

Precision Filter / Regulators

- The no-brass construction is well suited to harsh environments
- Internal and external epoxy finish for superior corrosion resistance
- Non-bleed design to reduce consumption
- Integral relief valve
- A gauge port provides convenient pressure gauge mounting
- The standard 5-micron filter minimizes internal contamination
- The filter dripwell contains a drain plug to easily drain trapped liquids
- Standard tapped exhaust
- Soft relief seat minimizes air loss

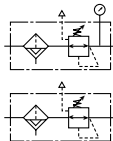


P3EA632 Series

Operating information

Supply pressure:	250 PSIG (17.2 bar), (1700 kPa) max
Temperature range:	-10°F to 160°F (-23°C to 71°C)
Sensitivity:	1.0" (.036 PSIG) (2.54 cm) water column
Flow capacity:	25 SCFM (42.5 m ³ /HR) @ 100 PSIG, (7 bar), (700 kPa) supply and 20 PSIG, (1.5 bar), (150 kPa) setpoint
Exhaust capacity:	0.8 (1.36 m ³ /HR) where downstream pressure is 5 PSIG, (.35 bar) (35 kPa) above 20 PSIG (1.5 bar), (150 kPa) setpoint (0.8 SCFM for 120 # unit)
Consumption:	Undetectable
Supply pressure effect:	Less than 1.25 PSIG, (.09 bar), (9 kPa) change for 100 PSIG, (7.0 bar), (700 kPa) change in supply pressure (1.90 PSIG for 120 # unit)

P3EA632 Precision Filter / Regulator



Port size	Spring	Part number
1/4"	1 to 60 PSIG	P3EA63242NS
1/4"	2 to 120 PSIG	P3EA63252NS

Note: Other spring ranges, port sizes, and options available. Please consult factory.

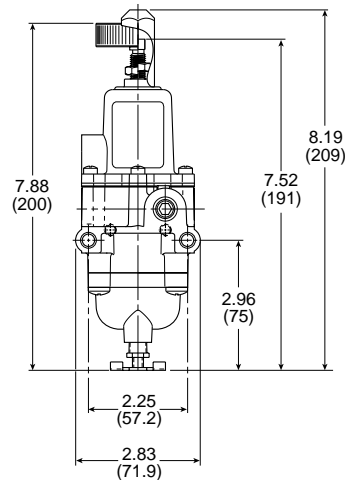
Service kits

Service kit	1 to 60, 2 to 120 PSIG	PS19968-NR
Tamper resistant kit		PS12165

Material specifications

Body and housing	Epoxy coated aluminum
Elastomers	Nitrile
Trim	Stainless steel, nickel plated steel

Most popular.



⚠ 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.