- Space saving package offers both filter and regulator features for optimal performance
- Excellent water removal efficiency
- Rolling diaphragm for extended life
- Quick response, and accurate pressure regulation regardless of changing flow or inlet pressure
- Two high flow 1/4" gauge ports can be used as additional outlets



Material specifications

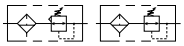
Adjusting stem			Steel
Body			Zinc
Bonnet, internal parts			Plastic
Bowls		Transparent	Polycarbonate
		Metal	Zinc
Bowl guard			Steel
Collar			Plastic or metal
Diaphragm			Nitrile
Drains	Manual twist drain standard	Body & nut	Plastic
	Automatic float drain optional	Float housing	Plastic
		Seals	Nitrile
		Springs, push rod	Stainless steel
Filter elements		40 Micron (standard)	Plastic
		5 Micron (optional)	Plastic
Knob			Plastic
Seals			Nitrile
Sight gauge			Polyamide
Springs –		Poppet	Stainless
		Control	Steel

Operating information

Pressure rating –	
Polycarbonate bowl	0 to 150 PSIG (0 to 10.4 bar)
Metal bowl	0 to 250 PSIG (0 to 17.2 bar)
Automatic float drain	15 to 250 PSIG (1.0 to 17.2 bar)
Temperature rating –	
Polycarbonate bowl	32°F to 125°F (0°C to 52°C)
Metal bowl	32°F to 175°F (0°C to 80°C)
Secondary pressure ranges –	
Standard pressure	2 to 125 PSIG (0 to 8.6 bar)
Medium pressure	1 to 60 PSIG (0 to 4.1 bar)
High pressure	5 to 250 PSIG (0.4 to 17.2 bar)

For technical information see CD

07E Standard Filter / Regulators



	Port size	Bowl type	Drain type	Flow SCFM	Element type	Part number (NPT) Pressure range (Without gauge) 60 PSIG	125 PSIG
07E	1/2"	Poly / Metal guard	Twist	90	5 micron	**07E32A11AC**	**07E32A13AC**
	1/2"	Poly / Metal guard	Auto float	90	5 micron	**07E36A11AC**	**07E36A13AC**
	3/4"	Poly / Metal guard	Twist	90	5 micron	**07E42A11AC**	**07E42A13AC**
	3/4"	Poly / Metal guard	Auto float	90	5 micron	**07E46A11AC**	**07E46A13AC**
	1/2"	Metal / Sight gauge	Twist	90	5 micron	**07E34A11AC**	**07E34A13AC**
	1/2"	Metal / Sight gauge	Auto float	90	5 micron	**07E38A11AC**	**07E38A13AC**
	3/4"	Metal / Sight gauge	Twist	90	5 micron	**07E44A11AC**	**07E44A13AC**
	3/4"	Metal / Sight gauge	Auto float	90	5 micron	**07E48A11AC**	**07E48A13AC**



* Engineering level will be added at factory.

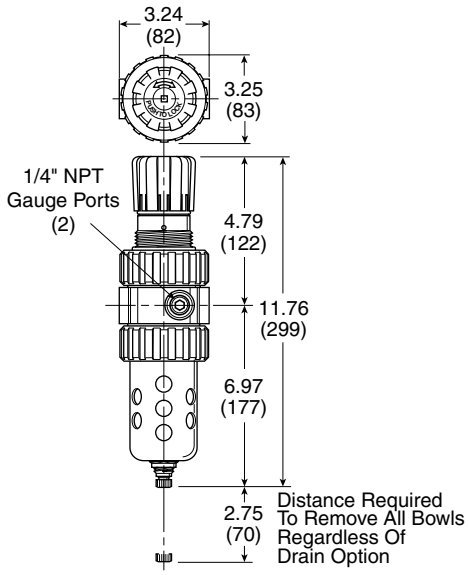
⚠ WARNING
Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed maximum primary pressure rating.

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.

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Pneumatic Division
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07E



Service kits

Description			07E
Bonnet assembly kit			**PS715P**
Bowl guard kit			**PS805P**
Bowl kits –	Poly bowl –	Automatic float drain	**PS822P**
		Twist drain	**PS832P**
	Metal bowl –	Automatic float drain	**PS826P**
		Semi-auto drain	**PS894P**
		Twist drain	**PS834P**
		Sight gauge / Automatic drain	**PS823P**
		Sight gauge / Twist drain	**PS835P**
Control knob			**P04069B**
Drain kits –		Automatic float drain	**PS506P**
		Semi-auto drain	**PS511P**
		Twist drain	**PS512P**
		Push 'N' Drain	**PS513P**
Filter element kits –		40 Micron	**PS801P**
		5 Micron	**PS802P**
		Adsorber	**PS831P**
Gauges –		60 PSIG (0 to 4.1 bar)	**K4520N14060**
		160 PSIG (0 to 11.0 bar)	**K4520N14160**
		300 PSIG (0 to 20.0 bar)	**K4520N14300**
Mounting bracket kit (includes panel mount nut)			**PS807P**
Panel mount nut			**P04082**
Service kits –		Non-relieving (includes poppet)	**PS811P**
		Relieving (includes poppet	**PS810P**
Seat insert kit			**PS813P**
Springs –		1- 30 PSIG range	**P01698**
		1- 60 PSIG range	**P04062**
		2- 125 PSIG range	**P04063**
		5- 250 PSIG range	**P04064**
Tamperproof kit (key lock)			**PS737P**

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