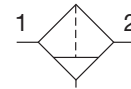


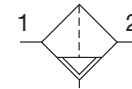
Particulate Filter - P3Y



Symbols



Manual drain



Auto drain

- 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

Options

P3YFA		9	6	E	SC	N
Basic series	Filter	Thread type*	Port size	Element	Drain type	
	P3YFA	BSPP 1	3/4 6	E 5 micron	SC Combined manual / semi-auto drain	
		NPT 9	1 8		SA Auto drain	

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

Ordering information

Port size	Description	Flow† dm ³ /s (scfm)	Max. bar (psig)	Min temp °C (°F)	Max temp °C (°F)	Bowl capacity cm ³ (oz)	Height mm (inches)	Width mm (inches)	Depth mm (inches)	Weight kg (lb)	Part number†
3/4"	Combined manual / semi-auto drain	116 (246)	17.5 (254)	-40 (-40)	60 (140)	130 (4.4)	244 (9.6)	90 (3.5)	94 (3.7)	0.9 (1.98)	P3YFA96ESCN
3/4"	Auto drain	116 (246)	17.5 (254)	-10 (14)	60 (140)	130 (4.4)	244 (9.6)	90 (3.5)	94 (3.7)	0.9 (1.98)	P3YFA96ESAN
1"	Combined manual / semi auto drain	119 (252)	17.5 (254)	-40 (-40)	60 (140)	130 (4.4)	244 (9.6)	90 (3.5)	94 (3.7)	0.9 (1.98)	P3YFA98ESCN
1"	Auto drain	119 (252)	17.5 (254)	-10 (14)	60 (140)	130 (4.4)	244 (9.6)	90 (3.5)	94 (3.7)	0.9 (1.98)	P3YFA98ESAN

† Standard part numbers shown in bold. For other models refer to Options chart above.

‡ Flow with 6.3 bar (91.4 psig) inlet pressure and 0.5 (7.3 psig) pressure drop.

Specifications

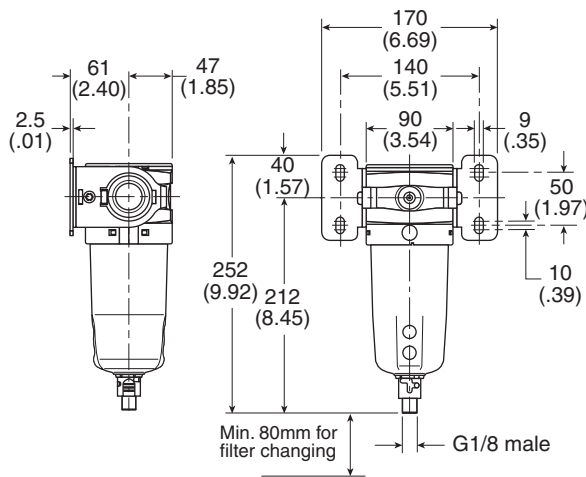
Fluid	Compressed air	
Maximum inlet pressure*	17.5 bar (254 psig)	
Temperature range*:		
Auto drain	-10°C to 60°C (14°F to 140°F)	
Combined drain	-40°C to 60°C (-40°F to 140°F)	
Particle removal	5 micron	
Air quality	Within ISO 8573-1: 1991 Class 3 and 5 (particulates) Within ISO 8573-1: 2001 Class 6 and 7 (particulates)	
Typical flow 5 micron element	6.3 bar (91.4 psig) inlet pressure and 119 dm ³ /s (252 scfm) 0.5 bar (.73 psig) pressure drop	
Manual / semi-auto drain	Closed at 0.8 bar (11.6 psig) G1/8 thread male	
Auto drain bowl pressure to close drain	0.8 bar (11.6 psig)	
Operating range	0.8 bar (11.6 psig) to manual override facility 17.5 bar (254 psig)	
Bowl capacity	130 cm ³ (4.4 US oz)	

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

Material specifications

Body	Aluminium	
Sight glass	Polypropylene	
Body cover	ABS	
Element	Sintered P.E.	
Seals	Nitrile NBR	
Drains	Manual / semi-auto: Acetal	
	Automatic: PA / Ø 10mm brass connection	

Dimensions mm (inches)

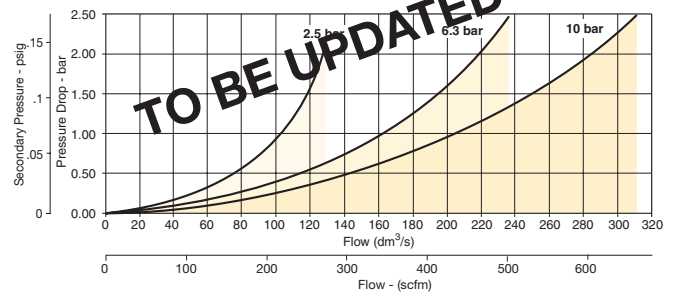


Service kits

Description	Part number
5 micron element kit	P3YKA00ESE
40 micron element kit	P3YKA00ESG
Bowl kit with combined manual / semi auto drain	P3YKA00BSC
Bowl kit with auto drain	P3YKA00BSA

Flow characteristics

(3/4") Filter



(1") Filter

