Inlet Connection: 1"-11.5 NPS(M) Outlet Connections: 1"-11.5 NPS(F)			