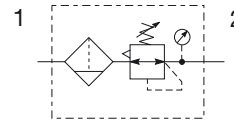


**Global Air Preparation System**

**Mini Filter / Regulator - P31**



**Symbols**



- Integral 1/4" 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
- Secondary pressure ranges 0-2 bar (0-30 psig), 0-4 bar (0-60 psig), 0-8 bar (0-125 psig), 0-16 bar (0-232 psig)
- Secondary aspiration plus balanced poppet provides quick response and accurate pressure regulation

**Options:**

<b>P31EB</b>		<b>9</b>	<b>2</b>	<b>E</b>	<b>G</b>	<b>M</b>	<b>B</b>	<b>N</b>	<b>5</b>	<b>P</b>
<b>Basic series</b> Global modular mini filter / regulator <b>P31EB</b>		<b>Thread type</b> BSPP 1 BSPT 2 NPT 9	<b>Element</b> 5µ Element E	<b>Relief</b> B Relieving N Non-relieving	<b>Mounting</b> p Plastic panel mount nut	<b>Port size</b> 1/4 2	<b>Drain type</b> B Pulse drain M Manual drain	<b>Adjustment range</b>		
<b>Bowl type</b> Poly bowl with bowl guard G Metal bowl without sight gauge M		<b>With square gauge</b>		<b>With round gauge</b>						
		psig		bar		Z 2 bar; 30 psig; 0.2 MPa				
		1 = 30*		V = 2*		M 4 bar; 60 psig; 0.4 MPa				
		3 = 60		S = 4		G 8 bar; 125 psig; 0.8 MPa				
		5 = 125		T = 8		J <sup>§</sup> 16 bar; 232 psig; 1.6 MPa				
						<b>Without gauge</b>				
						Y 2 bar; 30 psig; 0.2 MPa				
						L 4 bar; 60 psig; 0.4 MPa				
						N 8 bar; 125 psig; 0.8 MPa				
						H <sup>§</sup> 16 bar; 232 psig; 1.6 MPa				

\* Unit comes with 0-4 bar or 0-60 psig gauge respectively.  
 § Not available with poly bowl with bowl guard.

**Bold items are most common.**

Port size	Description	Flow <sup>†</sup> dm <sup>3</sup> /s (scfm)	Max. bar (psig)	Height mm (inches)	Width mm (inches)	Depth mm (inches)	Part number <sup>†</sup>
1/4"	8 bar (125 psig) relieving - poly bowl - manual drain	10 (22)	10 (150)	176.9 (6.96)	40 (1.58)	61.3 (2.41)	<b>P31EB92EGMBN5P</b>
1/4"	8 bar (125 psig) relieving - poly bowl - pulse drain	10 (22)	10 (150)	172.0 (6.77)	40 (1.58)	61.3 (2.41)	<b>P31EB92EGBBN5P</b>
1/4"	8 bar (125 psig) relieving - metal bowl - manual drain	10 (22)	17 (250)	176.9 (6.96)	40 (1.58)	61.3 (2.41)	<b>P31EB92EMMBN5P</b>
1/4"	8 bar (125 psig) relieving - metal bowl - pulse drain	10 (22)	17 (250)	172.0 (6.77)	40 (1.58)	61.3 (2.41)	<b>P31EB92EMBBN5P</b>

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

‡ Flow with 10 bar (145 psig) inlet pressure, 6.3 bar (91.3 psig) set pressure and 1 bar (14.5 psig) pressure drop.