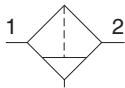
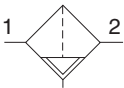


P31 Particulate Filter – Mini

- Integral 1/4" ports (NPT & BSPP)
- 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

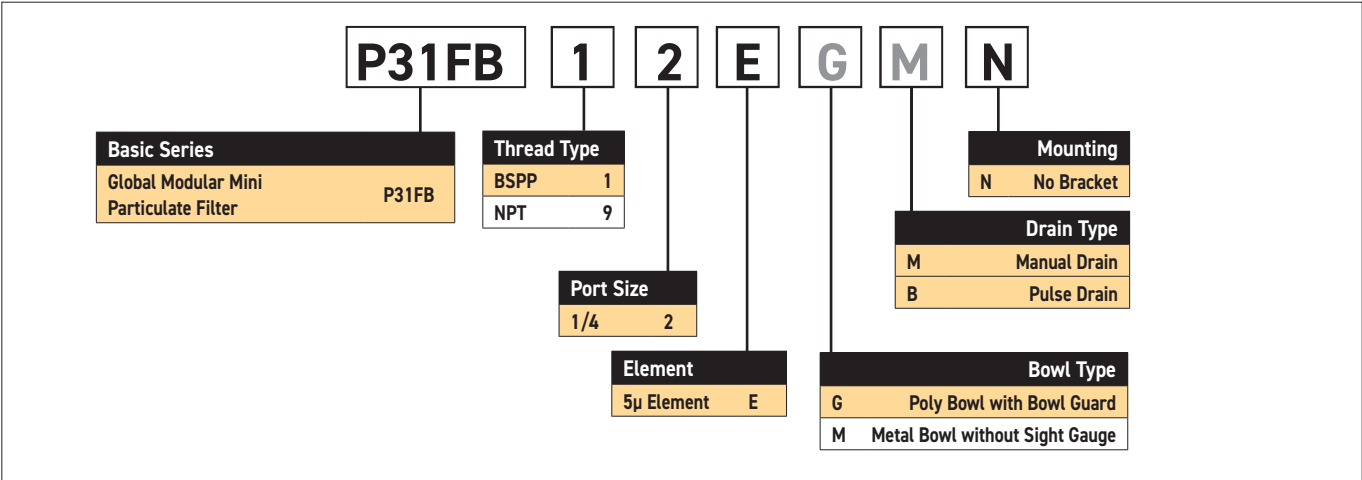
|                        |                                 |
|------------------------|---------------------------------|
| Supply pressure (max): |                                 |
| Plastic bowl           | 150 psig (10 bar)               |
| Metal bowl             | 250 psig (17 bar)               |
| 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 dm³/s, ANR)         |
| Useful retention†:     | 0.4 US oz. (12 cm³)             |
| 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:



Most Popular



## Material Specifications

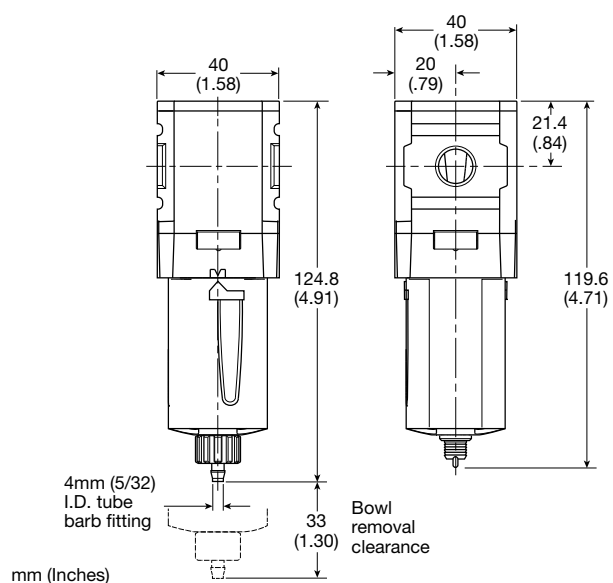
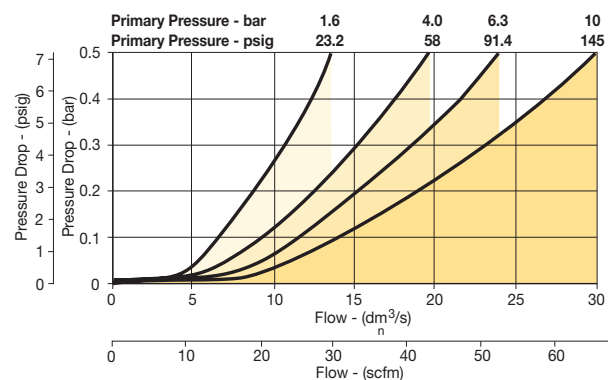
|                  |                       |
|------------------|-----------------------|
| Body             | Aluminum              |
| Body cap         | ABS                   |
| Plastic bowl     | Polycarbonate         |
| Metal bowl       | Aluminum              |
| Bowl guard       | Nylon                 |
| 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> |
| 5 $\mu$ 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



Manual Drain

Pulse Drain

## Most Popular

