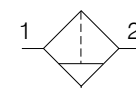


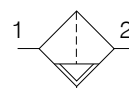
Compact Particulate Filter P32



Symbols



Manual drain



Auto drain

- Integral 1/4, 3/8 or 1/2 ports (BSPP & NPT)
- High efficiency 5 micron element as standard
- Excellent water removal efficiency
- Robust but lightweight aluminium construction
- Positive bayonet latch to ensure correct & safe fitting

Options:

P 32	F A			E			N
Thread type		Port size		Bowl type		Mounting	
BSPP	1	1/4	2	Poly bowl with bowl guard	G	No bracket	N
NPT	9	3/8	3	Metal bowl with sight glass	S		
		1/2	4				
		Element		Drain type			
		5μ Element		Manual drain		M	
				Auto drain		A	

Port size	Description	Order Code	Flow dm ³ /s *	(scfm) *	Max bar (psi)	Height mm (Inches)	Width mm (Inches)	Depth mm (Inches)
1/4	Poly bowl - Manual drain	P32FA12EGMN	18	(38)	10 (150)	188 (7.4)	60 (2.36)	60 (2.36)
1/4	Poly bowl - Auto drain	P32FA12EGAN	18	(38)	10 (150)	182 (7.2)	60 (2.36)	60 (2.36)
1/4	Metal bowl sight glass - Manual drain	P32FA12ESMN	18	(38)	17 (250)	188 (7.4)	60 (2.36)	60 (2.36)
1/4	Metal bowl sight glass - Auto drain	P32FA12ESAN	18	(38)	17 (250)	182 (7.2)	60 (2.36)	60 (2.36)
3/8	Poly bowl - Manual drain	P32FA13EGMN	30	(64)	10 (150)	188 (7.4)	60 (2.36)	60 (2.36)
3/8	Poly bowl - Auto drain	P32FA13EGAN	30	(64)	10 (150)	182 (7.2)	60 (2.36)	60 (2.36)
3/8	Metal bowl sight glass - Manual drain	P32FA13ESMN	30	(64)	17 (250)	188 (7.4)	60 (2.36)	60 (2.36)
3/8	Metal bowl sight glass - Auto drain	P32FA13ESAN	30	(64)	17 (250)	182 (7.2)	60 (2.36)	60 (2.36)
1/2	Poly bowl - Manual drain	P32FA14EGMN	38	(80)	10 (150)	188 (7.4)	60 (2.36)	60 (2.36)
1/2	Poly bowl - Auto drain	P32FA14EGAN	38	(80)	10 (150)	182 (7.2)	60 (2.36)	60 (2.36)
1/2	Metal bowl sight glass - Manual drain	P32FA14ESMN	38	(80)	17 (250)	188 (7.4)	60 (2.36)	60 (2.36)
1/2	Metal bowl sight glass - Auto drain	P32FA14ESAN	38	(80)	17 (250)	182 (7.2)	60 (2.36)	60 (2.36)

* flow with 6.3 bar (91.3 psig) inlet pressure and 0.5 (7.2 psig) pressure drop.

Specifications

Flow Capacity*	1/4	18 dm ³ /s (38 scfm)
	3/8	30 dm ³ /s (64 scfm)
	1/2	38 dm ³ /s (80 scfm)
Operating Temperature	Plastic Bowl	-25°C (-13°F) to 52°C (125°F)
	Metal Bowl	-25°C (-13°F) to 65.5°C (150°F)
Max Supply Pressure	Plastic Bowl	10 bar (150 psi)
	Metal Bowl	17 bar (250 psi)
Standard Filtration	5 Micron	
Useful Retention**	51 cm ³ (1.7 US oz.)	
Port Size	BSPP / NPT	1/4, 3/8, 1/2
Weight	0.28 kg (0.62 lbs)	

* Inlet pressure 6.3 bar (91.3 psig). Pressure drop 0.5 bar (7.2 psig).

** Useful retention refers to volume below the quiet zone baffle.

Air quality:

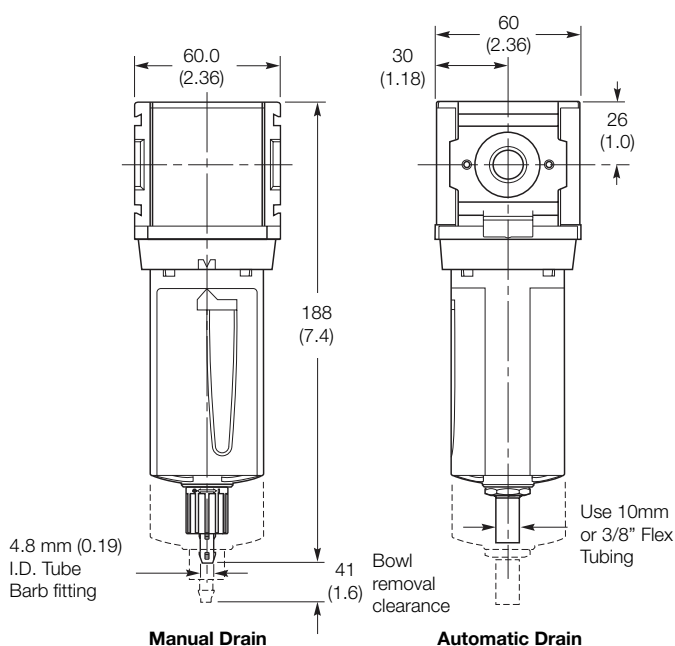
Within ISO 8573-1: 1991 Class 3 (Particulates)

Within ISO 8573-1: 2001 Class 6 (Particulates)

Materials of Construction

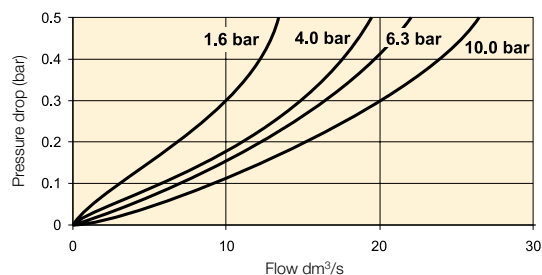
Body	Aluminium	
Body Cap	ABS	
Bowls	Plastic Bowl	Polycarbonate
	Metal Bowl	Aluminium
Bowl Guard	Nylon	
Deflector	Polypropylene	
Element Retainer / Baffle	Acetal	
Filter Element	Sintered Polyethylene	
Seals	Plastic Bowl	Nitrile
	Metal Bowl	Nitrile
Sight Gauge	Metal Bowl	Polycarbonate

Dimensions

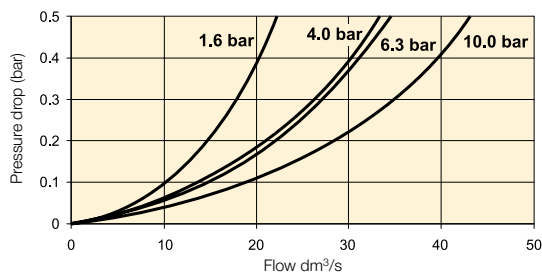


Flow Charts

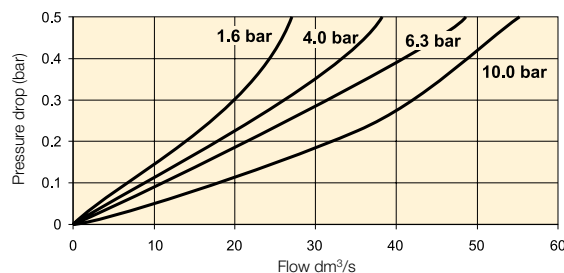
1/4 Filter



3/8 Filter



1/2 Filter



Repair and Service Kits

Plastic bowl / Bowl guard manual drain	P32KA00BGM
Metal bowl / Sight gauge manual drain	P32KA00BSM
Auto drain	P32KA00DA
5μ particle filter element	P32KA00ESE
L-Bracket (fits to body)	P32KA00ML
T-Bracket (fits to body connector)	P32KA00MB
T-Bracket with body connector	P32KA00MT
Body connector	P32KA00CB