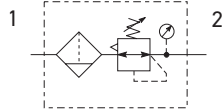


P32 Filter / Regulators – Compact

- Integral 1/4", 3/8" or 1/2" ports (NPT & BSPP)
- High efficiency 5 micron element as standard
- Excellent water removal efficiency
- Robust but lightweight aluminum construction
- Positive bayonet latch to ensure correct & safe fitting
- Secondary pressure ranges
- Secondary aspiration plus balanced poppet provides quick response and accurate pressure regulation



Port Size	Description (relieving)	Bowl / Drain Type †	Part Number
1/4"	125 psig (8 bar)	Poly / Manual	P32EB12EGMBNGP
1/4"	125 psig (8 bar)	Poly / Auto	P32EB12EGABNGP
1/4"	125 psig (8 bar)	Metal / Manual	P32EB12ESMBNGP
1/4"	125 psig (8 bar)	Metal / Auto	P32EB12ESABNGP
3/8"	125 psig (8 bar)	Poly / Manual	P32EB13EGMBNGP
3/8"	125 psig (8 bar)	Poly / Auto	P32EB13EGABNGP
3/8"	125 psig (8 bar)	Metal / Manual	P32EB13ESMBNGP
3/8"	125 psig (8 bar)	Metal / Auto	P32EB13ESABNGP
1/2"	125 psig (8 bar)	Poly / Manual	P32EB14EGMBNGP
1/2"	125 psig (8 bar)	Poly / Auto	P32EB14EGABNGP
1/2"	125 psig (8 bar)	Metal / Manual	P32EB14ESMBNGP
1/2"	125 psig (8 bar)	Metal / Auto	P32EB14ESABNGP

† For polycarbonate bowl, see caution in Engineering Section A.

Operating Information

Flow capacity*:	1/4	148 scfm (70 dm ³ /s, ANR)
	3/8	158 scfm (75 dm ³ /s, ANR)
	1/2	164 scfm (77 dm ³ /s, ANR)
Operating temperature:		
Plastic bowl		-13°F to 125°F (-25°C to 52°C)
Metal bowl		-13°F to 150°F (-25°C to 65.5°C)
Supply pressure (max):		
Plastic bowl		150 psig (10 bar)
Metal bowl		250 psig (17 bar)
Standard filtration:		5 micron
Useful retention†:		1.7 US oz. (51 cm ³)
Adjusting range pressure:		0 to 30 psig (0 to 2 bar)
		0 to 60 psig (0 to 4 bar)
		0 to 125 psig (0 to 8 bar)
		0 to 250 psig (0 to 17 bar)
Gauge port (2 each):		1/4 NPT, BSPP, BSPT
Weight:		1.17 lb (0.53 kg)

* Inlet pressure 145 psig (10 bar). Secondary pressure 91.3 psig (6.3 bar) and 14.5 psig (1 bar) pressure drop.

† Useful retention refers to volume below the quiet zone baffle.

Air quality: Within ISO 8573-1: 2010 Class 6 (Particulates)

Ordering Information:

P32EB		1	4	E	G	M	B	N	G	P
Basic Series		Thread Type		Element		Adjustment		Mounting		
Global Modular Compact Filter / Regulator		BSPP 1		5µ Element E		N Non-Rising Knob		P Plastic Panel Mount Nut		
P32EB		NPT 9				T T-Handle				
		Port Size				Relief		Adjustment Range		
		1/4 2				B Relieving		With Round Gauge		
		3/8 3				N Non-Relieving		Z 30 psig; 2 bar; 0.2 MPa		
		1/2 4						M 60 psig; 4 bar; 0.4 MPa		
								G 125 psig; 8 bar; 0.8 MPa		
								J [§] 250 psig; 17 bar; 1.7 MPa		
								Without Gauge		
								Y 30 psig; 2 bar; 0.2 MPa		
								L 60 psig; 4 bar; 0.4 MPa		
								N 125 psig; 8 bar; 0.8 MPa		
								H [§] 250 psig; 17 bar; 1.7 MPa		

Material Specifications

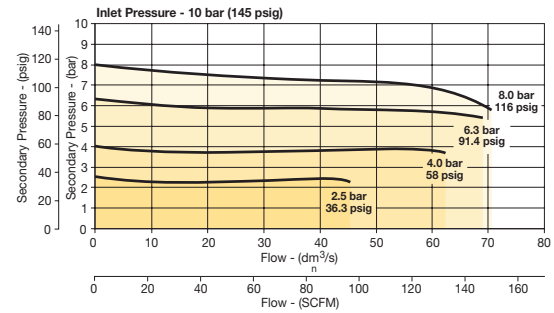
Body	Aluminum
Adjustment knob	Acetal
Element retainer / baffle	Acetal
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Bowl guard	Nylon
Filter element	Sintered polyethylene
Seals	Nitrile
Springs	Steel, stainless steel
Valve assembly	Brass / nitrile
Diaphragm assembly Nitrile / zinc	
Panel nut	Acetal
Sight gauge	Nylon

Repair and Service Kits

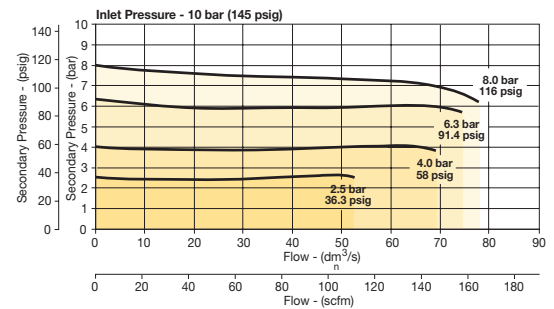
Plastic bowl / bowl guard manual drain	P32KB00BGM
Metal bowl / sight gauge manual drain	P32KB00BSM
Auto drain	P32KA00DA
5μ particle filter element	P32KA00ESE
Panel mount nut - aluminum	P32KA00MM
Panel mount nut - plastic	P32KA00MP
Angle bracket (fits to panel mount threads)	P32KB00MR
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB

Flow Charts

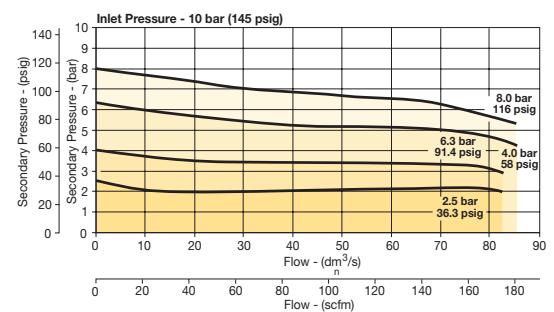
P32EB 1/4" Filter / Regulator



P32EB3/8" Filter/Regulator



P32EB 1/2" Filter/Regulator

**WARNING**

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

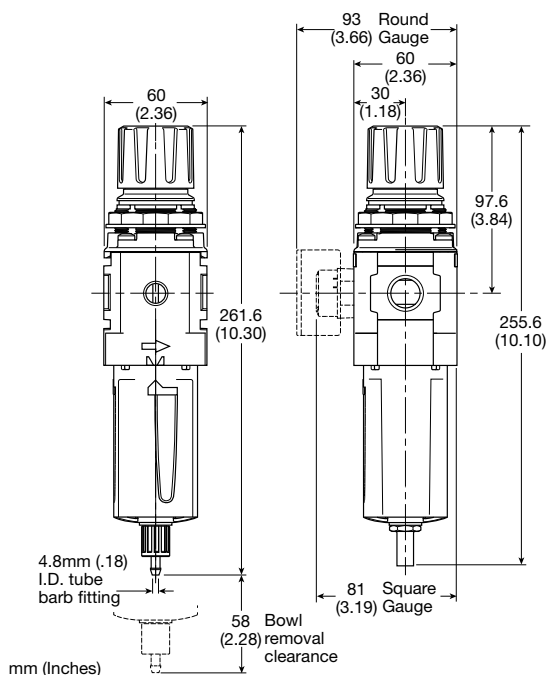
CAUTION:

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.

Gauges

50mm (2") round	0-60 psig / 0-4 bar	P6G-ERB2040
1/4" center back mount	0-160 psig / 0-14 bar	P6G-ERB2140
	0-300 psig / 0-20 bar	P6G-ERB2200

For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.



Manual Drain

Automatic Drain

Most Popular

