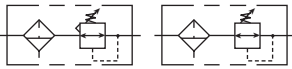
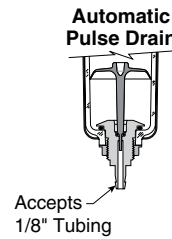
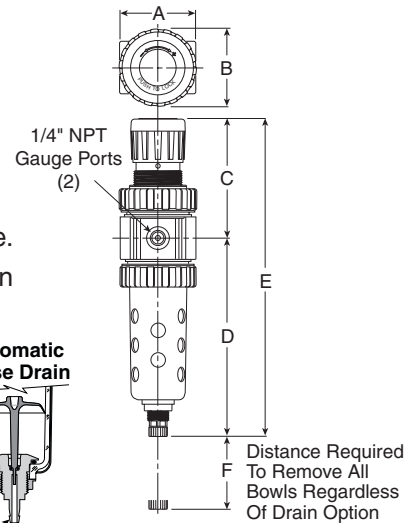


05E Filter / Regulator – Economy



Features

- Space saving package offers both filter and regulator features for optimal performance.
- Excellent water removal efficiency.
- Rolling diaphragm for extended life.
- Removable non-rising knob for tamper resistance.
- Quick response, and accurate pressure regulation regardless of changing flow or inlet pressure.
- 40 micron filter element standard and 5 micron available.
- High Flow: 1/4" – 30 SCFM§
 3/8" – 40 SCFM§



Port Size	NPT	
	Twist Drain	Automatic Pulse Drain
Poly Bowl† / Metal Guard		
1/4"	05E12A13A*	05E1PA13A*
3/8"	05E22A13A*	05E2PA13A*
Metal Bowl / Sight Gauge		
1/4"	05E14A13A*	—
3/8"	05E24A13A*	—

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: 1.53 Dia. (39mm) hole required for panel mounting.

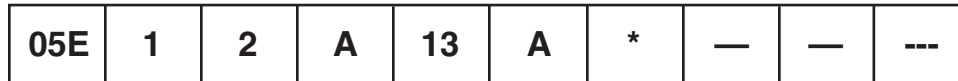
⚠ WARNING

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

05E Filter / Regulator Dimensions		
A 2.00 (51)	B 2.06 (52)	C 3.16 (80)
D† 5.35 (136)	E† 8.51 (216)	F 1.77 (45)

Inches (mm)
 † With Twist Drain or Auto Pulse Drain

Ordering Information



Port Size 1 1/4 Inch 2 3/8 Inch	Elements A 40 Micron B 5 Micron	Relief A Relieving L Non-Relieving	Port Type Blank NPT 1* BSPP <small>* 1/4 & 3/8 inch meet ISO 1179-1 Standard.</small>	Preset / Pressure Limited Blank None XXX* Preset Pressure XXX* Pressure Limited
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Bowl Options
<u>Polycarbonate Bowl</u>
2 Metal Bowl Guard / Twist Drain
P Metal Bowl Guard / Auto Pulse Drain
<u>Metal Bowl</u>
3 Twist Drain
4 Sight Gauge / Twist Drain
R Automatic Pulse Drain

Pressure Range	
<u>Without Gauge</u>	<u>With Gauge*</u>
11 60 psig	16 60 psig
13 125 psig	18 125 psig
14§ 200 psig	19§ 200 psig

* Includes 1-1/2" Dial Face Gauge
 § Requires Metal Bowl

Engineering Level
 * Will be Entered at Factory

Options	
Blank	No Options
L†	Preset Non-Adjustable
P†	Preset Adjustable
S†	Pressure Limiter Max. Adjustable
T†	Pressure Limiter Max. Non-Adj.

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

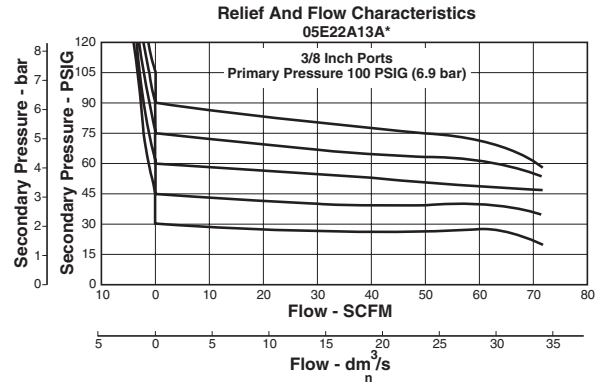
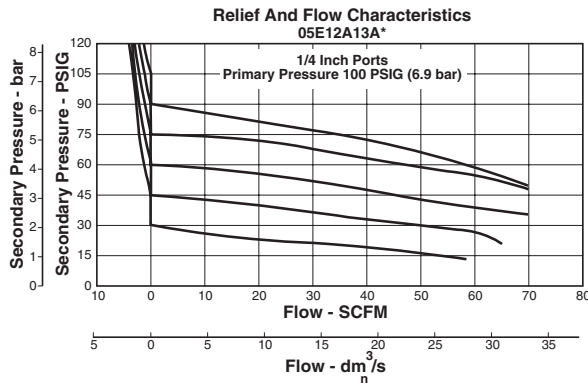
Spring Type by Preset / Limited Pressure:
 For Preset / Limited Pressure 26 to 50 use 60 PSI Spring
 For Preset / Limited Pressure 51 to 90 use 125 PSI Spring

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

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.

05E Filter / Regulator Kits & Accessories

- Bowl Guard Kit PS905P
- Bowl Kits –**
- Poly Bowl – Automatic Pulse Drain..... PS995P
- Twist Drain..... PS932P
- Metal Bowl – Automatic Pulse Drain..... PS997P
- Twist Drain..... PS934P
- Sight Gauge / Automatic Pulse Drain PS996P
- Sight Gauge / Twist Drain..... PS935P
- Drain Kit –**
- Automatic Pulse Drain..... PS998P
- Semi-Auto Drain PS511P
- Twist Drain PS512P
- Push ‘N’ Drain..... PS513P
- Filter Element Kits –**
- 40 Micron PS901P
- 5 Micron PS902P
- Adsorber..... PS931P
- Sight Gauge Kit** PS914P
- Gauges – 1-1/2" Dial Face**
- 30 psig (0 to 2.1 bar)..... K4515N14030
- 60 psig (0 to 4.1 bar)..... K4515N14060
- 160 psig (0 to 11.0 bar) K4515N14160
- 300 psig (0 to 20.0 bar) K4515N14300
- 2" Dial Face**
- 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)..... PS963P
- Panel Mount Nut – Metal**..... PS964P
- Springs –**
- 1-30 psig Range..... P04427
- 1-60 psig Range P04426
- 2-125 psig Range..... P04425
- 2-200 psig P02934
- Relieving Service Kit** PS908P
- Non-Relieving Service Kit** PS909P
- Bonnet Assembly Kit** PS915P

Specifications

- Bowl Capacity**2.0 Ounces
- Gauge Port (2)** 1/4 Inch
- Sump Capacity** 0.9 Ounce
- Port Threads** 1/4, 3/8 Inch
- Pressure & Temperature Rating –**
- Polycarbonate Bowl – 0 to 150 psig (0 to 10.3 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 Pulse Drain – 10 to 150 psig (0.7 to 10.3 bar)
- Weight** 1.35 lb. (0.6 kg)

Materials of Construction

- Adjusting Stem** Steel
- Body** Zinc
- Bonnet, Internal Parts** Plastic
- Bowl Guard** Steel
- Collar** Plastic
- Diaphragm** Nitrile
- Drain** Plastic
- Filter Elements –**
- 40 Micron (Standard)..... Plastic
- 5 Micron (Optional) Plastic
- Adsorber (Optional) Activated Charcoal
- Knob** Plastic
- Seals** Nitrile
- Sight Gauge** Polyamide (Nylon)
- Springs –** Poppet & Control Steel



- Product Selection
- Filters
- Coalescers
- Regulators
- Filter / Regulators
- Lubricators
- Combos
- Accessories