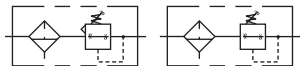


05E Filter / Regulator – Economy

- 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
- 1/4", 3/8" ports (NPT)



Operating information

Supply pressure (max):		
Plastic bowl		0 to 150 psig (0 to 10.3 bar)
Operating temperature:		
Plastic bowl		32°F to 125°F (0°C to 52°C)
Flow capacity†:		
High flow	1/4"	30 scfm (14.2 dm³/s, ANR)
	3/8"	40 scfm (18.9 dm³/s, ANR)
Bowl capacity:		2 oz.
Auto pulse drain tube barb		1/8 inch
Gauge ports (2):		1/4 inch
Sump capacity:		0.9 oz.
Weight:		1.35 lb (0.6 kg)
† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.		

Ordering Information:

Port Size	Description ‡	Part Number
1/4"	Poly Bowl, Metal Guard, Twist Drain, 40 Micron, 2-125 psi w/out Gauge, Relieving	05E12A13AB
3/8"	Poly Bowl, Metal Guard, Twist Drain, 40 Micron, 2-125 psi w/out Gauge, Relieving	05E22A13AB

‡ For polycarbonate bowl, see caution in Engineering Section A.
NOTE: 1.53 Dia. (39 mm) hole required for panel mounting.

Most popular.



For inventory, lead times, and kit

Material Specifications

Adjusting stem	Steel
Body	Zinc
Bonnet, internal parts	Plastic
Transparent bowl	Polycarbonate
Bowl guard	Steel
Collar	Plastic
Diaphragm	Nitrile
Drain	Plastic
40 micron element (standard)	Plastic
5 micron element (optional)	Plastic
Adsorber element (optional)	Activated charcoal
Knob	Plastic
Seals	Nitrile
Sight gauge	Polyamide (nylon)
Springs, poppet & control	Steel

Repair and Service Kits

Bowl guard kit	PS905P
Poly bowl, automatic pulse drain	PS995P
Poly bowl, twist drain	PS932P
Auto pulse drain	PS998P
Twist drain	PS512P
40 micron element	PS901P
5 micron element	PS902P
Adsorber element	PS931P
Sight gauge kit	PS914P
1-1/2" dial face 30 psig (0 to 2.1 bar), gauge	K4515N14030
1-1/2" dial face 60 psig (0 to 4.1 bar), gauge	K4515N14060
1-1/2" dial face 160 psig (0 to 11.0 bar), gauge	K4515N14160
1-1/2" dial face 300 psig (0 to 20.7 bar), gauge	K4515N14300
2" dial face 60 psig (0 to 4.1 bar), gauge	K4520N14060
2" dial face 160 psig (0 to 11.0 bar), gauge	K4520N14160
2" dial face 300 psig (0 to 20.7 bar), gauge	K4520N14300
Mounting bracket kit (includes panel mount nut)	PS963P
Panel mount nut – metal	PS964P
1-30 psig spring	P04427
1-60 psig spring	P04426
2-125 psig spring	P04425
2-200 psig spring	P02934
Relieving service kit	PS908P
Bonnet assembly kit	PS915P

WARNING

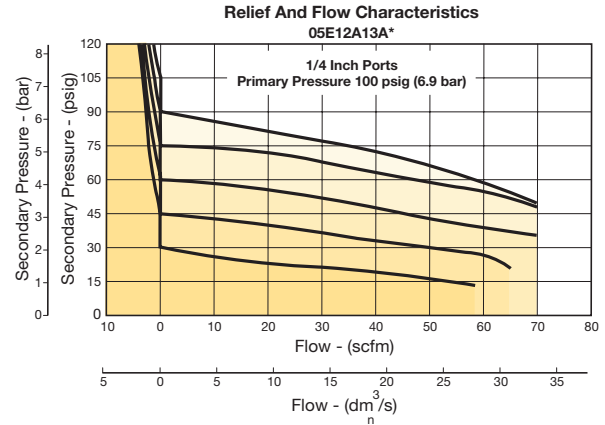
**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

CAUTION:

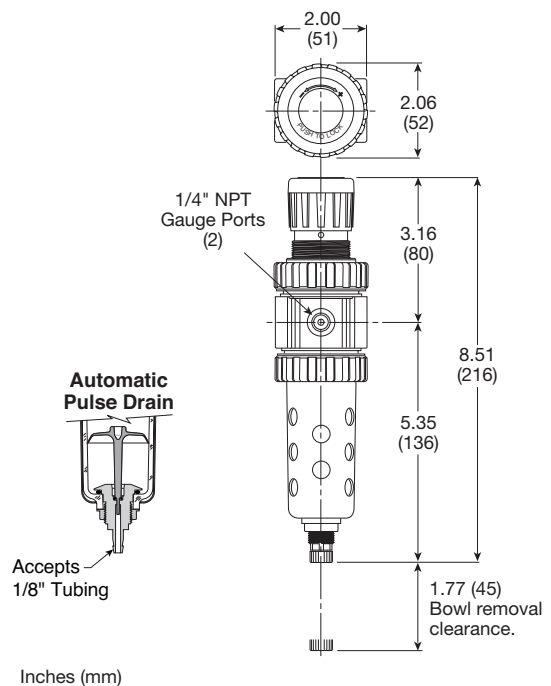
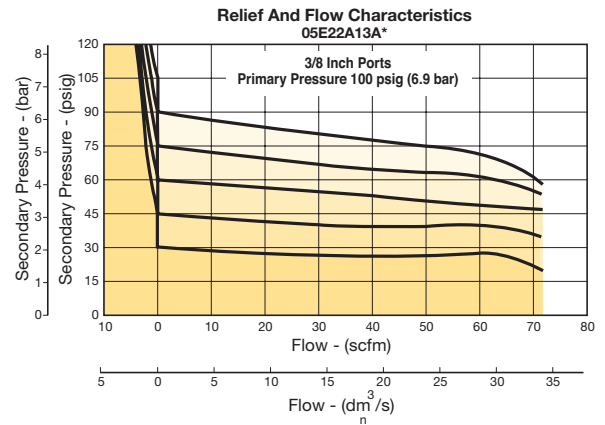
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting 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.

Flow Charts

05E 1/4" Filter / Regulator



05E 3/8" Filter / Regulator



For inventory, lead times, and kit