



Air Preparation Products

Global

Prep-Air II

Miniature

P3N

General Industrial

Stainless Steel

Precision / Proportional

Bulk Liquid Separators


P3NR Hi-Flow Regulators

- Port blocks (PB) available to provide 1-1/2" port extension to 1" ported bodies
- Self relieving feature plus balanced poppet provides quick response and accurate pressure regulation
- Solid control piston for extended life
- 3/4", 1", & 1-1/2" ports (NPT & BSPP)



P3NR Hi-Flow Regulators



	Port size	Gauge	Flow (SCFM)	Part number (NPT), Relieving
	3/4"	No	200	P3NRA96BNN
	1"	No	300	P3NRA98BNN
	1-1/2"	No	300	P3NRA9PBNN
	3/4"	125 PSI	200	P3NRA96BNG
	1"	125 PSI	300	P3NRA98BNG
	1-1/2"	125 PSI	300	P3NRA9PBNG

Note: BSPP ported units supplied using NPT ported bodies and BSPP port block kits.

Material specifications

	P3NR
Adjusting screw	Steel
Body	Aluminum
Bonnet	Aluminum
Knob	Plastic
Piston	Plastic
Poppet assembly	Brass
Seals	Nitrile
Springs – poppet & control	Steel

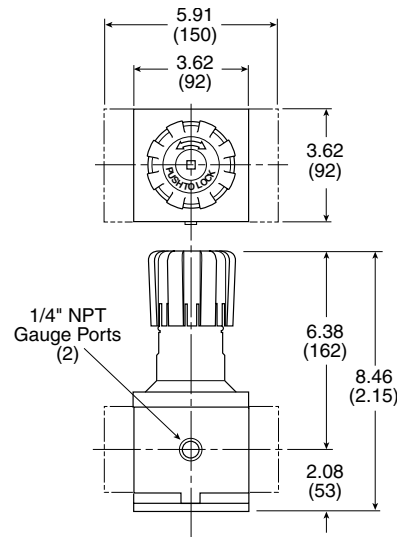
Service kits

Body service kit	
Control knob	P3NKA00PN
Gauges –	
50mm (2") round	60 PSIG (0 to 4.1 bar)
1/4" center back mount	160 PSIG (0 to 11.0 bar)
	300 PSIG (0 to 20.0 bar)
44mm (1-3/4") digital round	0-160 PSIG / 0-11 bar / 0-1.1 MPa
1/4" center back mount	K4517N14160D
Mounting bracket kit	P3NKA00MW
Repair kits –	
Non-relieving	P3NKA00RN
Relieving	P3NKA00RR
Springs –	
1-60 PSIG	C10A1304
2 to 125 PSIG	SPR-47
5 to 250 PSIG	SPR-48

Operating information

Pressure rating, maximum:	250 PSIG (17.2 bar)
Temperature rating:	32°F to 175°F (0°C to 80°C)

P3NR (Hi-Flow)



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.

Most popular.

