



SR 600 Series Regulators High Pressure Regulators Single Stage

APPLICATION & USES

SR 600 Series

- Designed for pressure testing
- Ideal where 350 or 550 (maximum) delivery pressures are needed
- Dead-end testing

Dimensions: 7-1/2" W x 6" H x 5" D
(19.23 cm x 15.38 cm x 12.82 cm)

Weight: 5 lb. 7 oz. (2.70 kg)

DESIGN/CONSTRUCTION

- Forged brass body and housing cap
- Stainless steel diaphragm
- 2-1/2" gauges brass (6000 lb High Pressure, 600 lb. and 1000 lb. Low Pressure)
- Cartridge Seat Assembly
- External self-Reseating Relief Valve
- CGA 540, 580, 346 have a maximum inlet pressure of 3000 psig
- Single Stage design (See Illus. Page 5, Section A)

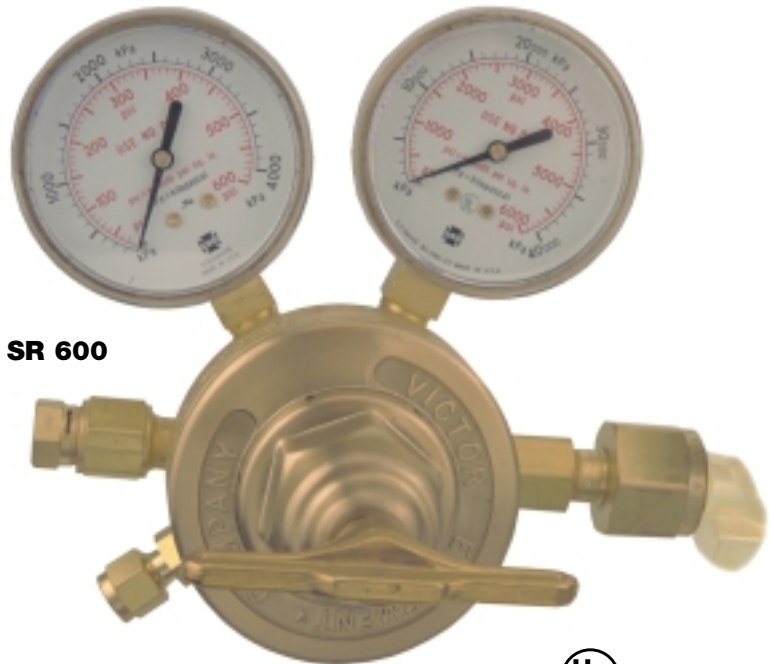
SPECIFICATIONS PERFORMANCE

Maximum Inlet5500 PSIG
 Outlet Pressure
 Ranges.....350 and 550 PSIG
 Inlet Port.....5/8"-20
 Outlet Fitting1/4" Swagelok® Brass
 Temperature Operating Range...0-140°F

MATERIALS

Body Forged Brass
 Spring Housing Cap Forged Brass
 DiaphragmStainless Steel
 NozzleBrass
 SeatPCTFE
 Seat Return SpringStainless Steel
 Pressure Adjusting SpringMusic Wire
 O-RingsBUNA-N™

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



SR 600

SAMPLE ORDERING INFORMATION

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

Listed
 Conforms to
CGA E-4

| Gas Service | Model Number | Delivery Range (PSIG) | Part Number |
|--------------------------|---------------|-----------------------|-------------|
| 350 PSIG DELIVERY | | | |
| Inert Gas | SR600-350-580 | 5-350 | 0781-1601 |
| High Pressure Inert Gas | SR600-350-680 | 5-350 | 0781-1604 |
| High Pressure Air | SR600-350-347 | 5-350 | 0781-1605 |
| 550 PSIG Delivery | | | |
| Oxygen | SR600-550-540 | 5-550 | 0781-1610 |
| Inert Gas | SR600-550-580 | 5-550 | 0781-1611 |

Outlet Fitting: 1/4" Swagelok® Brass

Flow Chart: Section A, Page 44