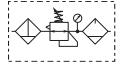


Popular Combinations: Inlet pressure 145 psig (10 bar), secondary pressure 100 psig (6.9 bar), 14.5 psig (1 bar) pressure drop.



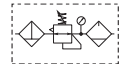
**Filter + Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets**



Port Size	Flow	Manual Drain	Pulse Drain
1/4"	27 scfm (13 dm³/s, ANR)	P31CB92GEMN5LNW	P31CB92GEBN5LNW



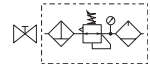
**Filter/Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets**



Port Size	Flow	Manual Drain	Pulse Drain
1/4"	28 scfm (14 dm³/s, ANR)	P31CA92GEMN5LNW	P31CA92GEBN5LNW



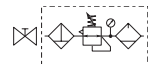
**Ball Valve + Filter + Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets**



Port Size	Flow	Manual Drain	Pulse Drain
1/4"	27 scfm (13 dm³/s, ANR)	P31QB92GEMN5LNW	P31QB92GEBN5LNW



**Ball Valve + Filter/Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets**



Port Size	Flow	Manual Drain	Pulse Drain
1/4"	28 scfm (14 dm³/s, ANR)	P31QA92GEMN5LNW	P31QA92GEBN5LNW

Filter / Regulator coding
(use with codes: A M)

Filter coding (use with combo codes: B F G). For multiple filters, repeat as needed.	Regulator coding (use with combo code: B)	Lubricator coding (use with combo codes: A B)	Assembly configuration
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P31 Combination B/V + Combination Q Combination + B/V X Combination C B/V = Ball valve Combination Type* <table> <tr> <td>F/R+L A</td> <td>F+Fc+Fa G</td> </tr> <tr> <td>F+R+L B</td> <td>F/R+Fc M</td> </tr> <tr> <td>F+Fc F</td> <td></td> </tr> </table> * Combination type F = 5µ Fc1 = 1µ Fc = .01µ Fa = Adsorber	F/R+L A	F+Fc+Fa G	F+R+L B	F/R+Fc M	F+Fc F		C Thread Type <table> <tr> <td>BSPP 1</td> </tr> <tr> <td>BSPT 2</td> </tr> <tr> <td>NPT 9</td> </tr> </table> Port Size <table> <tr> <td>1/4 2</td> </tr> </table>	BSPP 1	BSPT 2	NPT 9	1/4 2	9 2 G Element <table> <tr> <td>5µ Element E</td> </tr> <tr> <td>0.01µ Element C</td> </tr> <tr> <td>1µ Element 9</td> </tr> <tr> <td>Adsorber A</td> </tr> </table> Drain Type <table> <tr> <td>Manual Drain M</td> </tr> <tr> <td>Pulse Drain B</td> </tr> </table>	5µ Element E	0.01µ Element C	1µ Element 9	Adsorber A	Manual Drain M	Pulse Drain B	E M Relief / Adjustment Non-Rising Knob N Adjustment Range With Square Gauge Psig: <table> <tr> <td>30 psig*</td> <td>1</td> </tr> <tr> <td>60 psig</td> <td>3</td> </tr> <tr> <td>125 psig</td> <td>5</td> </tr> <tr> <td>232 psig</td> <td>7</td> </tr> </table> Bar: <table> <tr> <td>2 Bar*</td> <td>V</td> </tr> <tr> <td>4 Bar</td> <td>S</td> </tr> <tr> <td>8 Bar</td> <td>T</td> </tr> <tr> <td>16 Bar</td> <td>W</td> </tr> </table> MPa: <table> <tr> <td>0.2 MPa*</td> <td>2</td> </tr> <tr> <td>0.4 MPa</td> <td>4</td> </tr> <tr> <td>0.8 MPa</td> <td>6</td> </tr> <tr> <td>0.8 MPa</td> <td>8</td> </tr> </table> *Regulator comes with gauge respective to the adjustment range available. * Not available with poly bowl with bowl guard. Gauge supplied with every part. Gauge can be installed on the front or back of the regulator. If no gauge is installed, both seal screws must be installed.	30 psig*	1	60 psig	3	125 psig	5	232 psig	7	2 Bar*	V	4 Bar	S	8 Bar	T	16 Bar	W	0.2 MPa*	2	0.4 MPa	4	0.8 MPa	6	0.8 MPa	8	L N Lub Type Oil Mist Standard Sight Dome Drain Type No Drain; Closed End N	W Mounting No Bracket A Port Blocks* C Port Blocks & Wall Brkt* D Wall Bracket W * For 3/8" Port Blocks please order separately. See Kits section.
F/R+L A	F+Fc+Fa G																																												
F+R+L B	F/R+Fc M																																												
F+Fc F																																													
BSPP 1																																													
BSPT 2																																													
NPT 9																																													
1/4 2																																													
5µ Element E																																													
0.01µ Element C																																													
1µ Element 9																																													
Adsorber A																																													
Manual Drain M																																													
Pulse Drain B																																													
30 psig*	1																																												
60 psig	3																																												
125 psig	5																																												
232 psig	7																																												
2 Bar*	V																																												
4 Bar	S																																												
8 Bar	T																																												
16 Bar	W																																												
0.2 MPa*	2																																												
0.4 MPa	4																																												
0.8 MPa	6																																												
0.8 MPa	8																																												

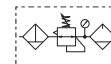


For inventory, lead times, and kit

Popular Combinations: Inlet pressure 145 psig (10 bar), secondary pressure 91.3 psig (6.3 bar), 14.5 psig (1 bar) pressure drop.



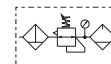
Filter + Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets



Port Size	Flow	Manual Drain	Auto Drain
1/4"	42 scfm (20 dm³/s, ANR)	P32CB92GEMNGLNW	P32CB92GEANGLNW
3/8"	68 scfm (32 dm³/s, ANR)	P32CB93GEMNGLNW	P32CB93GEANGLNW
1/2"	85 scfm (40 dm³/s, ANR)	P32CB94GEMNGLNW	P32CB94GEANGLNW



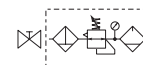
Filter/Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets



Port Size	Flow	Manual Drain	Auto Drain
1/4"	45 scfm (22 dm³/s, ANR)	P32CA92GEMNGLNW	P32CA92GEANGLNW
3/8"	70 scfm (33 dm³/s, ANR)	P32CA93GEMNGLNW	P32CA93GEANGLNW
1/2"	90 scfm (43 dm³/s, ANR)	P32CA94GEMNGLNW	P32CA94GEANGLNW



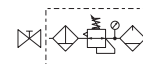
Ball Valve + Filter + Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets



Port Size	Flow	Manual Drain	Auto Drain
1/4"	42 scfm (20 dm³/s, ANR)	P32QB92GEMNGLNW	P32QB92GEANGLNW
3/8"	68 scfm (32 dm³/s, ANR)	P32QB93GEMNGLNW	P32QB93GEANGLNW
1/2"	85 scfm (40 dm³/s, ANR)	P32QB94GEMNGLNW	P32QB94GEANGLNW



Ball Valve + Filter/Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets



Port Size	Flow	Manual Drain	Auto Drain
1/4"	45 scfm (22 dm³/s, ANR)	P32QA92GEMNGLNW	P32QA92GEANGLNW
3/8"	70 scfm (33 dm³/s, ANR)	P32QA93GEMNGLNW	P32QA93GEANGLNW
1/2"	90 scfm (43 dm³/s, ANR)	P32QA94GEMNGLNW	P32QA94GEANGLNW

Filter / Regulator coding
 (use with codes: A M)

Filter coding
 (use with combo codes:
 B F G). **For multiple
 filters, repeat as needed.**

Regulator coding
 (use with combo code: B)

Lubricator coding
 (use with combo
 codes: A B)

**Assembly
 configuration**

P32 Combination B/V + Combination Q Combination + B/V X Combination C B/V = Ball valve Combination Type* F/R+L A F+Fc+Fa G F+R+L B F/R+Fc M F+Fc F * Combination type F = 5µ Fc1 = 1µ Fc = .01µ Fa = Adsorbent † For polycarbonate bowl, see caution in Engineering Section A. Bowl Type Poly Bowl with Bowl Guard † G Metal Bowl without Sight Gauge M* Metal Bowl with Sight Gauge S * Not available when using lubricator. Note: All bowl types are the same for each component. Example: If a "G" is specified for a F+L, both units would get a poly bowl with bowl guard.	C Thread Type BSPP 1 BSPT 2 NPT 9 Port Size 1/4 2* 3/8 3 1/2 4 * Order combo Q or X: ball valve (BV) comes with 3/8 ports.	9 4 G Element 0.01µ Element C 0.01µ Element with dpi D* 5µ Element E 5µ Element with dpi F* 1µ Element 9 1µ Element with dpi Q* Adsorbent A * Not available with F/R. Drain Type Auto Drain A Manual Drain M	E M Relief / Adjustment Non-Rising Knob N Relieving Adjustment Range With Round Gauge 30 psig; 2 Bar; 0.2 MPa Z 60 psig; 4 Bar; 0.4 MPa M 125 psig; 8 Bar; 0.8 MPa G 250 psig; 17 Bar; 1.7 MPa J [§] Without Gauge 30 psig; 2 Bar; 0.2 MPa Y 60 psig; 4 Bar; 0.4 MPa L 125 psig; 8 Bar; 0.8 MPa N 250 psig; 17 Bar; 1.7 MPa H [§] With Square Gauge 30* = 1 2* = V 60 = 3 4 = S 125 = 5 8 = T * Regulator comes with gauge respective to the adjustment range selected. § Not available with poly bowl with bowl guard.	N G Lub Type Oil Mist L Standard L Sight Dome Drain Type No Drain; Closed End N Mounting No Bracket A Port Blocks C Port Blocks & Wall Brkt D Wall Bracket W
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For inventory, lead times, and kit

B57

Parker Hannifin Corporation
 Pneumatic Division

B

Global Air
 Preparation

Introduction

Filters

Coalescers

Regulators

Filter/
 Regulators

Lubricators

Combinations

Accessories
 and Kits

Popular Combinations: Inlet pressure 145 psig (10 bar), secondary pressure 91.3 psig (6.3 bar), 14.5 psig (1 bar) pressure drop.

B

Global Air
Preparation

Introduction

Filters

Coalescers

Regulators

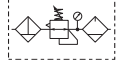
Filter /
Regulators

Lubricators

Combinations

Accessories
and Kits

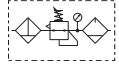
**Filter + Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets**



Port Size	Flow	Manual Drain	Auto Drain
1/2"	90 scfm (43 dm³/s, ANR)	P33CB94GEMNGLNW	P33CB94GEANGLNW
3/4"	110 scfm (52 dm³/s, ANR)	P33CB96GEMNGLNW	P33CB96GEANGLNW



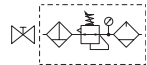
**Filter/Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets**



Port Size	Flow	Manual Drain	Auto Drain
1/2"	110 scfm (52 dm³/s, ANR)	P33CA94GEMNGLNW	P33CA94GEANGLNW
3/4"	150 scfm (71 dm³/s, ANR)	P33CA96GEMNGLNW	P33CA96GEANGLNW



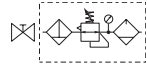
**Ball Valve + Filter + Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets**



Port Size	Flow	Manual Drain	Auto Drain
1/2"	90 scfm (43 dm³/s, ANR)	P33QB94GEMNGLNW	P33QB94GEANGLNW
3/4"	110 scfm (52 dm³/s, ANR)	P33QB96GEMNGLNW	P33QB96GEANGLNW



**Ball Valve + Filter/Regulator + Lubricator Combinations, poly bowl
5 micron element, 116 psig (8 bar) regulator + gauge and wall mounting brackets**



Port Size	Flow	Manual Drain	Auto Drain
1/2"	110 scfm (52 dm³/s, ANR)	P33QA94GEMNGLNW	P33QA94GEANGLNW
3/4"	150 scfm (71 dm³/s, ANR)	P33QA96GEMNGLNW	P33QA96GEANGLNW

Filter / Regulator coding
(use with codes: A M)

Filter coding
(use with combo codes:
B F G). **For multiple
filters, repeat as needed.**

Regulator coding
(use with combo code: B)

Lubricator coding
(use with combo
codes: A B)

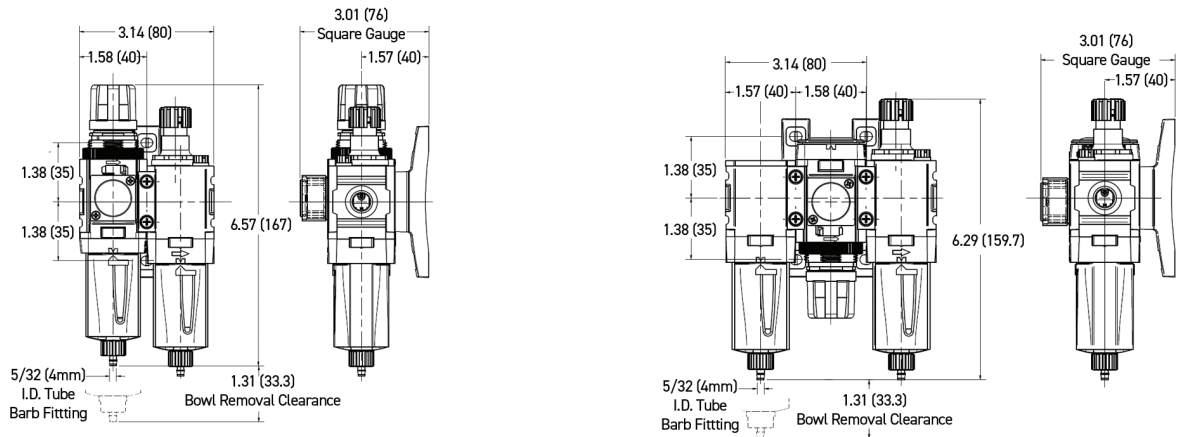
**Assembly
configuration**

P33 Combination B/V + Combination Q Combination + B/V X Combination C B/V = Ball valve Combination Type* F/R+L A F+Fc+Fa G F+R+L B F/R+Fc M F+Fc F * Combination type F = 5µ Fc = 1µ Fc = .01µ Fa = Adsorber † For polycarbonate bowl, see caution in Engineering Section A. Bowl Type † Poly Bowl with Bowl Guard G Metal Bowl without Sight Gauge M* Metal Bowl with Sight Gauge S * Not available when using lubricator. Note: All bowl types are the same for each component. Example: If a "G" is specified for a F+L, both units would get a poly bowl with bowl guard.	C Thread Type BSPP 1 BSPT 2 NPT 9 Port Size 1/2 4 3/4 6	9 6 G Element 0.01µ Element C 0.01µ Element with dpi D* 5µ Element E 5µ Element with dpi F* 1µ Element 9 1µ Element with dpi Q* Adsorber A * Not available with F/R. Drain Type Auto Drain A Manual Drain M	E M Relief / Adjustment Non-Rising Knob Relieving N Adjustment Range With Round Gauge 30 psig; 2 bar; 0.2 MPa Z 60 psig; 4 bar; 0.4 MPa M 125 psig; 8 bar; 0.8 MPa G 250 psig; 17 bar; 1.7 MPa J* Without Gauge 30 psig; 2 bar; 0.2 MPa Y 60 psig; 4 bar; 0.4 MPa L 125 psig; 8 bar; 0.8 MPa N 250 psig; 17 bar; 1.7 MPa H* * Not available with poly bowl with bowl guard.	N G Lub Type Oil Mist Standard Sight Dome L Drain Type No Drain; Closed End N	L N W Mounting No Bracket A Port Blocks C Port Blocks & Wall Brkt D Wall Bracket W
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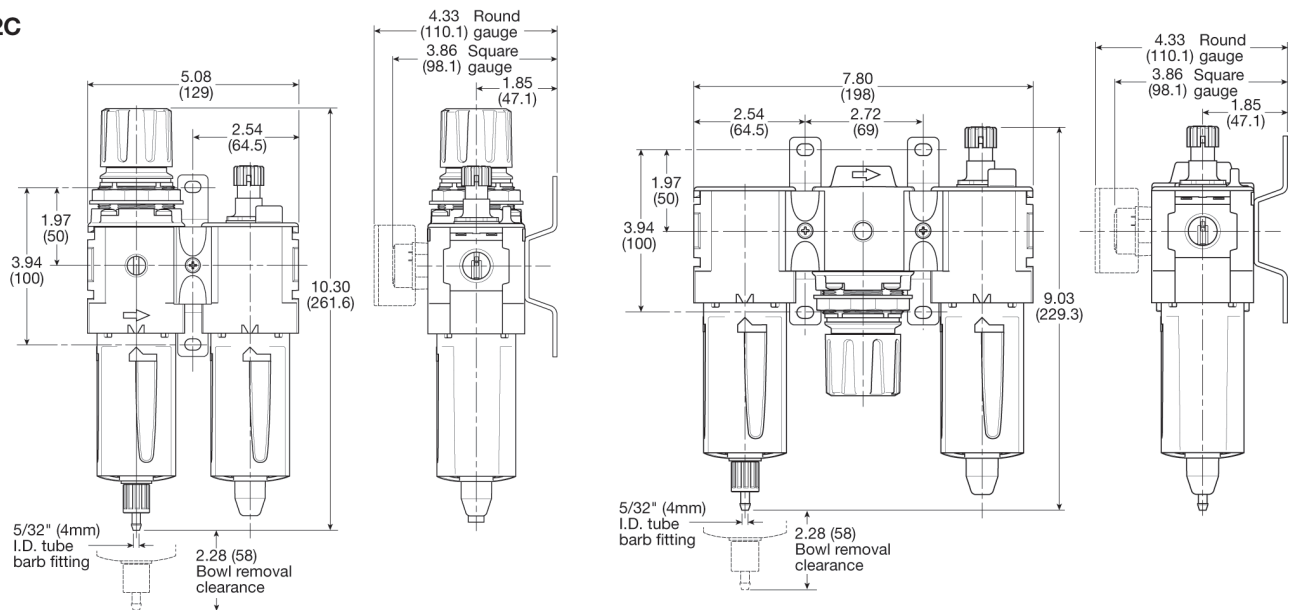
Popular Combination Dimensions

inches (mm)

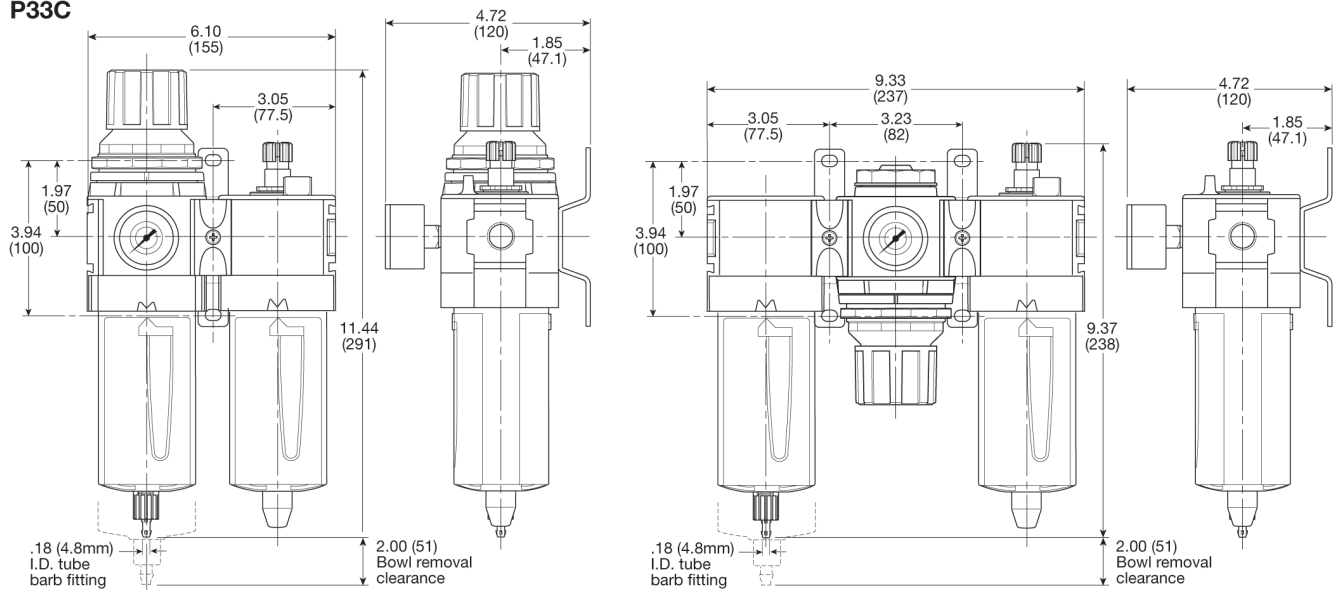
P31C



P32C



P33C



B

Global Air Preparation

Introduction

Filters

Coalescers

Regulators

Filter / Regulators

Lubricators

Combinations

Accessories and Kits



For inventory, lead times, and kit

B59

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Pneumatic Division