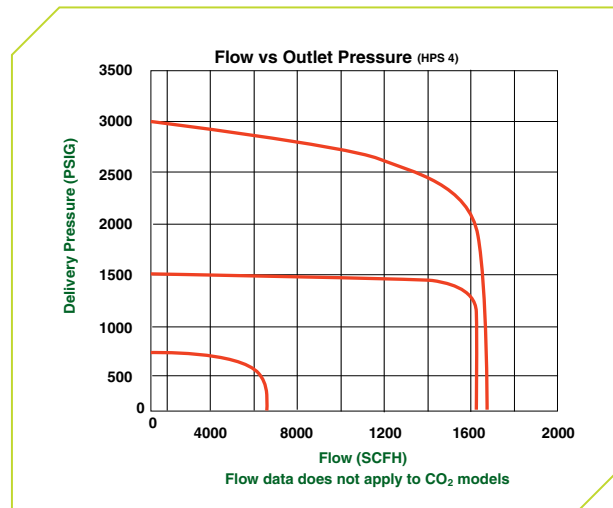
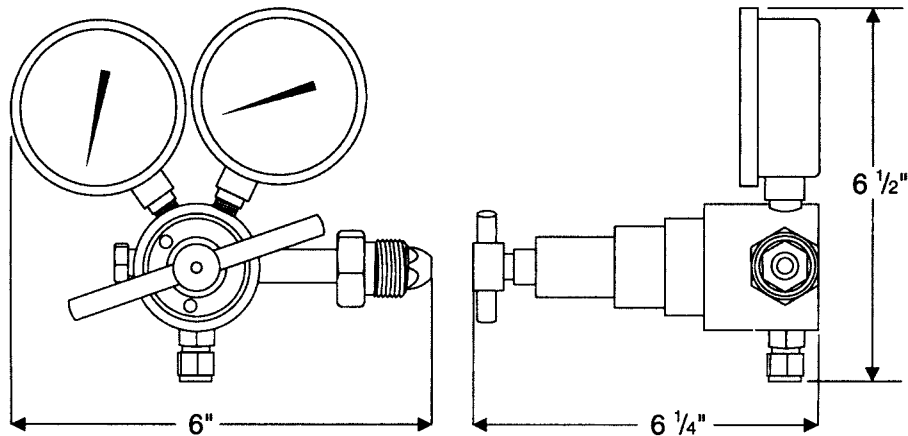


HPS4 High Pressure Piston Machined Brass Regulator



HPS4 regulators are recommended for high purity, non-corrosive gas applications where precise control of higher delivery pressures is required.



HPS4

Single Stage Brass Barstock High Pressure Regulator

HPS4 SERIES

REGULATORS

TYPICAL APPLICATIONS
High-purity gas handling
Research sampling systems
High pressure testing
High pressure purging
Accelerated aging

MATERIALS	
Body	Machined brass
Housing cap	Machined brass
Piston	Brass
Seat	PCTFE
Seals	Viton
Inlet Filter	316 Stainless Steel
Pressure adjusting spring	Heat Treated Spring Steel

FEATURES
Piston type actuation
Delrin bushing for smooth adjustment
Optional relief valve
2.5" gauges
Designed for panel mounting
Encapsulated seat

SPECIFICATION	
Maximum Inlet Pressure	6000 psig without inlet fitting 5500 psig with CGA 680, 347 3000 psig with CGA 580, 346, 350
Delivery Pressure Range	750/1500 range < 2.4 psig/100 psig inlet decay 3000 range < 4.8 psig/100 psig inlet decay
Temperature Range	-40° C to +66° C (-40 F to 150 F)
Flow Coefficient	C _v = 0.103
Outlet	1/4" Swagelok® fitting
Outlet pressure ranges	750 (50-750 psig) 1500 (100-1500 psig) 3000 (200-3000 psig)
Weight	4 lbs. (1.8kg)

MODEL NO. SELECTOR GUIDE

HPS4 SERIES MODEL NUMBER SYSTEM

HPS4 - XXX - XXX - XXXX - XXXX

SINGLE STAGE BRASS BARSTOCK HIGH PRESSURE REGULATOR	OUTLET PRESSURE	INLET CONNECTION	OUTLET CONNECTION	OPTIONS
HPS4	750 (25-750 psig)	CGA	4F 1/4" Female NPT	00 Bare Body
Inlet Pressure Gauge dependent on CGA Connection	1500 (50-1500 psig)	296, 320, 326, 346, 347, 350,	4M 1/4" Male NPT	03 Compliance Certificate
	3000 (100-3000 psig)	540, 580, 590, 677, 680	4S 1/4" Tube Fitting	05 Panel Mount Nut
	4500 (100-4500 psig)	4F 1/4" Female NPT	2S 1/8" Tube Fitting	07 With Relief Valve
		4M 1/4" Male NPT	BV4M Needle Valve 1/4" Male NPT*	
		4S 1/4" Tube Fitting	DK4F Diaphragm Valve 1/4" Female NPT*	
		2S 1/8" Tube Fitting	DK4M Diaphragm Valve 1/4" Male NPT*	
			DK4S Diaphragm Valve 1/4" Tube Fitting*	
			DK2S Diaphragm Valve 1/8" Tube Fitting*	

* BV and DK Valves not available with 4500 psig outlet pressure