

# 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
1		Nylon
	0	
		Case/Body
	1	Steel/Steel

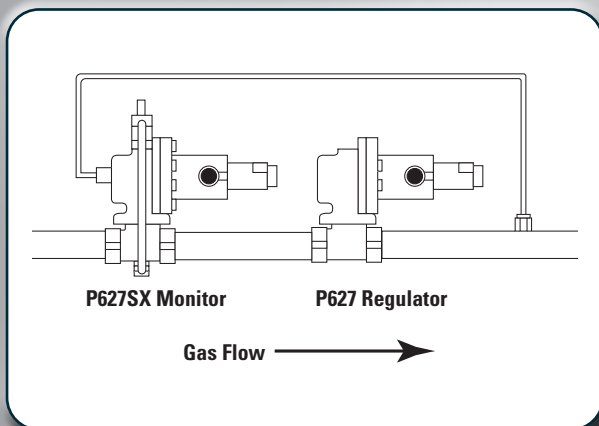
## Materials of Construction

<b>Body, Bonnet, Housing</b>
Steel
<b>Diaphragm</b>
Nitrile or Fluorocarbon
<b>Seat</b>
Nitrile
Nylon
Fluorocarbon
<b>Orifice</b>
Stainless Steel

## Specifications

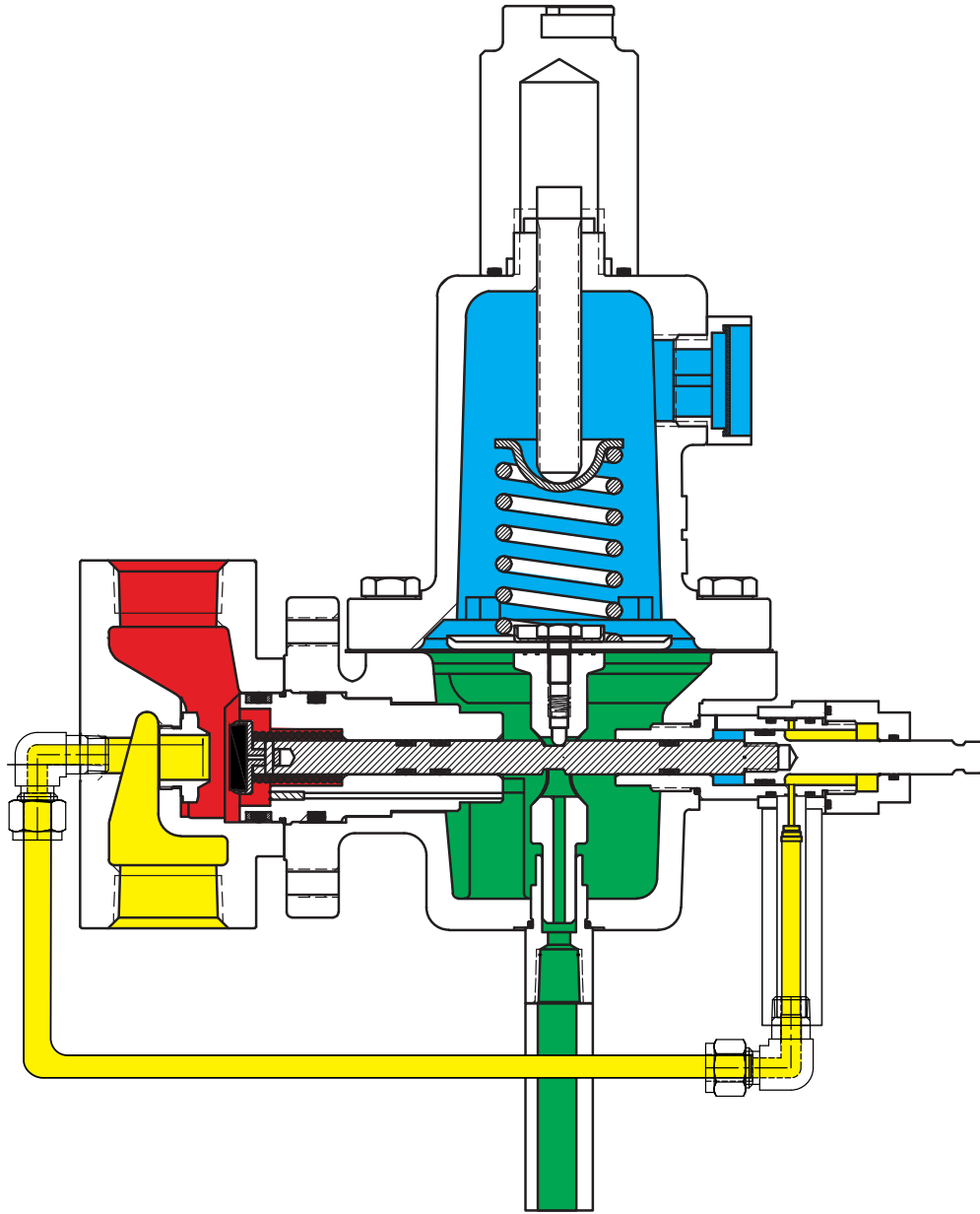
<b>Maximum Inlet Pressure</b>	
Nylon Seat	1500 PSIG
Nitrile Seat	1000 PSIG
Fluorocarbon Seat	300 PSIG
<b>Orifice</b>	
1/2"	
<b>Body</b>	
3/4"	
1"	
2"	
<b>Trip Range</b>	
5-20 PSIG	
15-40 PSIG	
35-80 PSIG	
70-150 PSIG	
<b>Temperature Range</b>	
-20° to 200°F (Nitrile & Nylon)	
0° to 200°F (Fluorocarbon)	





## P627SX Installation Example



Orifice	3/4" Body			1" Body			2" Body		
	C <sub>g</sub>	C <sub>v</sub>	C <sub>i</sub>	C <sub>g</sub>	C <sub>v</sub>	C <sub>i</sub>	C <sub>g</sub>	C <sub>v</sub>	C <sub>i</sub>
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