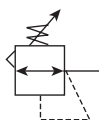


P3A-R Regulators – Miniature

- Lightweight plastic body
- Non-rising adjusting knob
- Solid control piston with lip seal for extended life
- Unbalanced poppet standard
- Two full flow 1/8" gauge ports
- Reverse flow capability
- 1/8", 1/4" ports (NPT)



Port Size	Description	Part Number
1/4"	Without Gauge	P3A-RN92YNNN

NOTE: 1.218 Dia. (31 mm) hole required for panel mounting.

Operating information

Supply pressure (max):	120 psig (8.3 bar)
Secondary pressure:	
15 psig spring	1 to 15 psig (0.07 to 1.0 bar)
30 psig spring	6 to 30 psig (0.4 to 2.1 bar)
60 psig spring	6 to 60 psig (0.4 to 4.1 bar)
110 psig spring	6 to 110 psig (0.4 to 7.6 bar)
Operating temperature:	32°F to 125°F (0°C to 52°C)
Flow capacity†:	
High flow	1/8" 13 scfm (6.1 dm³/s, ANR)
	1/4" 15 scfm (7.1 dm³/s, ANR)
Gauge ports (2):	1/8 inch
Weight:	0.3 lb (0.14 kg)

[†] scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

Ordering Information:

P3A-RN

9

1

Y

N

N

N

Port Type
NPT Female

Port Size
1/8 inch
1/4 inch

Relief
Non-Relieving, Black Knob
Relieving, Black Knob
Non-Relieving, Yellow Knob
Relieving, Yellow Knob

Pressure / Gauge
Without Gauge
15 psig (0 to 1 bar)
30 psig (0 to 2 bar)
60 psig (0 to 4 bar)
120 psig (0 to 8 bar)
With Gauge
15 psig (0 to 1 bar)
30 psig (0 to 2 bar)
60 psig (0 to 4 bar)
120 psig (0 to 8 bar)

Options
N
L
P
S
T

Preset / Pressure Limited
Blank
XXX*
XXX*

* Available preset / pressure limited range, 10 to 90 psig in 5 psig increments. For higher pressures, contact factory.
(Example: 065 = 65 psig)

† Inlet pressure is 100 psig. For other pressures contact factory.

 Most popular.

Miniature Regulators

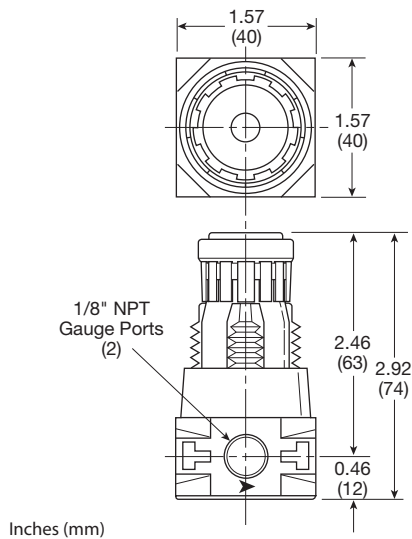
Material Specifications

Adjusting nut	Brass
Adjusting stem & spring	Steel
Poppet return spring	Stainless Steel
Body	Plastic
Bonnet, seat & piston	Plastic
Seals	Nitrile
Valve poppet	Plastic & nitrile

Repair and Service Kits

30 psig gauge, 1/8" NPT (0 to 2.1 bar)	K4515N18030
60 psig gauge, 1/8" NPT (0 to 4.1 bar)	K4515N18060
160 psig gauge, 1/8" NPT (0 to 11.0 bar)	K4515N18160
Mounting bracket kit* (includes panel mount nut)	PS417BP
Panel mount nut*	P78652
Unbalanced non-relieving, poppet / piston kit	PS428P
Unbalanced relieving, poppet / piston kit	PS426P
1-15 psig Spring (yellow)	P01176
1-30 psig spring (black)	P01175
1-60 psig spring (white)	P01174
5-110 psig spring (gold)	P01173

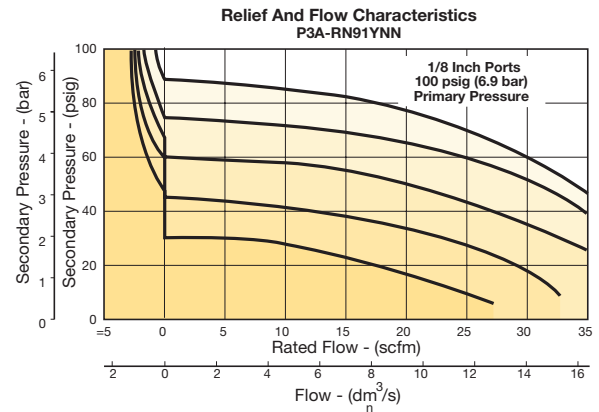
* Tighten panel mount nut 2.8 to 3.4 Nm (25 to 30 in-lbs) of torque.



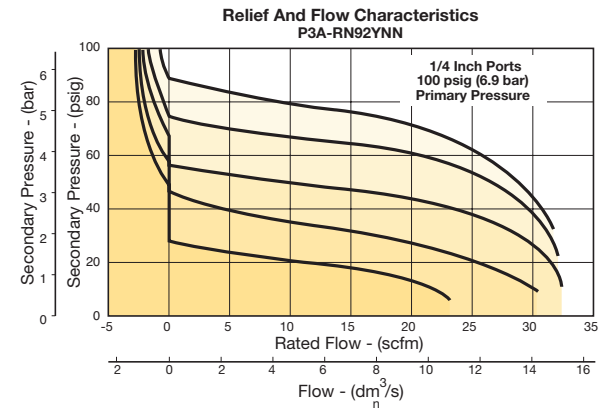
P3A-R Series

Flow Charts

1/8" port



1/4" port



WARNING

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

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.

General

Dial

Pilot

Proportional

Precision

Water

K

Regulator
Products



For inventory, lead times, and kit

K5

Parker Hannifin Corporation
Pneumatic Division