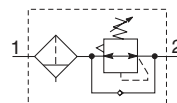
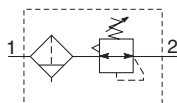


P3Y Filter / Regulator - Large

- Integral 3/4" or 1" ports (BSPP or NPT)
- High efficiency element as standard
- Excellent water removal efficiency
- Robust but lightweight aluminium construction
- Secondary pressure ranges 12 and 16 bar
- Rolling diaphragm for extended life
- Secondary aspiration plus balanced poppet provides quick response and accurate pressure regulation.
- Reverse flow / relieving option
- Low temperature -40°C (-40°F) with combined manual / semi-auto drain as standard



Port Size	Description (0 to 174 psi)	Part Number
3/4"	Relieving, COmbined Manual / Semi-Auto Drain	P3YEA16ESCBNEN
3/4"	Relieving, Auto Drain	P3YEA16ESABNEN
3/4"	Relieving, Gauge, COmbined Manual / Semi-Auto Drain	P3YEA16ESCBNFN
3/4"	Relieving, Gauge, Auto Drain	P3YEA16ESABNFN
1"	Relieving, COmbined Manual / Semi-Auto Drain	P3YEA18ESCBNEN
1"	Relieving, Auto Drain	P3YEA18ESABNEN
1"	Relieving, Gauge, COmbined Manual / Semi-Auto Drain	P3YEA18ESCBNFN
1"	Relieving, Gauge, Auto Drain	P3YEA18ESABNFN

Operating Information

Supply pressure (max)*:	254 psig (17.5 bar)
Operating temperature:	
Auto drain	14°F to 140°F (-10°C to 60°C)
Combined drain	-40°F to 140°F (-40°C to 60°C)
Standard filtration:	5 micron
Manual / semi-auto drain:	Closed at 11.6 psig (0.8 bar) G1/8 thread male
Auto drain bowl pressure:	Closed at 11.6 psig (0.8 bar)
Bowl capacity:	4.4 US oz. (130 cm³)
Standard filtration:	5 micron
Flow capacity†:	3/4" 335 scfm (158.1 dm³/s, ANR) 1" 465 scfm (219.5 dm³/s, ANR)
Fluid:	Compressed air
Gauge port (x2):	1/4"
Weight:	3.3 lb (1.5 kg)

† Inlet pressure 91.4 psig (6.3 bar) inlet pressure and 7.3 psig (0.5 bar) pressure drop.

* Air supply must be dry enough to avoid ice formation at temperatures below 35.6°F (2°C).

Air quality: Within ISO 8573-1: 2010 Class 6 and 7 (Particulates)

Ordering Information:

P3YEA		1	8	E	SA	B	N	F	N		
Basic Series		Thread Type*		Drain Type		Relief		Lockable		Adjustment Range	
Filter / Regulator		BSPP		SC Combined Manual / Semi-Auto Drain		B Relieving		N Standard		E 0 to 174 psi (0 to 12 bar), No Gauge	
P3YEA		NPT		SA Auto Drain		R Reverse Flow / Relieving		A† Lockable		H 0 to 232 psi (0 to 16 bar), No Gauge	
		Port Size								F 0 to 174 psi (0 to 12 bar), Gauge	
		3/4								J 0 to 232 psi (0 to 16 bar), Gauge	
		1									
		6		Element							
		8		E 5 micron							
				G 30 micron							

Notes:

- * For 1-1/2" ported unit, please order P3YKA*BCP port block kit separately.
- † Not field convertible.

Notes:

* For 1-1/2" ported unit, please order P3YKA*BCP port block kit separately.

† Not field convertible.

PARKER PREMIER DYSTRYBUTOR :

ARA[®]
PNEUMATIK

PARKER STORE WROCŁAW
pneumatyka@arapneumatik.pl
TEL. 71 364 72 80
katowice@arapneumatik.pl
TEL. 607 847 647

| arapneumatik.pl

Parker Store



Material Specifications

Body	Aluminium
Sight glass and bowl	Polypropylene
Body cover	ABS
Element	Sintered polypropylene
Seals	Nitrile NBR
Manual / semi-auto drain	Acetal
Auto drain	PA / Ø 10mm brass connection
Bonnet	Glass filled polyamide
Control Knob	Glass filled polyamide
Valve	Brass / NBR
Screws	Steel / zinc plated

Repair and Service Kits

5 micron element kit	P3YKA00ESE
30 micron element kit	P3YKA00ESG
Bowl kit with combined manual/semi auto drain	P3YKA00BSC
Bowl kit with auto drain	P3YKA00BSA
Key lock kit	P3XKA00AS
Diaphragm kit (relieving type)	P3YKA00RR
Diaphragm kit (non-relieving type)	P3YKA00RN
Angle bracket + metal lock ring	P3YKA00MS
Panel mount nut	P3YKA00MM
0 to 300 psig (0 to 20 bar), gauge 1/4" port	KG8013-00

**WARNING**

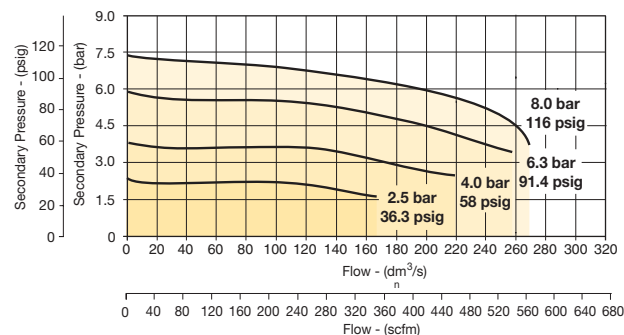
**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

CAUTION:

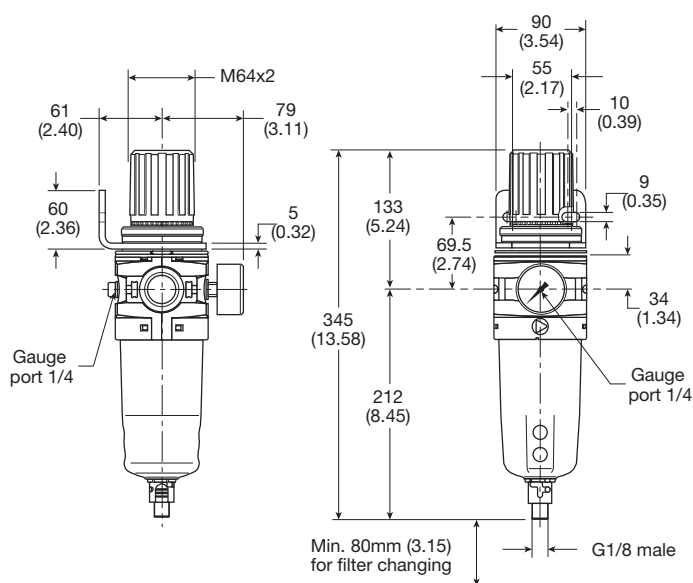
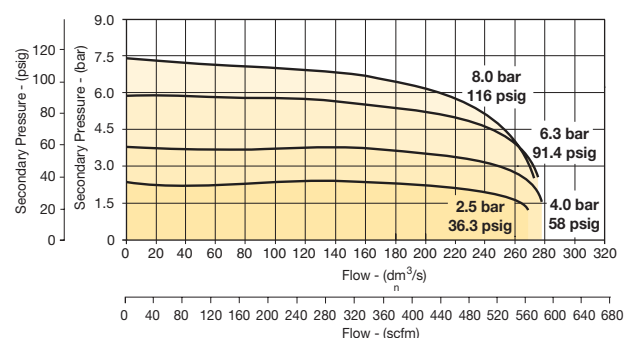
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting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

(3/4") 5 Micron Filter / Regulator



(1") 5 Micron Filter / Regulator



mm (Inches)

Most Popular

