P32 Coalescing and Adsorber Filters – Compact

- Integral 1/4", 3/8" or 1/2" ports (NPT & BSPP)
- Removes liquid aerosols and sub micron particles
- Oil free air for critical applications, such as air gauging, pneumatic instrumentation and control
- Differential Pressure Indicator (DPI) standard on Coalescing Filters
- Positive bayonet latch to ensure correct & safe fitting
- Adsorbing activated carbon element removes oil vapors and most hydrocarbons

Note: To optimize the life of coalescing element, it is advisable to install a P32F pre-filter with a 5 micron element upstream of the coalescing filter.
To optimize the life of an Adsorber it is advisable to install a P32 Coalescing Filter upstream of the Adsorber. Adsorber element should be replaced approximately every 1000 hours of service.





Port Size	Description ‡	Element	Part Number
1/4"	Poly Bowl, Manual Drain	0.01 micron	**P32FB12DGAN**
1/4"	Poly Bowl, Auto Drain	0.01 micron	**P32FB12DGAN**
1/4"	Metal Bowl, Manual Drain	0.01 micron	**P32FB12DSAN**
1/4"	Metal Bowl, Auto Drain	0.01 micron	**P32FB12DSAN**
3/8"	Poly Bowl, Manual Drain	0.01 micron	**P32FB13DGAN**
3/8"	Poly Bowl, Auto Drain	0.01 micron	**P32FB13DGAN**
3/8"	Metal Bowl, Manual Drain	0.01 micron	**P32FB13DSAN**
3/8'	Metal Bowl, Auto Drain	0.01 micron	**P32FB13DSAN**
1/2"	Poly Bowl, Manual Drain	0.01 micron	**P32FB14DGAN**
1/2"	Poly Bowl, Auto Drain	0.01 micron	**P32FB14DGAN**
1/2"	Metal Bowl, Manual Drain	0.01 micron	**P32FB14DSAN**
1/2"	Metal Bowl, Auto Drain	0.01 micron	**P32FB14DSAN**

‡ For polycarbonate bowl, see caution in Engineering Section A.

Operating Information

Supply pressure (max):		
Poly bowl	150 psig (10 bar)	
Metal bowl w/ DPI	150 psig (10 bar)	
Metal bowl w/o DPI	250 psig (17 bar)	
Operating temperature:		
Plastic bowl	-13°F to 125°F (-25°C to 52°C)	
Metal bowl	-13°F to 150°F (-25°C to 65.5°C)	
Standard filtration:	1.0 and 0.01 micron	
Adsorber	Max. oil carryover (ppm w/w) 0.003 @ 70°F (21°C)	
Flow capacity*:		
1.0 micron coalescing	53 scfm (25 dm^3/s, ANR)	0.01
micron coalescing	36 scfm (17 dm^3/s, ANR)	
Activated carbon adsorber	85 scfm (40 dm^3/s, ANR)	
Useful retention†:	1.7 US oz. (51 cm^3)	
Weight:	0.71 lb (0.32 kg)	

* Inlet pressure 91.3 psig (6.3 bar). Pressure drop 3 psig (0.2 bar), saturated element.
† Useful retention refers to volume below the quiet zone baffle.

Ordering Information:

P32FB 1 4 D G A N

Basic Series
Global Modular Compact Coalescing Filter — P32FB

Thread Type
BSPP — 1
NPT — 9

Port Size
1/4 — 2
3/8 — 3
1/2 — 4

Element
0.01µ Element — C
0.01µ Element with DPI — D
1µ Element — 9
1µ Element with DPI — Q
Adsorber — A

Bowl Type
G — Poly Bowl with Bowl Guard
M — Metal Bowl without Sight Gauge
S — Metal Bowl with Sight Gauge

Drain Type
M — Manual Drain
A — Auto Drain

Mounting
N — No Bracket

Most Popular

Material Specifications

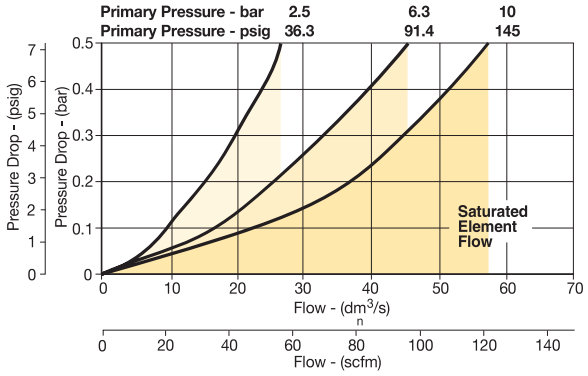
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Filter element	Borosilicate cloth
Adsorber	Activated carbon
Seals	Nitrile
Sight gauge	Nylon

Repair and Service Kits

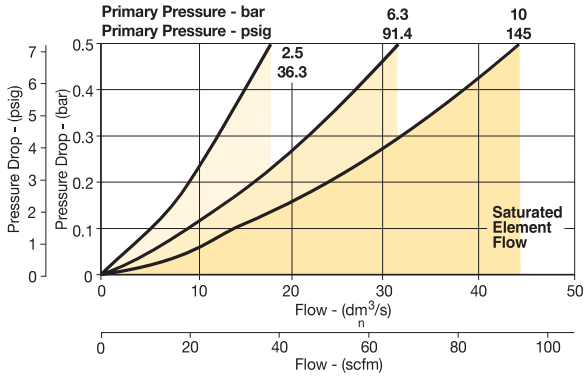
Plastic bowl / bowl guard, manual drain	**P32KB00BGM**
Metal bowl / sight gauge, manual drain	**P32KB00BSM**
Auto drain	**P32KA00DA**
1µ coalescing filter element	**P32KA00ES9**
0.01µ coalescing filter element	**P32KA00ESC**
Activated carbon adsorber filter element	**P32KA00ESA**
L-bracket (fits to body)	**P32KA00ML**
T-bracket (fits to body connector)	**P32KA00MB**
T-bracket with body connector	**P32KA00MT**
Body connector	**P32KA00CB**
Differential pressure indicator (replacement)	**P32KA00RQ**

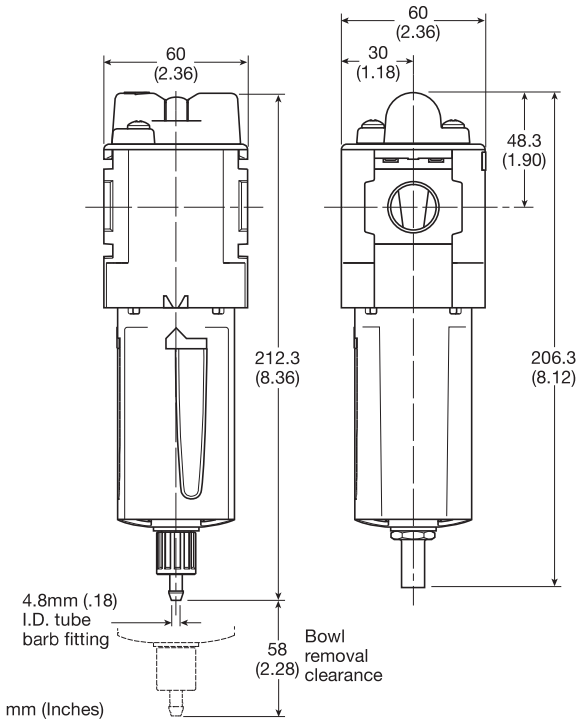
Flow Charts

P32FB - 1.0 micron flow



P32FB - 0.01 micron flow





Manual Drain **Automatic Drain**

Most Popular