

P627SX High Flow Slam-Shut

- Repeatability Accuracy at ~1 PSIG
- Manual Reset
- Tamper-Resistant Design

The P627SX is a safety device that will shut off in an overpressure condition. This overpressure protection device can be used as a standalone unit or in conjunction with another regulator. Complimentary to a pressure reducing regulator which controls pressure/flow at a pressure condition, the P627SX will shut off the flow at a preset pressure condition and remain closed until manually reset.



Applications

- Farm Tap
- Small Gate Stations
- Fuel Gas

P627SX Part Matrix

P627SX	0	Port Size
06		3/4"
08		1"
16		2"
		Spring Range PSIG
020		5-20
040		15-40
080		35-80
150		70-150
		Connection
	0	NPT
	A	150 #RF
	B	300 #RF
	C	600 #RF
	D	Socket Weld
	E	900 #RTJ
		Seat
	0	Nitrile
	2	Fluorocarbon
	0	
		Case/Body
	1	Steel/Steel

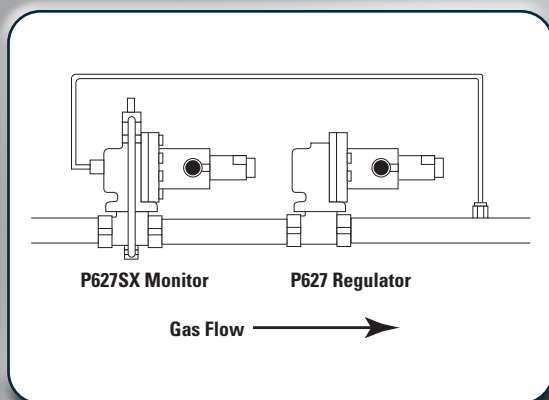
Materials of Construction

Body, Bonnet, Housing
Steel
Diaphragm
Nitrile or Fluorocarbon
Seat
Nitrile
Fluorocarbon
Orifice
Stainless Steel

Specifications

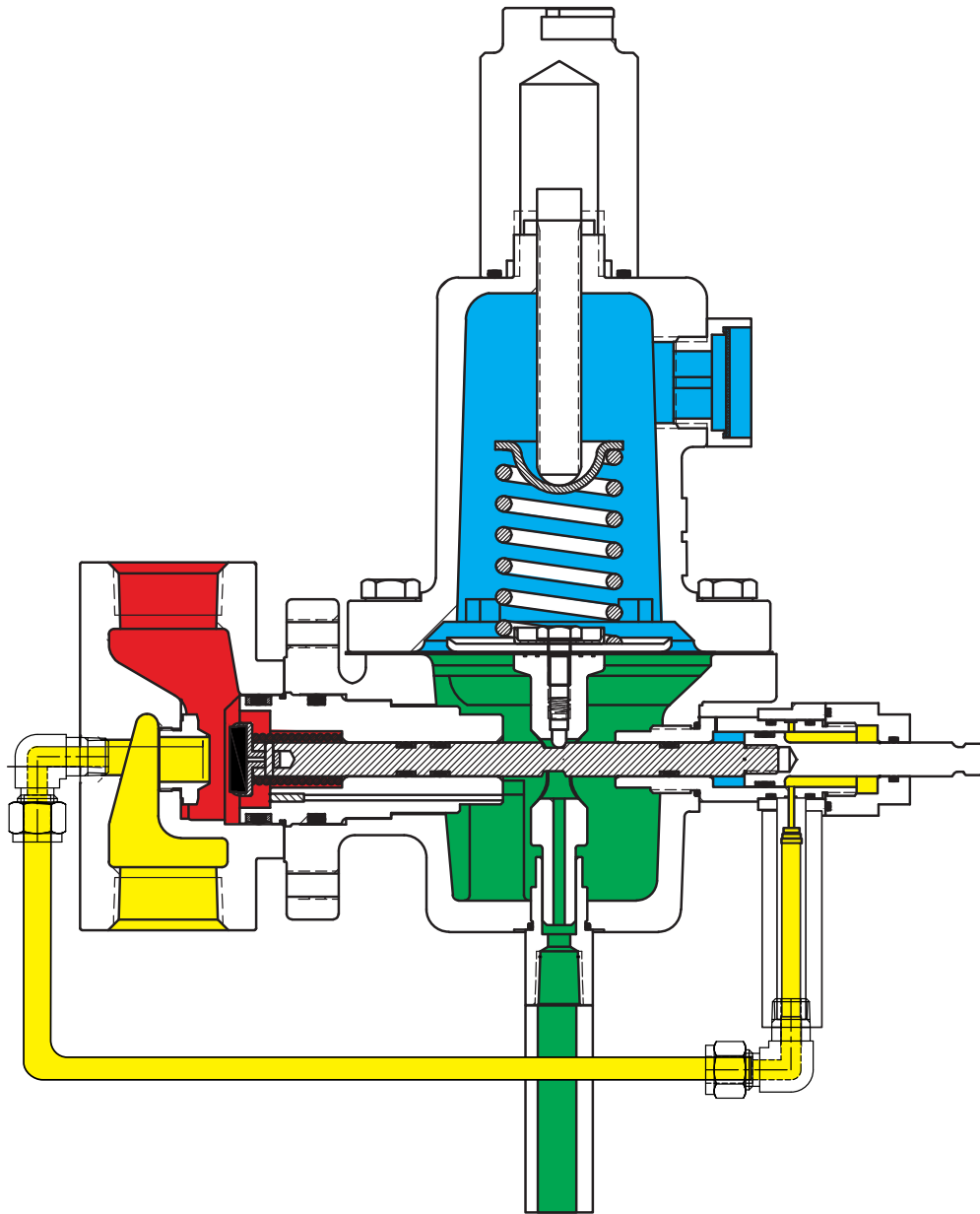
Maximum Inlet Pressure	
Nitrile Seat	1000 PSIG
Fluorocarbon Seat	300 PSIG
Orifice	
1/2"	
Body	
3/4"	
1"	
2"	
Trip Range	
5-20 PSIG	
15-40 PSIG	
35-80 PSIG	
70-150 PSIG	
Temperature Range	
-20° to 200°F (Nitrile)	
0° to 350°F (Fluorocarbon)	





P627SX Installation Example



Orifice	3/4" Body			1" Body			2" Body		
	C _g	C _v	C _i	C _g	C _v	C _i	C _g	C _v	C _i
1/2"	190	4.87	39	190	5.29	35.9	200	5.01	39.9

P627SX Color Map



-  Inlet Pressure
-  Outlet Pressure
-  Atmospheric Pressure
-  Sensing Pressure