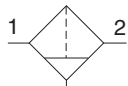
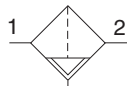


## P3Y Particulate Filter - Large

- 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	<b>P3YFA16ESCN</b>
3/4"	Auto Drain	<b>P3YFA16ESAN</b>
1"	Combined Manual /Semi Auto Drain	<b>P3YFA18ESCN</b>
1"	Auto Drain	<b>P3YFA18ESAN</b>

### 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 <sup>3</sup> )
Standard filtration:	5 micron
Flow capacity†:	3/4" 170 scfm (80.2 dm <sup>3</sup> /s, ANR) 1" 170 scfm (80.2 dm <sup>3</sup> /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:

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

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

### Most Popular



**Material Specifications**

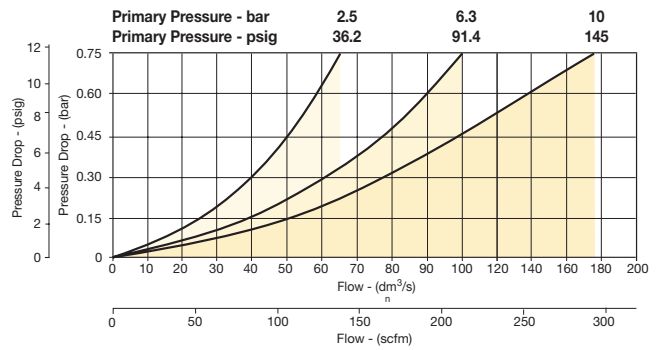
Body	Aluminium
Sight glass and bowl	Polypropylene
Body cover	ABS
Element	Sintered P.E.
Seals	Nitrile NBR
Manual / semi-auto drain	Acetal
Automatic drain	PA / $\varnothing$ 10mm brass connection

**Repair and Service Kits**

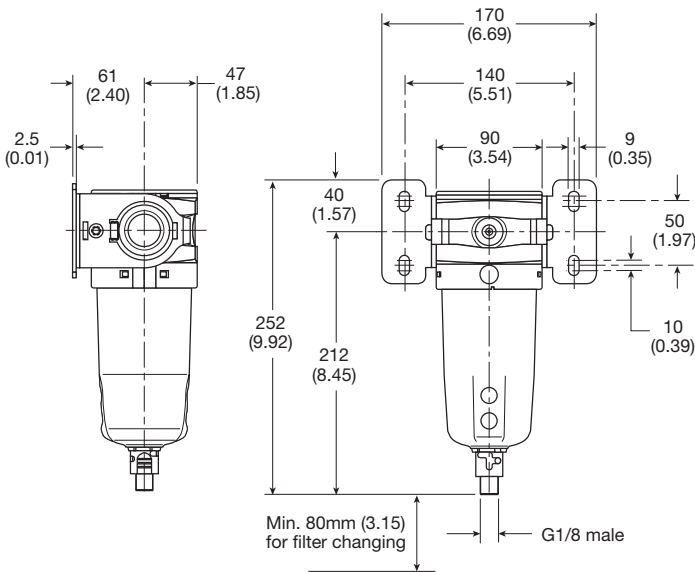
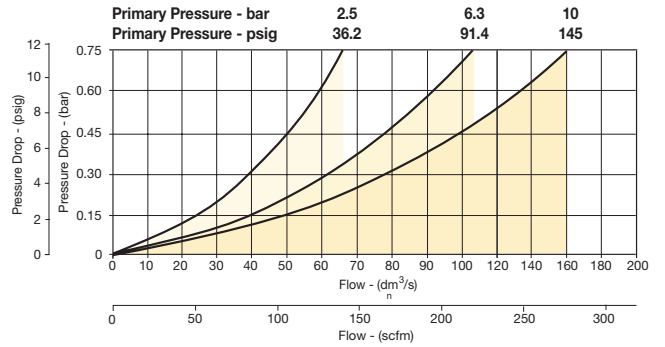
5 micron element kit	<b>P3YKA00ESE</b>
30 micron element kit	<b>P3YKA00ESG</b>
Bowl kit with combined manual / semi auto drain	<b>P3YKA00BSC</b>
Bowl kit with auto drain	<b>P3YKA00BSA</b>

**Flow Characteristics**

**(3/4") Filter 5 micron**



**(1") Filter 5 micron**



mm (Inches)

**Most Popular**

