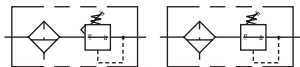


P3NE Filter / Regulator – Hi-Flow

- Port blocks (PB) available to provide 1-1/2" port extension to 1" ported bodies
- Excellent water removal efficiency
- Metal bowl with sight gauge
- Large filter element surface guarantees low pressure drop and increased element life
- Twist drain as standard, optional auto drain
- 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)



Port Size	Description	Part Number
3/4"	Metal Bowl, Sight Gauge, Twist Drain	P3NEA96GSMBNN
3/4"	Metal Bowl, Sight Gauge, Auto Float Drain	P3NEA96GSABNN
1"	Metal Bowl, Sight Gauge, Twist Drain	P3NEA98GSMBNN
1"	Metal Bowl, Sight Gauge, Auto Float Drain	P3NEA98GSABNN
1-1/2" #	Metal Bowl, Sight Gauge, Twist Drain	P3NEA9PGSMBNN
1-1/2" #	Metal Bowl, Sight Gauge, Auto Float Drain	P3NEA9PGSABNN

# 1" port body with 1-1/2" port block.

Operating information

Supply pressure (max):	0 to 250 psig (0 to 17.2 bar)
Operating temperature:	32°F to 175°F (0°C to 80°C)
Flow capacity†:	
High flow	3/4" 250 scfm (118 dm³/s, ANR)
	1" 250 scfm (118 dm³/s, ANR)
	1-1/2" 250 scfm (118 dm³/s, ANR)
Bowl capacity:	18.0 oz.
Sump capacity:	6.8 oz.
Weight:	3/4 5.3 lb (2.4 kg)
	1" 5.3 lb (2.4 kg)
	1-1/2" 6.43 lb (2.9 kg)

† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop with 40 micron element  
# 1" port body with 1-1/2" port block

Ordering Information:

P3N

E

A

9

8

G

S

M

B

N

N

Engineering Level

Current

A

Port Type

G Thread (BSPP) Female

1\*

NPT Female

9

\* 3/4 & 1 inch meets ISO 1179-1 standard.

Port Size

3/4" (w/o port blocks)

6

1" (w/o port blocks)

8

1-1/2" Port Blocks (w/ 1" ported body)

P

Element

40 micron

G

Adjustment

N

Non-Rising Knob

Relief

B

Relieving

Drains

M

Twist Drain

A

Auto Float Drain

Bowl

S

Metal Bowl with Sight Gauge

Port Type

Without Gauge

N

125 psi (0 to 8 bar)

H

250 psi (0 to 17 bar)

With Gauge

G

125 psi (0 to 8 bar)

J

250 psi (0 to 17 bar)

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

Most popular.



For inventory, lead times, and kit

G10

Parker Hannifin Corporation  
Pneumatic Division

## Material Specifications

Adjusting stem	Steel
Body, bonnet, bowl	Aluminum
Drain	Plastic
40 micron element (standard)	Plastic
5 micron element (optional)	Plastic
Adsorber element (optional)	Activated charcoal
Knob	Plastic
Piston	Plastic
Seals	Nitrile
Sight gauge	Polyamide (nylon)
Poppet & control, spring	Steel

## Repair and Service Kits

Metal bowl, sight gauge / auto float drain	<b>P3NKA00BSA</b>
Metal bowl, sight gauge / twist drain	<b>P3NKA00BSM</b>
Bowl latch kit	<b>C11A33</b>
Control knob	<b>P3NKA00PN</b>
Auto float drain	<b>PS506P</b>
Twist drain	<b>PS512P</b>
40 micron element	<b>P3NKA00ESG</b>
5 micron element	<b>P3NKA00ESE</b>
Adsorber element	<b>P3NKA00ESA</b>
2" dial face 60 psig (0 to 4.1 bar), gauge	<b>K4520N14060</b>
2" dial face 160 psig (0 to 11.0 bar), gauge	<b>K4520N14160</b>
2" dial face 300 psig (0 to 20.7 bar), gauge	<b>K4520N14300</b>
1-3/4" digital round face 160 psig (0 to 11.0 bar), gauge	<b>K4517N14160D</b>
Mounting bracket kit*	<b>P3NKA00MW</b>
Relieving	<b>P3NKA00RR</b>
Non-relieving	<b>P3NKA00RN</b>
Sight gauge kit	<b>P3NKA00PE</b>
1-60 psig spring	<b>C10A1304</b>
2-125 psig spring	<b>C10A1308</b>
5-250 psig spring	<b>C10A1317</b>

\* If 1-1/2 BSPP E02 fittings are required, use P3NKA00BMW.



### WARNING

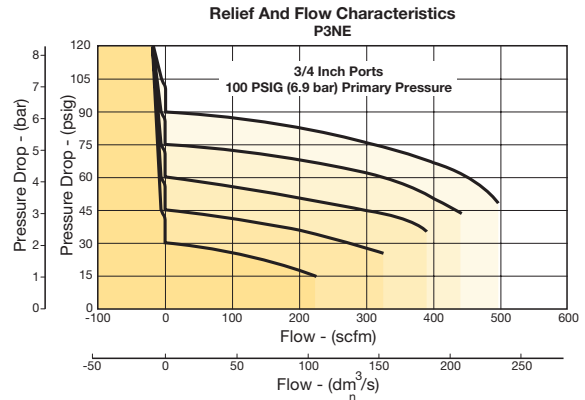
**Product rupture can cause serious injury.  
Do not connect regulator to bottled gas.  
Do not exceed Maximum primary pressure rating.**

## CAUTION:

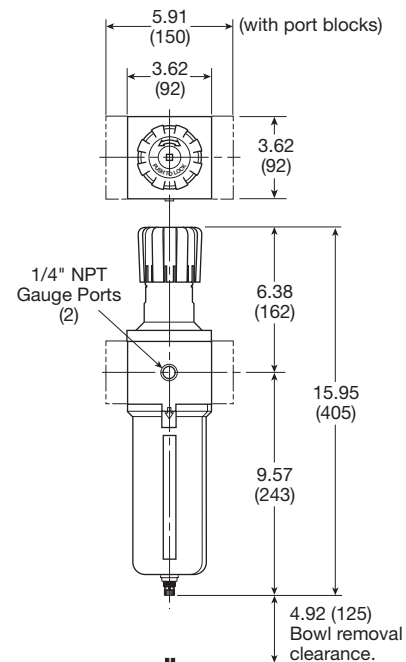
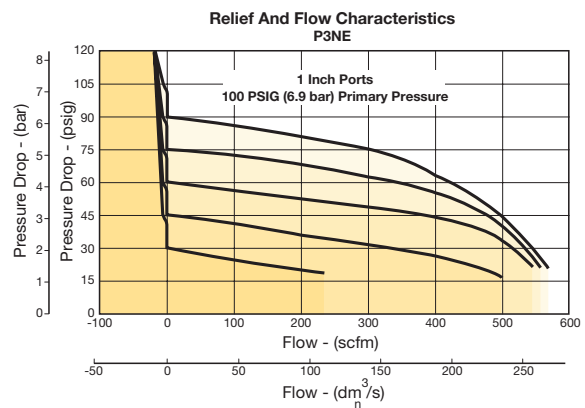
**REGULATOR PRESSURE ADJUSTMENT** – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and 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.

## Flow Charts

### P3NE 3/4" Filter / Regulator



### P3NE 1" & 1-1/2" Filter / Regulator



Inches (mm)



For inventory, lead times, and kit

G11

**Parker Hannifin Corporation**  
Pneumatic Division