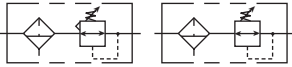
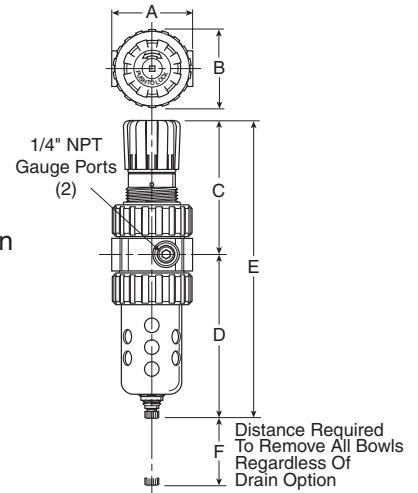


## 06E Filter / Regulator – Compact



### 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: 1/4" – 46 SCFM<sup>§</sup>  
 3/8" – 55 SCFM<sup>§</sup>  
 1/2" – 61 SCFM<sup>§</sup>



Port Size	NPT	
	Twist Drain	Automatic Float Drain
Poly Bowl <sup>†</sup> / Metal Guard		
1/4"	<b>06E12A13A*</b>	<b>06E16A13A*</b>
3/8"	<b>06E22A13A*</b>	<b>06E26A13A*</b>
1/2"	<b>06E32A13A*</b>	<b>06E36A13A*</b>
Metal Bowl / Sight Gauge		
1/4"	<b>06E14A13A*</b>	<b>06E18A13A*</b>
3/8"	<b>06E24A13A*</b>	<b>06E28A13A*</b>
1/2"	<b>06E34A13A*</b>	<b>06E38A13A*</b>

06E Filter / Regulator Dimensions			
A	B	C	D
2.81 (71)	2.74 (70)	4.69 (119)	5.69 (145)
D <sup>†</sup>	E	E <sup>†</sup>	F
5.74 (146)	10.38 (264)	10.43 (265)	2.25 (57)

Inches (mm)  
<sup>†</sup> With Twist Drain or Auto Pulse Drain

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

<sup>‡</sup> For polycarbonate bowl see Caution on page C2.  
<sup>§</sup> 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
1 1/4 Inch
2 3/8 Inch
3 1/2 Inch

Elements
A 40 Micron
B 5 Micron

Relief
A Relieving
L Non-Relieving

Port Type
Blank NPT
1* BSPP

\* 1/4 & 3/8 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	
Polycarbonate Bowl	Metal Bowl
2 Metal Bowl Guard / Twist Drain	3 Twist Drain
6 Metal Bowl Guard / Auto Float Drain	4 Sight Gauge / Twist Drain
	7 Auto Float Drain
	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 <sup>§</sup> 250 psig	21 <sup>§</sup> 250 psig

<sup>§</sup> If 250 psig spring range is used, use metal bowl.

Engineering Level
* Will be Entered at Factory

Options	
Blank	No Options
L <sup>†</sup>	Preset Non-Adjustable
P <sup>†</sup>	Preset Adjustable

<sup>†</sup> Inlet Pressure is 100 psig. For other pressures, contact factory.

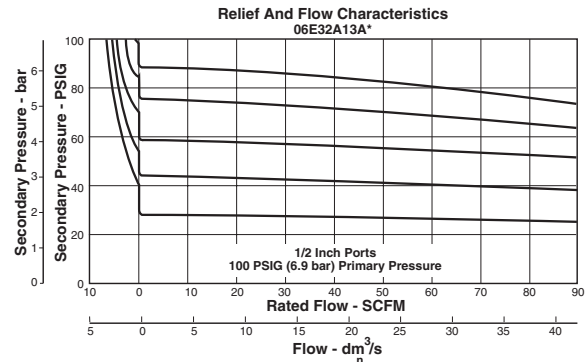
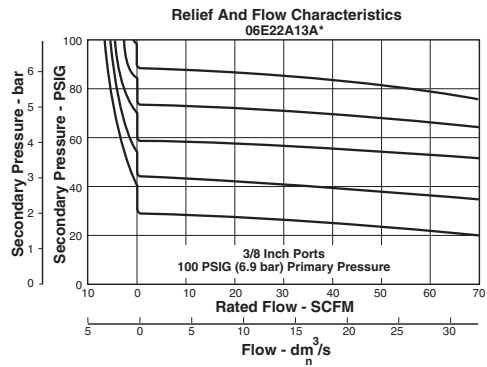
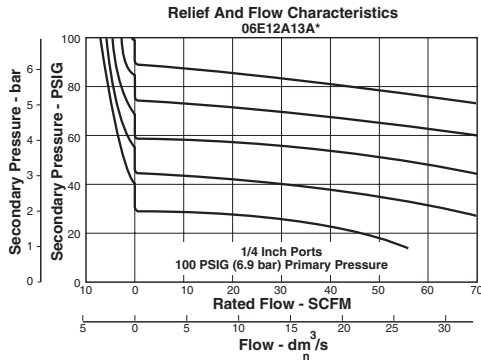
### Spring Type by Preset / Limited Pressure:

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 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.

**06E Filter / Regulator Kits & Accessories**

<b>Bonnet Assembly Kit</b> .....	PS715P
<b>Bowl Guard Kit</b> .....	PS705P
<b>Bowl Kits –</b>	
Poly Bowl – Automatic Float Drain .....	PS722P
Twist Drain .....	PS732P
Metal Bowl – Automatic Float Drain .....	PS726P
Semi-Auto Drain .....	PS794P
Twist Drain .....	PS734P
Sight Gauge / Automatic Drain .....	PS723P
Sight Gauge / Twist Drain .....	PS735P
<b>Control Knob</b> .....	P04069B
<b>Drain Kits –</b>	
Automatic Float Drain .....	PS506P
Semi-Auto Drain .....	PS511P
Twist Drain .....	PS512P
Push 'N' Drain .....	PS513P
<b>Filter Element Kits –</b>	
40 Micron .....	PS701P
5 Micron .....	PS702P
Adsorber .....	PS731P
<b>Gauges –</b>	
60 psig (0 to 4.1 bar) .....	K4520N14060
160 psig (0 to 11.0 bar) .....	K4520N14160
300 psig (0 to 20.0 bar) .....	K4520N14300
<b>Mounting Bracket Kit</b> (Includes Panel Mount Nut) .....	PS707P
<b>Panel Mount Nut</b> .....	P04082
<b>Service Kits –</b>	
Non-Relieving (Includes Poppet) .....	PS711P
Relieving (Includes Poppet) .....	PS710P
<b>Seat Insert Kit</b> .....	PS713P
<b>Springs –</b>	
1- 30 psig Range .....	P01698
1- 60 psig Range .....	P04062
2- 125 psig Range .....	P04063
5- 250 psig Range .....	P04064
<b>Tamperproof Kit</b> (Key Lock) .....	PS737P

**Specifications**

<b>Bowl Capacity</b> .....	4.4 Ounces
<b>Gauge Ports (2)</b> .....	1/4 Inch
(Can be used as Additional Full Flow 1/4" Outlet Ports)	
<b>Port Threads</b> .....	1/4, 3/8, 1/2 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)

<b>Sump Capacity</b> .....	1.75 Ounces
<b>Weight</b> .....	1.6 lb. (0.7 kg)

**Materials of Construction**

<b>Adjusting Stem</b> .....	Steel
<b>Body</b> .....	Zinc
<b>Bonnet, Internal Parts</b> .....	Plastic
<b>Bowls Available –</b>	
Transparent .....	Polycarbonate
Metal (With or Without Sight Gauge) .....	Zinc
<b>Bowl Guard</b> .....	Steel
<b>Collar</b> .....	Plastic
<b>Diaphragm</b> .....	Nitrile
<b>Drains –</b>	
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
<b>Knob</b> .....	Plastic
<b>Filter Elements –</b>	
40 Micron (Standard) .....	Plastic
5 Micron (Optional) .....	Plastic
Adsorber (Optional) .....	Activated Charcoal
<b>Seals</b> .....	Nitrile
<b>Sight Gauge</b> .....	Polyamide
<b>Springs –</b>	
Poppet .....	Stainless Steel
Control .....	Steel

C
Product Selection
Filters
Coalescers
Regulators
Filter / Regulators
Lubricators
Compos
Accessories

