

## SPR Series



The SPR Series Sub atmospheric Pressure Regulator is designed for the introduction of a low vapor pressure reactive or purge gas into a sub atmospheric process. The large diameter diaphragm provides optimum sensitivity for sub atmospheric or positive pressure control.

- Gas service
  - 316L stainless steel or Brass (alloy 360) construction
  - Stainless steel diaphragm with Teflon® lining
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- Electropolished body (316L) with better than 25 Ra finish in diaphragm cavity
  - 20 micron inlet filter
  - Bubble tight shutoff
  - Outlet pressure range is 1-30 psia (27.88 in Hg - 15.3 psig)
  - Proof pressure is 2 times maximum working pressure
  - Burst pressure is 4 times maximum working pressure
  - Weight: 3.2 lbs (1.45 kg)
  - Mounting style is surface or panel (see Outline and mounting dimensions)

## Maximum Temperature & Operating Inlet Pressures

Seat Material	Maximum Temperature		Maximum Operating Inlet Pressure
Tefzel®	150° F (66° C)	@	145 psig (1000 kpa)
Viton®	250° F (121° C)	@	145 psig(1000 kpa)
Kalrez®	250° F (121° C)	@	145 psig(1000 kpa)