

# P100SX Slam Shut Pressure Regulator

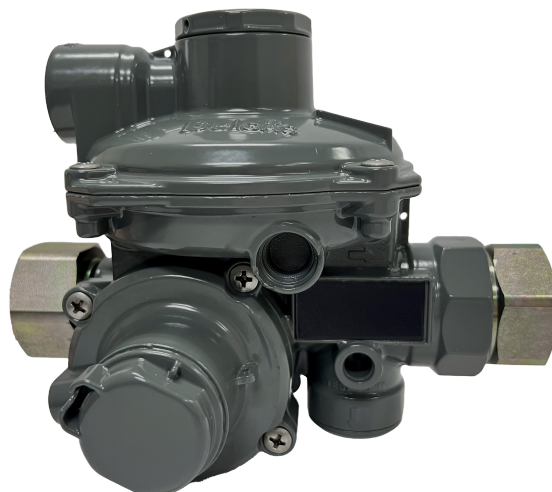
The P100SX slam shut pressure regulator is ideal for natural gas, air, propane, and general-purpose gas pressure regulation. The P100SX is a two stage regulator that can provide token relief, over pressure shut off, and under pressure shut off protection. The most common use is residential and light commercial systems.

## Over Pressure Shut Off Device (OPSO) Feature

The P100SX regulator is equipped with an overpressure shutoff device which intervenes by closing the flow of gas when the downstream pressure exceeds a preset value.

## Under Pressure Shut Off (UPS0) Option

The P100SX regulator can be equipped with an under pressure shutoff device which intervenes by closing the flow of gas when the downstream pressure falls below a preset value.



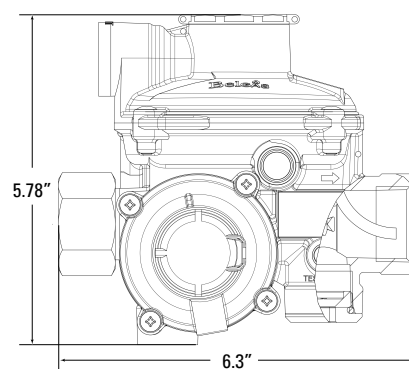
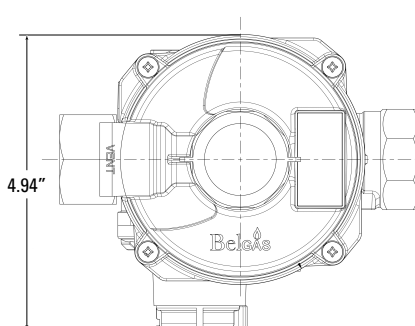
## Materials of Construction

Body	Aluminum
Bonnet	Aluminum
Diaphragm-Double	Nitrile
Seat	Nitrile
Spring	Stainless Steel

## Specifications

Inlet/Outlet	3/4" x 3/4", 1" x 1", 3/4" x 1"
Maximum Allowable Inlet	125 PSIG
Maximum Emergency	150 PSIG
Temperature Range	-20 to 150°F
ANSI B109.4	

## P100SX Standard



## P100SX Ordering Options

P100SX					09	
	▲▲	▲▲▲	▲	▲	▲▲	Port Size
06						3/4" NPT
07						3/4" x 1" NPT
08						1" NPT
						Set Point
		007				7" W.C.
		002				2 PSIG
						Safety Setup
			F			OPSO, Relieving
			G			OPSO, Non-Relieving
			H			OPSO/UPS0, Non-Relieving
			J			OPSO/UPS0, Relieving
						Port Orientation
			A			In/Out Horizontal
			D			In Vertical/Out Horizontal
					09	

7" W.C. Capacity Table (limits: +2" / -1")		
Inlet Pressure		2nd Stage Orifice Size: ½"
PSIG	BAR	SCFH of NG
1	0.069	163
2	0.1	509
3	0.2	814
5	0.3	1099
10-125	0.7-8.6	1425

2 PSIG Capacity Table (limits ±1% of Absolute Pressure)		
Inlet Pressure		2nd Stage Orifice Size: ½"
PSIG	BAR	SCFH of NG
3	0.2	387
5	0.3	713
10	0.7	1629
15-125	1-8.6	1832

Inlet Size	1" NPT
Outlet Size	1" NPT
Spring Range	6" to 7.6" W.C.
OPSO Setting	19" W.C.
UPSO Setting	3" W.C.
OPSO Range	14" to 21" W.C.
UPSO Range	3.6" to 5.6" W.C.

Inlet Size	1" NPT
Outlet Size	1" NPT
Spring Range	1.5 to 2.1 PSIG
OPSO Setting	4.5 PSIG
UPSO Setting	3" W.C.
OPSO Range	3.65 to 5 PSIG
UPSO Range	10" to 18" W.C.

# BelGAS

A Division of the Marsh Bellofram Group of Companies

8019 Ohio River Blvd.  
Newell, WV 26050  
(304) 387-1200 | [www.belgas.net](http://www.belgas.net)



## BelGAS Website

With decades of proven market experience, the BelGAS division of Marsh Bellofram is a global leader in the design and manufacturing of high pressure regulators, low pressure regulators, and other flow control products. Scan the QR or visit our website at <https://bit.ly/BelGAS>



## BelGAS Regulator Sizing Wizard

Need help finding the right regulator for your application? Check out the BelGAS Regulator Sizing Wizard - an interactive online tool that makes it easier than ever to precisely match a regulator with your specifications. Scan the QR code or visit our website at <https://bit.ly/BelGAS-Wizard>



## BelGAS Videos

Interested in learning more about what BelGAS has to offer? Visit our YouTube channel and check out the BelGAS playlist for How-Tos, product overviews, and more! Scan the QR code or watch the videos on our YouTube channel at <https://bit.ly/BelGAS-YouTube-List>



The contents of this publication are presented for informational purposes only. Although we have made reasonable efforts to give information that we believe is up-to-date and accurate, we make no representations or warranties regarding its adequacy, accuracy, completeness, or correctness. We do not warrant or represent that the information is complete in every respect. Our terms and conditions, which are available upon request, govern all sales. We reserve the right to modify or improve the designs and specifications of our products, and the information contained in this document is subject to change without notice.

We reserve the right to modify or improve the designs or specifications of our products and the information contained in this document is subject to change without notice. The user is solely responsible for making the final selection of the product and assuring that all installation, performance, endurance, maintenance, safety, and warning requirements of the product are met. Final product recommendations should be verified by a gas professional.

BelGAS does not assume responsibility for its products' selection, use, or maintenance. Neither BelGAS nor its suppliers shall be liable for any loss or damage to the user or third parties caused by the product, the confidential information of BelGAS, or BelGAS's performance of these terms.