

# P627SX High Flow Slam-Shut

- Repeatable 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



## Materials of Construction

Body, Bonnet, Housing
Steel
Diaphragm
Nitrile
Seat
Nylon
Orifice
Stainless Steel

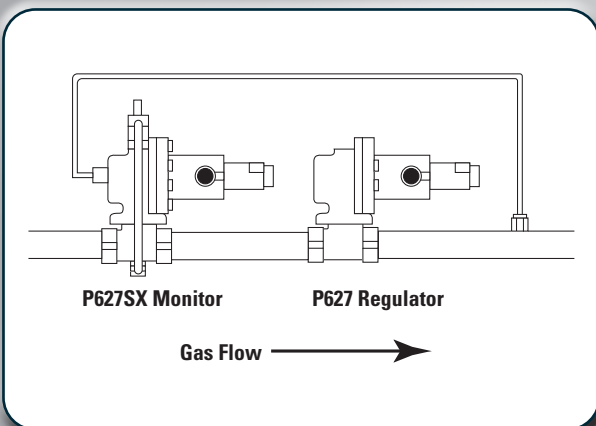
## Specifications

Maximum Inlet Pressure	
Nylon Seat	1500 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 & Nylon)

## P627SX Part Matrix

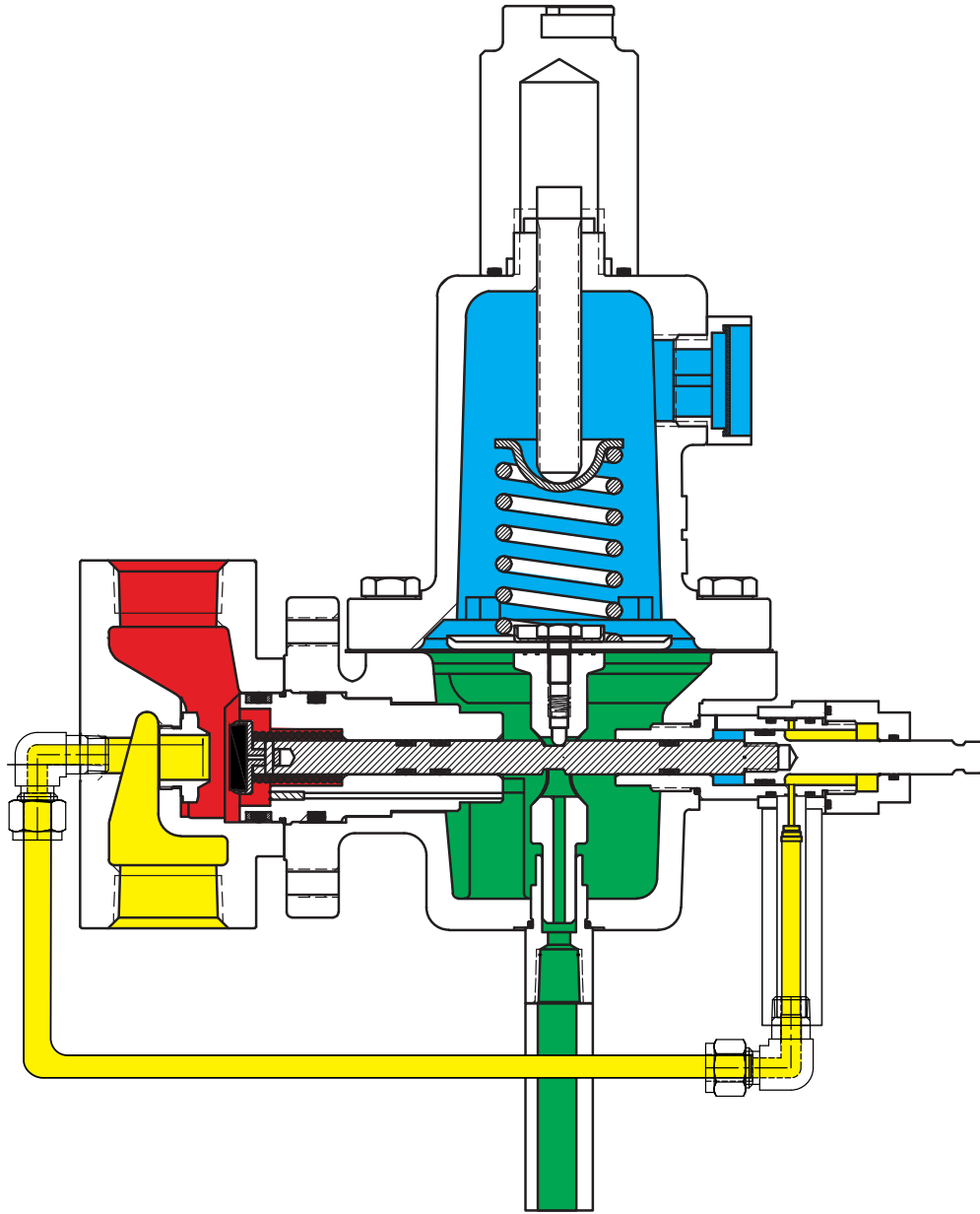
P627SX	0	Port Size
	↑	
06		3/4"
08		1"
16		2"
		Spring Range PSIG
020		5-20
040		15-40
080		35-80
150		70-150
		Connection
0		NPT
A		150 #RF
B		300 #RF
C		600 #RF
D		Socket Weld
E		900 #RTJ
		Seat
1		Nylon
	0	
		Case/Body
	1	Steel/Steel





## 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