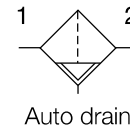
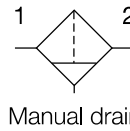


Compact Particulate Filter - P32

Symbols



- Integral 1/4", 3/8" or 1/2" ports (NPT, BSPP & BSPT)
- 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:

P32F	A	9	2	E	G	M	N
Basic series Global modular compact particulate filter P32F	Engr level Current A	Thread type BSPP 1 BSPT 2 NPT 9	Port size 1/4 2 3/8 3 1/2 4	Element 5µ Element E		Drain type M Manual drain A Auto drain	Mounting N No bracket
					Bowl type G Poly bowl with bowl guard M Metal bowl without sight gauge S Metal bowl with sight gauge		

Bold items are most common.

Port size	Description	Order code†	Flow‡ dm ³ /s (scfm)	Max. bar (psig)	Height mm (inches)	Width mm (inches)	Depth mm (inches)
1/4"	Poly bowl - manual drain	P32FA92EGMN	18 (38)	10 (150)	188 (7.4)	60 (2.36)	60 (2.36)
1/4"	Poly bowl - auto drain	P32FA92EGAN	18 (38)	10 (150)	182 (7.2)	60 (2.36)	60 (2.36)
1/4"	Metal bowl - manual drain	P32FA92ESMN	18 (38)	17 (250)	188 (7.4)	60 (2.36)	60 (2.36)
1/4"	Metal bowl - auto drain	P32FA92ESAN	18 (38)	17 (250)	182 (7.2)	60 (2.36)	60 (2.36)
3/8"	Poly bowl - manual drain	P32FA93EGMN	30 (64)	10 (150)	188 (7.4)	60 (2.36)	60 (2.36)
3/8"	Poly bowl - auto drain	P32FA93EGAN	30 (64)	10 (150)	182 (7.2)	60 (2.36)	60 (2.36)
3/8"	Metal bowl - manual drain	P32FA93ESMN	30 (64)	17 (250)	188 (7.4)	60 (2.36)	60 (2.36)
3/8"	Metal bowl - auto drain	P32FA93ESAN	30 (64)	17 (250)	182 (7.2)	60 (2.36)	60 (2.36)
1/2"	Poly bowl - manual drain	P32FA94EGMN	38 (80)	10 (150)	188 (7.4)	60 (2.36)	60 (2.36)
1/2"	Poly bowl - auto drain	P32FA94EGAN	38 (80)	10 (150)	182 (7.2)	60 (2.36)	60 (2.36)
1/2"	Metal bowl - manual drain	P32FA94ESMN	38 (80)	17 (250)	188 (7.4)	60 (2.36)	60 (2.36)
1/2"	Metal bowl - auto drain	P32FA94ESAN	38 (80)	17 (250)	182 (7.2)	60 (2.36)	60 (2.36)

† 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.

B

Introduction

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Regulators

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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 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	BSP / BSPT / 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.

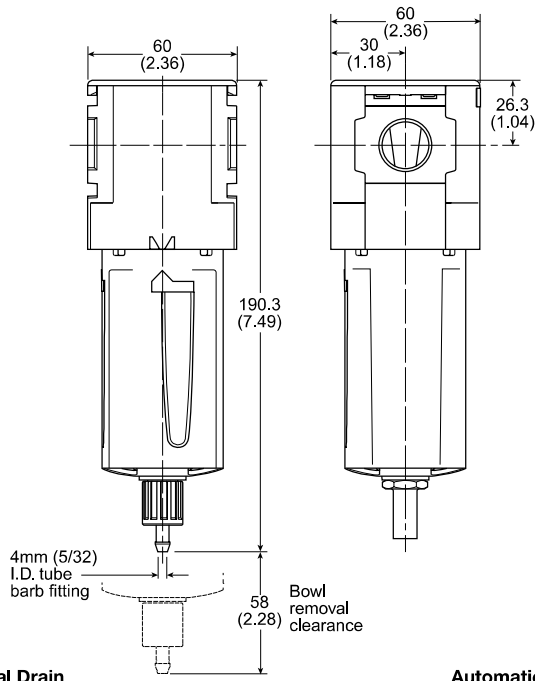
Air quality:

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	Polycarbonate

Dimensions mm (inches)

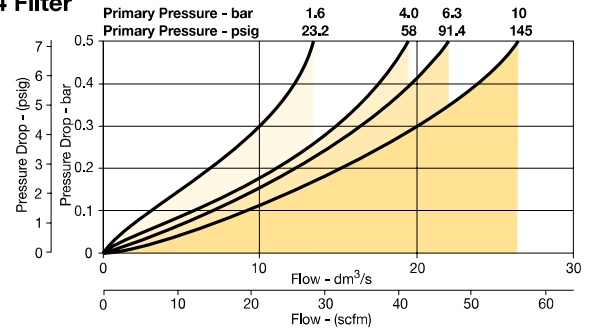


Manual Drain

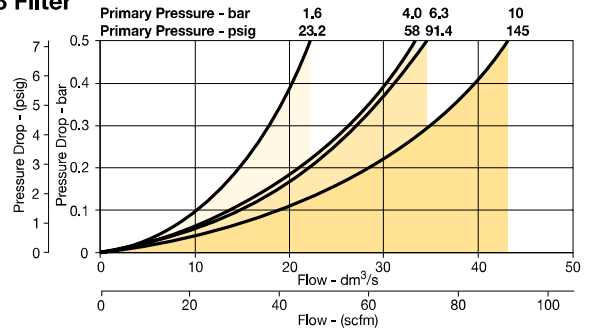
Automatic Drain

Flow Charts

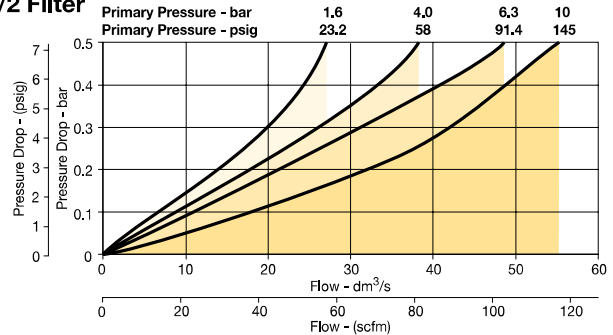
1/4 Filter



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
Differential pressure indicator (replacement)	P32KA00RQ

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