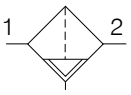
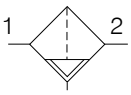
Particulate Filters



Symbols



Manual / Semi auto drain



Auto drain

- Integral 1/2 or 3/4” ports
- 2 stage filtration
- High efficiency 5µ particulate element as standard
- Excellent water removal efficiency
- Low temperature -40˚C with combined manual/semi - auto drain as standard

Options:

P 3 X F A **1** ☐ ☐ ☐ **G** ☐ **N**

BSPP (G)	**1**
NPT *	

1/2	**4**
3/4	**6**

* 1/2” NPT see Accessories

5 Micron Element Standard	**E**
40 Micron Element Optional	**G**
1 Micron Dust Filter	**2**

Combined Manual/Semi Auto Drain	**C**
Auto Drain	**A**

Port size	Description	Order Code	Flow dm^3/s *	Max bar	Min temp °C	Max temp °C	Bowl capacity cm^3	Height mm	Width mm	Depth mm	Weight g
1/2	Combined manual/ semi auto drain	**P3XFA14EGCN**	55	16	-40	60	60	192	62	62	320
1/2	Auto drain	**P3XFA14EGAN**	55	16	-10	60	60	192	62	62	320
3/4	Combined manual/ semi auto drain	**P3XFA16EGCN**	57	16	-40	60	60	192	62	62	320
3/4	Auto drain	**P3XFA16EGAN**	57	16	-10	60	60	192	62	62	320

* flow with 6,3 bar inlet pressure and 0,5 pressure drop.

Technical Information

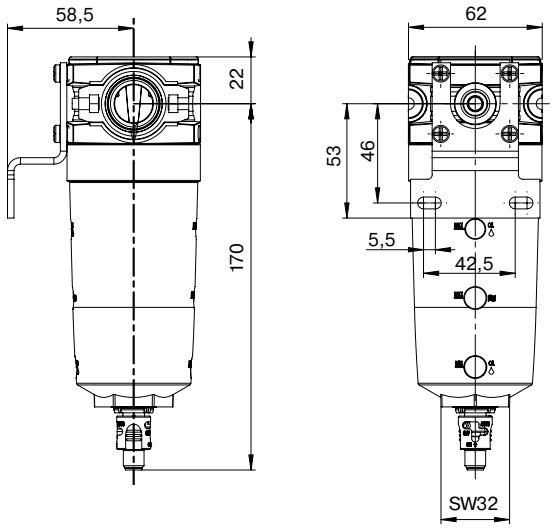
Fluid:	Compressed air
Maximum inlet pressure:	16 bar
Temperature range*: Auto drain: Combined drain:	 -10 to +60°C -40 to +60°C
Particle removal:	1, 5 & 40 micron
Typical flow with 5µm element 6,3 bar inlet pressure and 0.5 bar pressure drop:	1/2" 55 dm^3/s
Semi-auto drain: bowl pressure to close drain	 0.8 bar
Auto drain: bowl pressure to close drain Operating range manual override facility	 0.8 bar 0.8 to 16 bar
Bowl sump capacity:	60 cm^3

* Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Material Specification

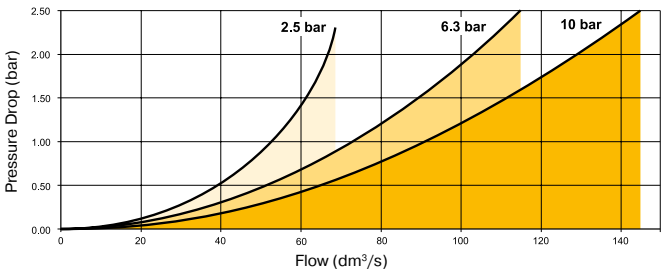
Body:		High tech polymer
Sight glass:		Polypropylene
Body cover:		ABS
Element:		Sintered P.E.
Seals:		Nitrile NBR
Drains:	Manual / Semi-auto:	Acetal
	Automatic:	PA / Brass

Dimensions (mm)

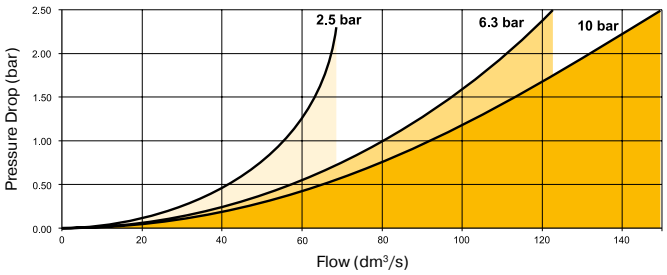


Flow characteristics

(1/2) 5 Micron Filter



(3/4) 5 Micron Filter



Service kits

Description	Order code
5 micron element kit	**P3XKA00ESE**
40 micron element kit	**P3XKA00ESG**
Bowl kit with combines manual/semi auto drain	**P3XKA00BSC**
Bowl kit with auto drain	**P3XKA00BSA**
1 micron element kit	**P3XKA00ES9**