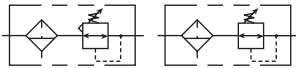
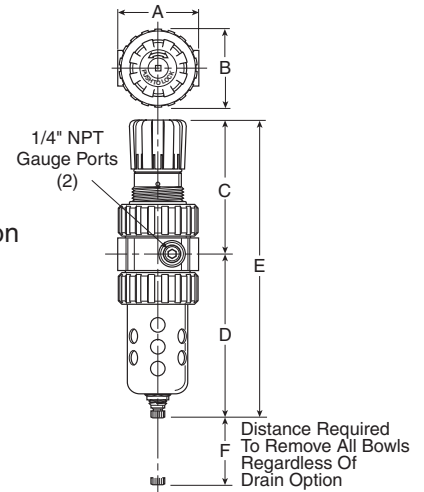


07E Filter / Regulator – Standard



Features

- 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.
- Shown with recommended metal bowl guard.
- High Flow: 1/2" – 90 SCFM§
 3/4" – 90 SCFM§



07E Filter / Regulator Dimensions			
A	B	C	D
3.24 (82)	3.25 (83)	4.79 (122)	6.97 (177)
D†	E	E†	F
7.00 (178)	11.76 (299)	11.79 (299)	2.75 (70)

Inches (mm)
 † With Auto Float Drain

Port Size	NPT	
	Twist Drain	Automatic Float Drain
Poly Bowl† / Metal Guard		
1/2"	07E32A13A*	07E36A13A*
3/4"	07E42A13A*	07E46A13A*
Metal Bowl / Sight Gauge		
1/2"	07E34A13A*	07E38A13A*
3/4"	07E44A13A*	07E48A13A*

Standard part numbers shown bold. For other models refer to ordering information below.

‡ For polycarbonate bowl see Caution on page C2.

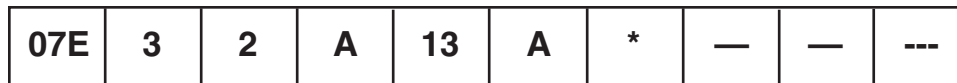
§ SCFM = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

NOTE: 2.00 Dia. (50.8 mm) hole required for panel mounting. Max. panel thickness 1/4".

⚠ WARNING

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

Ordering Information



Port Size
3 1/2 Inch
4 3/4 Inch

Elements
A 40 Micron
B 5 Micron

Relief
A Relieving
L Non-Relieving

Port Type
Blank NPT
1* BSPP

* 1/2 & 3/4 inch meet ISO 1179-1 Standard.

Preset
Blank None
XXX* Preset Pressure

* Available Preset Range, 10 to 90 psig in 5 psig increments. For higher pressures, contact factory.
 (Example: 065 = 65 psig)

Bowl Options	
<u>Polycarbonate Bowl</u>	3 Twist Drain
2 Metal Bowl Guard / Twist Drain	4 Sight Gauge / Twist Drain
6 Metal Bowl Guard / Auto Float Drain	7 Auto Float Drain
<u>Metal Bowl</u>	8 Sight Gauge / Auto Float Drain

Pressure Range	
Without Gauge	With Gauge
11 60 psig	16 60 psig
13 125 psig	18 125 psig
15§ 250 psig	21§ 250 psig

§ If 250 psig spring range is used, use metal bowl.

Engineering Level
* Will be Entered at Factory

Options	
Blank L†	No Options Preset
p†	Non-Adjustable Preset Adjustable

† Inlet Pressure is 100 psig. For other pressures, contact factory.

Spring Type by Preset / Limited Pressure:

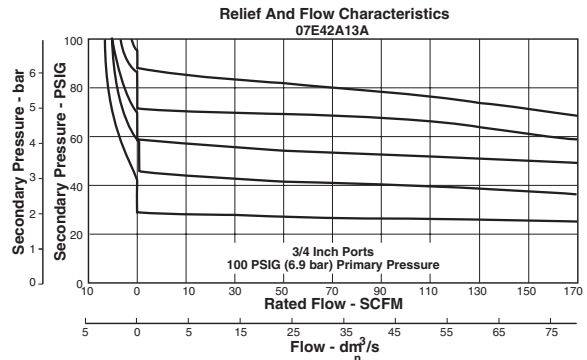
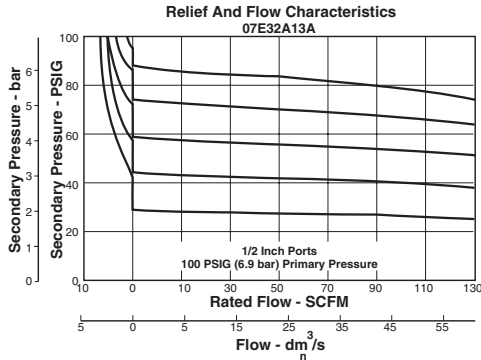
For Preset / Limited Pressure 26 to 50 use 60 PSI Spring
 For Preset / Limited Pressure 51 to 90 use 125 PSI Spring

BOLD ITEMS ARE MOST POPULAR.



Technical Specifications – 07E

Technical Information



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.

07E Filter / Regulator Kits & Accessories

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

Specifications

Bowl Capacity	7.2 Ounces
Gauge Ports (2)	1/4 Inch
(Can be used as Additional Full Flow 1/4" Outlet Ports)	
Port Threads	1/2, 3/4 Inch

Pressure & Temperature Ratings –

Polycarbonate Bowl – 0 to 150 psig (0 to 10.4 bar)
32°F to 125°F (0°C to 52°C)

Metal Bowl – 0 to 250 psig (0 to 17.2 bar)
32°F to 175°F (0°C to 80°C)

Automatic Float Drain – 15 to 250 psig (1.0 to 17.2 bar)

Secondary Pressure Ranges –

Standard Pressure 2 to 125 psig (0 to 8.6 bar)

Low Pressure 1 to 60 psig (0 to 4.1 bar)

High Pressure 5 to 250 psig (0.4 to 17.2 bar)

Sump Capacity 2.8 Ounces

Weight 2.5 lb. (1.1 kg)

Materials of Construction

Adjusting Stem Steel

Body Zinc

Bonnet, Internal Parts Plastic

Bowls Available – Transparent Polycarbonate

 Metal (With or Without Sight Gauge) Zinc

Bowl Guard Steel

Collar Plastic or Metal

Diaphragm Nitrile

Drains – Manual Twist Drain Standard

 Body & Nut Plastic

 Manual Push 'N' Drain Optional

 Body Nitrile

 Stem Brass

 Automatic Float Drain Optional

 (Interchangeable for Field Conversions)

 Operating Range 10 to 250 psig (.7 to 17.2 bar)

 Housing, Float Plastic

 Seals Nitrile

 Springs, Push Rod Stainless Steel

Knob Plastic

Filter Elements – 40 Micron (Standard) Plastic

 5 Micron (Optional) Plastic

 Adsorber (Optional) Activated Charcoal

Seals Nitrile

Sight Gauge Polyamide

Springs – Poppet Stainless

 Control Steel

C

Product Selection

Filters

Coalescers

Regulators

Filter / Regulators

Lubricators

Combos

Accessories

