

- Control sensitivity of .125" (.005 PSIG) (.32 cm) water column allows use in precision applications
- A separate control chamber and Aspirator Tube isolate the diaphragm from the main flow to eliminate hunting and buzzing
- Unit construction lets you service without removing it from the line
- Mounting bracket is available



**P3RA102BP Series**

**E**

Precision / Proportional  
 Air Preparation Products

Dial  
 Regulators

P3BA208

P3RA302

P3RA102BP

Electronic  
 Proportional

**Operating information**

Setpoint range – 2 to 200 PSIG (0.15 to 14 bar) (15 to 1400 kPa)	System pressure (maximum) 300 PSIG (21 bar), (2100 kPa) max
300 to 400 PSIG (21 to 28 bar) (2100 to 2800 kPa)	500 PSIG (35 bar), (3500 kPa) max
Ambient temperature:	-40°F to 200°F (-40°C to 93°C)
Sensitivity:	.125" (.005 PSIG) (.32 cm) water column
Flow capacity:	40 SCFM (68 m <sup>3</sup> /HR) @ 100 PSIG, (7.0 bar), (700 kPa) system pressure
For technical information see CD	

**P3RA102BP  
 High Precision Relief Valve**



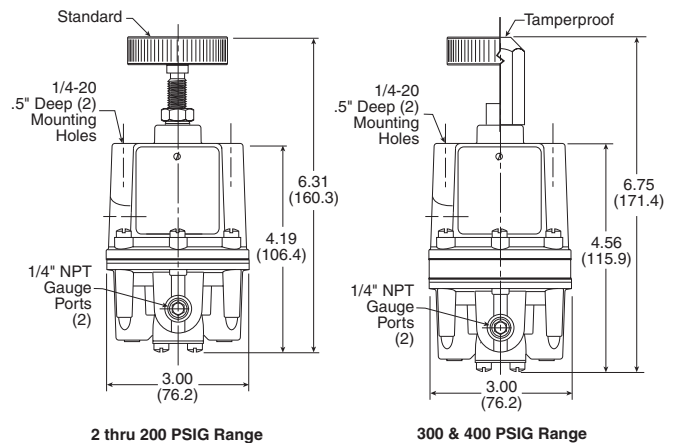
Port size	Spring	Part number
1/4"	0.5 to 30 PSIG	<b>P3RA10232BP</b>
1/4"	1 to 60 PSIG	<b>P3RA10242BP</b>
1/4"	2 to 150 PSIG	<b>P3RA10262BP</b>

**Service kits**

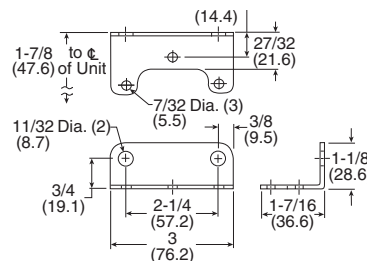
Service kit 0 to 200 PSIG, standard	<b>PS12127-1</b>
Tamper resistant kit	<b>PS12165</b>
Mounting bracket kit, zinc plated steel	<b>PS09921</b>

**Material specifications**

Body and housing	Aluminum
Nozzle	Nitrile on dacron
Trim	Zinc plated steel, brass



**Mounting bracket**



**CAUTION:**  
**REGULATOR PRESSURE ADJUSTMENT –**  
 The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

**WARNING**  
 Product rupture can cause serious injury.  
 Do not connect regulator to bottled gas.  
 Do not exceed maximum primary pressure rating.

Most popular.

