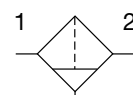


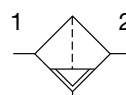
Compact Particulate Filter - P32



Symbols



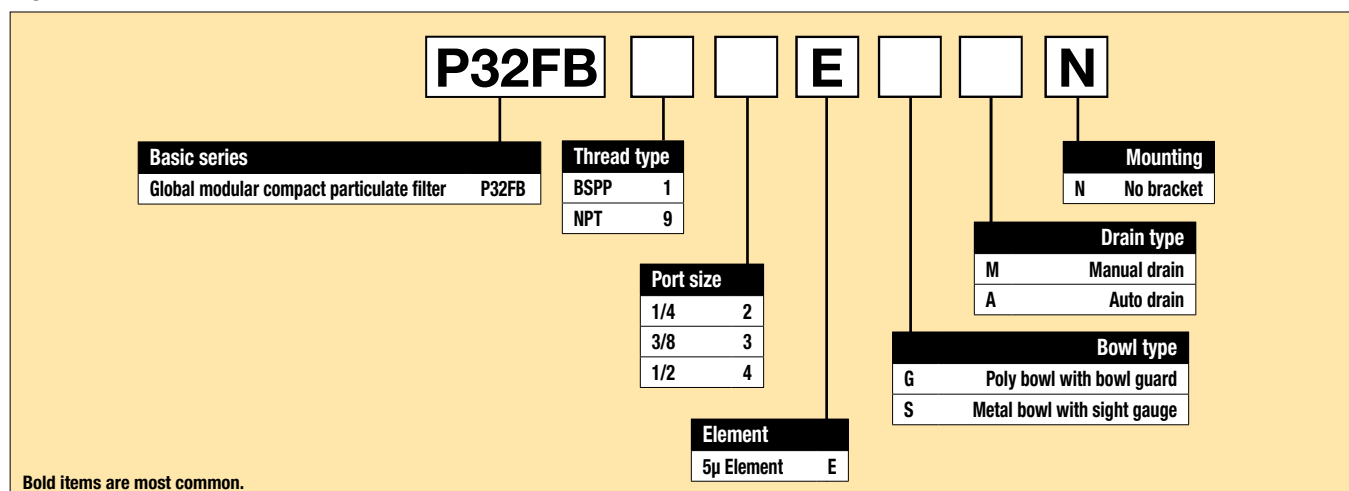
Manual drain



Auto drain

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

Options:



Port size	Description	Flow [†] dm ³ /s (scfm)	Max. bar (psig)	Height mm (inches)	Width mm (inches)	Depth mm (inches)	Part number [†]
1/4"	Poly bowl - manual drain	24 (50)	10 (150)	190.3 (7.49)	60 (2.36)	60 (2.36)	P32FB12EGMN
1/4"	Poly bowl - auto drain	24 (50)	10 (150)	184.3 (7.26)	60 (2.36)	60 (2.36)	P32FB12EGAN
1/4"	Metal bowl - manual drain	24 (50)	17 (250)	190.3 (7.49)	60 (2.36)	60 (2.36)	P32FB12ESMN
1/4"	Metal bowl - auto drain	24 (50)	17 (250)	184.3 (7.26)	60 (2.36)	60 (2.36)	P32FB12ESAN
3/8"	Poly bowl - manual drain	37 (78)	10 (150)	190.3 (7.49)	60 (2.36)	60 (2.36)	P32FB13EGMN
3/8"	Poly bowl - auto drain	37 (78)	10 (150)	184.3 (7.26)	60 (2.36)	60 (2.36)	P32FB13EGAN
3/8"	Metal bowl - manual drain	37 (78)	17 (250)	190.3 (7.49)	60 (2.36)	60 (2.36)	P32FB13ESMN
3/8"	Metal bowl - auto drain	37 (78)	17 (250)	184.3 (7.26)	60 (2.36)	60 (2.36)	P32FB13ESAN
1/2"	Poly bowl - manual drain	39 (82)	10 (150)	190.3 (7.49)	60 (2.36)	60 (2.36)	P32FB14EGMN
1/2"	Poly bowl - auto drain	39 (82)	10 (150)	184.3 (7.26)	60 (2.36)	60 (2.36)	P32FB14EGAN
1/2"	Metal bowl - manual drain	39 (82)	17 (250)	190.3 (7.49)	60 (2.36)	60 (2.36)	P32FB14ESMN
1/2"	Metal bowl - auto drain	39 (82)	17 (250)	184.3 (7.26)	60 (2.36)	60 (2.36)	P32FB14ESAN

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

[‡] Flow with 6.3 bar (91.3 psig) inlet pressure and 0.34 (4.9 psig) pressure drop.

Specifications

Flow capacity*	1/4	24 dm ³ /s (50 scfm)
	3/8	37 dm ³ /s (78 scfm)
	1/2	39 dm ³ /s (82 scfm)
Operating temperature	Plastic bowl	-25°C to 52°C (-13°F to 125°F)
	Metal bowl	-25°C to 65.5°C (-13°F to 150°F)
Max. supply pressure	Plastic bowl	10 bar (150 psig)
	Metal bowl	17 bar (250 psig)
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 0.34 bar (4.9 psig).

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

Air quality:

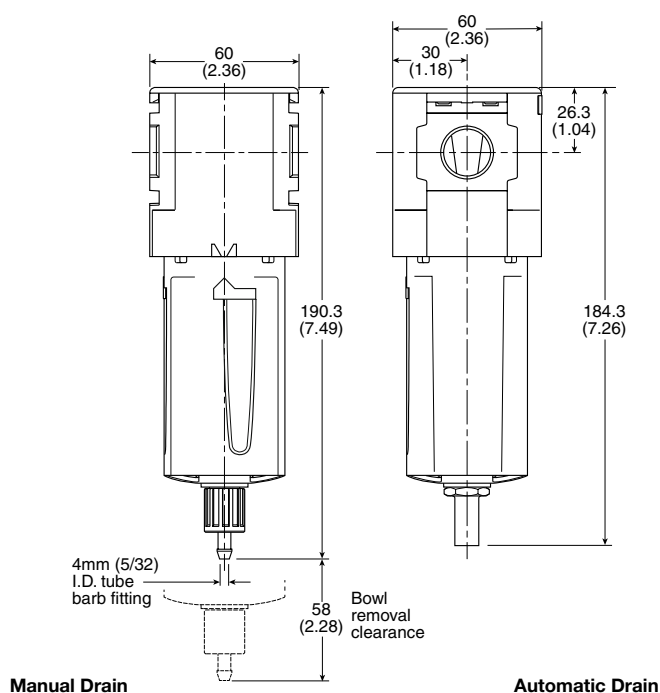
Within ISO 8573-1: 1991 Class 3 (Particulates)

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

Material Specifications

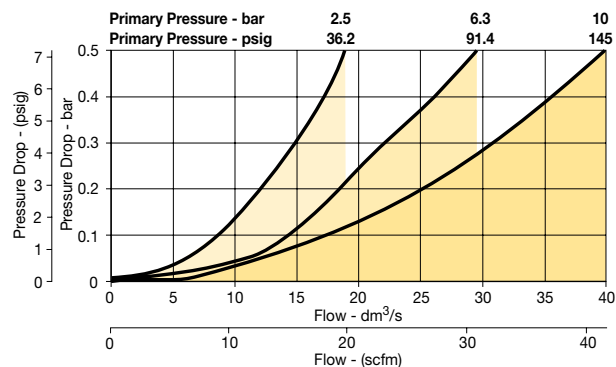
Body	Aluminum	
Body cap	ABS	
Bowls	Plastic bowl	Polycarbonate
	Metal bowl	Aluminum
Bowl guard	Nylon	
Deflector	Polypropylene	
Element retainer / Baffle	Acetal	
Filter element	Sintered polyethylene	
Seals	Nitrile	
Sight gauge	Metal bowl	Nylon

Dimensions mm (inches)

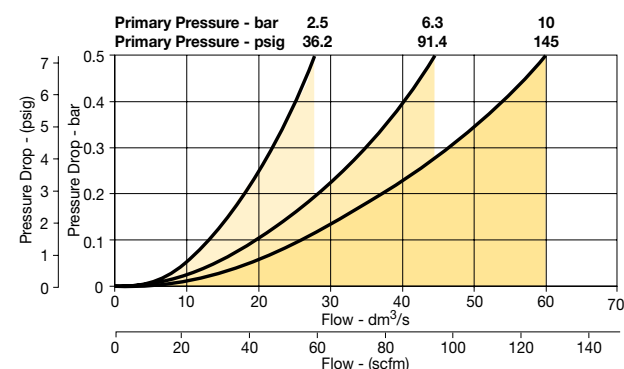


Flow Charts

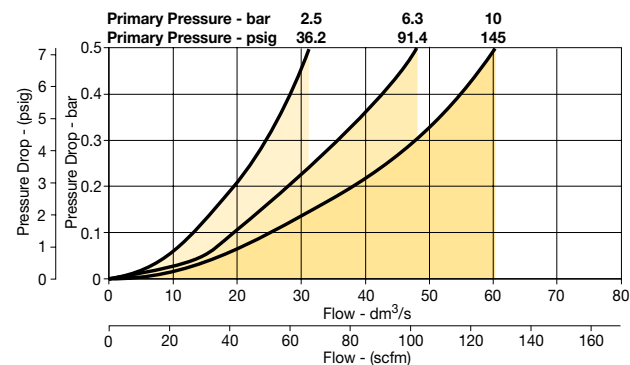
P32FB 1/4" Filter



P32FB 3/8" Filter



P32FB 1/2" Filter



Repair and Service Kits

Plastic bowl / Bowl guard manual drain	P32KB00BGM
Metal bowl / Sight gauge manual drain	P32KB00BSM
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