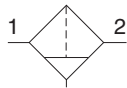
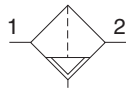


### P31 Particulate Filter – Mini

- Integral 1/4" ports (NPT, BSPP & BSPT)
- High efficiency 5 micron element as standard
- Excellent water removal efficiency
- Robust but lightweight aluminum construction
- One hand operation for easy element cartridge removal
- Positive bayonet latch to ensure correct & safe fitting



Manual drain



Pulse drain

Port Size	Description †	Part Number
1/4"	Poly Bowl, Manual Drain	<b>P31FB12EGMN</b>
1/4"	Poly Bowl, Pulse Drain	<b>P31FB12EGBN</b>
1/4"	Metal Bowl, Manual Drain	<b>P31FB12EMMN</b>
1/4"	Metal Bowl, Pulse Drain	<b>P31FB12EMBN</b>

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

#### Operating Information

Supply pressure (max):	
Plastic bowl	150 psig (10 bar)
Metal bowl	250 psig (17 bar)
Operating temperature:	
Plastic bowl	14°F to 125°F (-10°C to 52°C)
Metal bowl	14°F to 150°F (-10°C to 65.5°C)
Standard filtration:	5 micron
Flow capacity*:	25 scfm (12 dm <sup>3</sup> /s, ANR)
Useful retention†:	0.4 US oz. (12 cm <sup>3</sup> )
Weight:	0.24 lb (0.11 kg)

\* Inlet pressure 91.3 psig (6.3 bar). Pressure drop 4.9 psig (0.34 bar).

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

Air quality: Within ISO 8573-1: 2010 Class 6 (Particulates)

#### Ordering Information:

<b>P31FB</b>	<b>1</b>	<b>2</b>	<b>E</b>	<b>G</b>	<b>M</b>	<b>N</b>
<b>Basic Series</b> Global Modular Mini Particulate Filter P31FB	<b>Thread Type</b> BSPP 1 BSPT 2 NPT 9	<b>Port Size</b> 1/4 2	<b>Element</b> 5µ Element E	<b>Bowl Type</b> G Poly Bowl with Bowl Guard M Metal Bowl without Sight Gauge	<b>Drain Type</b> M Manual Drain B Pulse Drain X Flex Drain	<b>Mounting</b> N No Bracket

Most Popular



**Material Specifications**

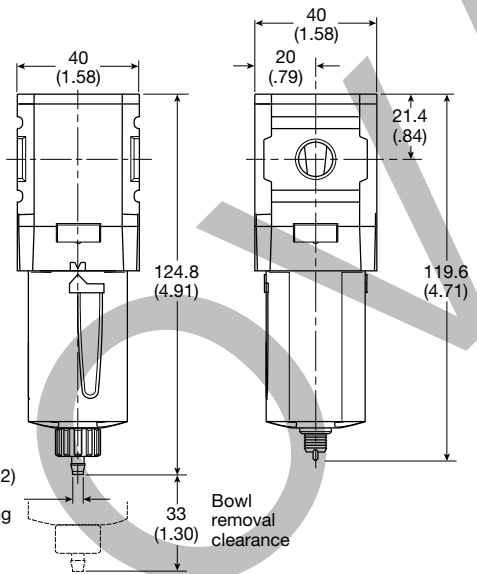
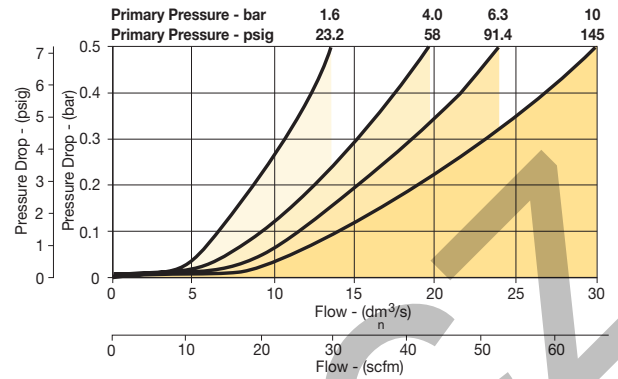
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Bowl guard	Nylon
Element retainer	Acetal
Baffle	Acetal
Filter element	Sintered polyethylene
Seals	Nitrile

**Repair and Service Kits**

Plastic bowl / bowl guard, manual drain	<b>P31KB00BGM</b>
Metal bowl / w/o sight gauge, manual drain	<b>P31KB00BMM</b>
Plastic bowl / bowl guard, pulse drain	<b>P31KB00BGB</b>
Metal bowl / w/o sight gauge, pulse drain	<b>P31KB00BMB</b>
5µ particle filter element	<b>P31KA00ESE</b>
C-bracket (fits to body)	<b>P31KA00MW</b>
T-bracket with body connector	<b>P31KA00MT</b>
Body connector	<b>P31KA00CB</b>

**Flow Charts**

**P31FB 1/4" Filter**



**Most Popular**

