

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 PTFE lining
- 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)