

06E Filter / Regulator – Compact

- 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
- 1/4", 3/8", 1/2" ports (NPT)



Operating information

Supply pressure (max):		
Plastic bowl		0 to 150 psig (0 to 10.3 bar)
Metal bowl		0 to 250 psig (0 to 17.2 bar)
Auto float drain		15 to 250 psig (1.0 to 17.2 bar)
Operating temperature:		
Plastic 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 range:		
Standard		2 to 125 psig (0 to 8.6 bar)
Low		1 to 60 psig (0 to 4.1 bar)
High		5 to 250 psig (0.4 to 17.2 bar)
Flow capacity†:		
High flow	1/4"	45 scfm (21.7 dm³/s, ANR)
	3/8"	55 scfm (26 dm³/s, ANR)
	1/2"	61 scfm (28.8 dm³/s, ANR)
Bowl capacity:		4.4 oz.
Gauge ports (2):		1/4 inch (can be used as additional full flow 1/4" outlet ports)
Sump capacity:		1.75 oz.
Weight:		1.6 lb (0.7 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	06E12A13AC
1/4"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E12A18AC
1/4"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	06E12B18AC
1/4"	Metal Bowl, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E13A13AC
1/4"	Metal Bowl, Twist Drain, 40 micron, 2-125 psi w/out Gauge, T-Handle Relieving	06E13A13TC
1/4"	Metal Bowl, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E13A18AC
1/4"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E14A13AC
1/4"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E14A18AC
1/4"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E16A13AC
1/4"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E16A18AC
3/8"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E22A13AC
3/8"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E22A18AC
3/8"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	06E22B13AC

 Most popular.

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For inventory, lead times, and kit

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Parker Hannifin Corporation
Pneumatic Division

Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories

Ordering Information cont.:

Port Size	Description ‡	Part Number
3/8"	Metal Bowl, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E23A18AC
3/8"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E24A13AC
3/8"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E24A18AC
3/8"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E26A13AC
3/8"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E26A18AC
3/8"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E28A13AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E32A13AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E32A18AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	06E32B13AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	06E32B18AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E34A13AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E34A18AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	06E34B18AC
1/2"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E36A13AC
1/2"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E36A18AC
1/2"	Poly Bowl, Metal Guard, Auto Float Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	06E36B13AC
1/2"	Metal Bowl, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E37A18AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E38A13AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E38A18AC
G1/4"	Metal Bowl, Auto Float Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	06E17B13AC1

‡ For polycarbonate bowl, see caution in Engineering Section A.

NOTE: 2.0 Dia. (50.8 mm) hole required for panel mounting. Max panel thickness 1/4"

Prep-Air® II Products	Filters	Coalescers	Regulators	Filter / Regulators	Lubricators	Combinations	Accessories
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 Most popular.



For inventory, lead times, and kit

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Parker Hannifin Corporation
Pneumatic Division

Material Specifications

Adjusting stem	Steel
Body	Zinc
Bonnet, internal parts	Plastic
Transparent bowl	Polycarbonate
Metal bowl (with or without sight gauge)	Zinc
Bowl guard	Steel
Collar	Plastic
Diaphragm	Nitrile
Manual twist drain, standard, body & nut	Plastic
Auto float drain, housing, float	Plastic
Auto float drain, seals	Nitrile
Auto float drain, springs, push rod	Stainless steel
Knob	Plastic
40 micron element (standard)	Plastic
5 micron element (optional)	Plastic
Adsorber element (optional)	Activated charcoal
Seals	Nitrile
Sight gauge	Polyamide
Poppet, spring	Stainless
Control, spring	Steel

Repair and Service Kits

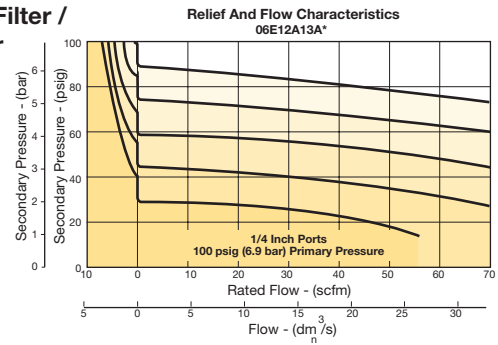
Bonnet assembly kit	PS715P
Bowl guard kit	PS705P
Poly bowl, auto float drain	PS722P
Poly bowl, twist drain	PS732P
Metal bowl, auto float drain	PS726P
Metal bowl, twist drain	PS734P
Metal bowl, sight gauge / auto drain	PS723P
Metal bowl, sight gauge / twist drain	PS735P
Control knob	P04069B
Auto float drain	PS506P
Twist drain	PS512P
40 micron element	PS701P
5 micron element	PS702P
Adsorber element	PS731P
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
1-3/4" digital round face	
160 psig (0 to 11.0 bar), gauge	K4517N14160D
Mounting bracket kit (includes panel mount nut)	PS707P
Panel mount nut	P04082
Non-relieving (includes poppet)	PS711P
Relieving (includes poppet)	PS710P
Seat insert kit	PS713P
1- 30 psig spring	P01698
1- 60 psig spring	P04062
2- 125 psig spring	P04063
5- 250 psig spring	P04064
Tamperproof kit (key lock)	PS737P

⚠ WARNING

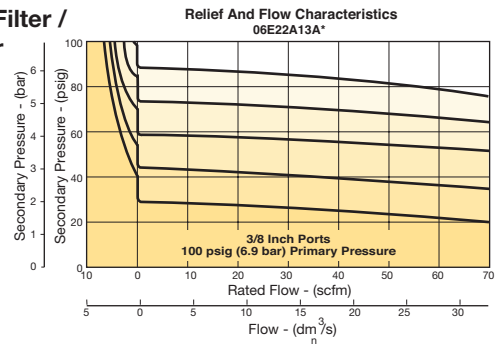
**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

Flow Charts

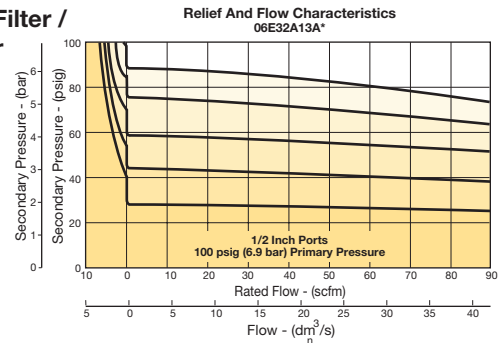
06E 1/4" Filter / Regulator



06E 3/8" Filter / Regulator

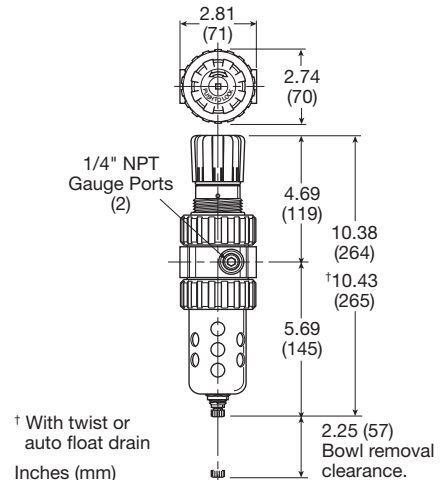


06E 1/2" Filter / Regulator



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.



† With twist or auto float drain
Inches (mm)