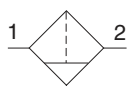
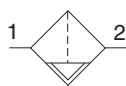


P3Y Particulate Filter - Large

- Integral 3/4" or 1" ports (NPT & BSPP)
- High efficiency particulate element as standard
- Excellent water removal efficiency
- Robust but lightweight aluminium construction
- Low temperature -40°C (-40°F) with combined manual / semi-auto drain as standard



Manual drain



Auto drain

Port Size	Description	Part Number
3/4"	Combined Manual /Semi-Auto Drain	P3YFA16ESCN
3/4"	Auto Drain	P3YFA16ESAN
1"	Combined Manual /Semi Auto Drain	P3YFA18ESCN
1"	Auto Drain	P3YFA18ESAN

Operating Information

Supply pressure (max)*:	254 psig (17.5 bar)
Operating temperature:	14°F to 140°F (-10°C to 60°C)
Auto drain	-40°F to 140°F (-40°C to 60°C)
Combined drain	
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 cm ³)
Standard filtration:	5 micron
Flow capacity†:	3/4" 170 scfm (80.2 dm ³ /s, ANR) 1" 170 scfm (80.2 dm ³ /s, ANR)
Fluid:	Compressed air
Weight:	1.98 lb (0.9 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:

P3YFA		1	8	E	SC	N
Basic Series	Thread Type*	Port Size		Element	Drain Type	
Filter P3YFA	BSPP 1	3/4 6	1 8	E 5 micron	SC Combined Manual / Semi-Auto Drain	
	NPT 9			G 30 micron	SA Auto drain	

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

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| arapneumatik.pl

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



Material Specifications

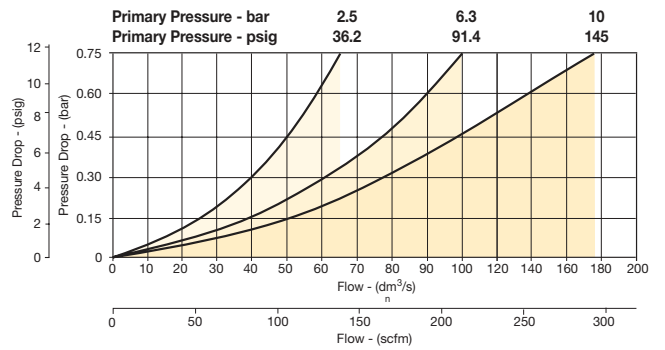
Body	Aluminium
Sight glass and bowl	Polypropylene
Body cover	ABS
Element	Sintered P.E.
Seals	Nitrile NBR
Manual / semi-auto drain	Acetal
Automatic drain	PA / \varnothing 10mm brass connection

Repair and Service Kits

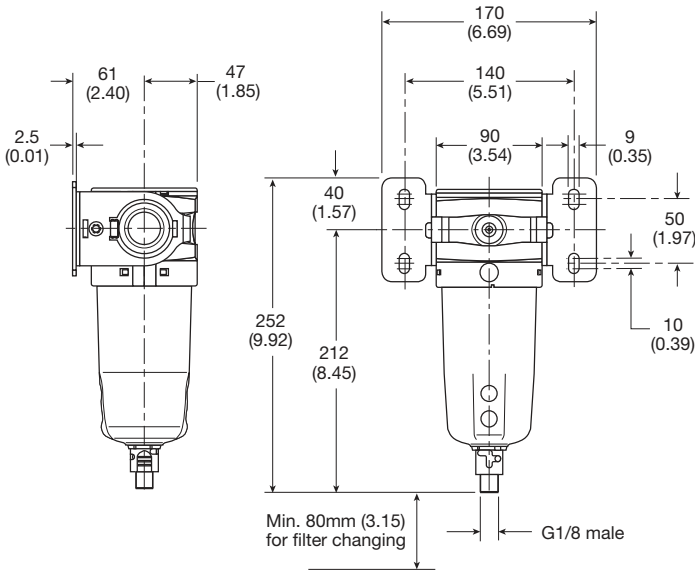
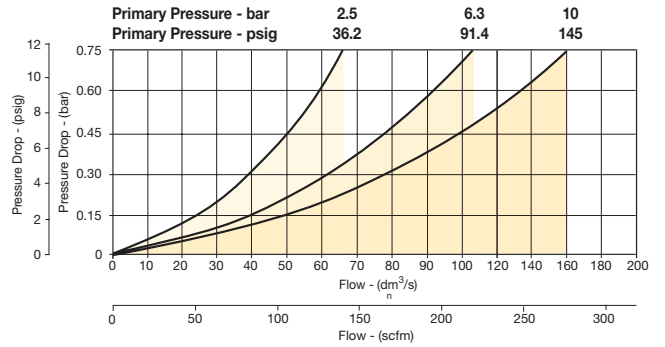
5 micron element kit	P3YKA00ESE
30 micron element kit	P3YKA00ESG
Bowl kit with combined manual / semi auto drain	P3YKA00BSC
Bowl kit with auto drain	P3YKA00BSA

Flow Characteristics

(3/4") Filter 5 micron



(1") Filter 5 micron



mm (Inches)

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